Data File: /chem/HP04629.i/06feb06a.b/hb069.d
Report Date: 07-Feb-2006 10:11

RT	AREA	CONCENTRATIONS ON-COL(ng/2ul)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
22.476	86918	4.57743628	76.29060	0		0	64
Unknown				CAS #:			
23.052	111770	5.88622398	98.10373	0		0	64
Unknown				CAS #:			
23.400	147508	7.76832326	129.47205	0		0	64
Unknown				CAS #:			
23.688	111413	5.86742625	97.79043	0		0	64
Unknown Alkane				CAS #:			
23.897	689996	36.3378106	605.63017	0		0	64
Unknown				CAS #:			
24.085	79769	4.20092921	70.01548	0		0	64
Unknown Alkane				CAS #:			
24.582	452970	23.8551340	397.58556	0		0	64
Unknown				CAS #:			
24.980	113225	5.46821466	91.13691	0		0	87
Unknown				CAS #:			
25.259	312166	15.0760602	251.26767	0		0	87
Unknown Alkane				CAS #:			
25.379	670600	32.3866233	539.77705	0		0	87
Unknown Alkane				CAS #:			
25.418	635678	30.7000948	511.66824	0		0	87
Unknown				CAS #:			
26.334	84182	4.06559267	67.75987	0		0	87
Unknown				CAS #:			
26.414	95358	4.60533509	76.75558	0		0	87
Unknown Alkane				CAS #:			
26.712	552032	26.6603884	444.33980	0		0	87
Unknown Alkane				CAS #:			
26.792	347242	16.7700671	279.50111	0		0	87

Data File: /chem/HP04629.i/06feb06a.b/hb069.d
Report Date: 07-Feb-2006 10:11

RT	AREA	CONCENTRATIONS ON-COL(ng/2ul)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
27.240	130235	6.28971124	104.82852	0		0	87
Unknown				CAS #:			
27.579	127728	6.16864655	102.81077	0		0	87
Unknown Alkane				CAS #:			
27.898	549299	26.5283781	442.13963	0		0	87
Unknown				CAS #:			
28.506	160011	7.72775622	128.79593	0		0	87
Unknown				CAS #:			
28.836	108022	5.21694676	86.94911	0		0	87
Unknown Alkane				CAS #:			
28.976	440658	21.2815604	354.69267	0		0	87
Unknown Alkane				CAS #:			
29.964	482355	23.2953223	388.25537	0		0	87
Unknown				CAS #:			
30.514	128715	6.21628032	103.60467	0		0	87
Unknown carboxylic acid			③ CJ42/412 2/5/06	CAS #:			
30.754	218555	13.6192487	226.98747	0		0	99
Unknown Alkane				CAS #:			
30.884	392134	24.4357383	407.26230	0		0	99
Unknown Alkane				CAS #:			
31.744	373844	23.2960103	388.26683	0		0	99
Unknown				CAS #:			
32.484	79102	4.92920995	82.15349	0		0	99
Unknown Alkane				CAS #:			
32.604	279306	17.4048853	290.08142	0		0	99
Unknown				CAS #:			
32.933	95258	5.93600261	98.93337	0		0	99
Unknown Alkane				CAS #:			
33.571	291854	18.1868543	303.11423	0		0	99

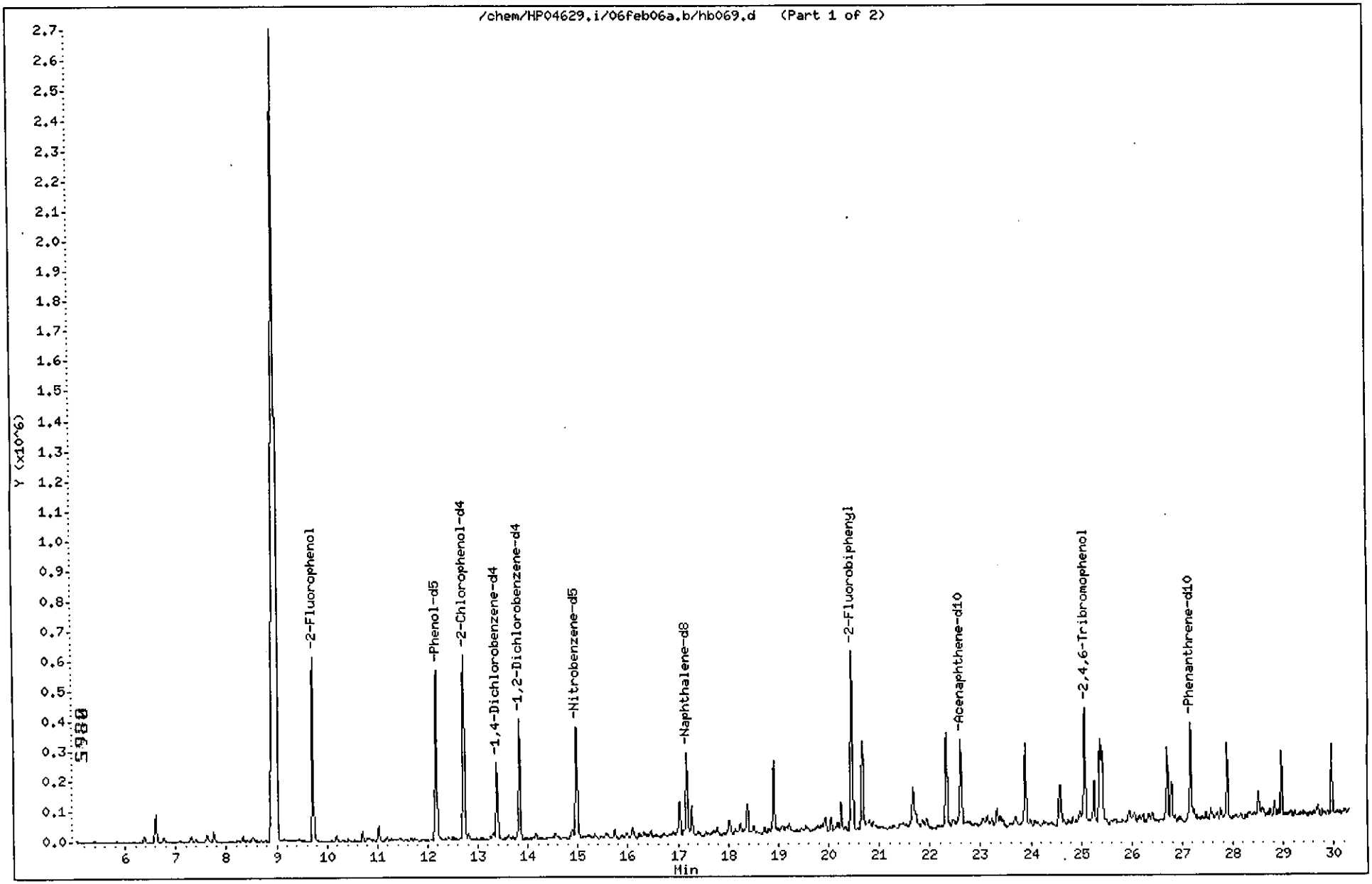
Data File: /chem/HP04629.i/06feb06a.b/hb069.d
Report Date: 07-Feb-2006 10:11

RT	AREA	CONCENTRATIONS ON-COL(ng/2ul)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown Alkane				CAS #:			
34.687	269068	16.7669570	279.44928	0		0	99
Unknown Alkane				CAS #:			
36.009	240001	14.9556289	249.26048	0		0	99
Unknown Alkane				CAS #:			
39.498	209006	18.2102254	303.50375	0		0	105
Unknown				CAS #:			
47.337	1147617	99.9894912	1666.49151	0		0	105
Unknown				CAS #:			
48.197	79498	6.92653485	115.44224	0		0	105

Data File: /chem/HP04629.i/06feb06a.b/hb069.d
Date : 07-FEB-2006 06:18
Client ID: 6010-
Sample Info: 6010-;4692572;
Volume Injected (uL): 2.0
Column phase: J&W DB-5.625

Instrument: HP04629.i

Operator: lmh00956
Column diameter: 0.25



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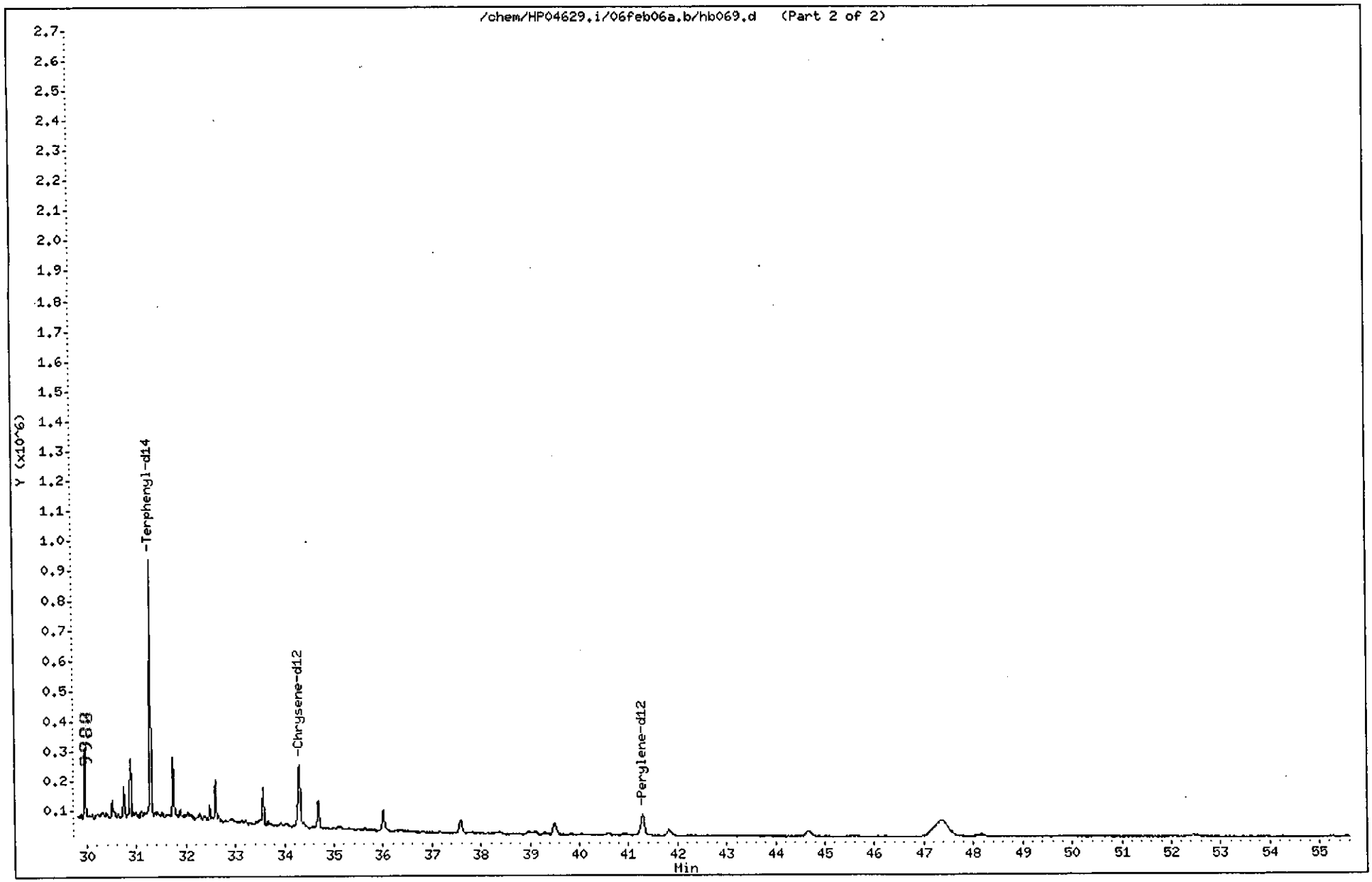
Date : 07-FEB-2006 06:18
Client ID: 6010-
Sample Info: 6010-;4692572;
Volume Injected (uL): 2.0
Column phase: J&W DB-5.625

Instrument: HP04629.i

Operator: lmh00956
Column diameter: 0.25



Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

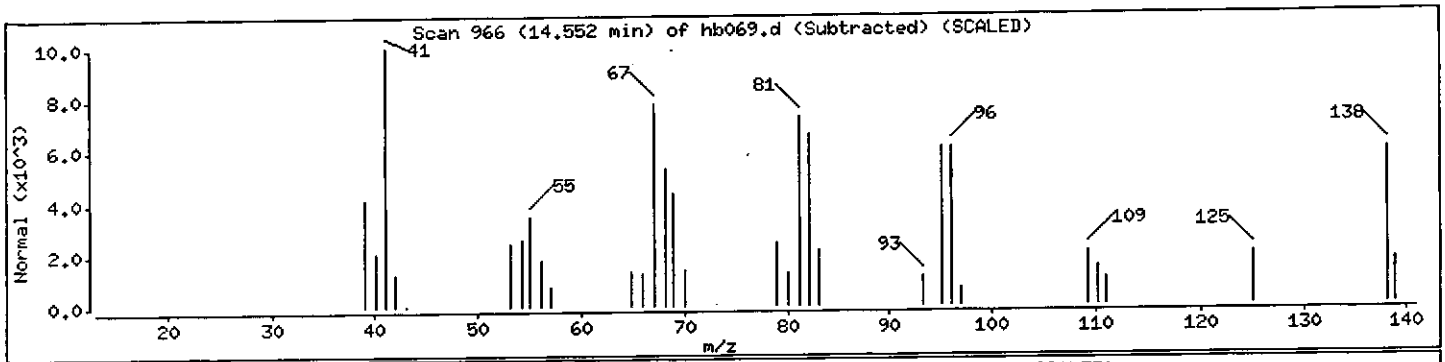
Volume Injected (uL): 2.0

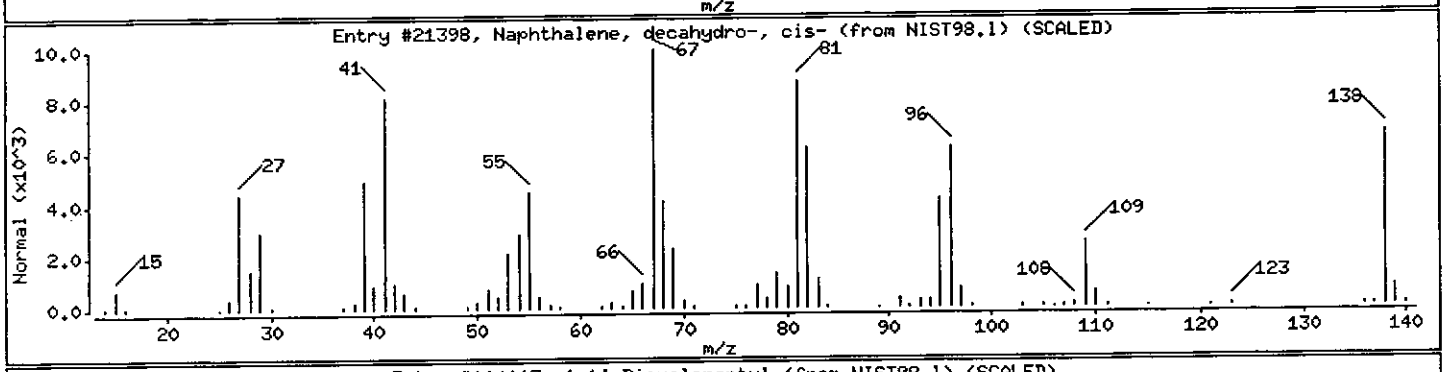
Operator: lmh00956

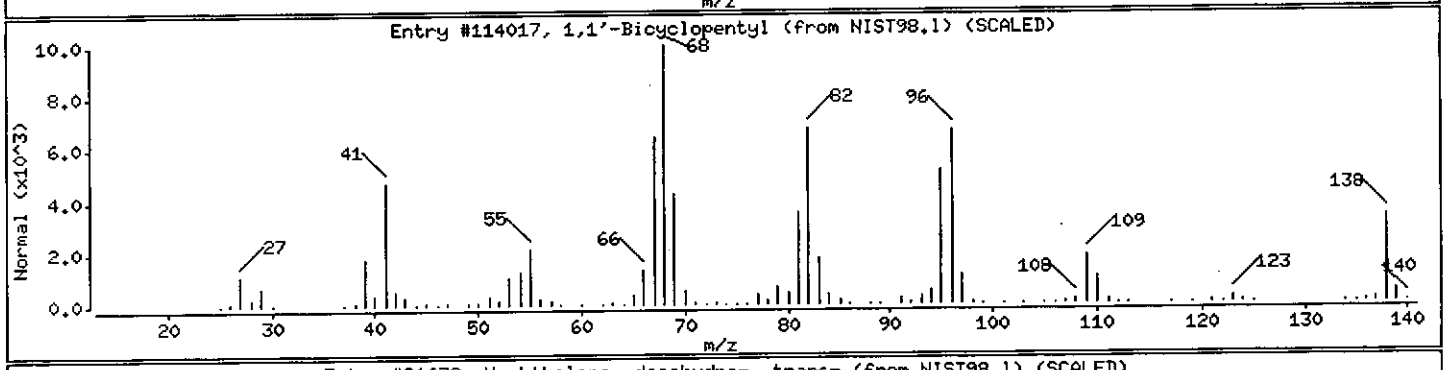
Column phase: J&W DB-5.625

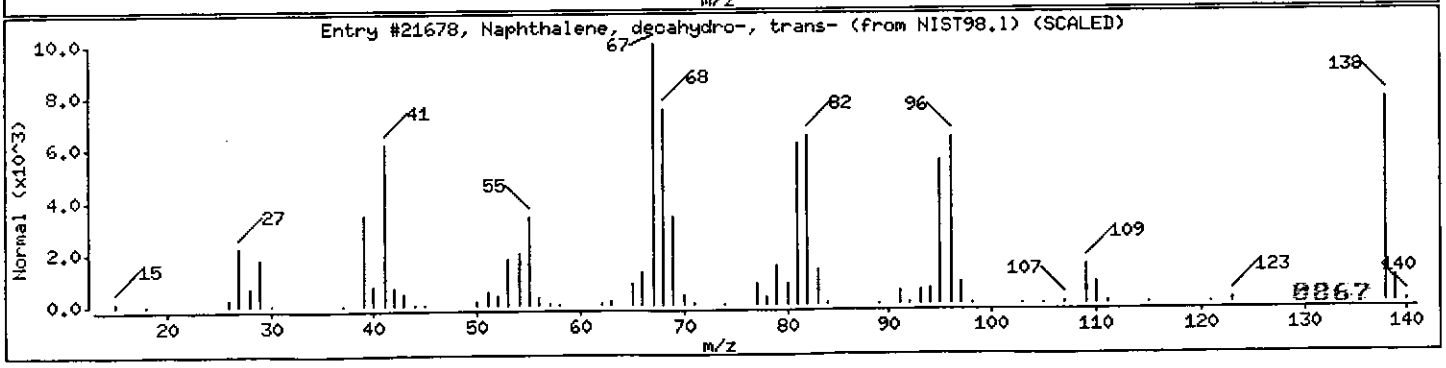
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, decahydro-, cis-		NIST98.1	21398	94	C10H18	138
1,1'-Bicyclopentyl	1636-39-1	NIST98.1	114017	90	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST98.1	21678	87	C10H18	138









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

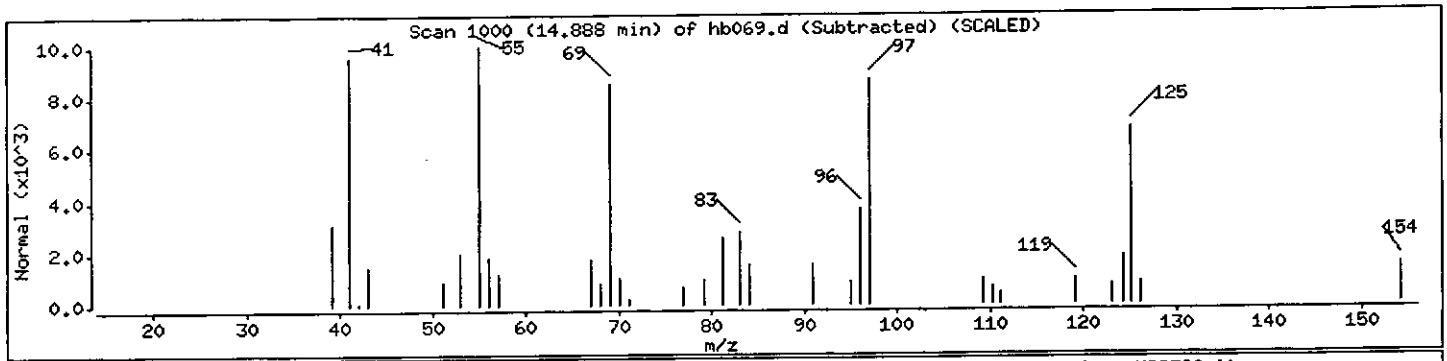
Volume Injected (uL): 2.0

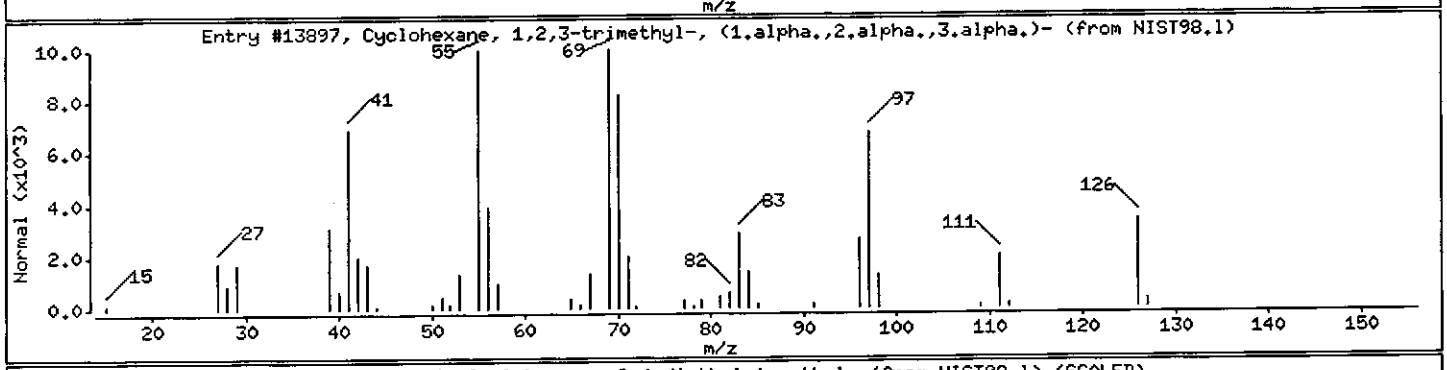
Operator: lmh00956

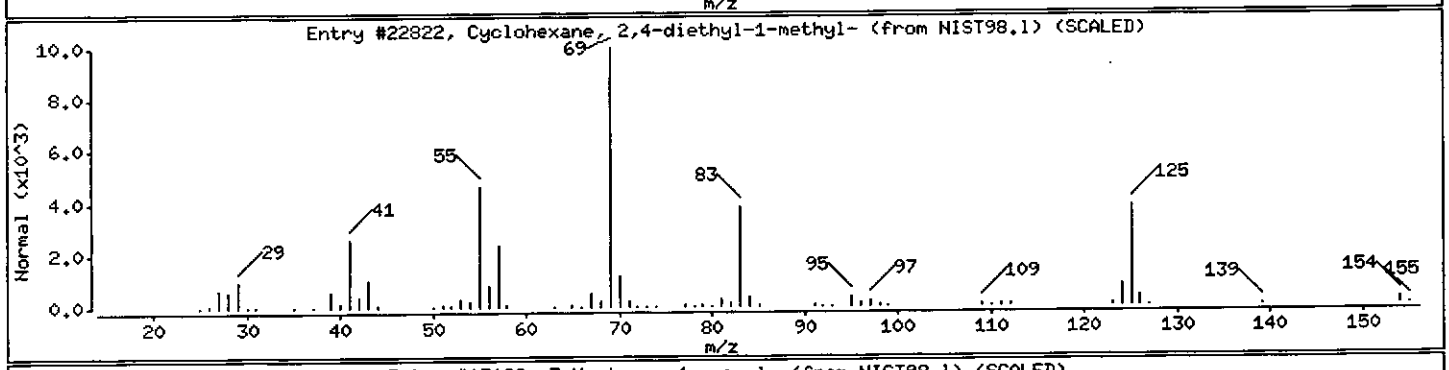
Column phase: J&W DB-5.625

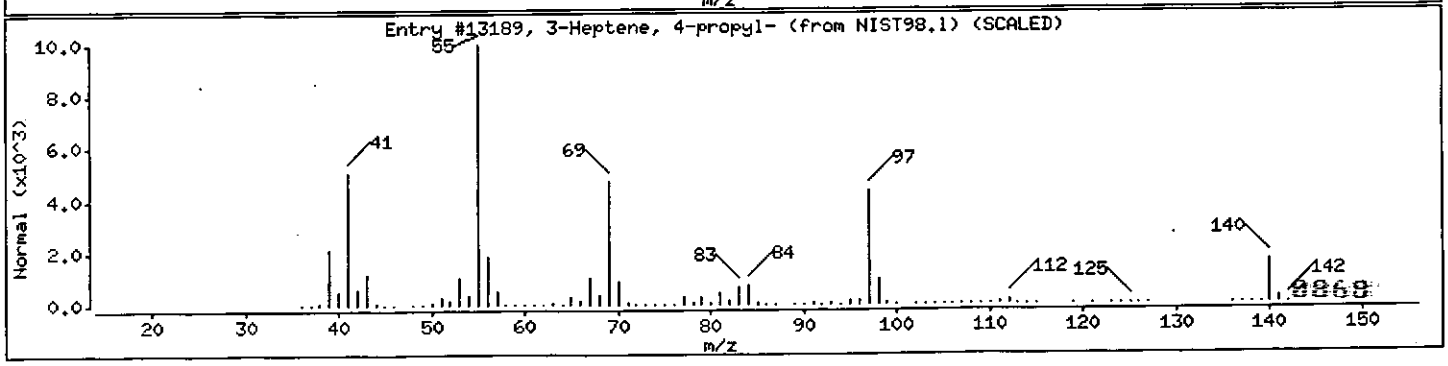
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	1839-88-9	NIST98.1	13897	50	C9H18	126
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST98.1	22822	50	C11H22	154
3-Heptene, 4-propyl-	4485-13-6	NIST98.1	13189	47	C10H20	140









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

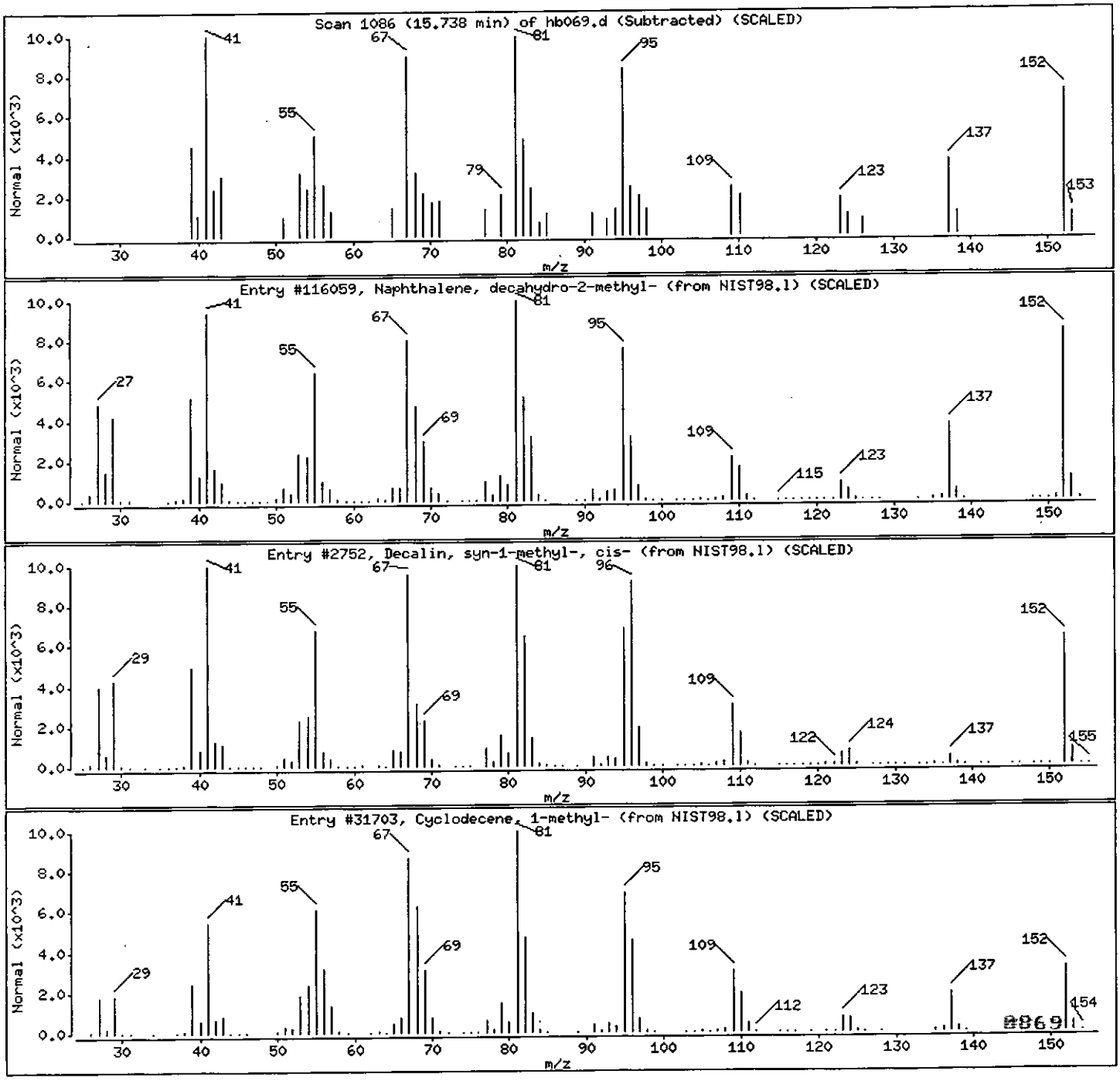
Volume Injected (uL): 2.0

Operator: lmh00956

Column phase: J&W DB-5.625

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, decahydro-2-methyl-		NIST98.1	116059	90	C11H20	152
Decalin, syn-1-methyl-, cis-	1000158-89-1	NIST98.1	2752	89	C11H20	152
Cyclodecene, 1-methyl-	66633-38-3	NIST98.1	31703	87	C11H20	152



Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

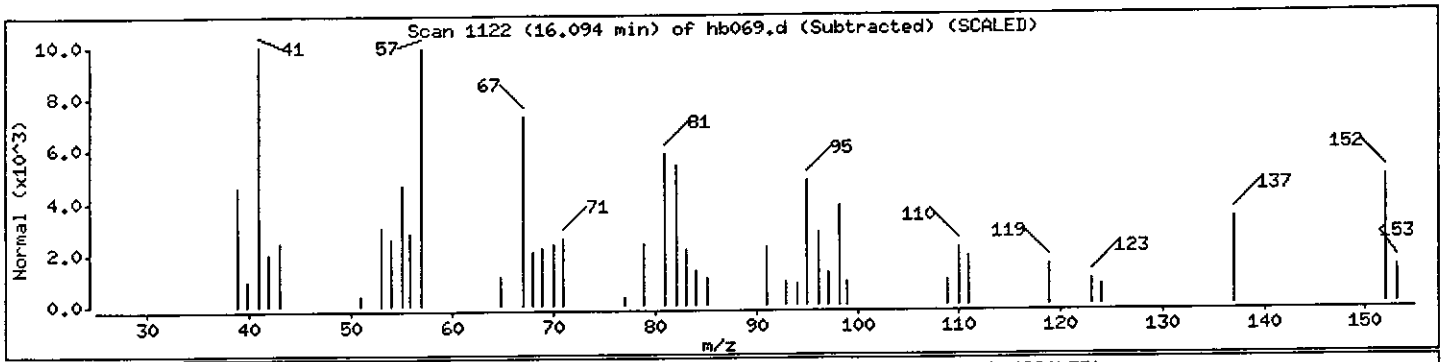
Volume Injected (uL): 2.0

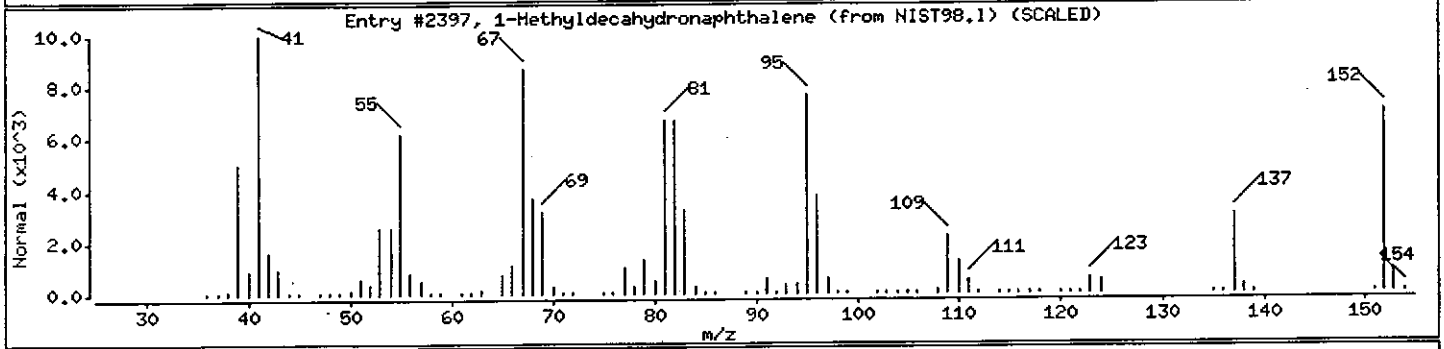
Operator: lmh00956

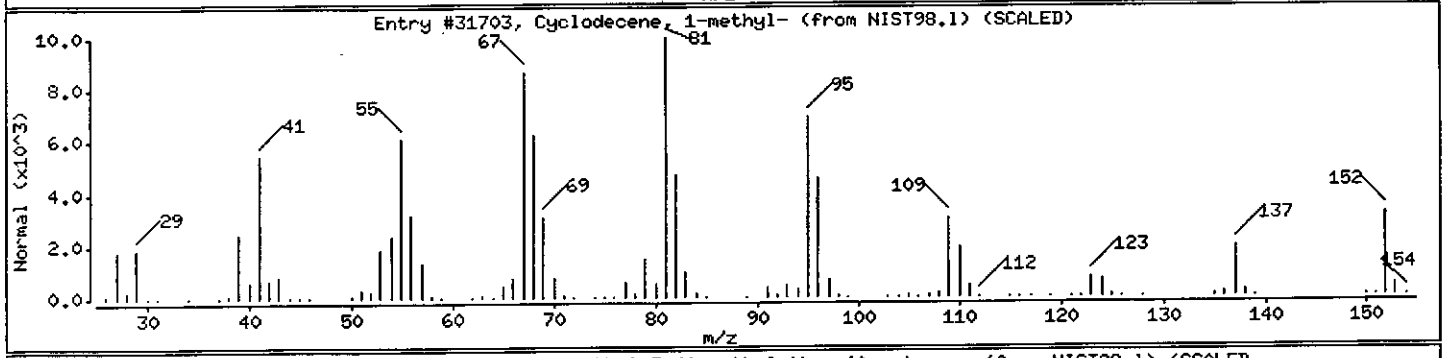
Column phase: J&W DB-5.625

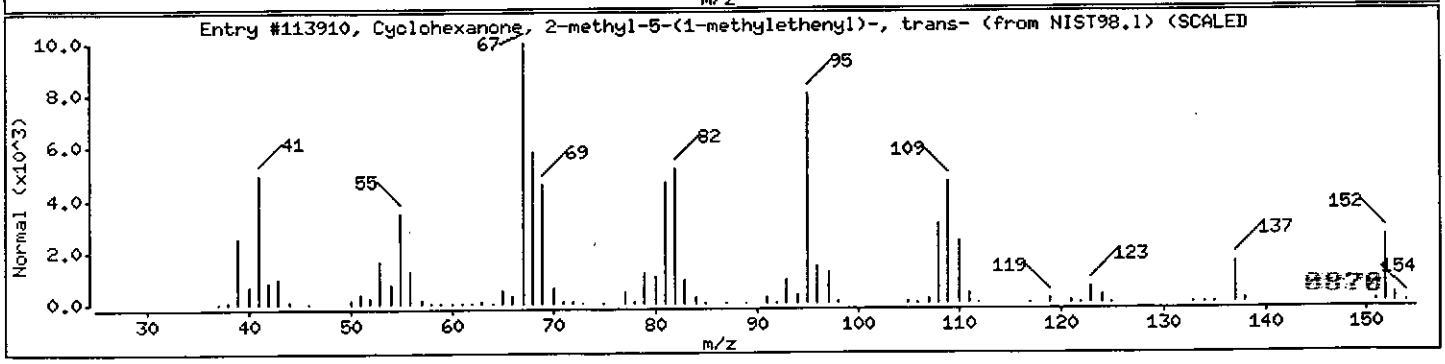
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Methyldecahydronaphthalene		NIST98.1	2397	76	C11H20	152
Cyclodecene, 1-methyl-	66633-38-3	NIST98.1	31703	74	C11H20	152
Cyclohexanone, 2-methyl-5-(1-methylethen	5948-04-9	NIST98.1	113910	59	C10H16O	152









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Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

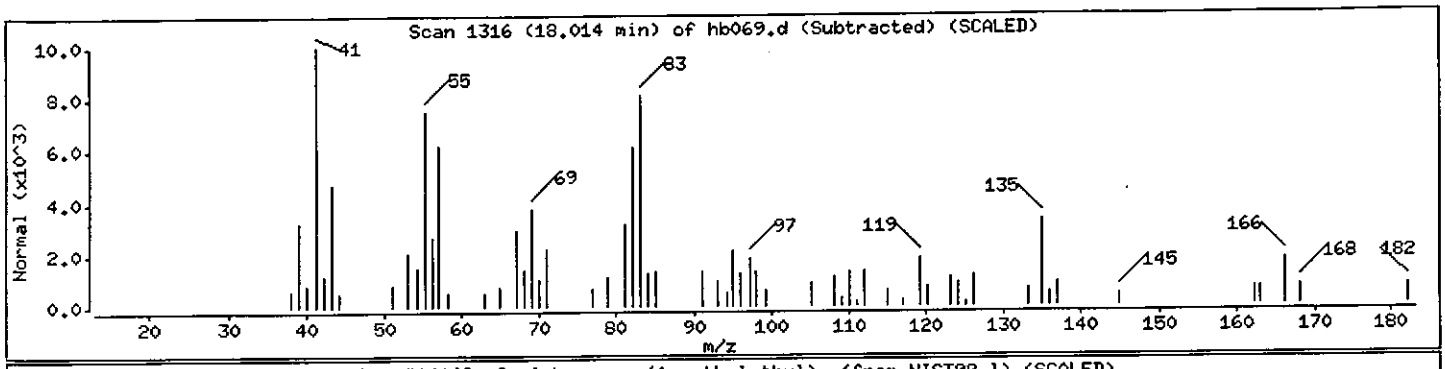
Volume Injected (uL): 2.0

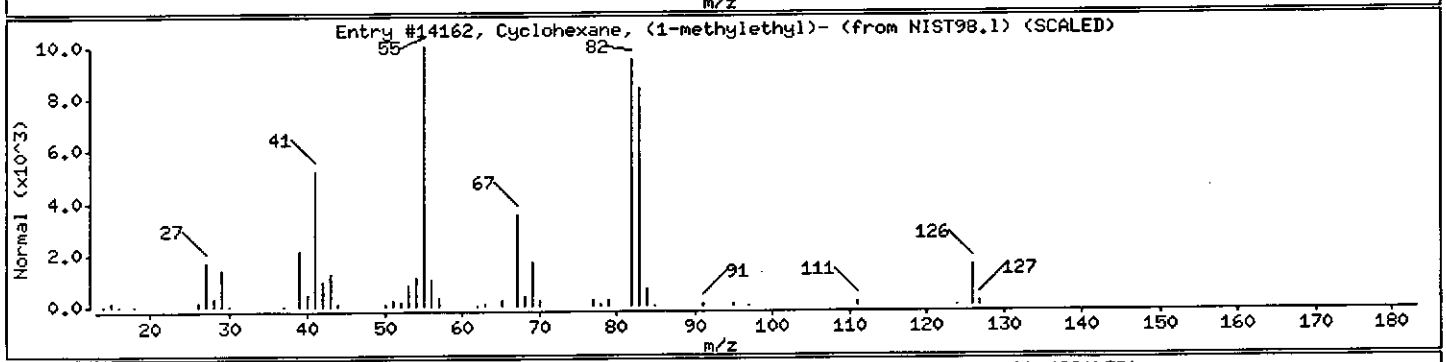
Operator: lmh00956

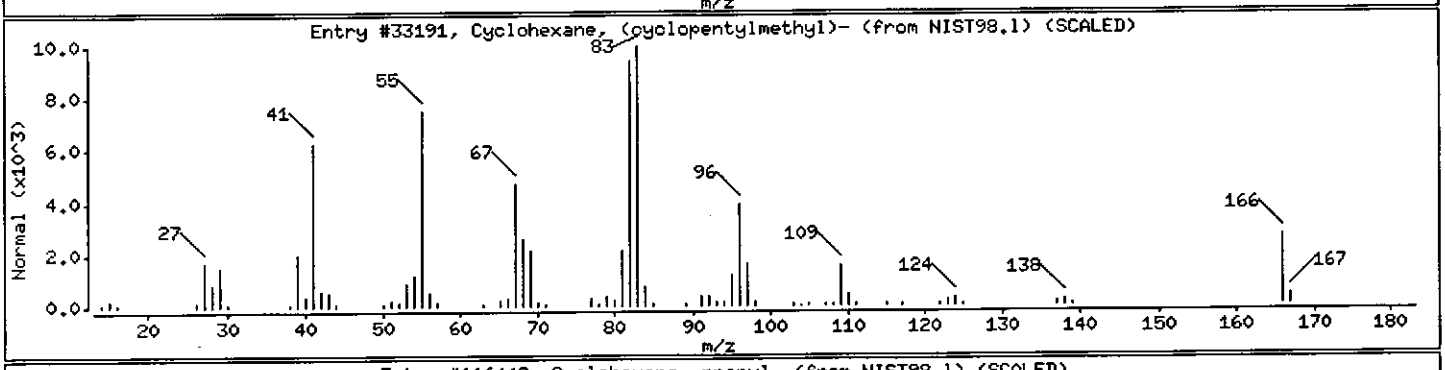
Column phase: J&W DB-5.625

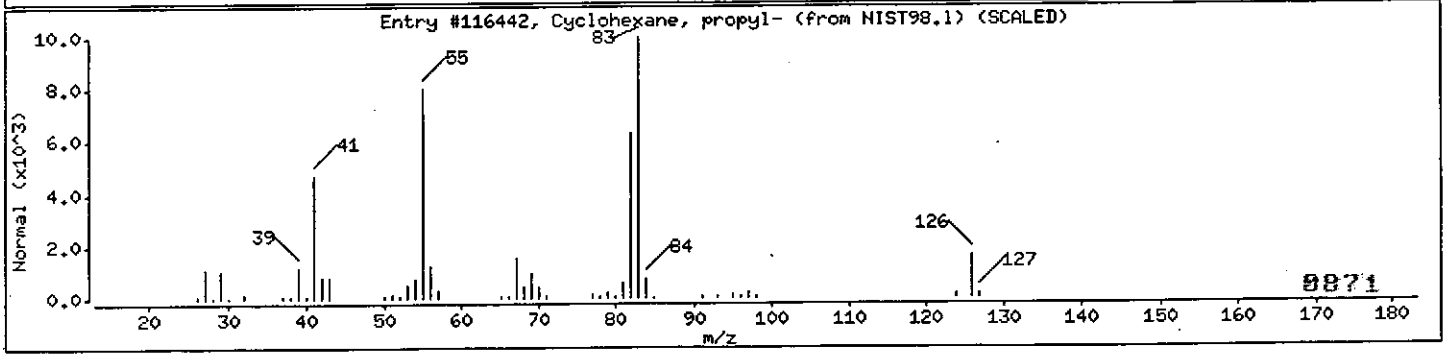
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, (1-methylethyl)-	696-29-7	NIST98.1	14162	53	C9H18	126
Cyclohexane, (cyclopentylmethyl)-	4431-89-4	NIST98.1	33191	49	C12H22	166
Cyclohexane, propyl-	1678-92-8	NIST98.1	116442	49	C9H18	126









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Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

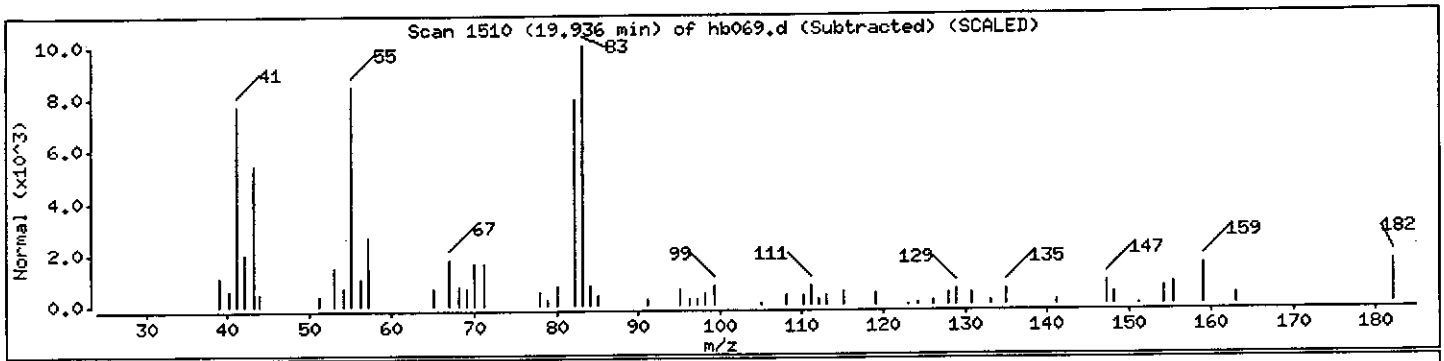
Volume Injected (uL): 2.0

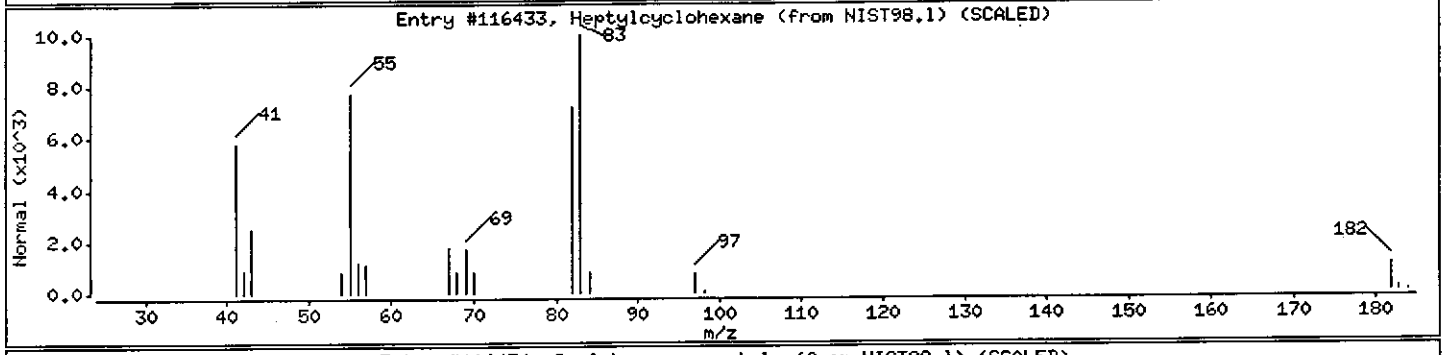
Operator: lmh00956

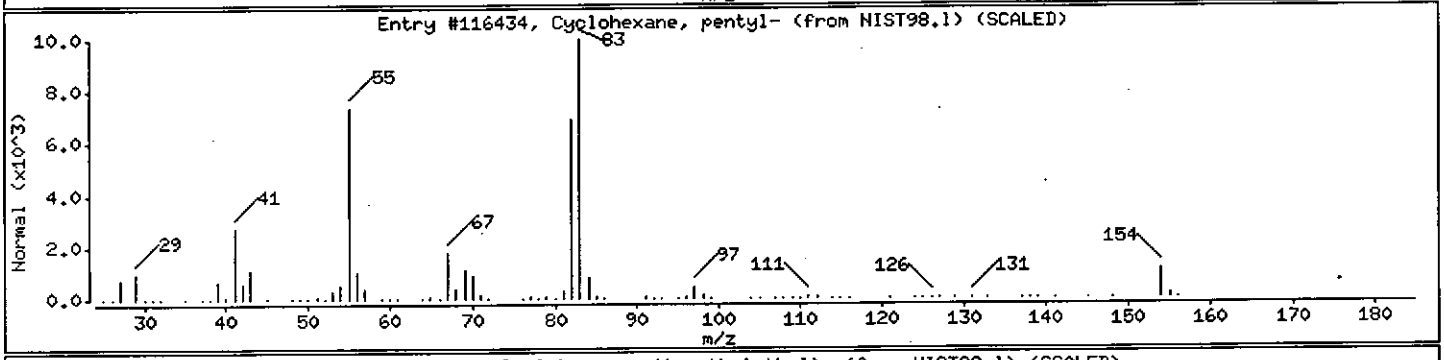
Column phase: J&W DB-5.625

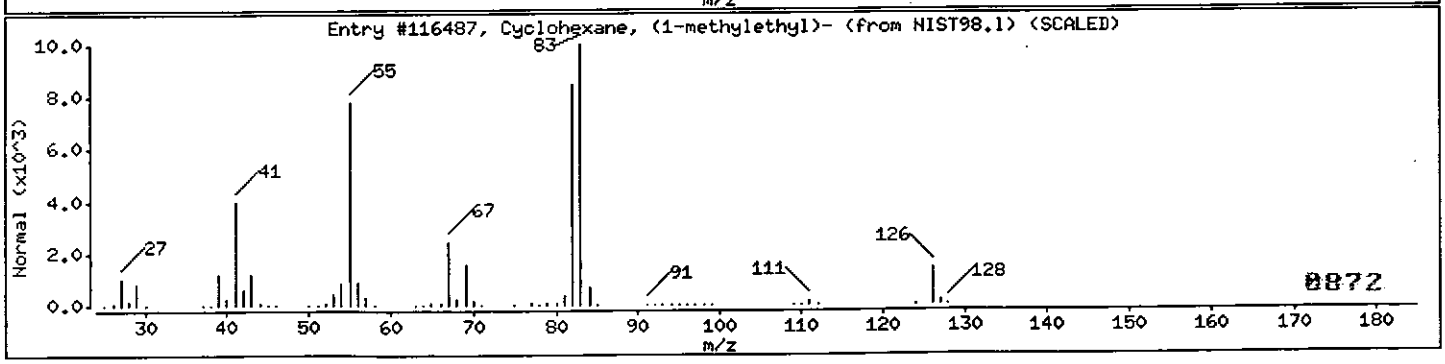
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Heptylcyclohexane	5617-41-4	NIST98.1	116433	74	C13H26	182
Cyclohexane, pentyl-	4292-92-6	NIST98.1	116434	64	C11H22	154
Cyclohexane, (1-methylethyl)-	696-29-7	NIST98.1	116487	47	C9H18	126









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

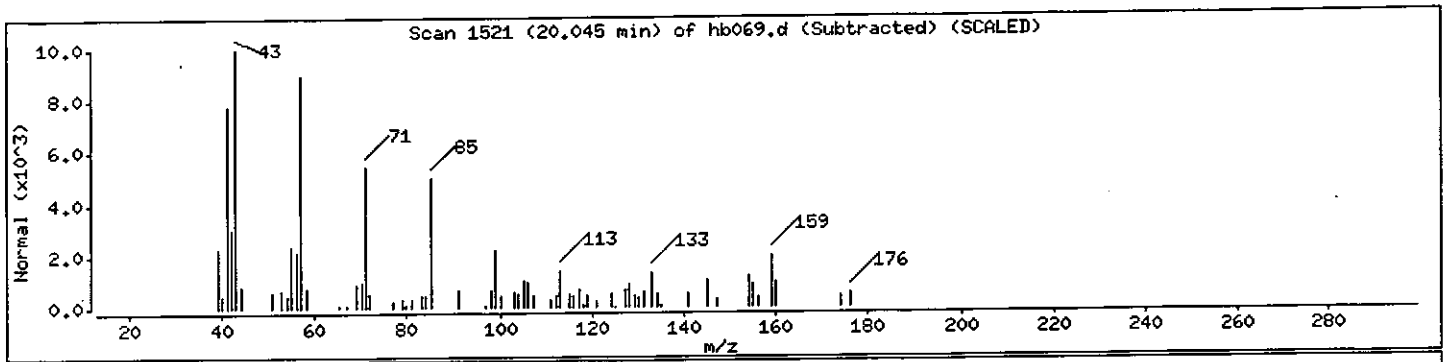
Volume Injected (uL): 2.0

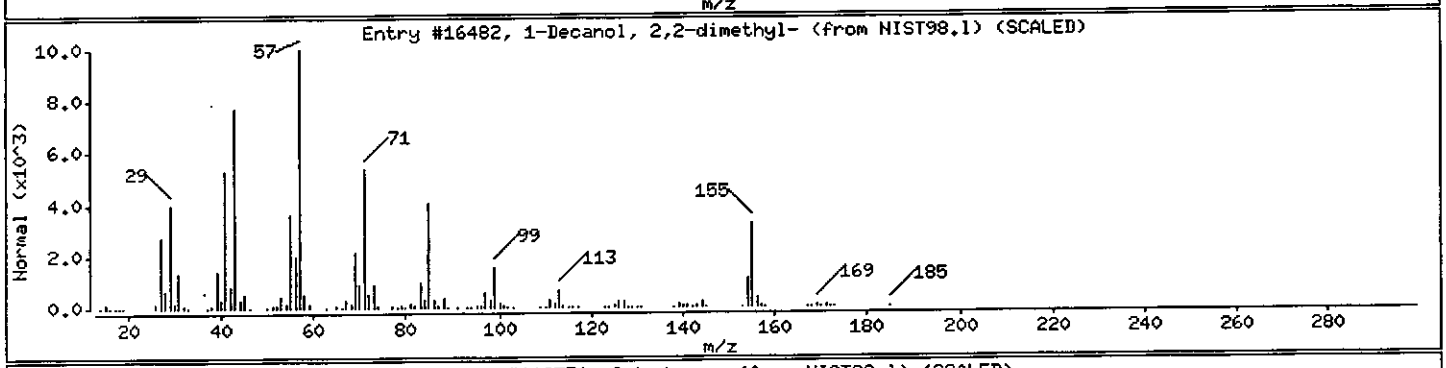
Operator: lmh00956

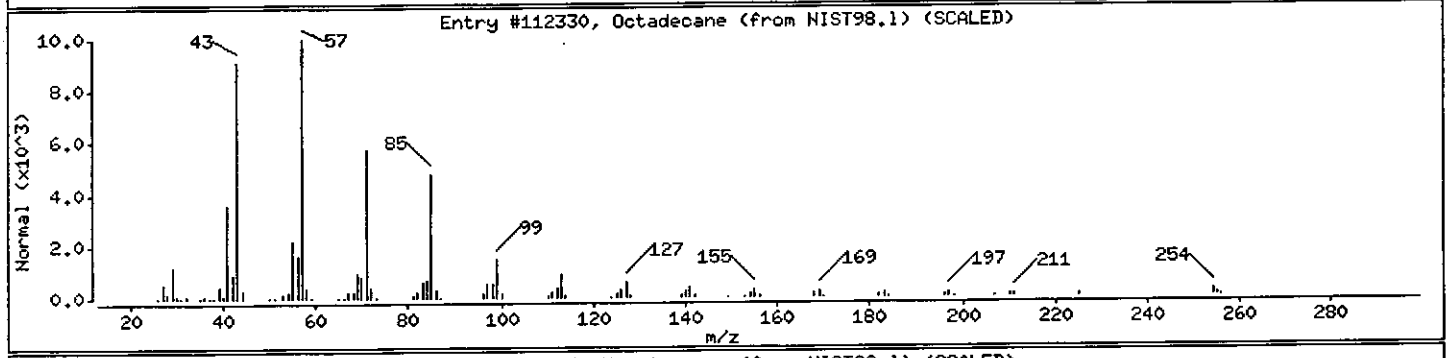
Column phase: J&W DB-5.625

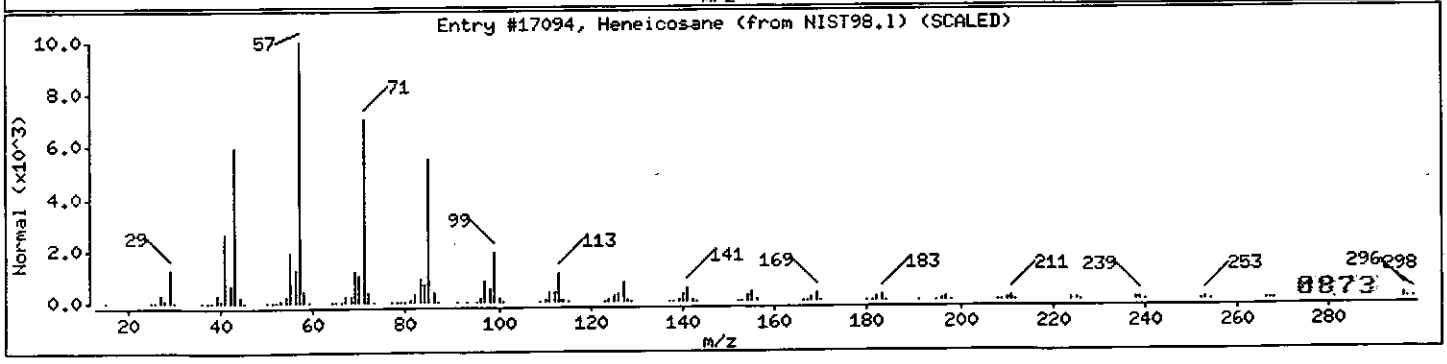
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Decanol, 2,2-dimethyl-	2370-15-2	NIST98.1	16482	47	C12H26O	186
Octadecane	593-45-3	NIST98.1	112330	46	C18H38	254
Heneicosane	629-94-7	NIST98.1	17094	43	C21H44	296









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Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

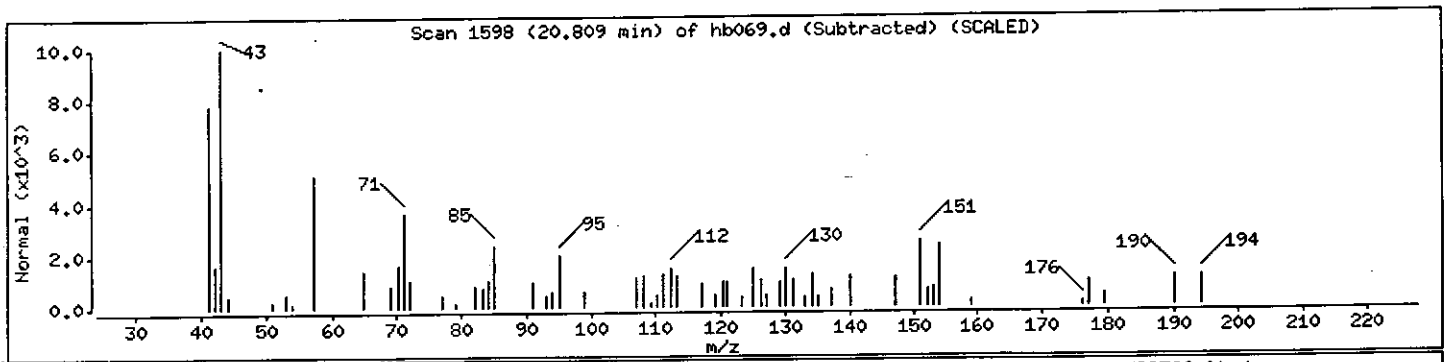
Volume Injected (uL): 2.0

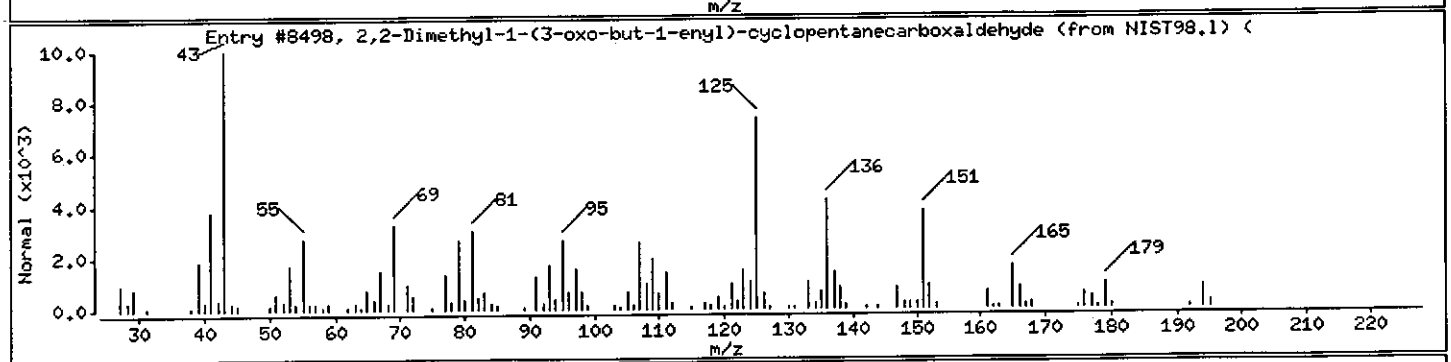
Operator: lmh00956

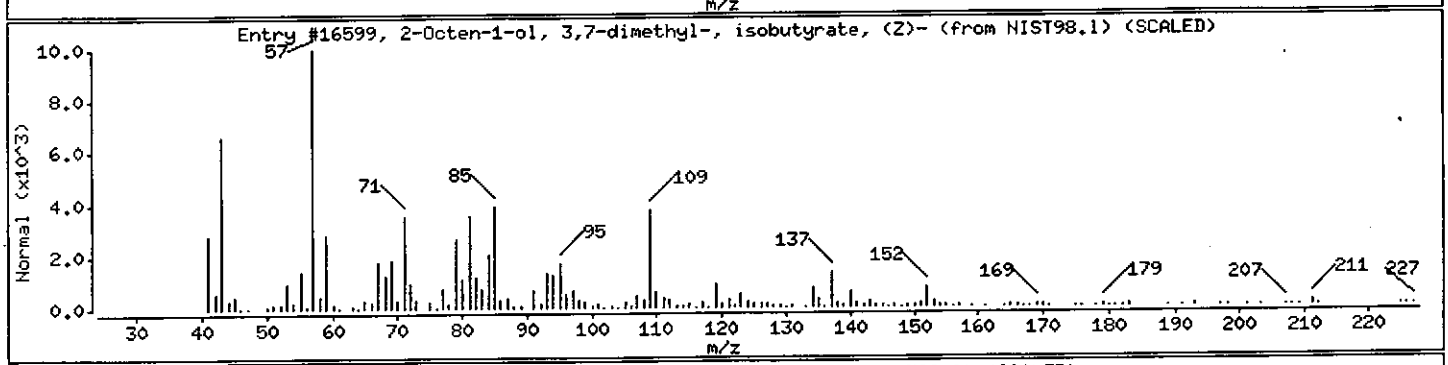
Column phase: J&W DB-5.625

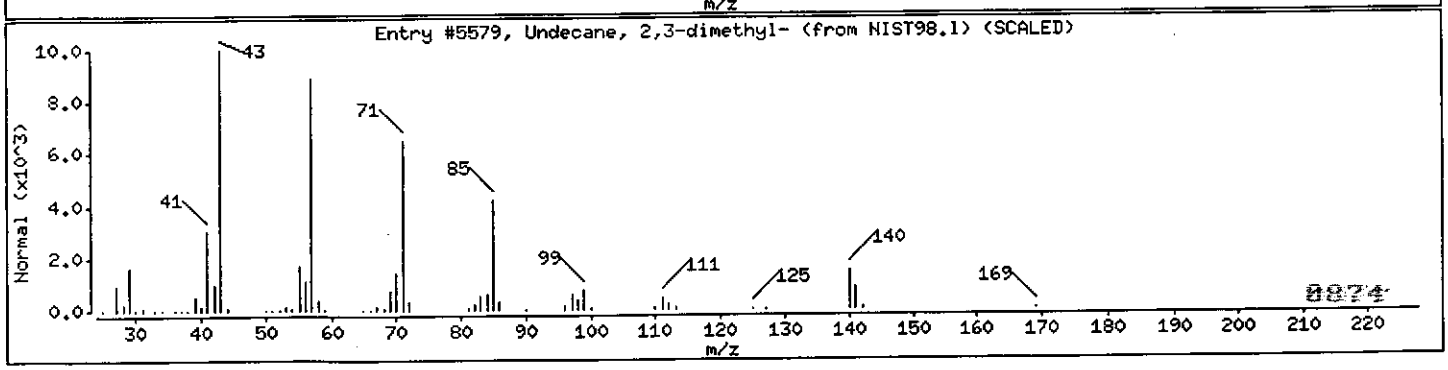
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,2-Dimethyl-1-(3-oxo-but-1-enyl)-cyclop	1000188-04-4	NIST98.1	8498	10	C12H1802	194
2-Octen-1-ol, 3,7-dimethyl-, isobutyrate	1000132-45-6	NIST98.1	16599	10	C14H2602	226
Undecane, 2,3-dimethyl-	17312-77-5	NIST98.1	5579	10	C13H28	184









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Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

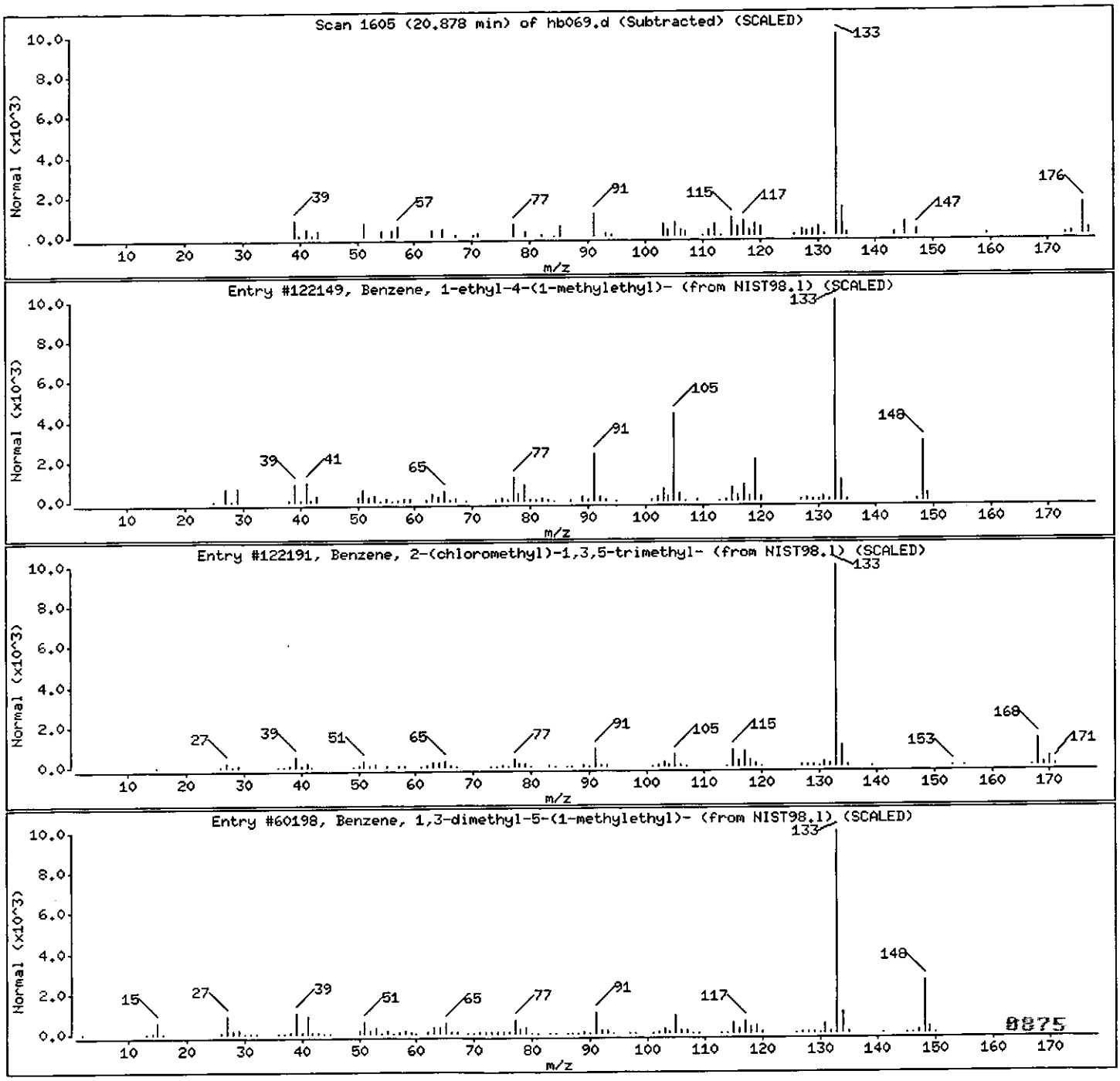
Volume Injected (uL): 2.0

Operator: lmh00956

Column phase: J&W DB-5.625

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzene, 1-ethyl-4-(1-methylethyl)-	4218-48-8	NIST98.1	122149	64	C11H16	148
Benzene, 2-(chloromethyl)-1,3,5-trimethy	1585-16-6	NIST98.1	122191	64	C10H13Cl	168
Benzene, 1,3-dimethyl-5-(1-methylethyl)-	4706-90-5	NIST98.1	60198	64	C11H16	148



Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

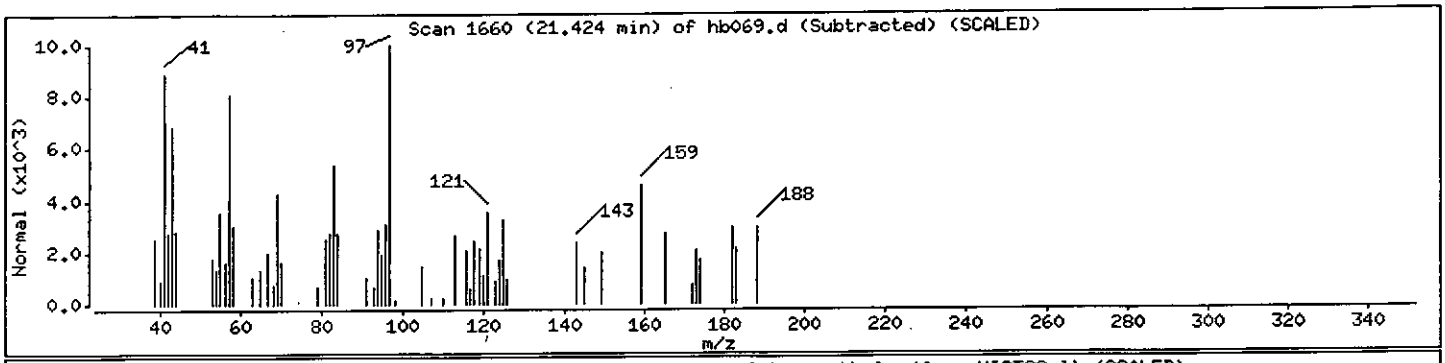
Volume Injected (uL): 2.0

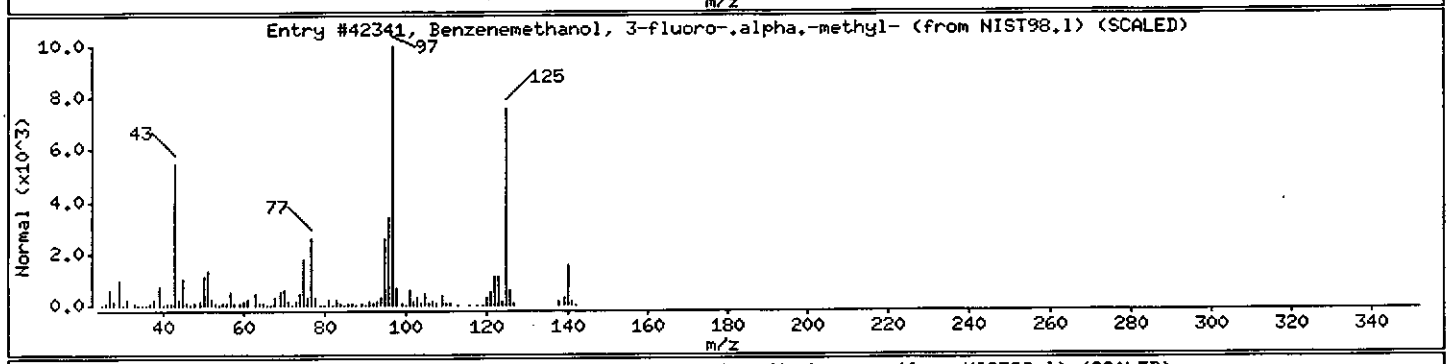
Operator: lmh00956

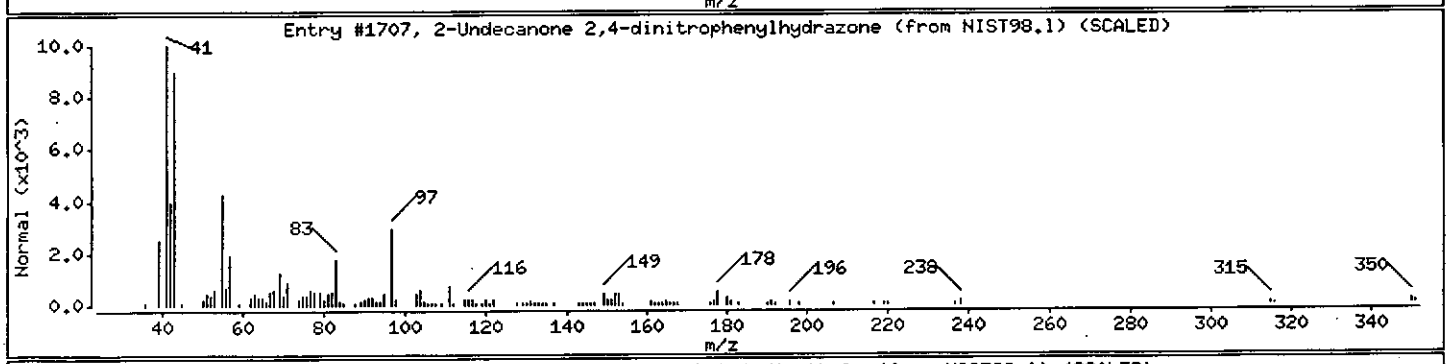
Column phase: J&W DB-5.625

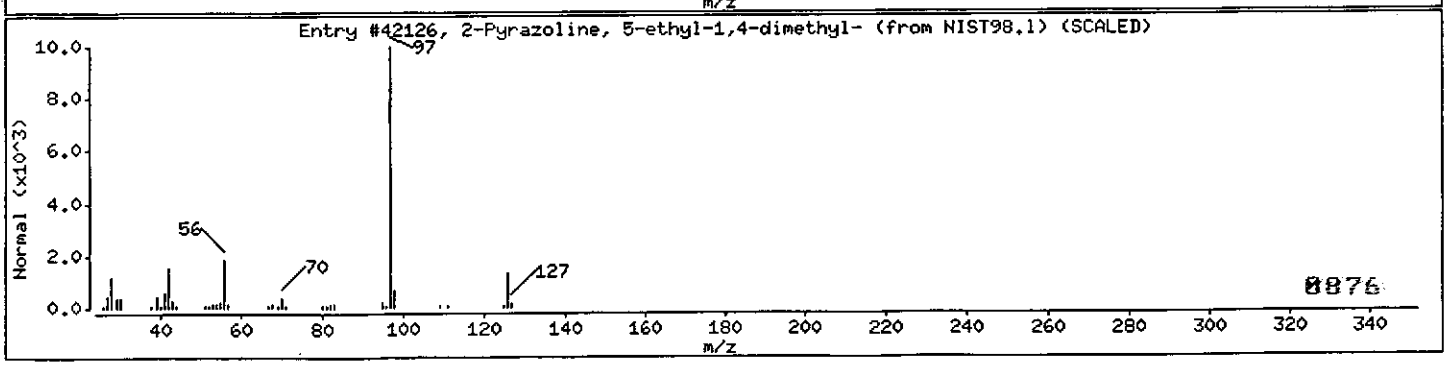
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzenemethanol, 3-fluoro-.alpha.-methyl	402-63-1	NIST98.1	42341	12	C8H9FO	140
2-Undecanone 2,4-dinitrophenylhydrazone	1000223-70-3	NIST98.1	1707	10	C17H26N4O4	350
2-Pyrazoline, 5-ethyl-1,4-dimethyl-	14339-23-2	NIST98.1	42126	9	C7H14N2	126









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Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

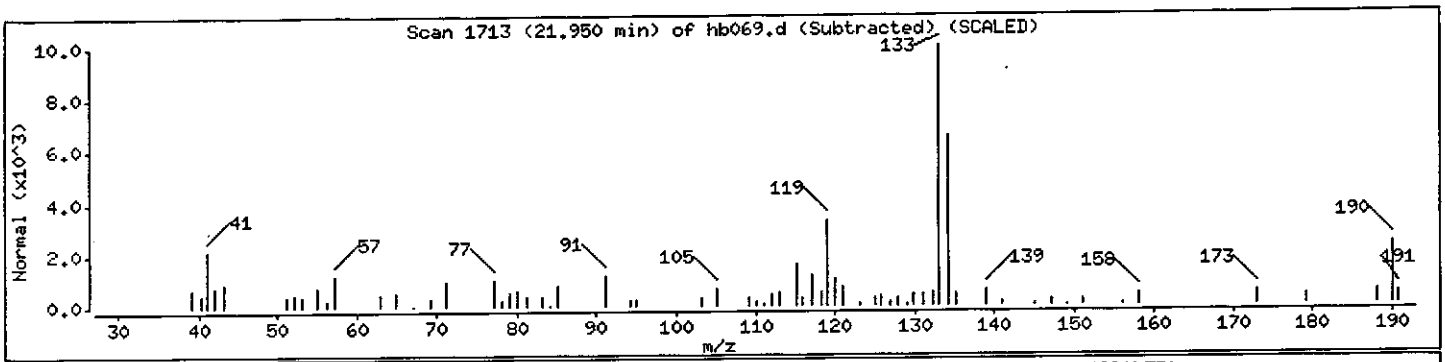
Volume Injected (uL): 2.0

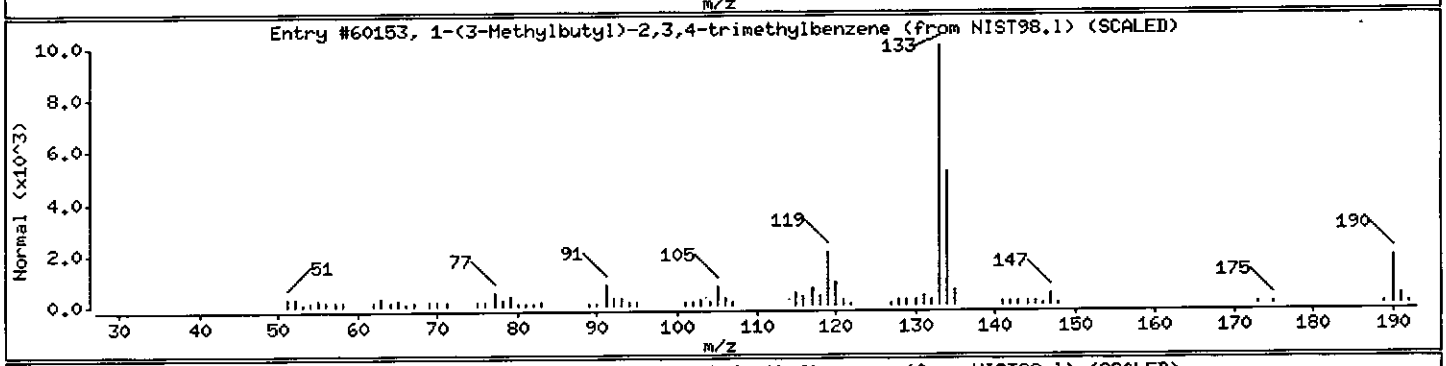
Operator: lmh00956

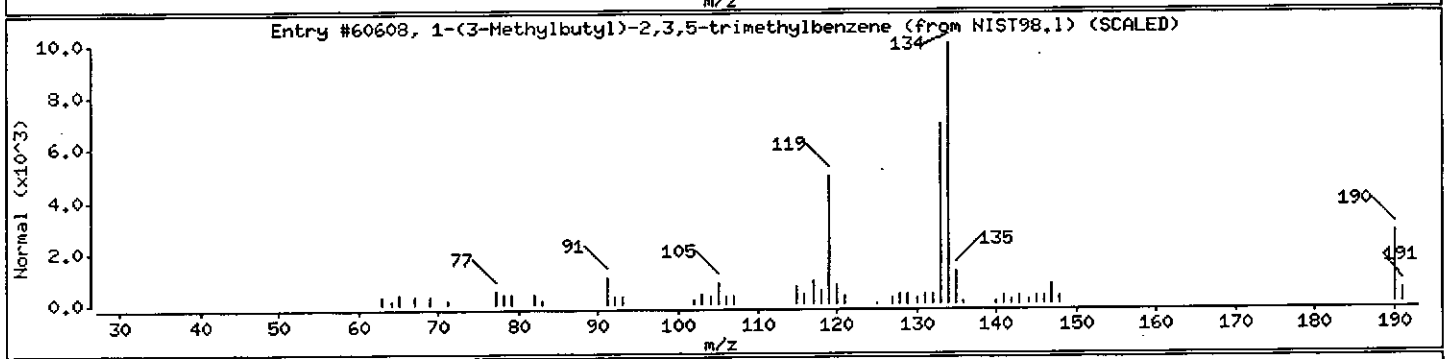
Column phase: J&W DB-5.625

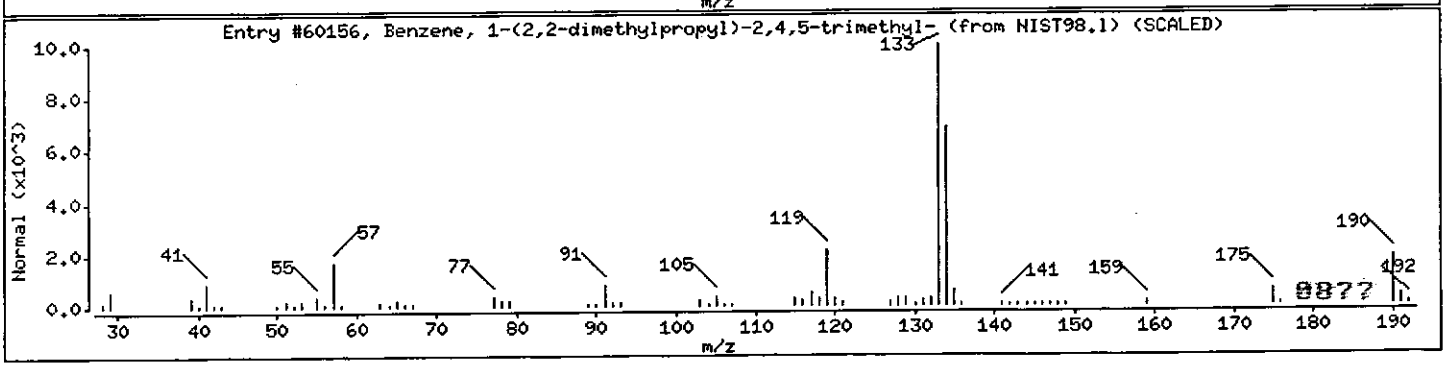
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-(3-Methylbutyl)-2,3,4-trimethylbenzene	1000245-50-4	NIST98.1	60153	87	C14H22	190
1-(3-Methylbutyl)-2,3,5-trimethylbenzene	1000245-50-3	NIST98.1	60608	86	C14H22	190
Benzene, 1-(2,2-dimethylpropyl)-2,4,5-tr	56666-87-6	NIST98.1	60156	72	C14H22	190









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

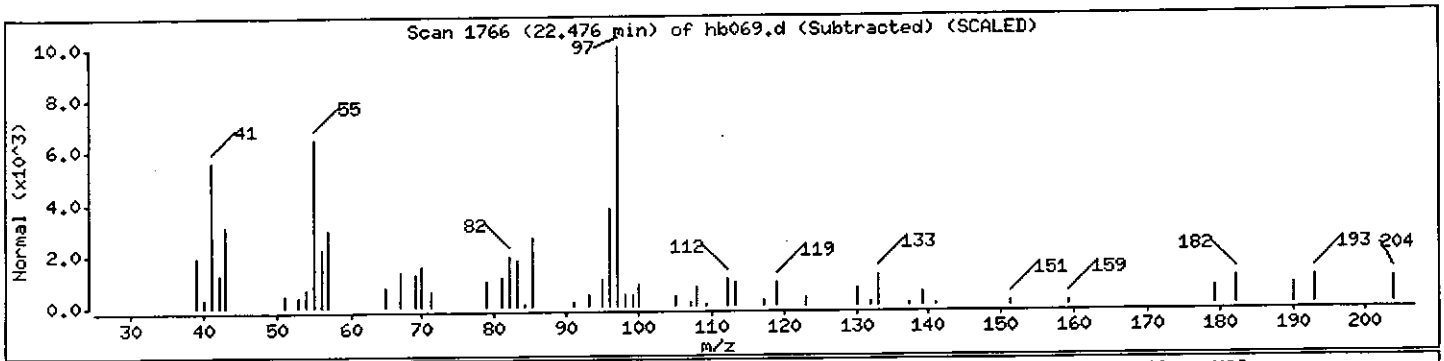
Volume Injected (uL): 2.0

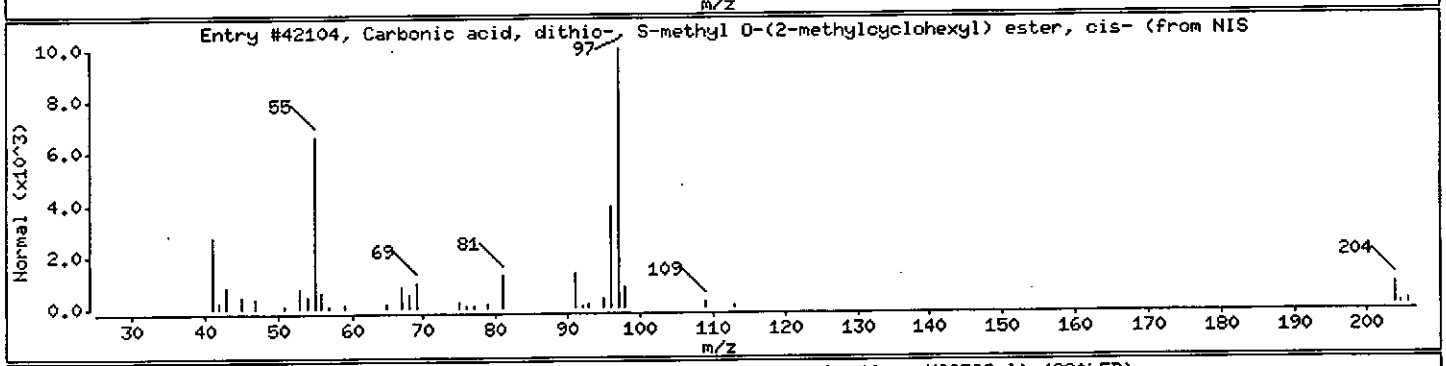
Operator: lmh00956

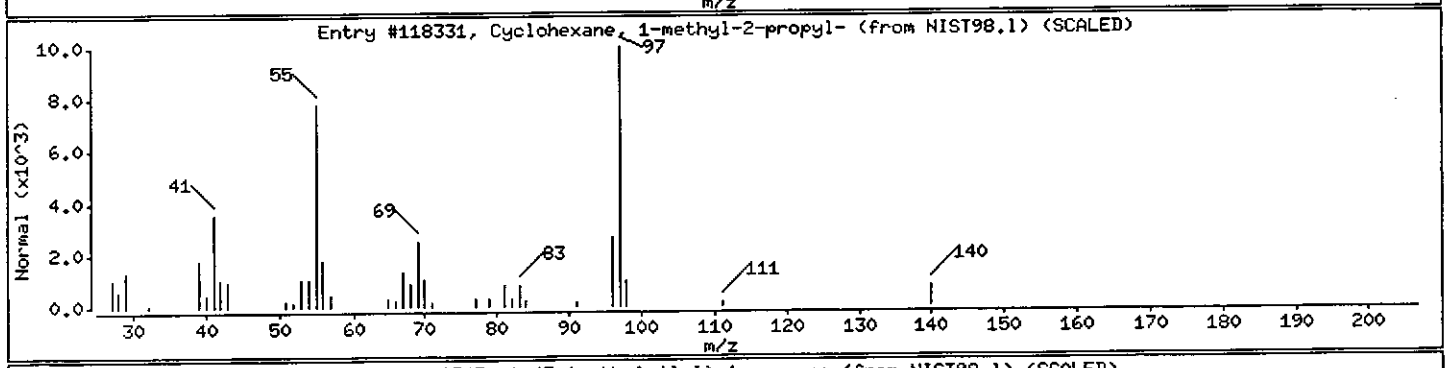
Column phase: J&W DB-5.625

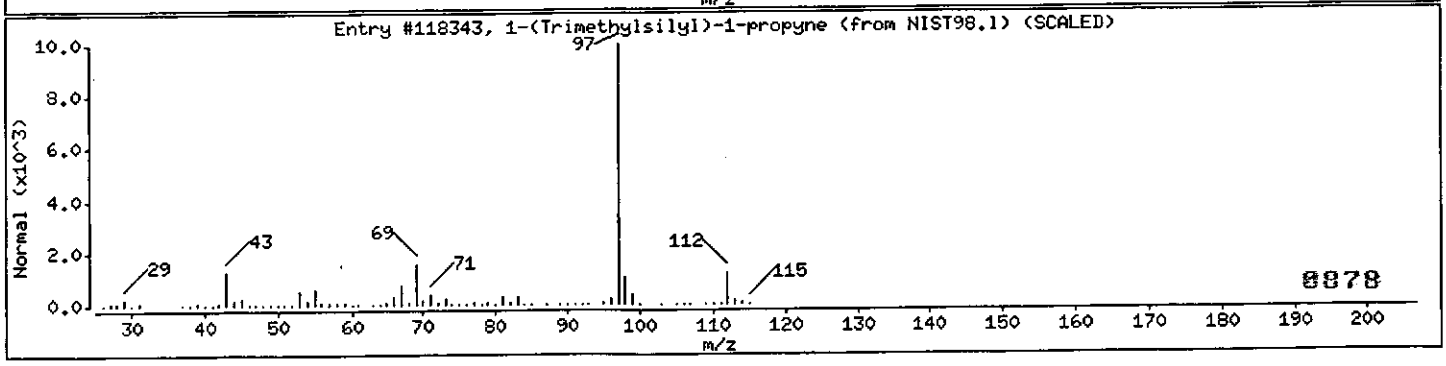
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonic acid, dithio-, S-methyl O-(2-me	15288-12-7	NIST98.1	42104	49	C9H16OS2	204
Cyclohexane, 1-methyl-2-propyl-	4291-79-6	NIST98.1	118331	38	C10H20	140
1-(Trimethylsilyl)-1-propyne	6224-91-5	NIST98.1	118343	38	C6H12Si	112









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

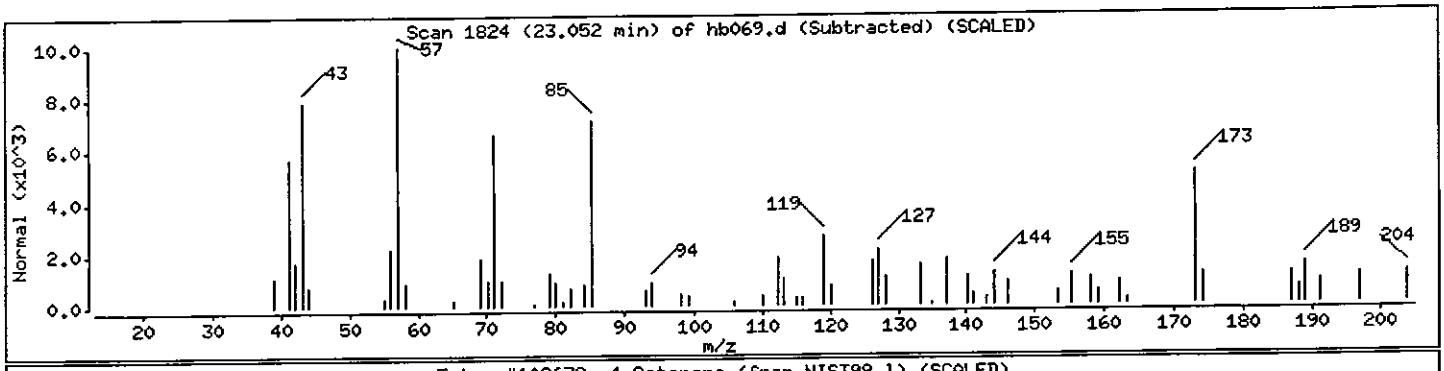
Volume Injected (uL): 2.0

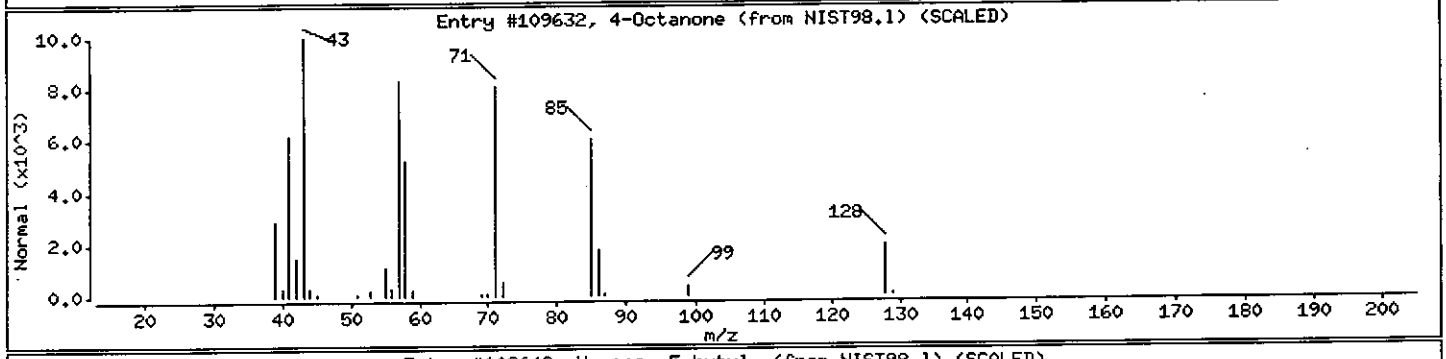
Operator: lmh00956

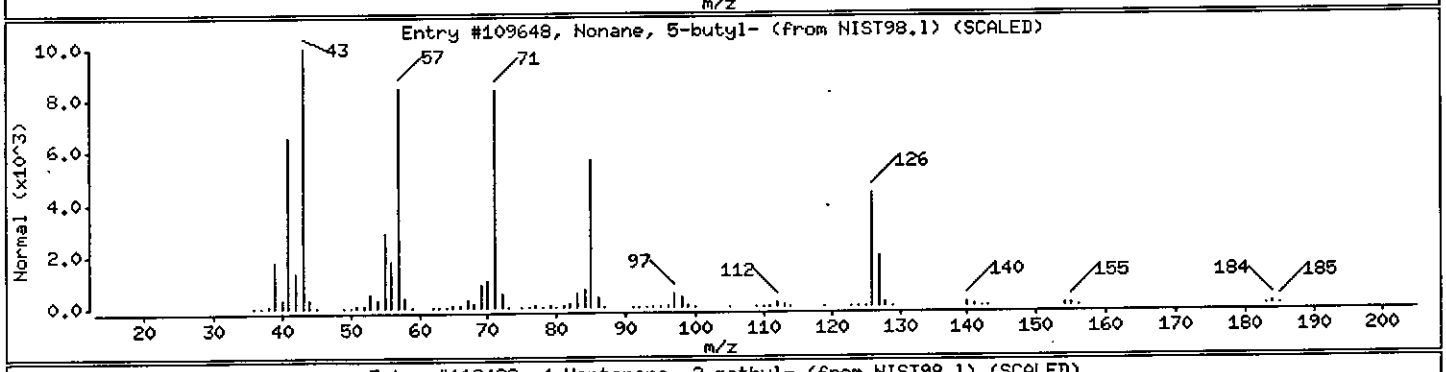
Column phase: J&W DB-5.625

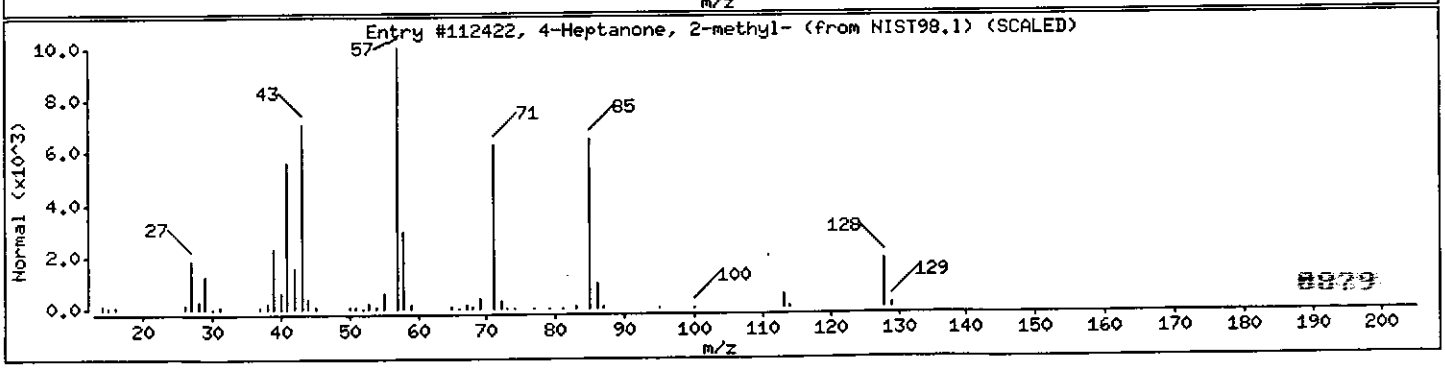
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4-Octanone	589-63-9	NIST98.1	109632	30	C8H16O	128
Nonane, 5-butyl-	17312-63-9	NIST98.1	109648	27	C13H28	184
4-Heptanone, 2-methyl-	626-33-5	NIST98.1	112422	27	C8H16O	128









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

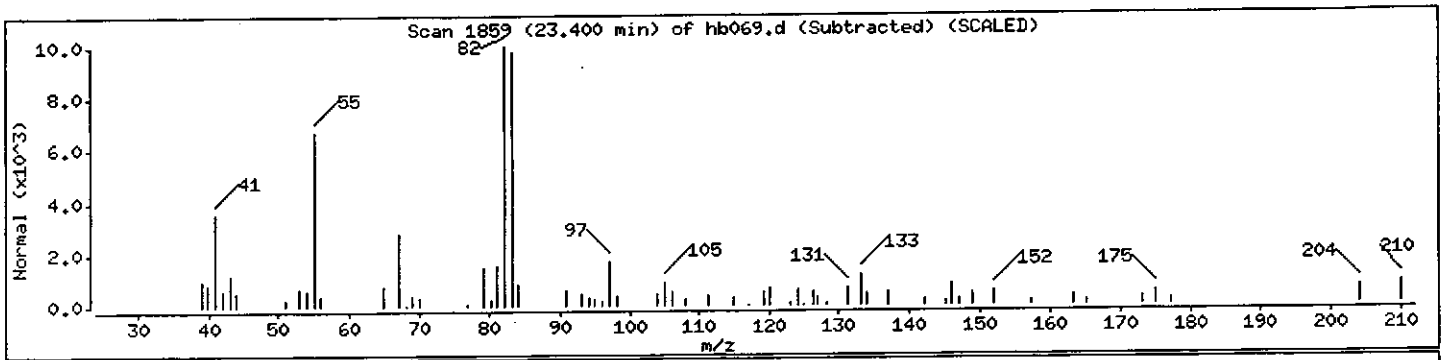
Volume Injected (uL): 2.0

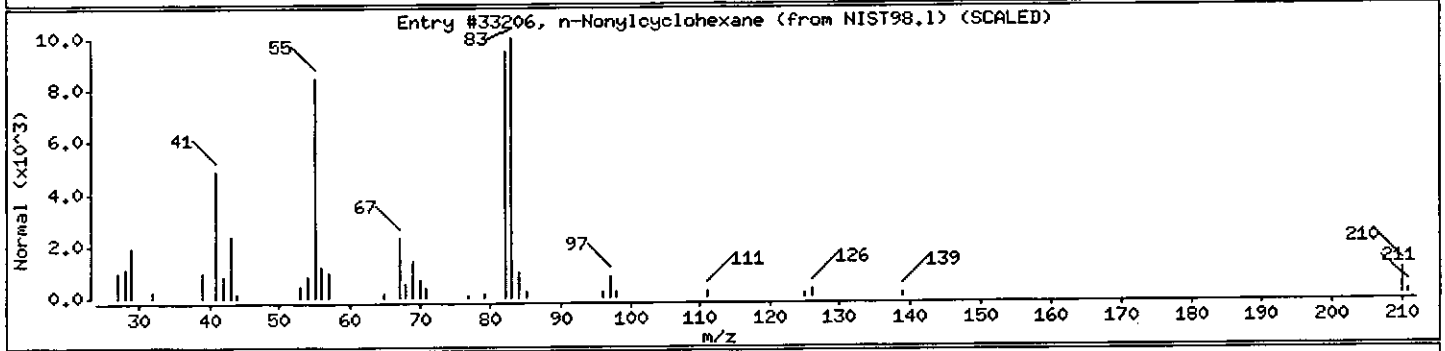
Operator: lmh00956

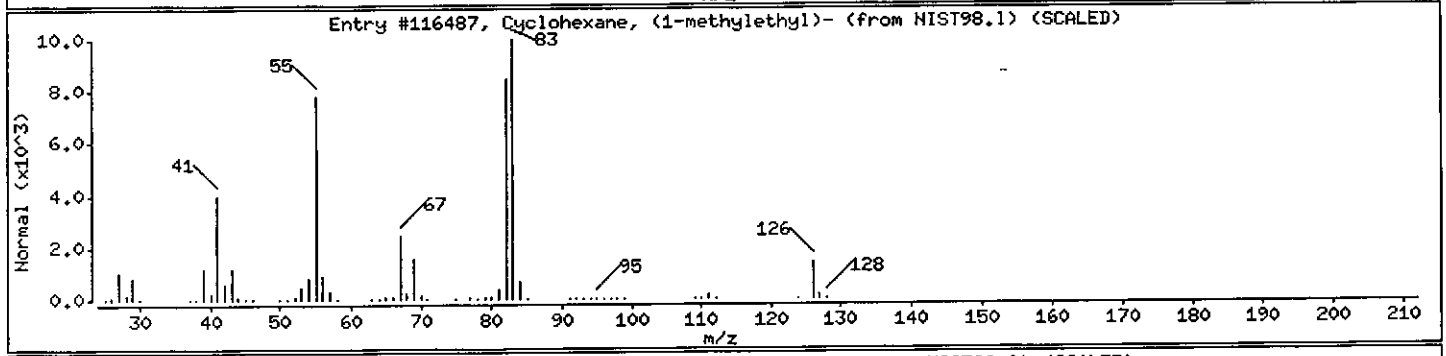
Column phase: J&W DB-5.625

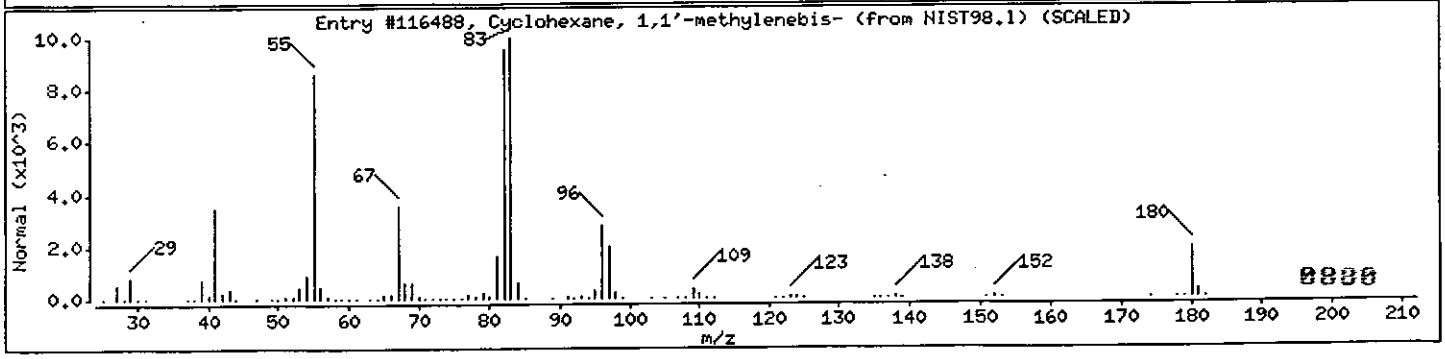
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
n-Nonylcyclohexane	2883-02-5	NIST98.1	33206	80	C15H30	210
Cyclohexane, (1-methylethyl)-	696-29-7	NIST98.1	116487	72	C9H18	126
Cyclohexane, 1,1'-methylenebis-	3178-23-2	NIST98.1	116488	72	C13H24	180









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

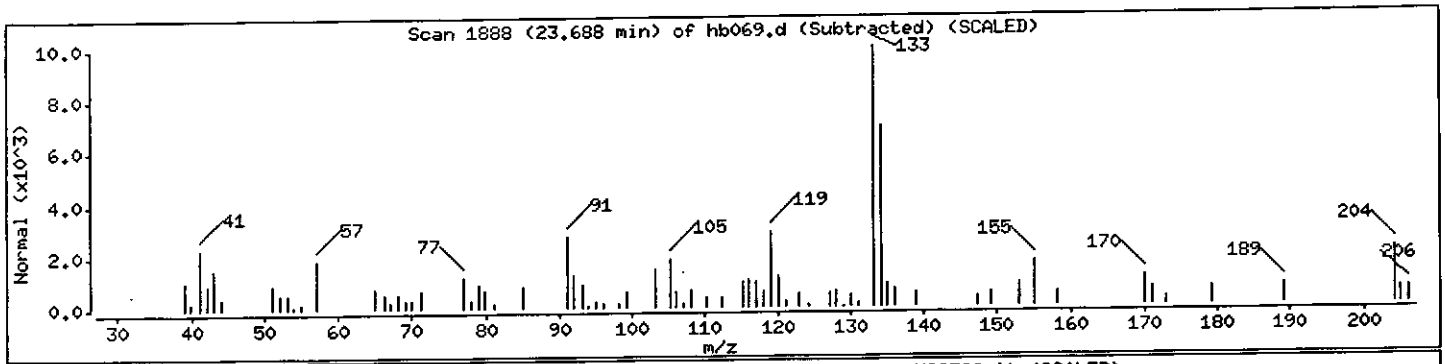
Volume Injected (uL): 2.0

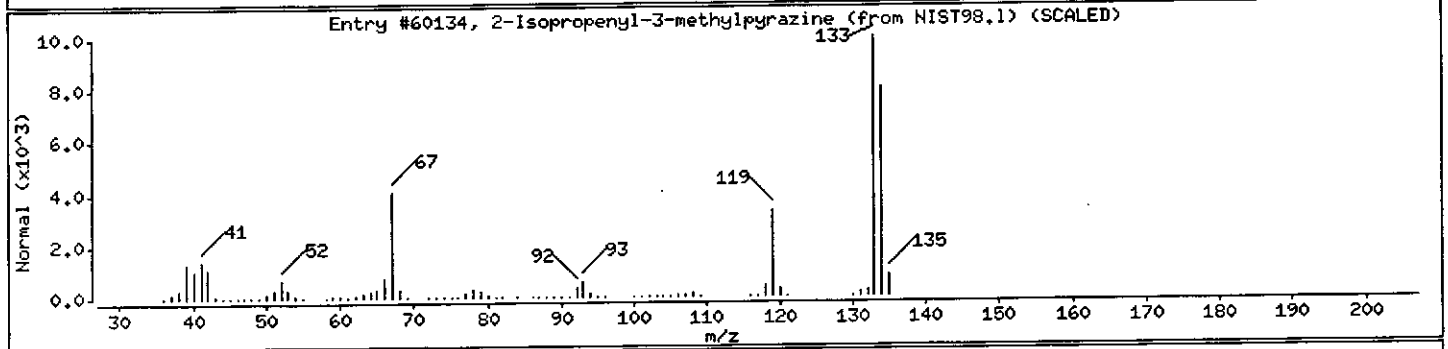
Operator: lmh00956

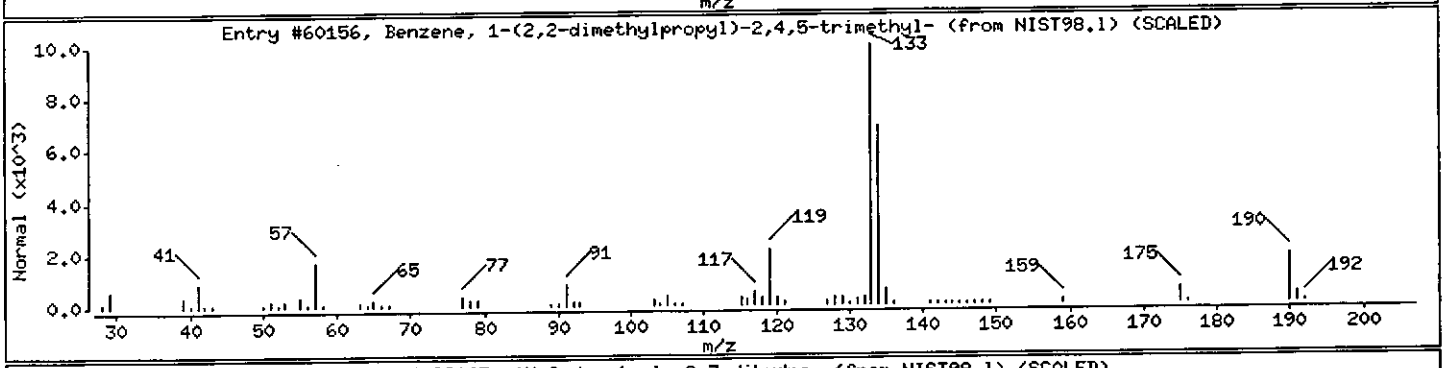
Column phase: J&W DB-5.625

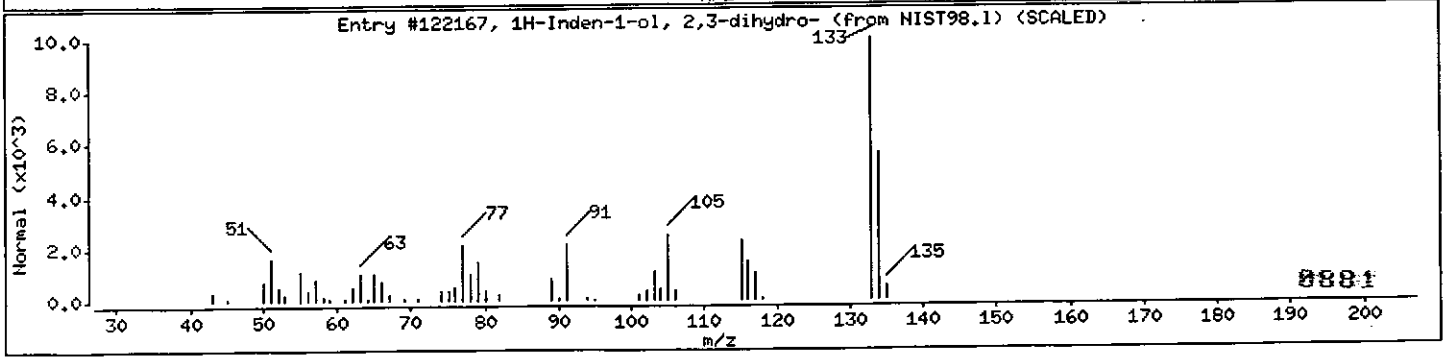
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Isopropenyl-3-methylpyrazine	145984-65-2	NIST98.1	60134	64	C8H10N2	134
Benzene, 1-(2,2-dimethylpropyl)-2,4,5-tr	56666-87-6	NIST98.1	60156	53	C14H22	190
1H-Inden-1-ol, 2,3-dihydro-	6351-10-6	NIST98.1	122167	49	C9H10O	134









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

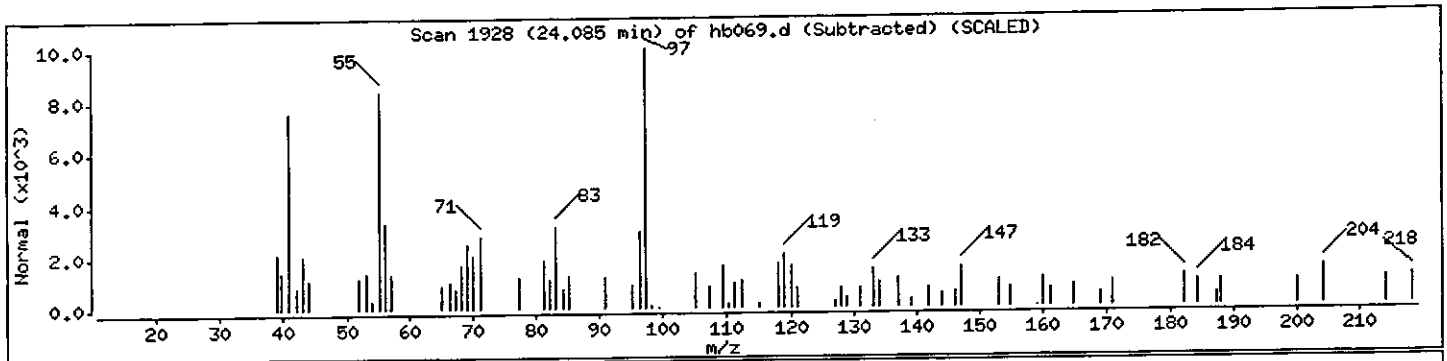
Volume Injected (uL): 2.0

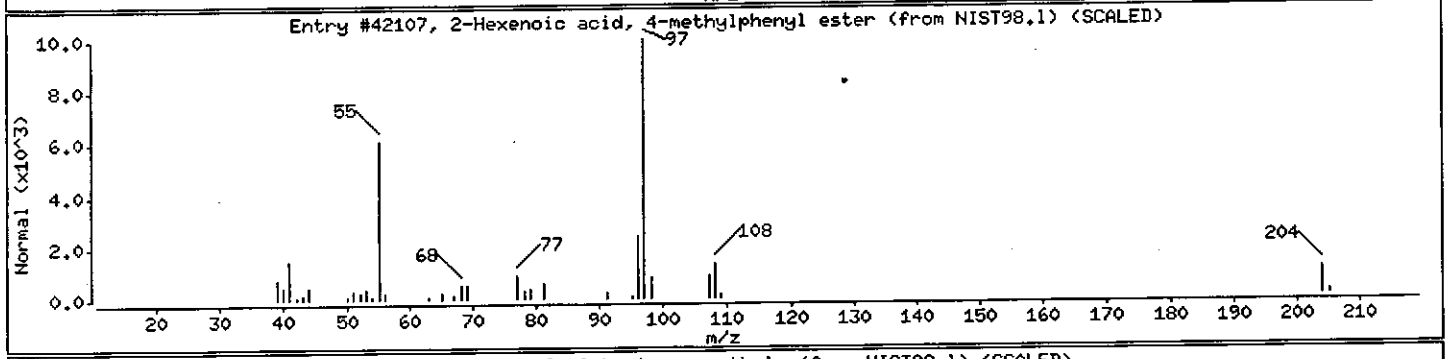
Operator: lmh00956

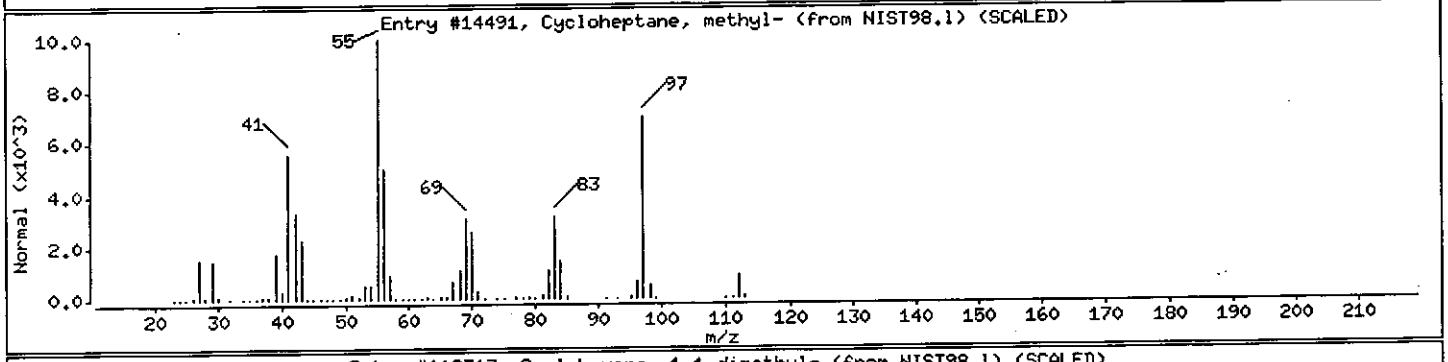
Column phase: J&W DB-5.625

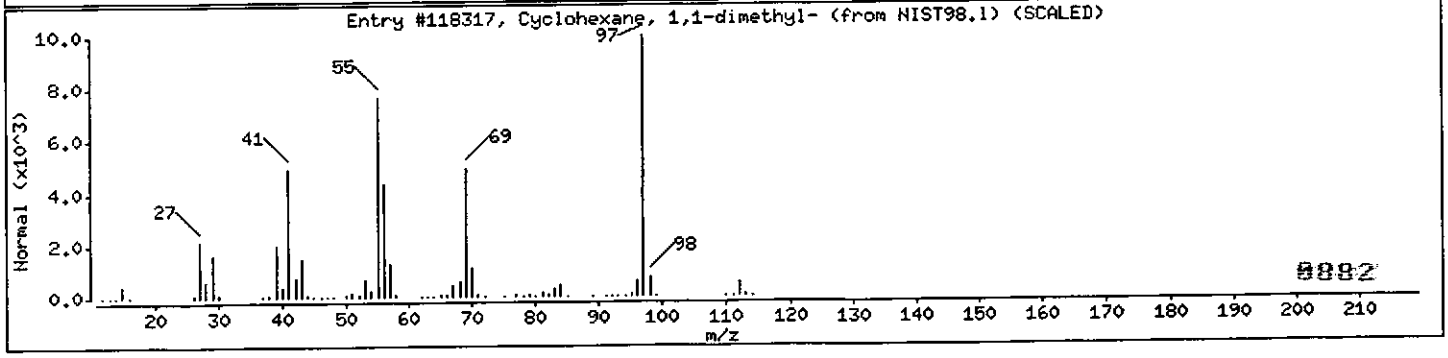
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Hexenoic acid, 4-methylphenyl ester	69687-91-8	NIST98.1	42107	43	C13H1602	204
Cycloheptane, methyl-	4126-78-7	NIST98.1	14491	41	C8H16	112
Cyclohexane, 1,1-dimethyl-	590-66-9	NIST98.1	118317	38	C8H16	112









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

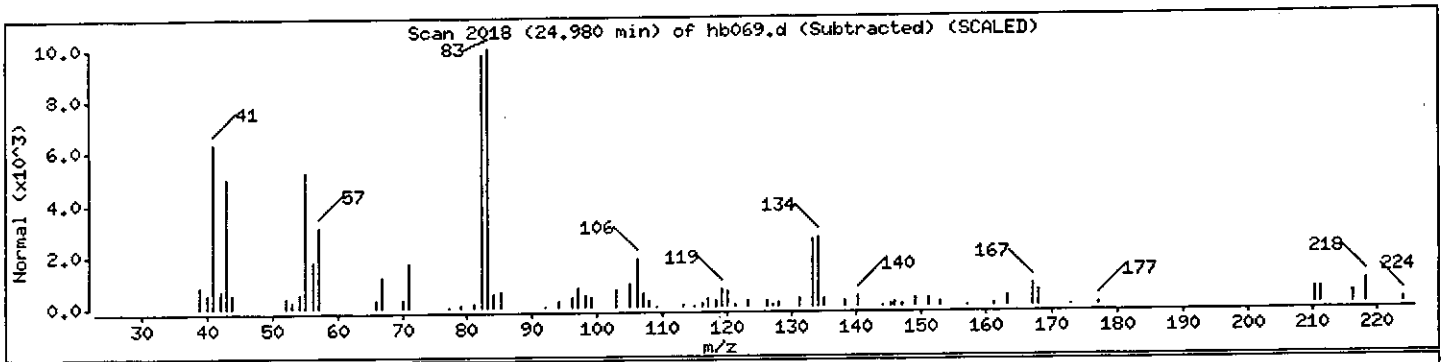
Volume Injected (uL): 2.0

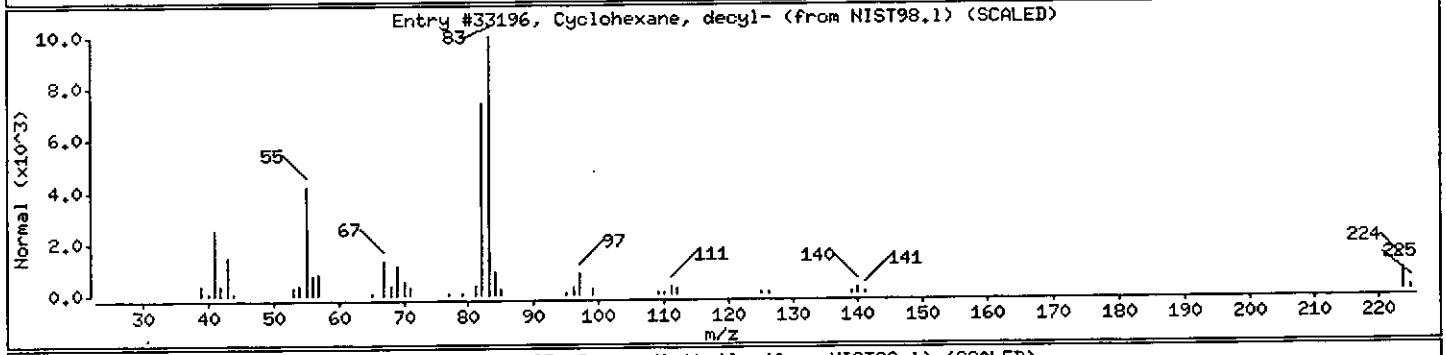
Operator: lmh00956

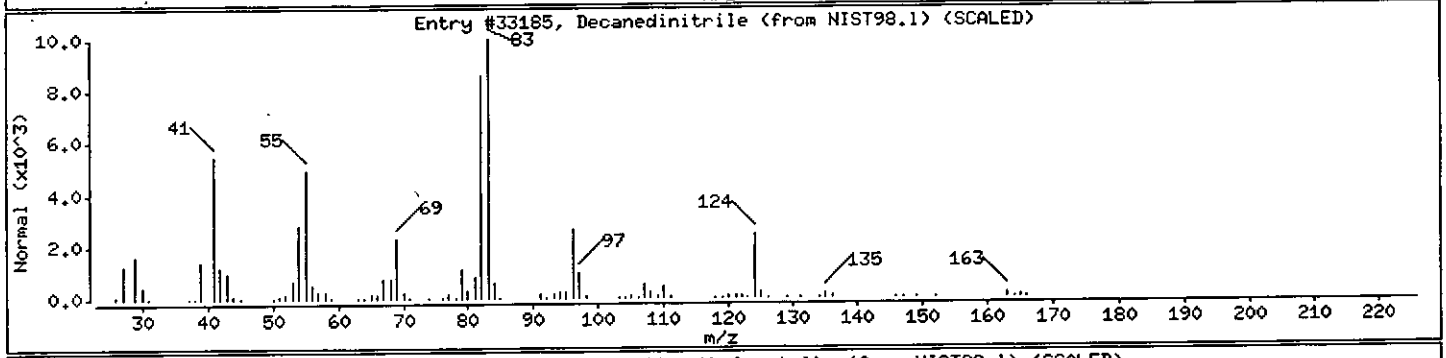
Column phase: J&W DB-5.625

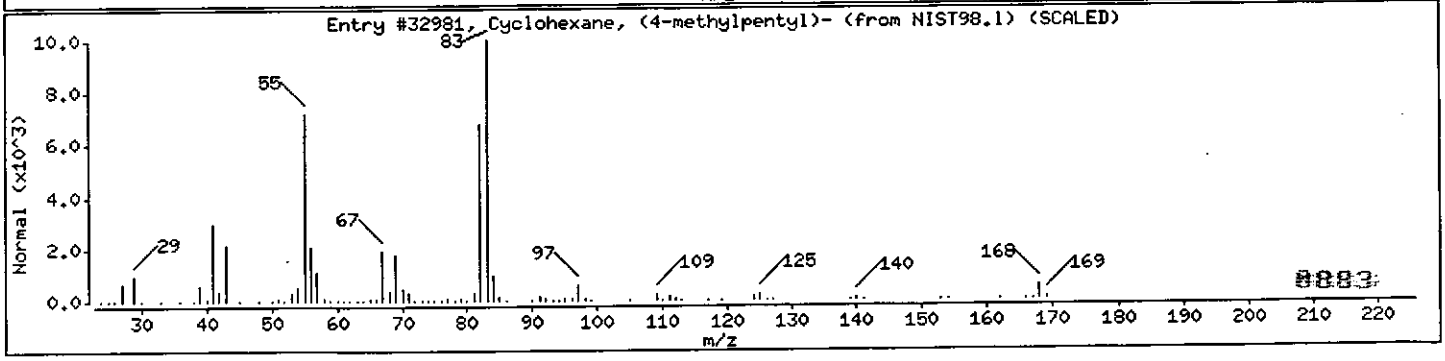
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, decyl-	1795-16-0	NIST98.1	33196	53	C16H32	224
Decanedinitrile	1871-96-1	NIST98.1	33185	50	C10H16N2	164
Cyclohexane, (4-methylpentyl)-	61142-20-9	NIST98.1	32981	40	C12H24	168









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

Volume Injected (uL): 2.0

Operator: lmh00956

Column phase: J&W DB-5.625

Column diameter: 0.25

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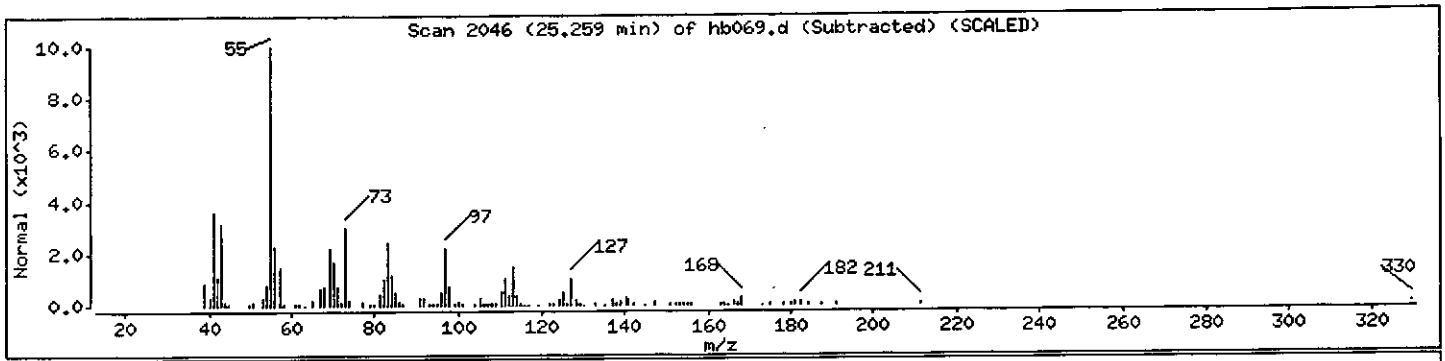
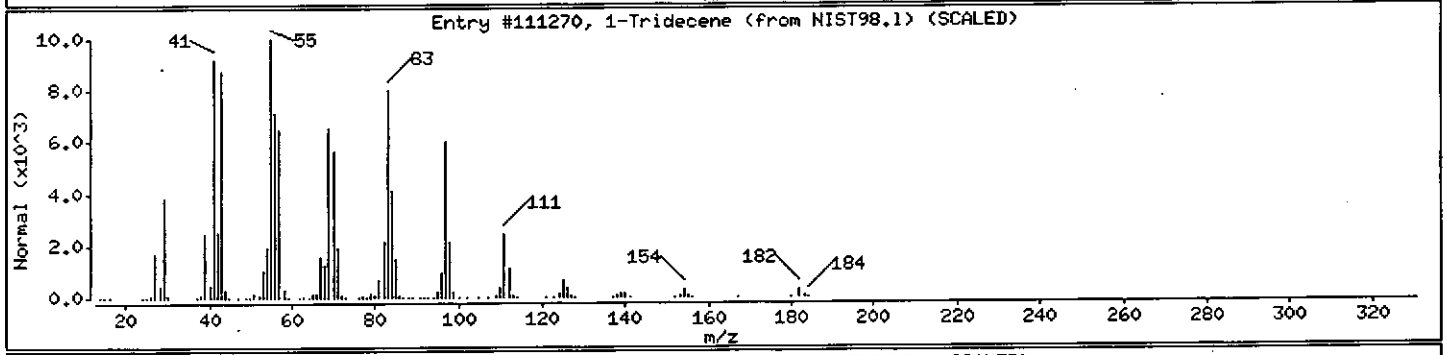
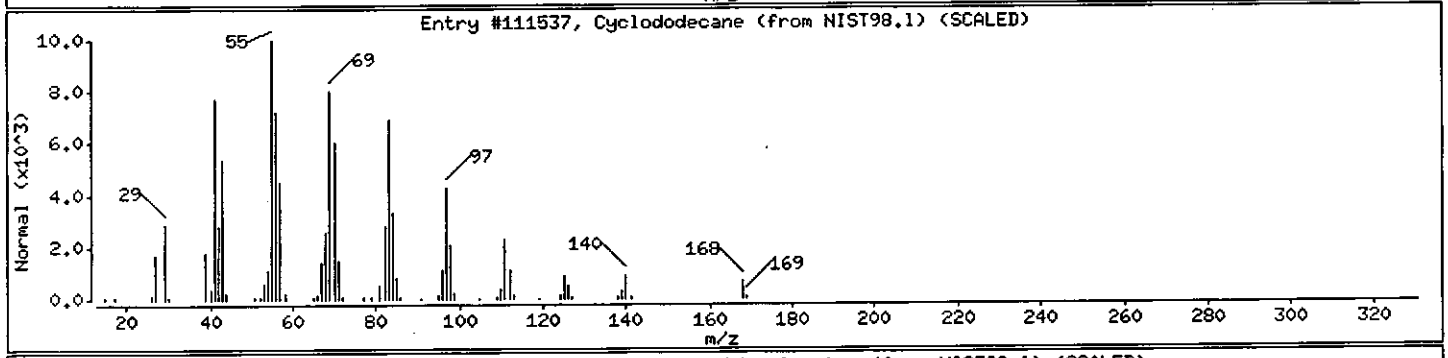
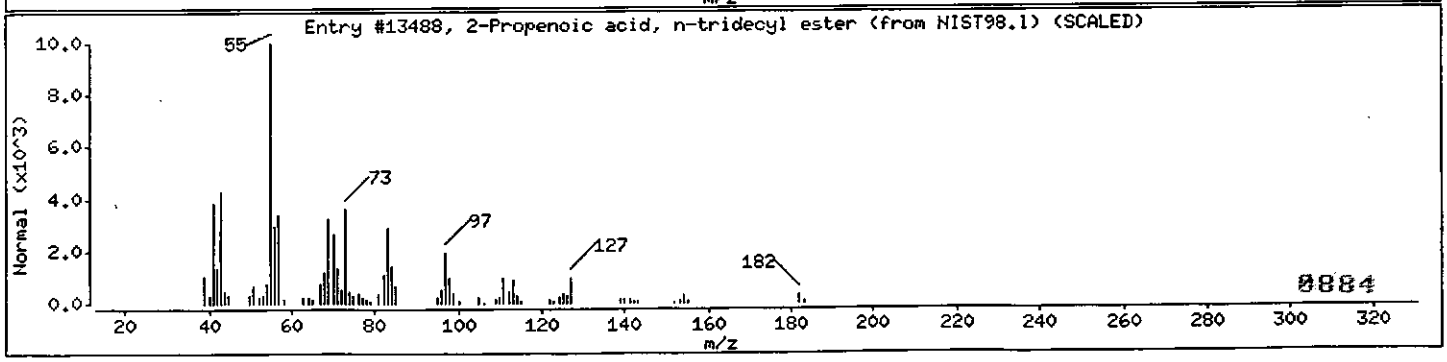
02/07/06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Tridecene	2437-56-1	NIST98.1	111270	95	C13H26	182
Cyclododecane	294-62-2	NIST98.1	111537	90	C12H24	168
2-Propenoic acid, n-tridecyl ester	1000245-63-8	NIST98.1	13488	72	C16H3002	254









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Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

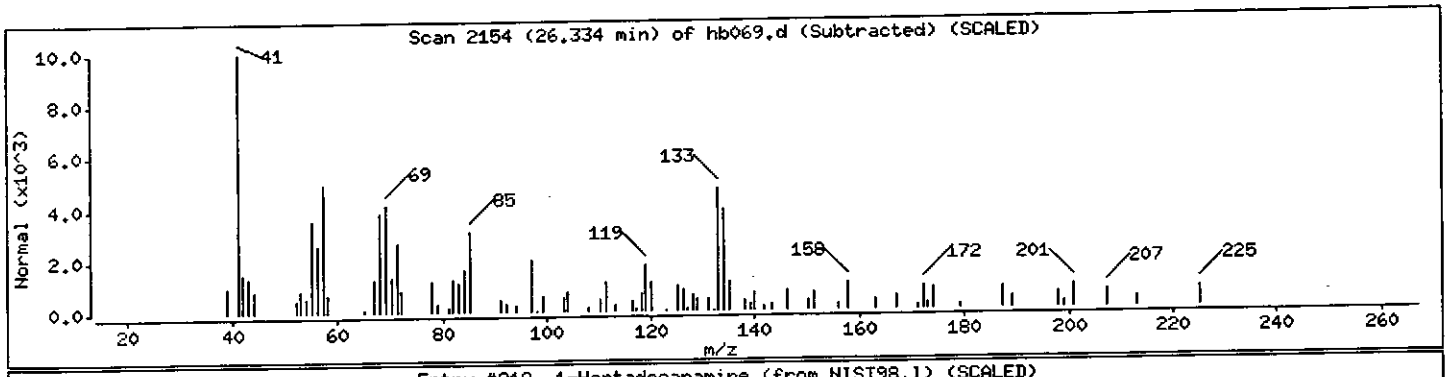
Volume Injected (uL): 2.0

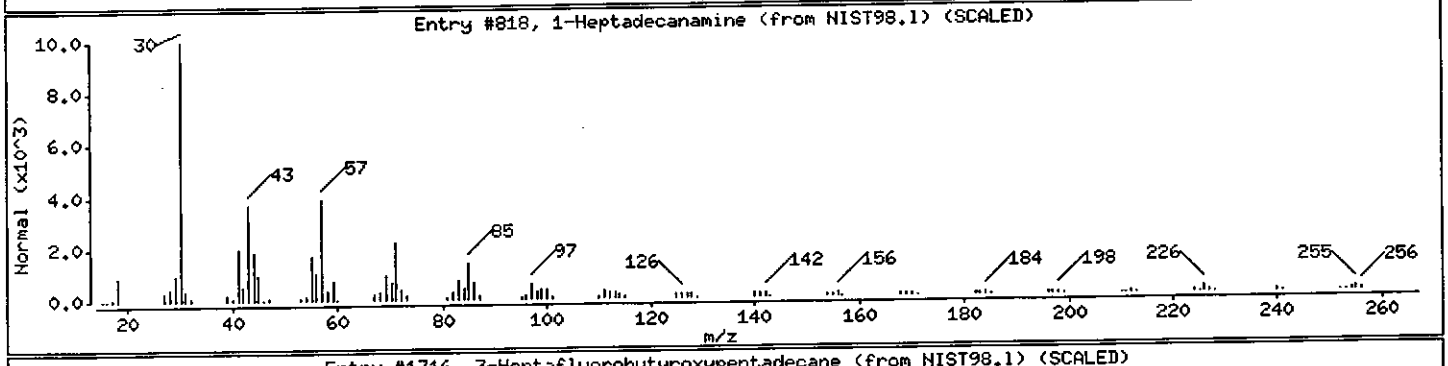
Operator: lmh00956

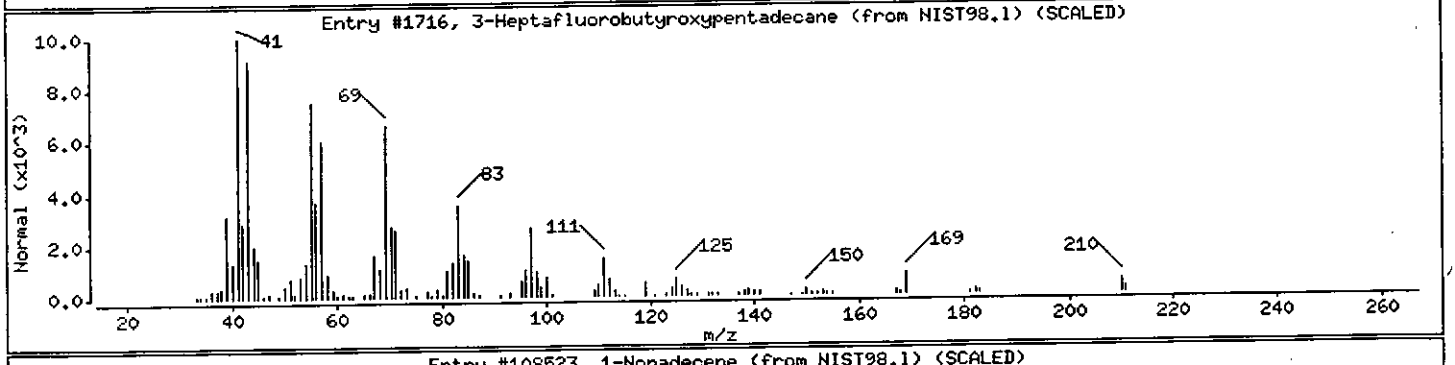
Column phase: J&W DB-5.625

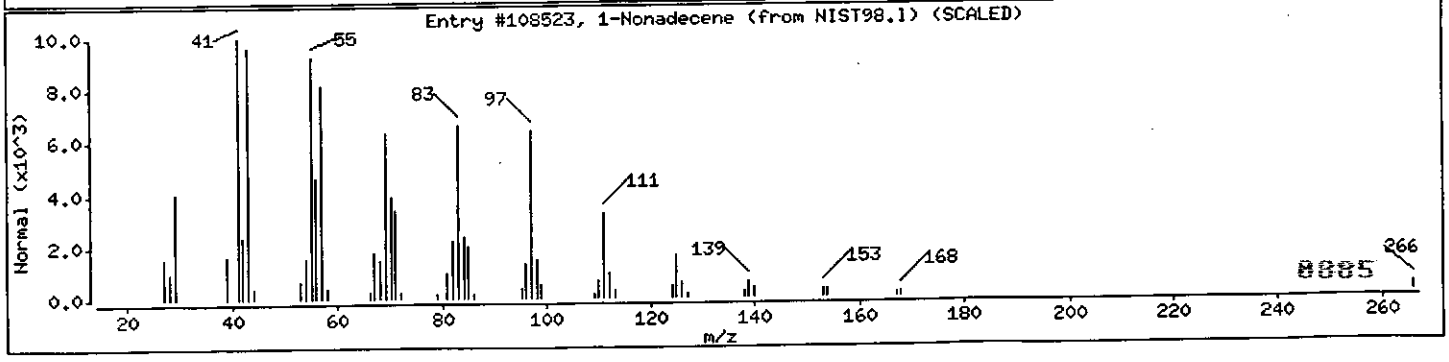
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Heptadecanamine	4200-95-7	NIST98.1	818	9	C17H37N	255
3-Heptafluorobutyroxypentadecane	1000245-50-1	NIST98.1	1716	9	C19H31F7O2	424
1-Nonadecene	18435-45-5	NIST98.1	108523	9	C19H38	266









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

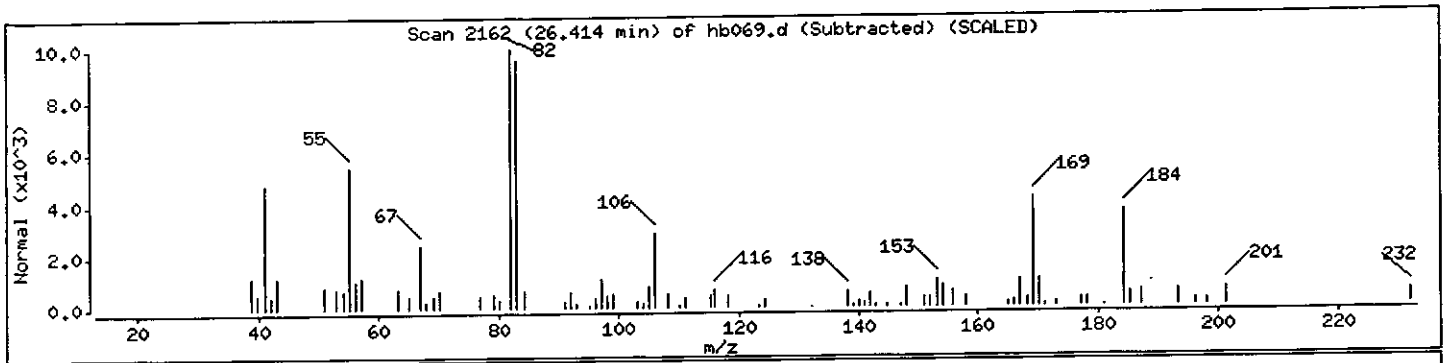
Volume Injected (uL): 2.0

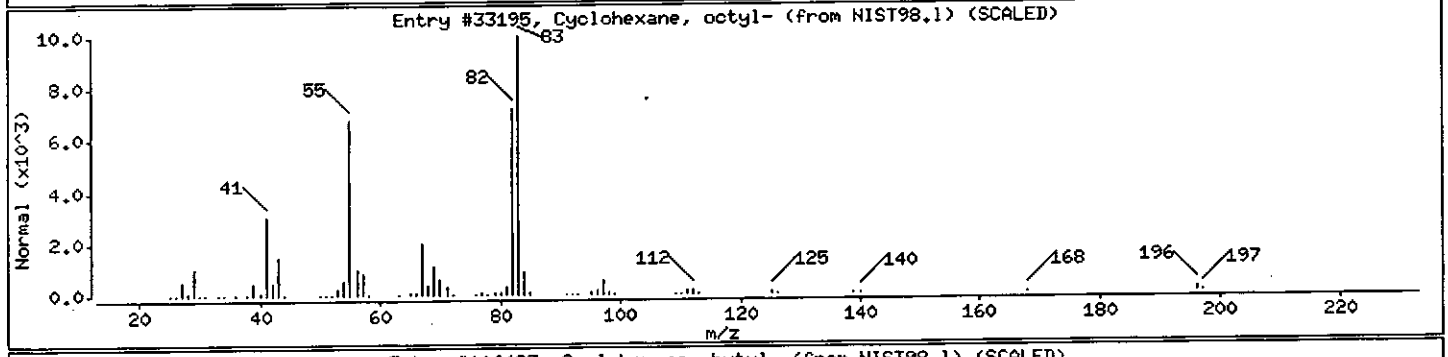
Operator: lmh00956

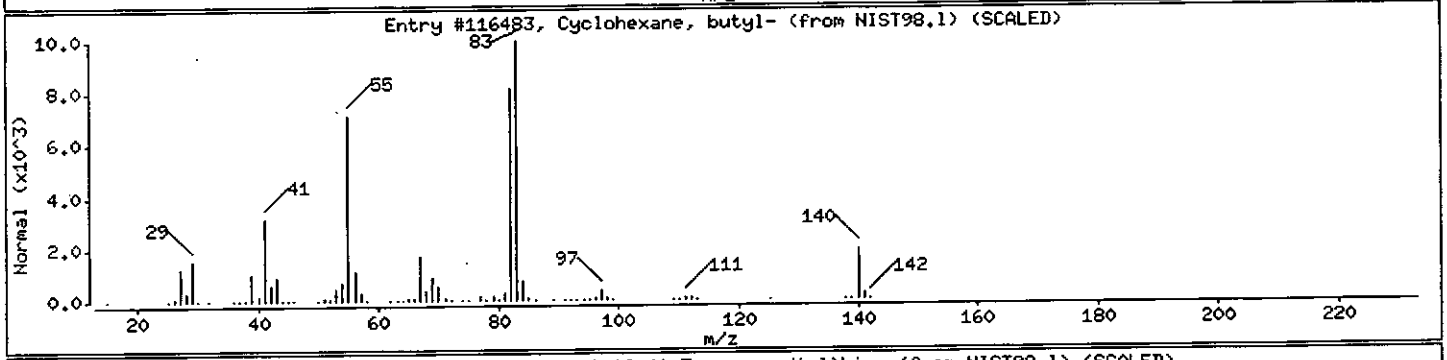
Column phase: J&W DB-5.625

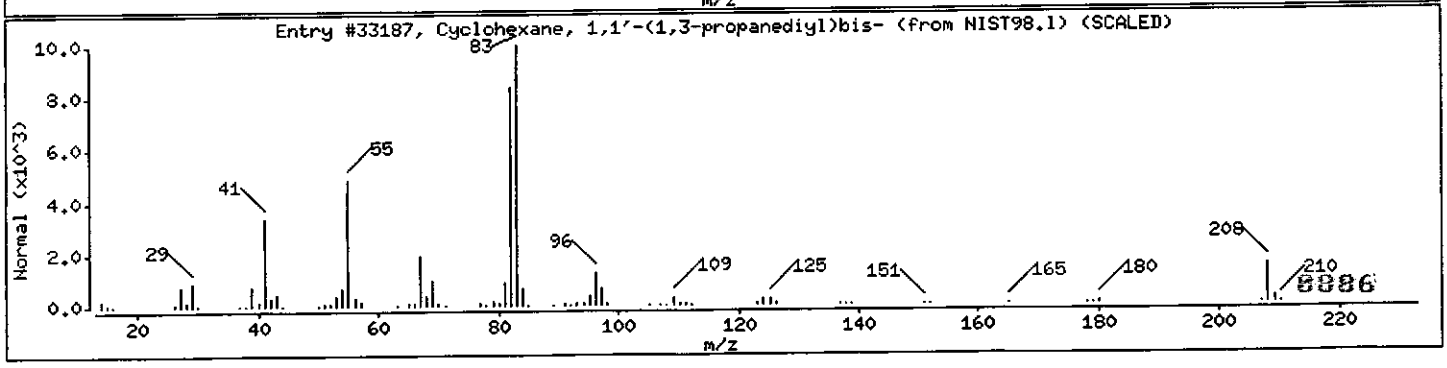
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclohexane, octyl-	1795-15-9	NIST98.1	33195	49	C14H28	196
Cyclohexane, butyl-	1678-93-9	NIST98.1	116483	43	C10H20	140
Cyclohexane, 1,1'-(1,3-propanediyl)bis-	3178-24-3	NIST98.1	33187	43	C15H28	208









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

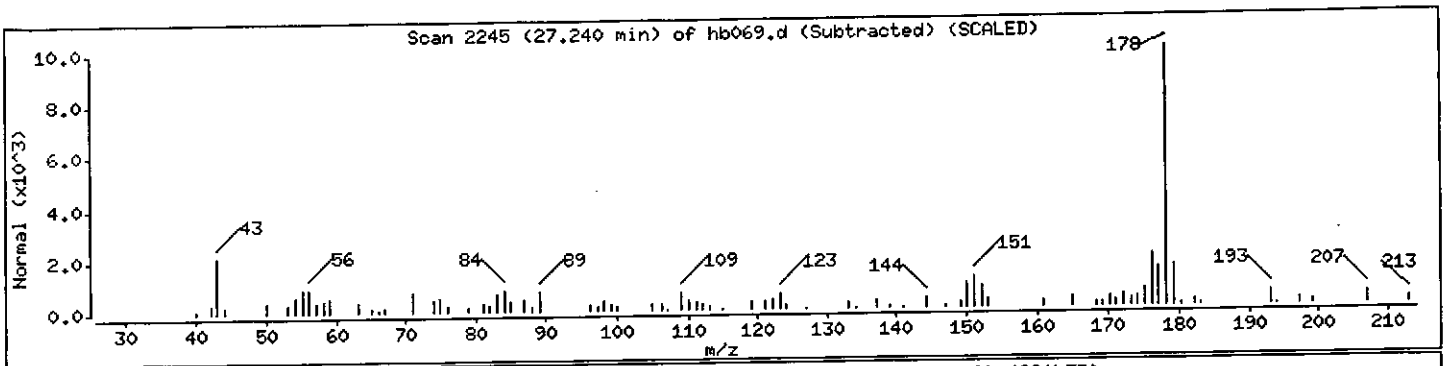
Volume Injected (uL): 2.0

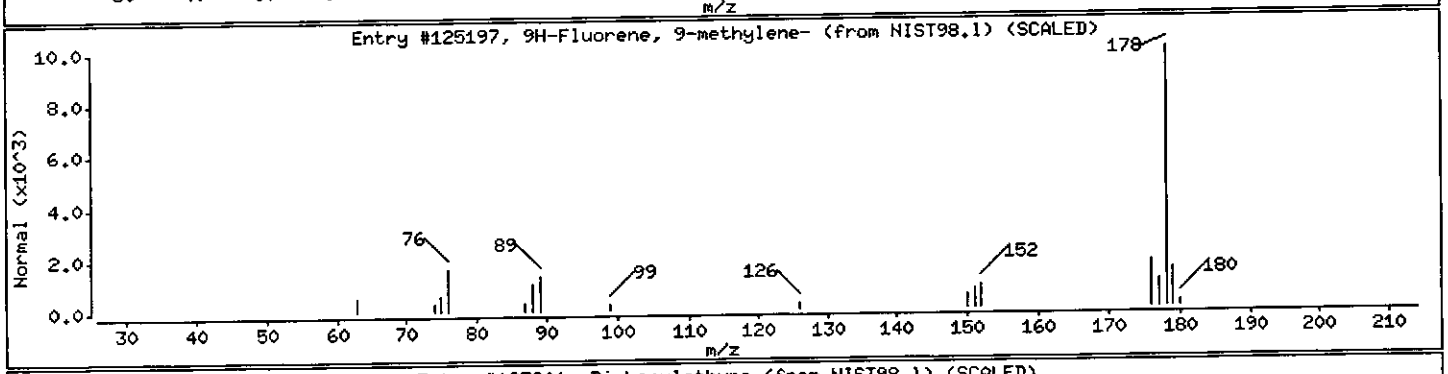
Operator: lmh00956

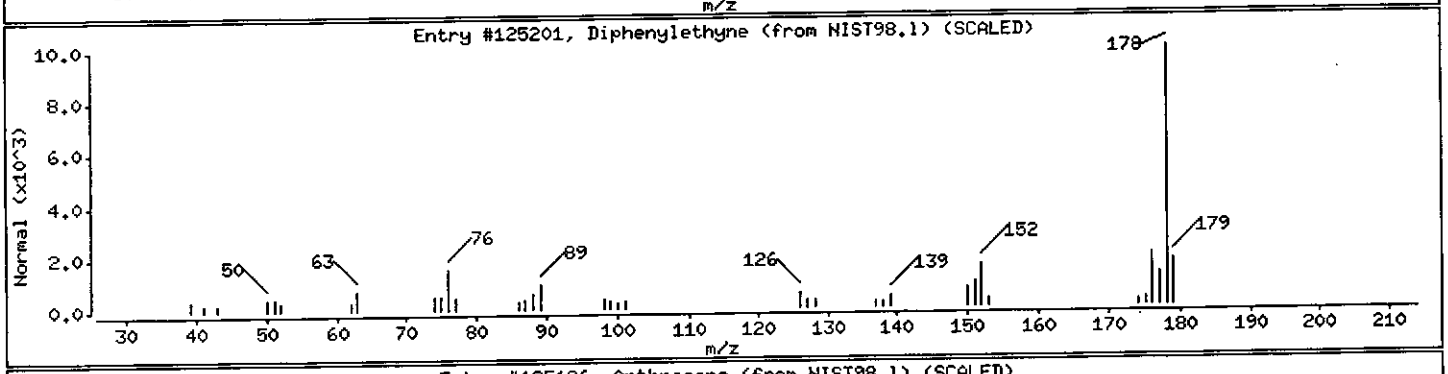
Column phase: J&W DB-5.625

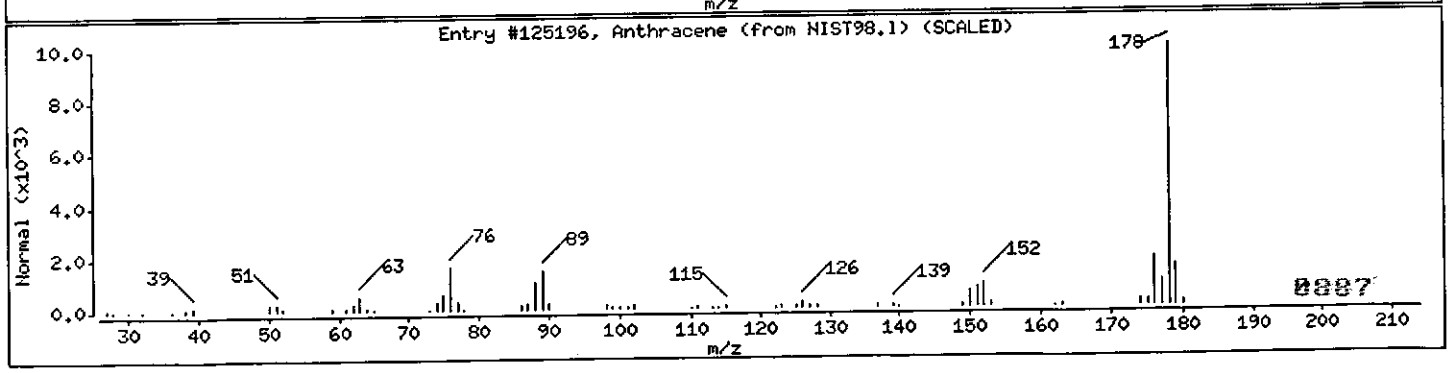
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9H-Fluorene, 9-methylene-	4425-82-5	NIST98.1	125197	64	C14H10	178
Diphenylethyne	501-65-5	NIST98.1	125201	64	C14H10	178
Anthracene	120-12-7	NIST98.1	125196	64	C14H10	178









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

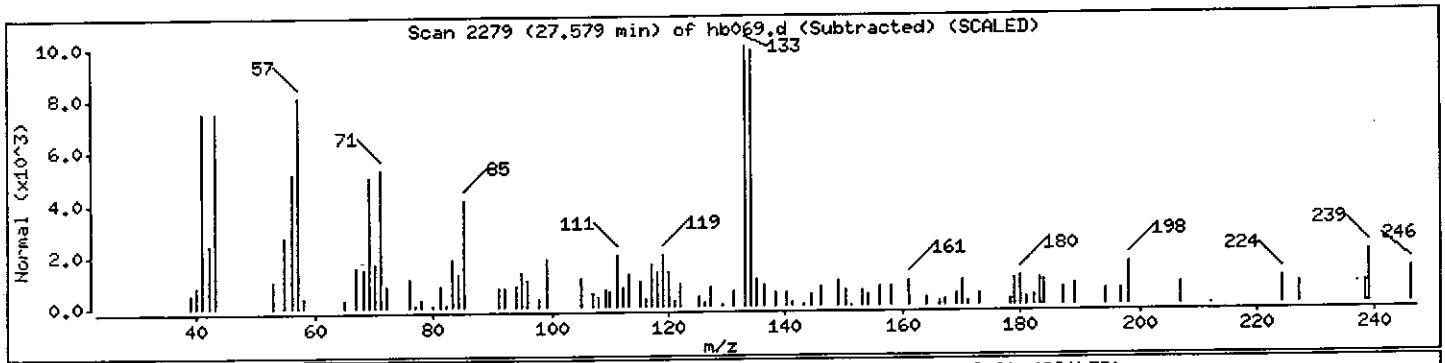
Volume Injected (uL): 2.0

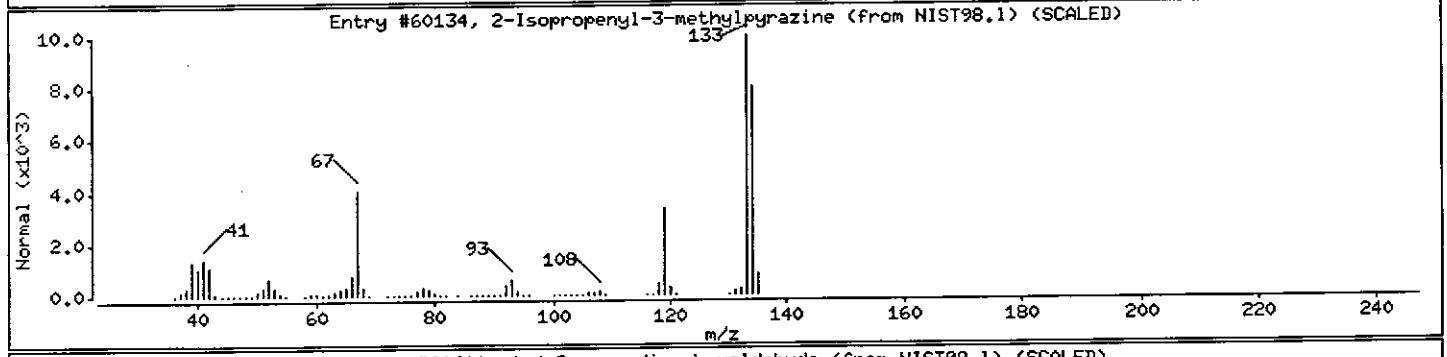
Operator: lmh00956

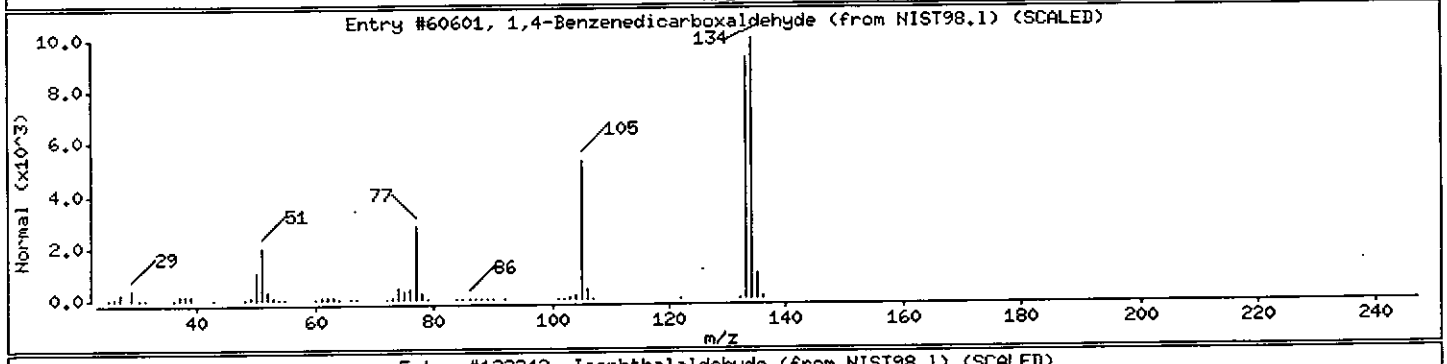
Column phase: J&W DB-5.625

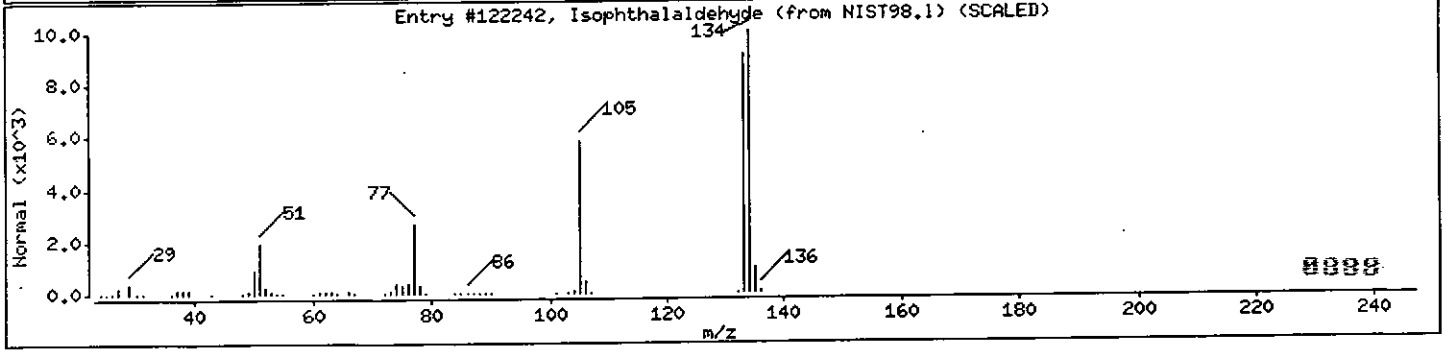
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Isopropenyl-3-methylpyrazine	145984-65-2	NIST98.1	60134	47	C8H10N2	134
1,4-Benzenedicarboxaldehyde	623-27-8	NIST98.1	60601	46	C8H6O2	134
Isophthalaldehyde	626-19-7	NIST98.1	122242	46	C8H6O2	134









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

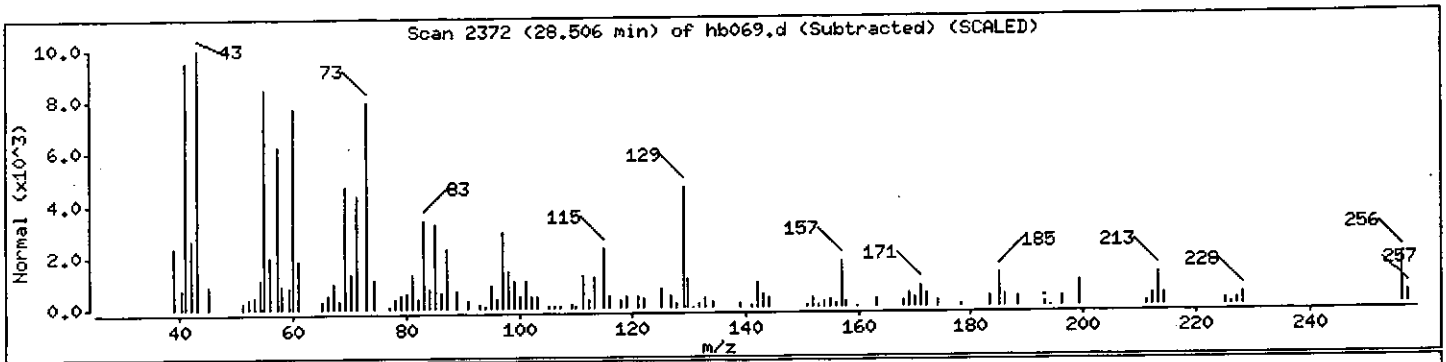
Volume Injected (uL): 2.0

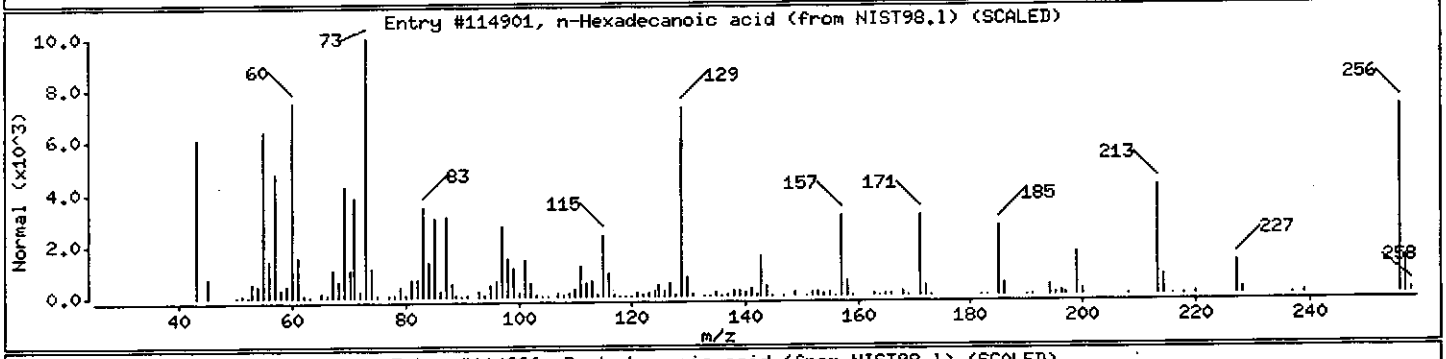
Operator: lmh00956

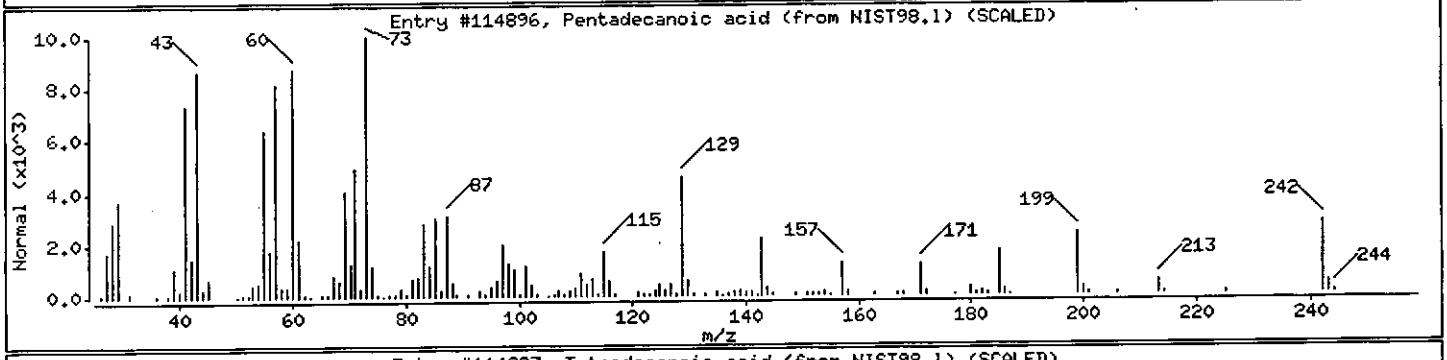
Column phase: J&W DB-5.625

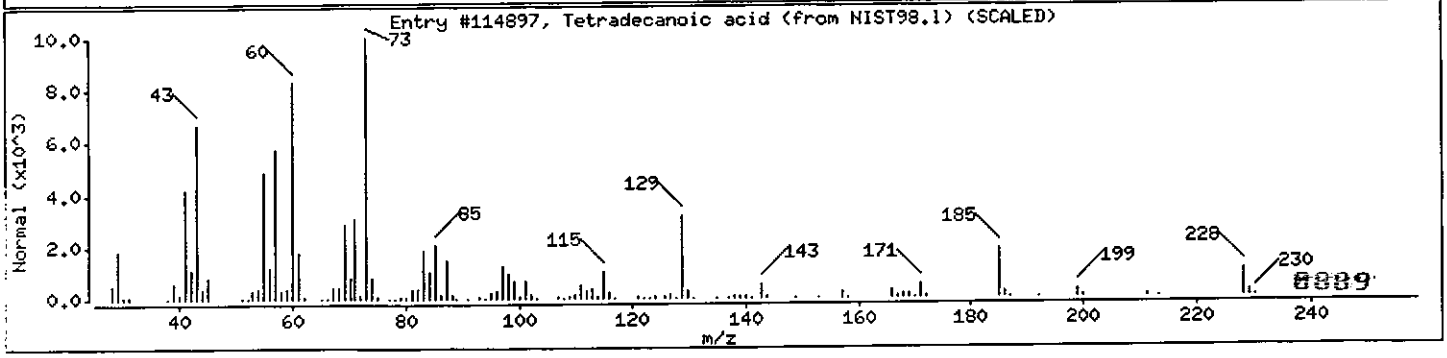
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
n-Hexadecanoic acid	57-10-3	NIST98.1	114901	94	C16H32O2	256
Pentadecanoic acid	1002-84-2	NIST98.1	114896	74	C15H30O2	242
Tetradecanoic acid	544-63-8	NIST98.1	114897	74	C14H28O2	228









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

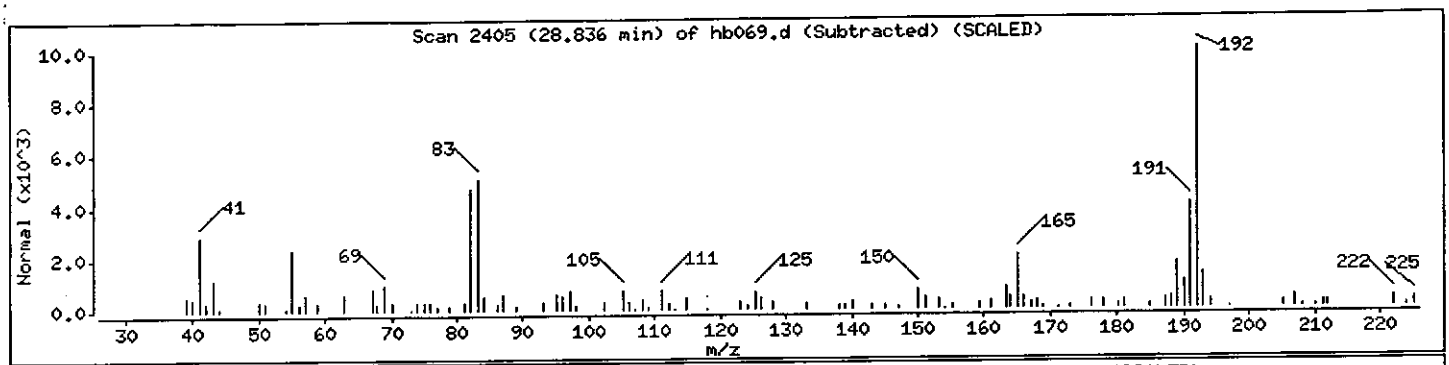
Volume Injected (uL): 2.0

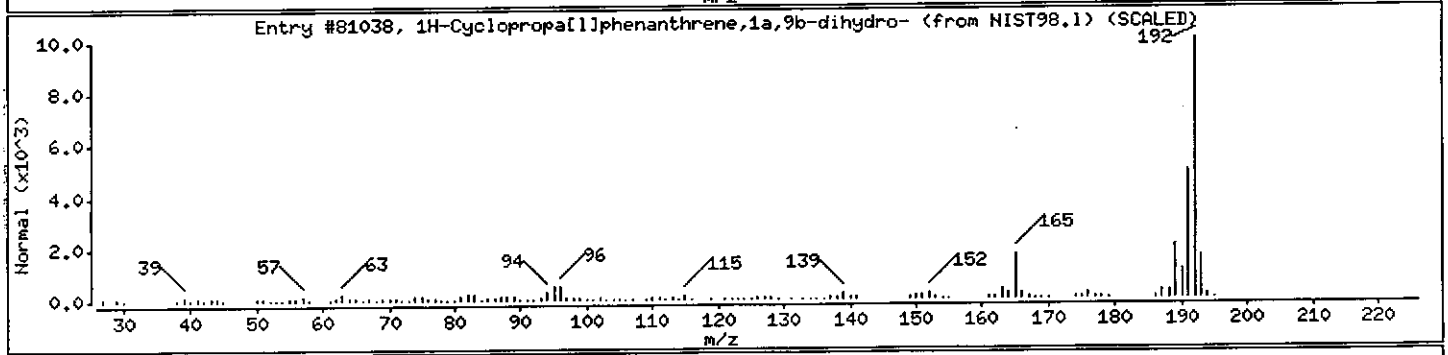
Operator: lmh00956

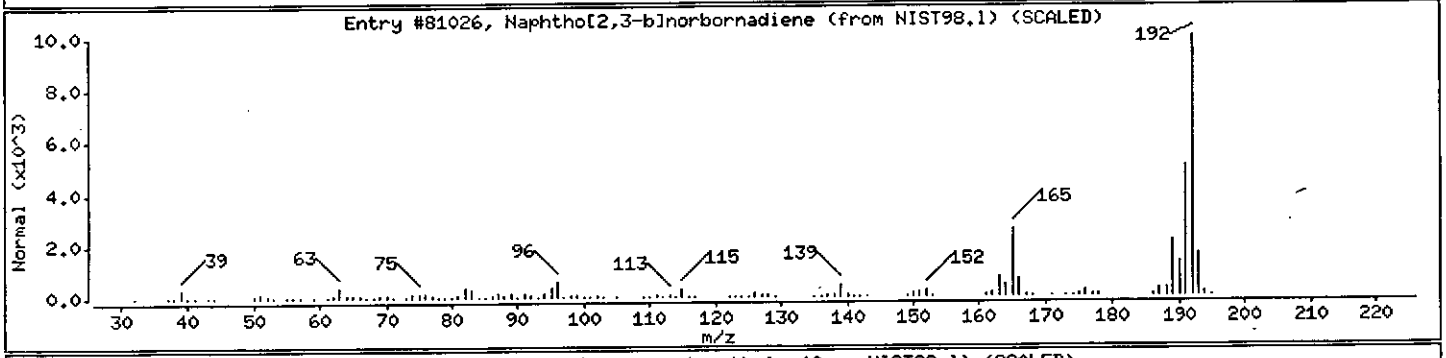
Column phase: J&W DB-5.625

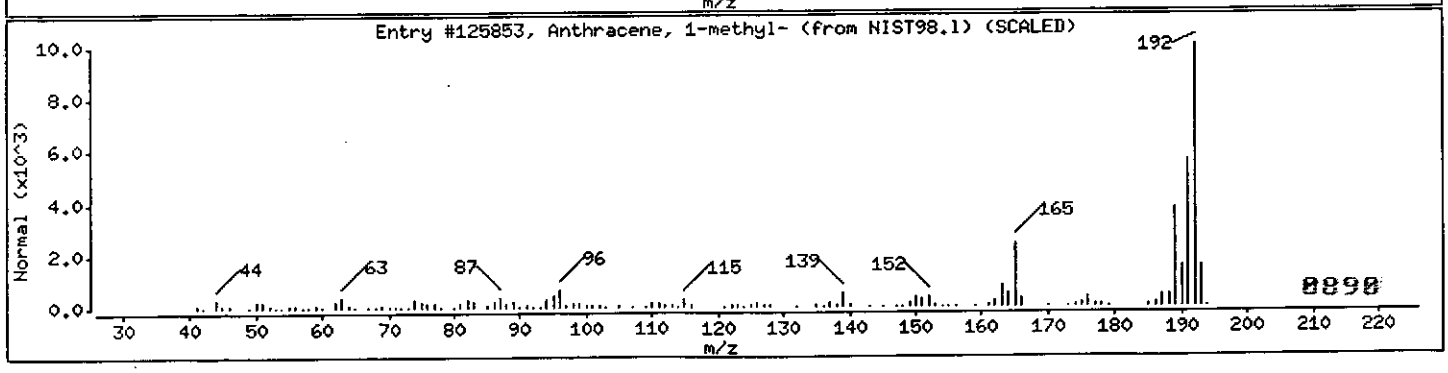
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST98.1	81038	91	C15H12	192
Naphtho[2,3-b]norbornadiene	1000210-52-3	NIST98.1	81026	83	C15H12	192
Anthracene, 1-methyl-	610-48-0	NIST98.1	125853	78	C15H12	192









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010- :

Instrument: HP04629.i

Sample Info: 6010-;4692572;

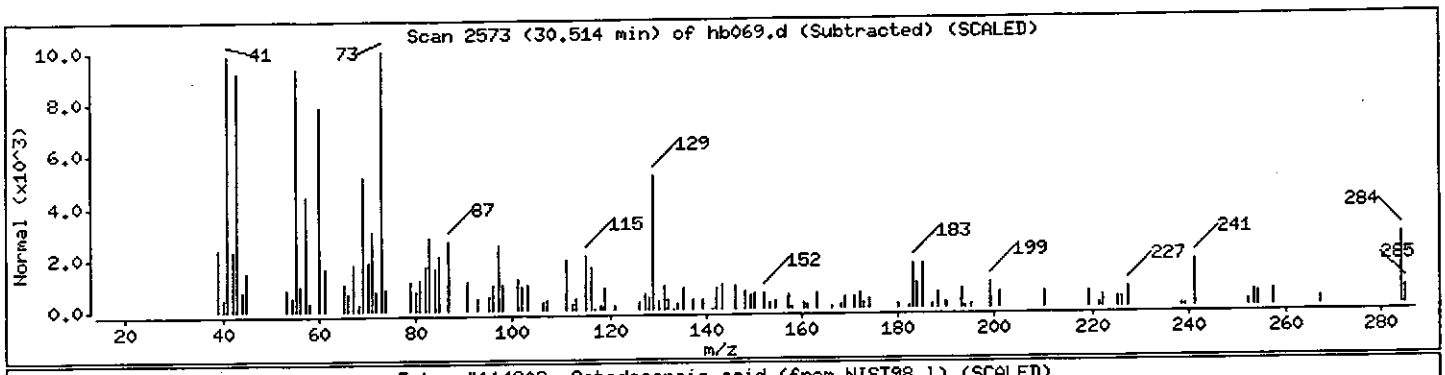
Volume Injected (uL): 2.0

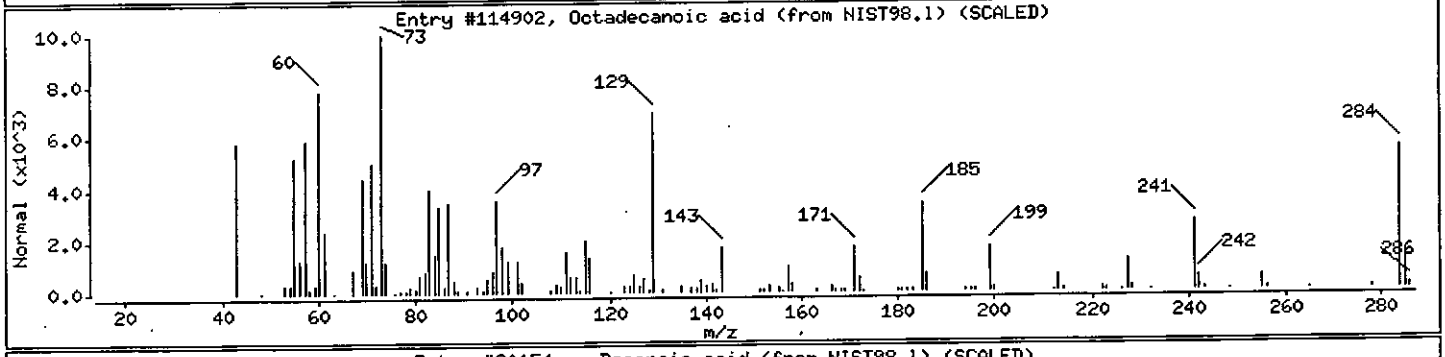
Operator: lmh00956

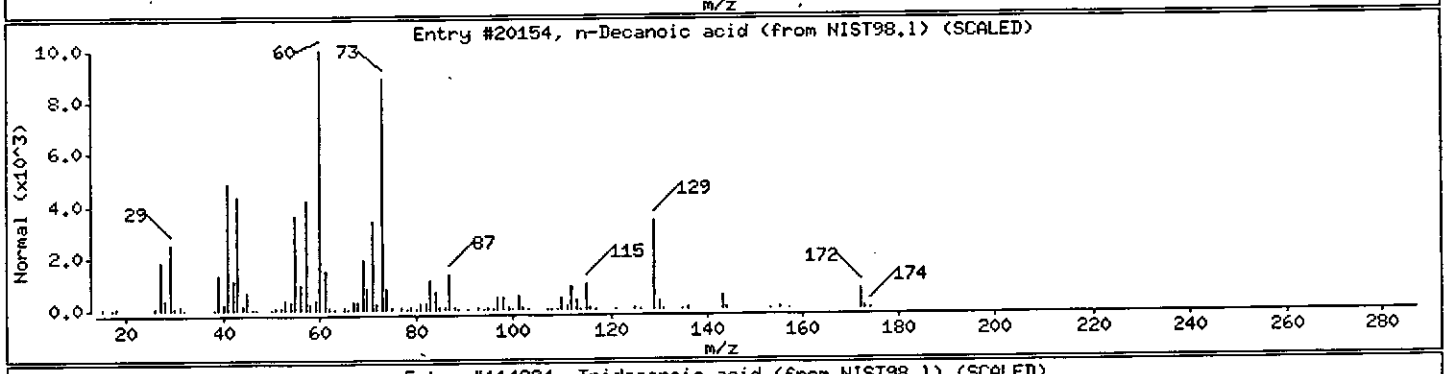
Column phase: J&W DB-5.625

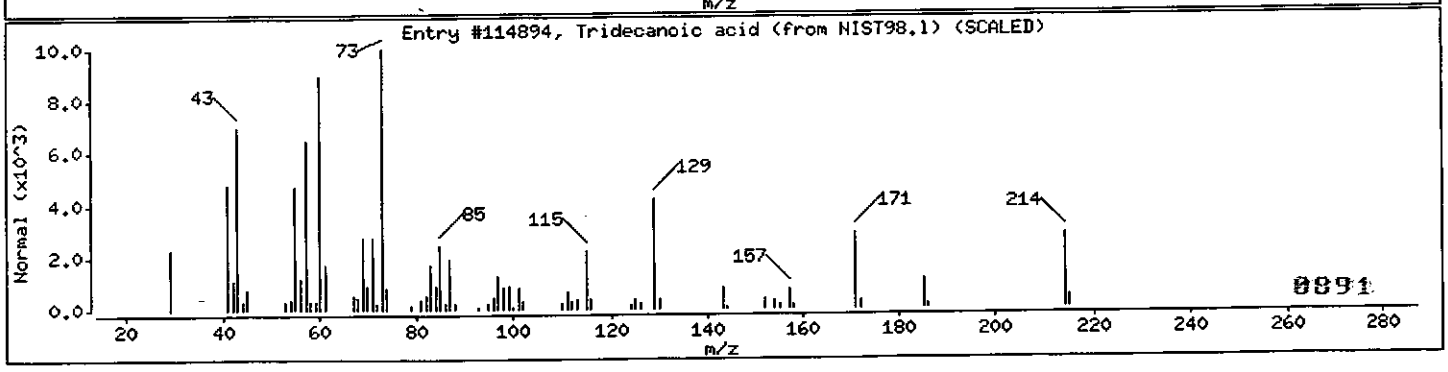
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Octadecanoic acid	57-11-4	NIST98.1	114902	90	C18H3602	284
n-Decanoic acid	334-48-5	NIST98.1	20154	60	C10H2002	172
Tridecanoic acid	638-53-9	NIST98.1	114894	58	C13H2602	214









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Sample Info: 6010-;4692572;

Volume Injected (uL): 2.0

Column phase: J&W DB-5.625

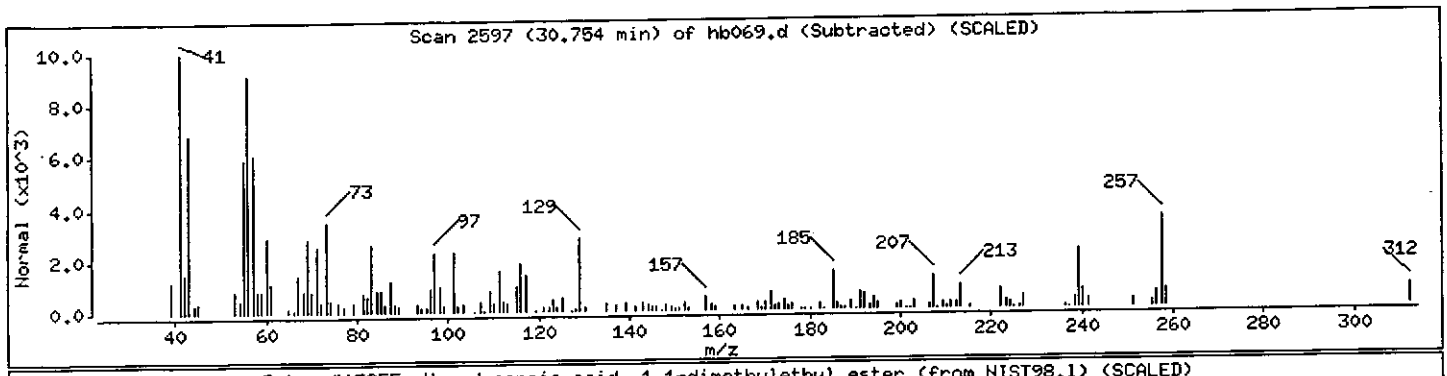
Instrument: HP04629.i

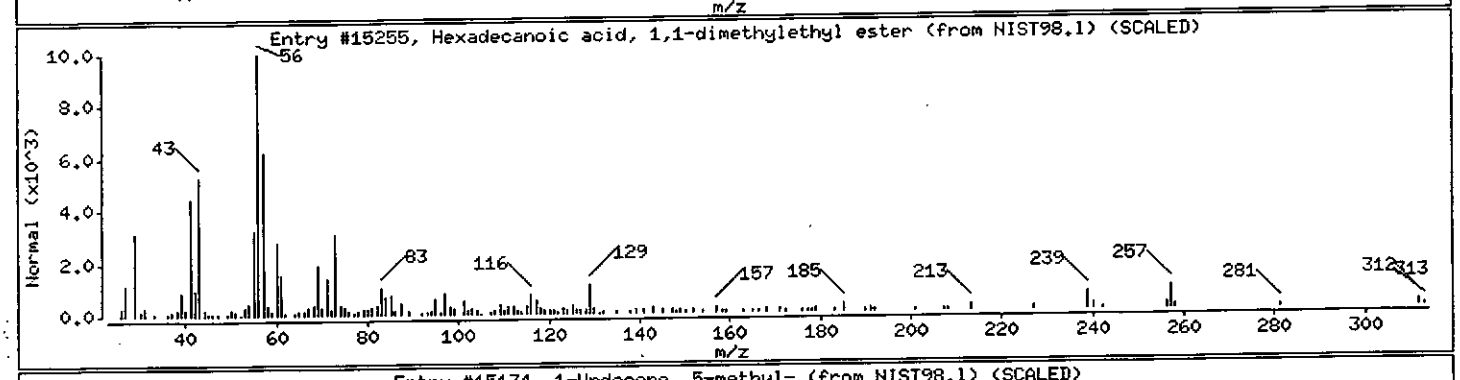
Operator: lmh00956

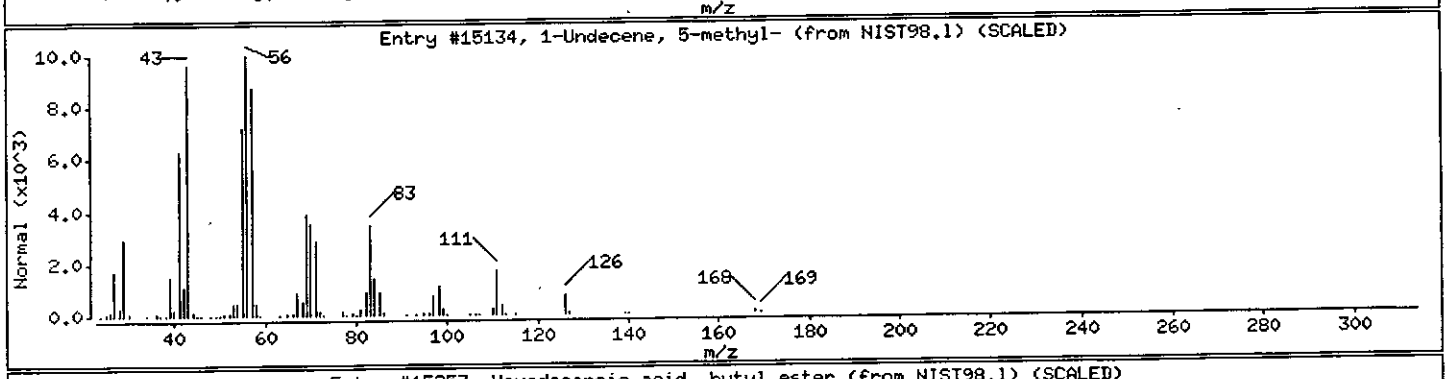
Column diameter: 0.25

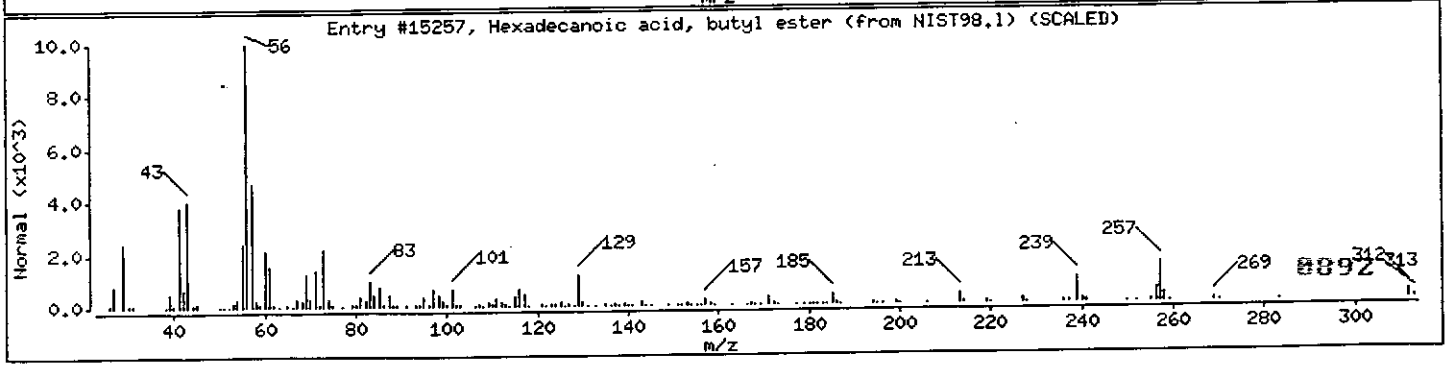
(B)
MN1980
02/06/07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Carboxylic Acid						
Hexadecanoic acid, 1,1-dimethylethyl est	31158-91-5	NIST98.1	15255	64	C20H4002	312
1-Undecene, 5-methyl-	74630-38-9	NIST98.1	15134	38	C12H24	168
Hexadecanoic acid, butyl ester	111-06-8	NIST98.1	15257	38	C20H4002	312









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

Volume Injected (uL): 2.0

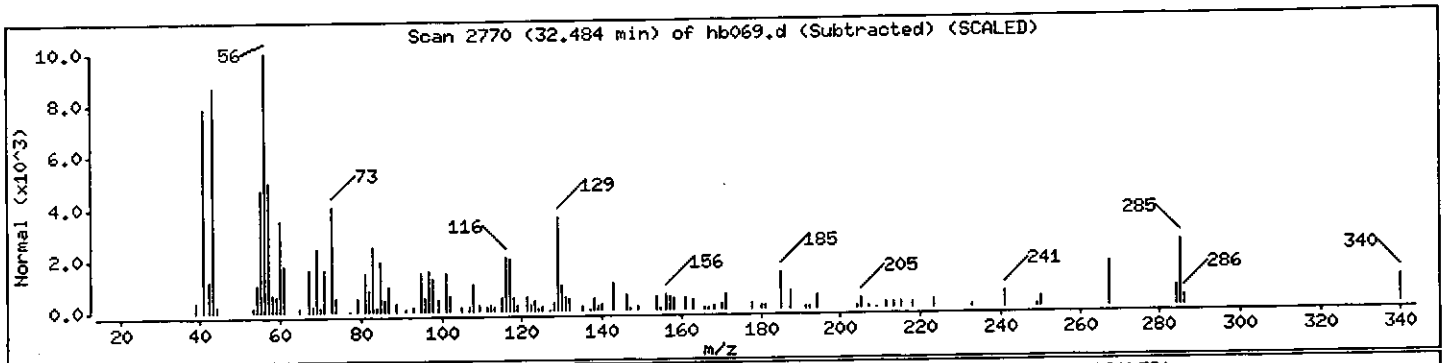
Operator: lmh00956

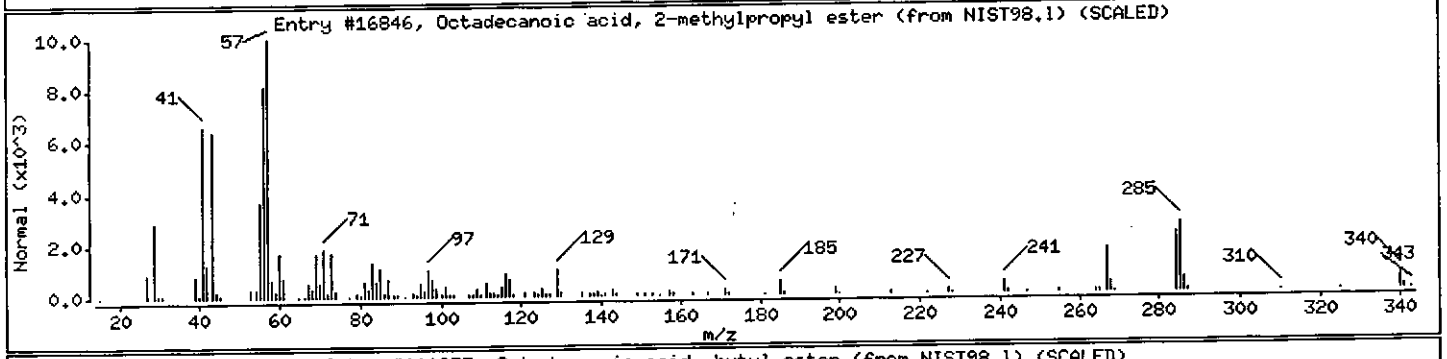
Column phase: J&W DB-5.625

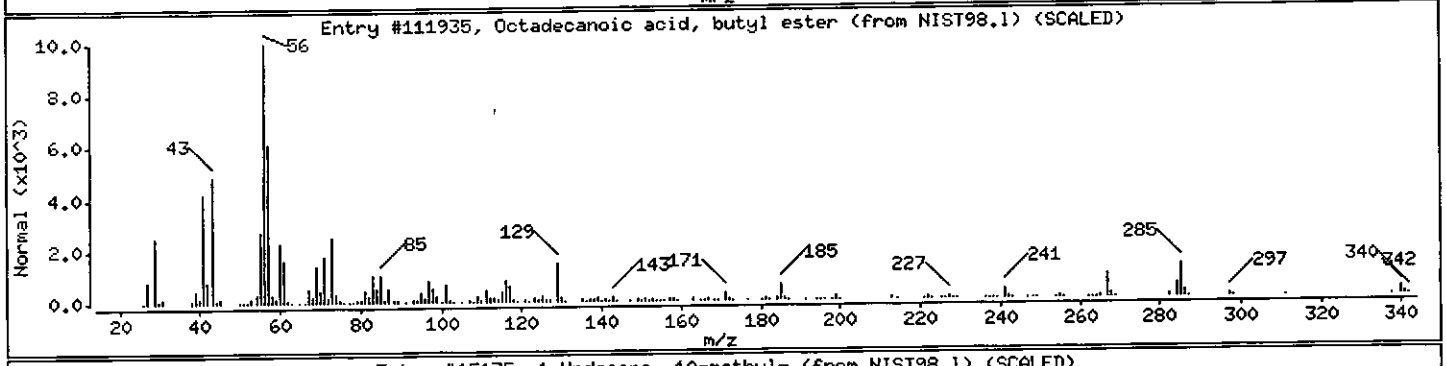
Column diameter: 0.25

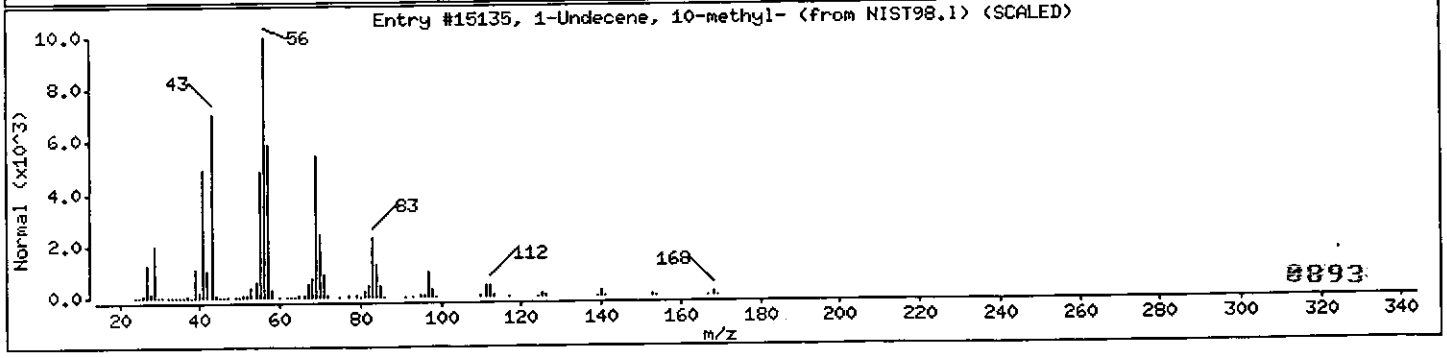
(B) LMH 2/07/06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Octadecanoic acid, 2-methylpropyl ester	646-13-9	NIST98.1	16846	52	C22H4402	340
Octadecanoic acid, butyl ester	123-95-5	NIST98.1	111935	35	C22H4402	340
1-Undecene, 10-methyl-	22370-55-4	NIST98.1	15135	25	C12H24	168









0893

Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

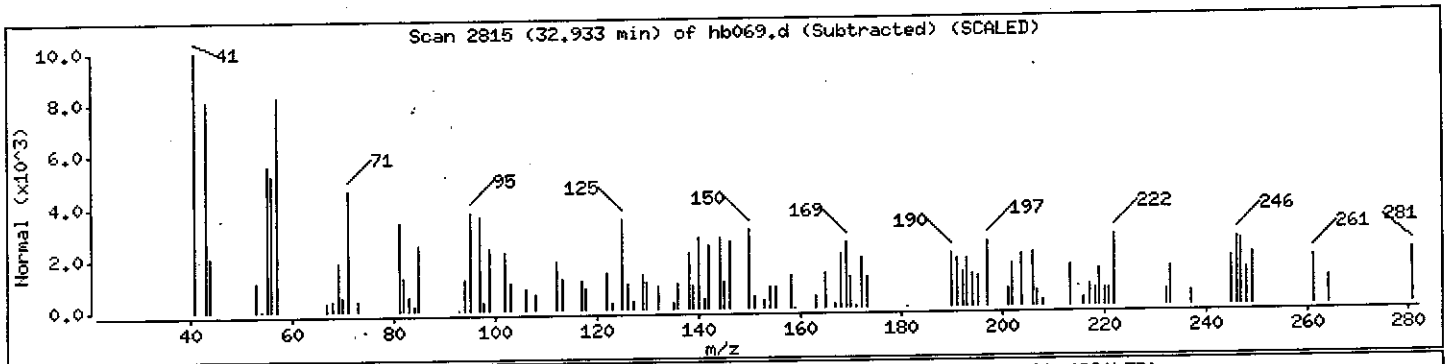
Volume Injected (uL): 2.0

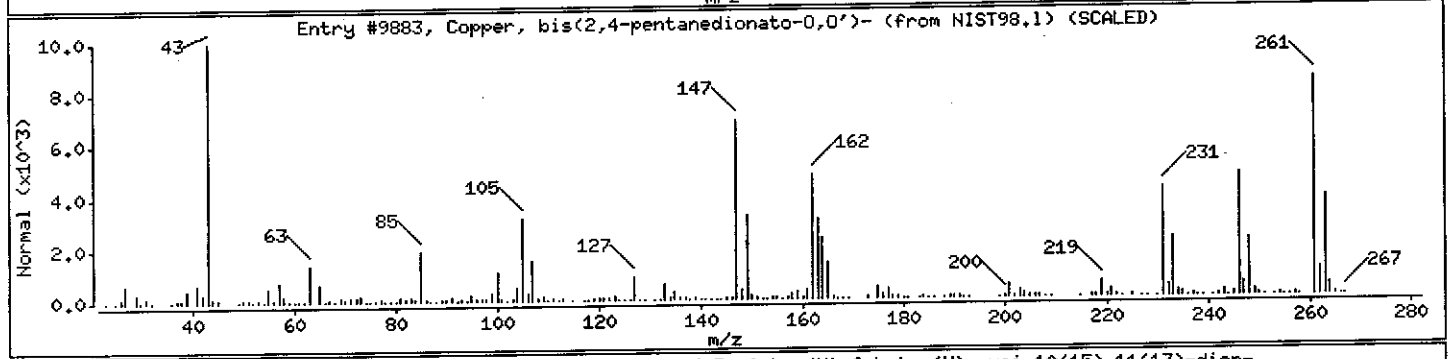
Operator: lmh00956

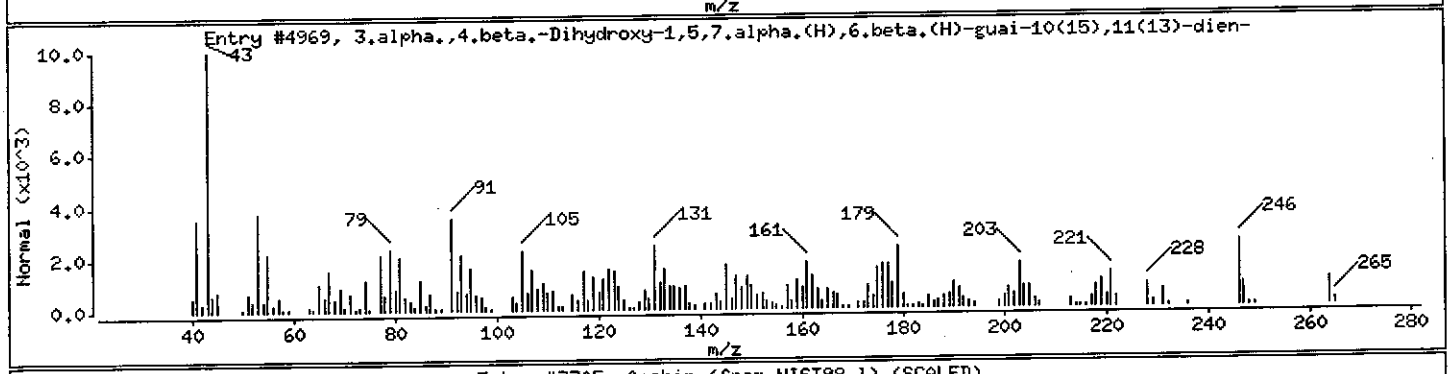
Column phase: J&W DB-5.625

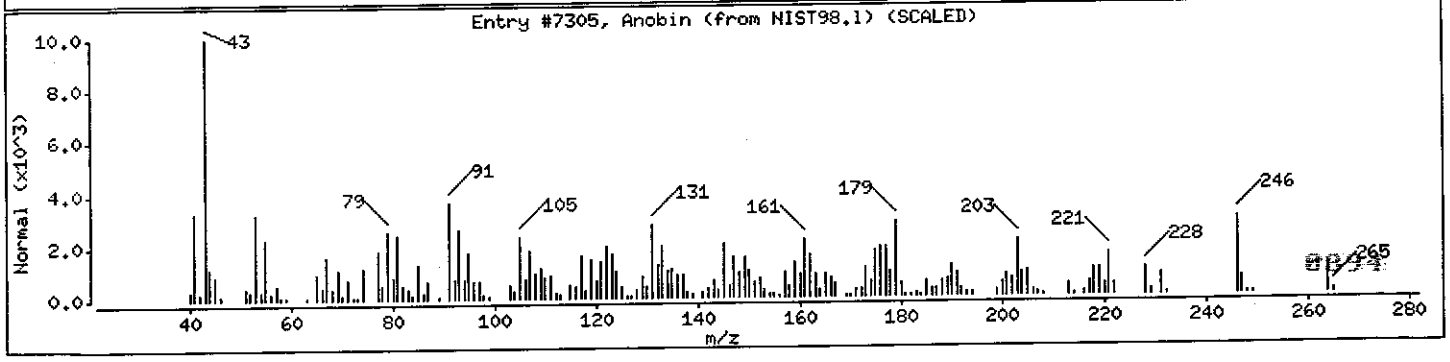
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Copper, bis(2,4-pentanedionato-O,O')-	46369-53-3	NIST98.1	9883	11	C10H14CuO4	261
3.alpha.,4.beta.-Dihydroxy-1,5,7.alpha.(	1000140-58-8	NIST98.1	4969	10	C15H2OO4	264
Anobin	93552-70-6	NIST98.1	7305	9	C15H2OO5	280









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

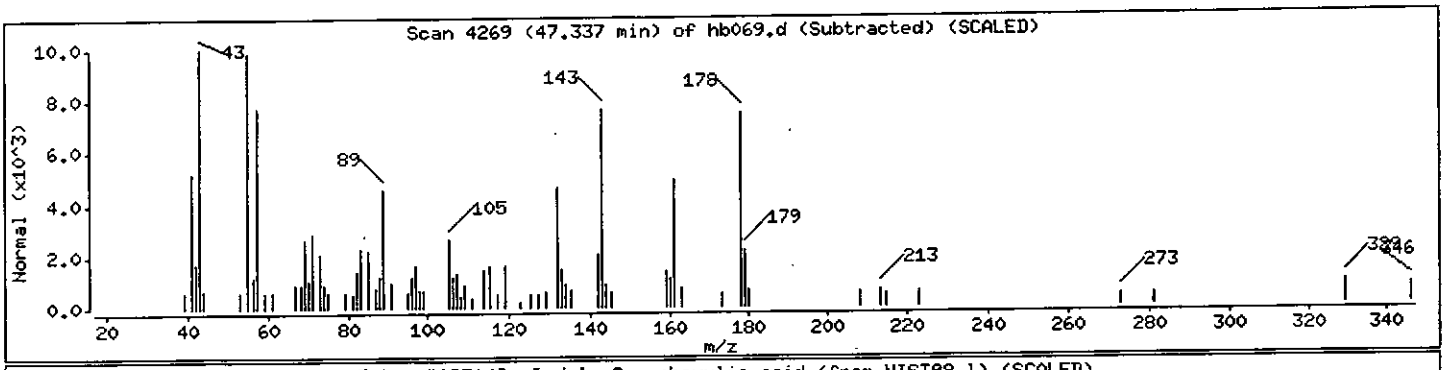
Volume Injected (uL): 2.0

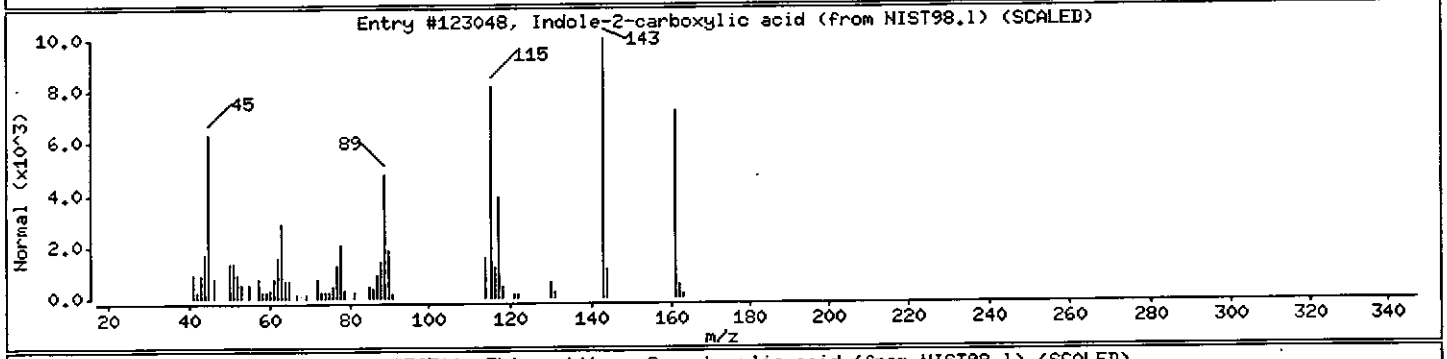
Operator: lmh00956

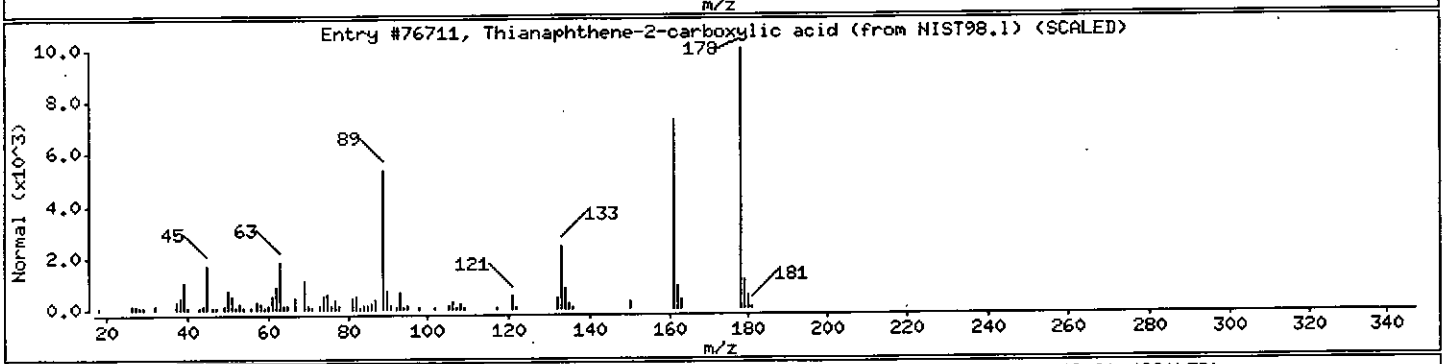
Column phase: J&W DB-5.625

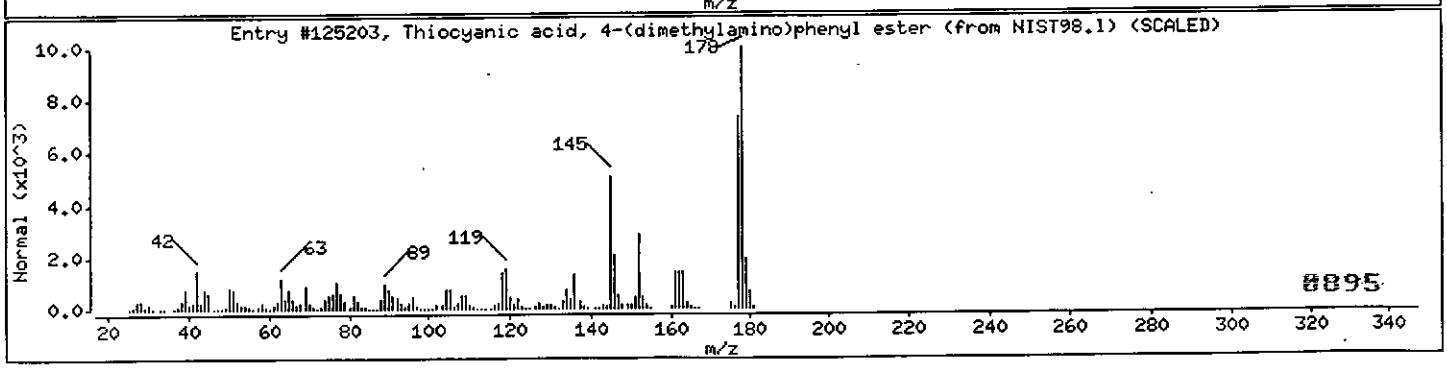
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Indole-2-carboxylic acid	1477-50-5	NIST98.1	123048	41	C9H7NO2	161
Thianaphthene-2-carboxylic acid	6314-28-9	NIST98.1	76711	38	C9H6O2S	178
Thiocyanic acid, 4-(dimethylamino)phenyl	7152-80-9	NIST98.1	125203	25	C9H10N2S	178









0895

Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

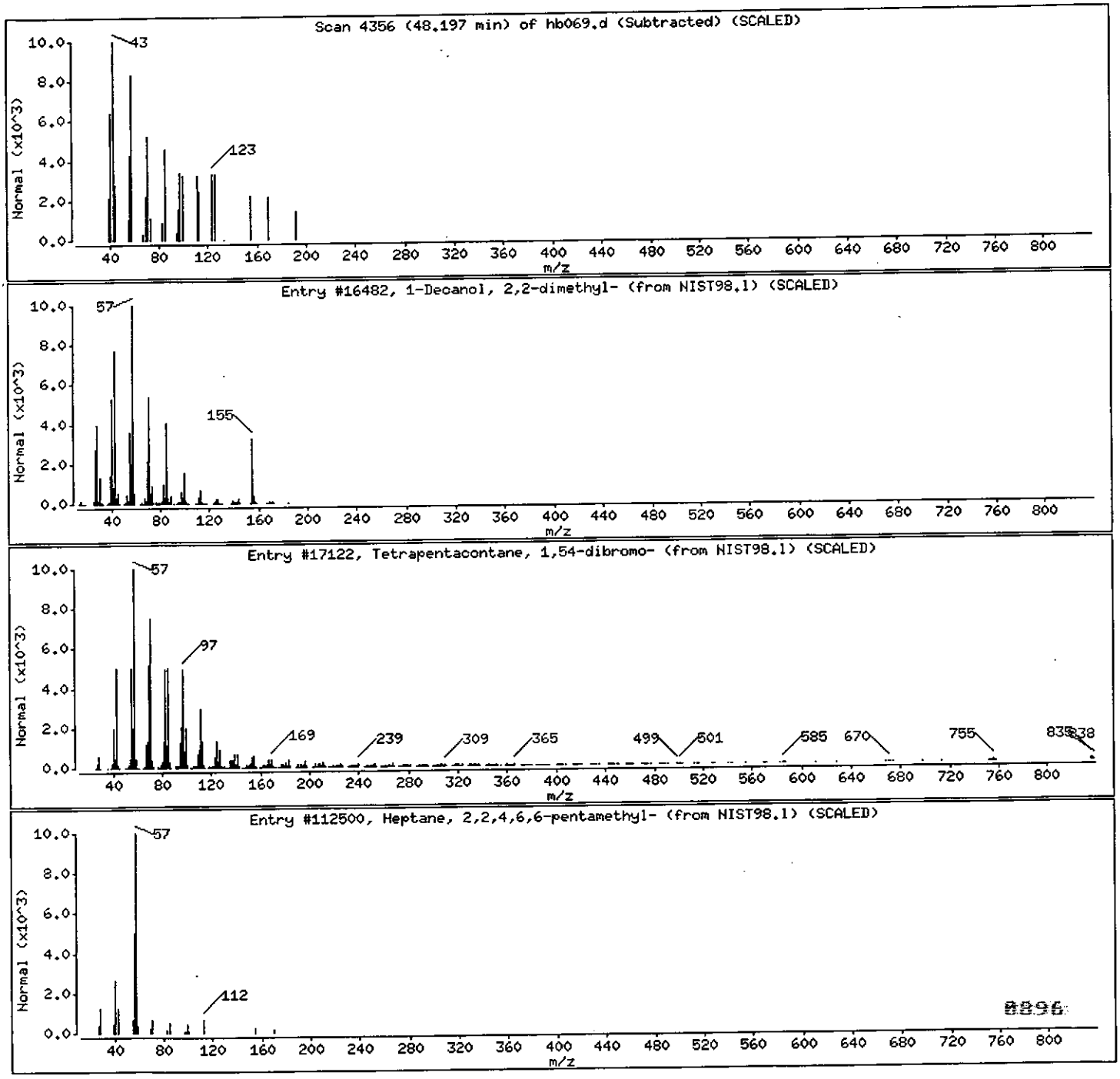
Volume Injected (uL): 2.0

Operator: lmh00956

Column phase: J&W DB-5.625

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Decanol, 2,2-dimethyl-	2370-15-2	NIST98.1	16482	38	C12H26O	186
Tetrapentacontane, 1,54-dibromo-	1000156-09-4	NIST98.1	17122	38	C54H108Br2	915
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	NIST98.1	112500	37	C12H26	170



Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

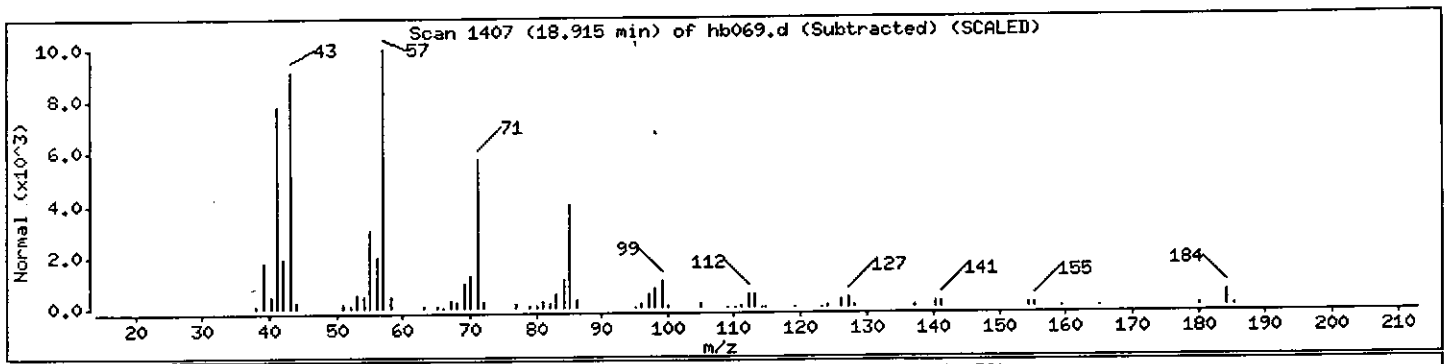
Volume Injected (uL): 2.0

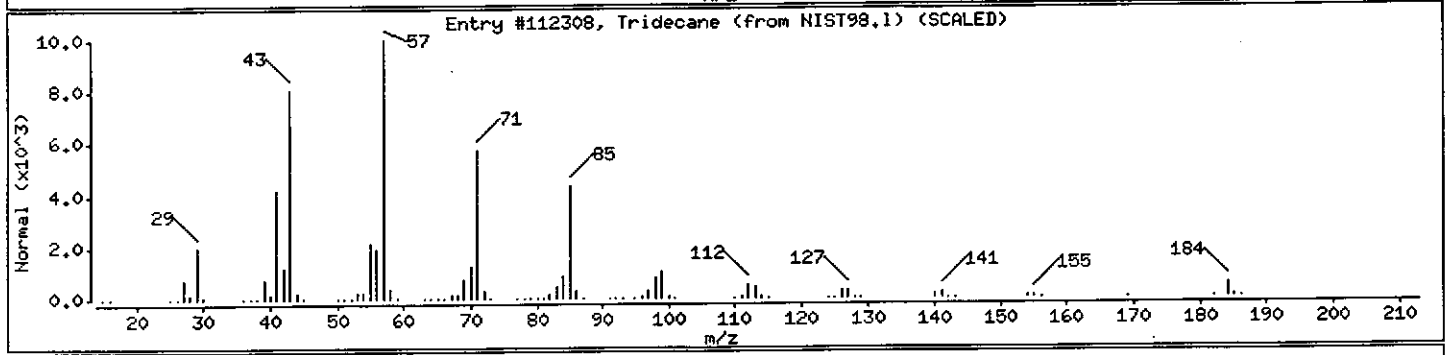
Operator: lmh00956

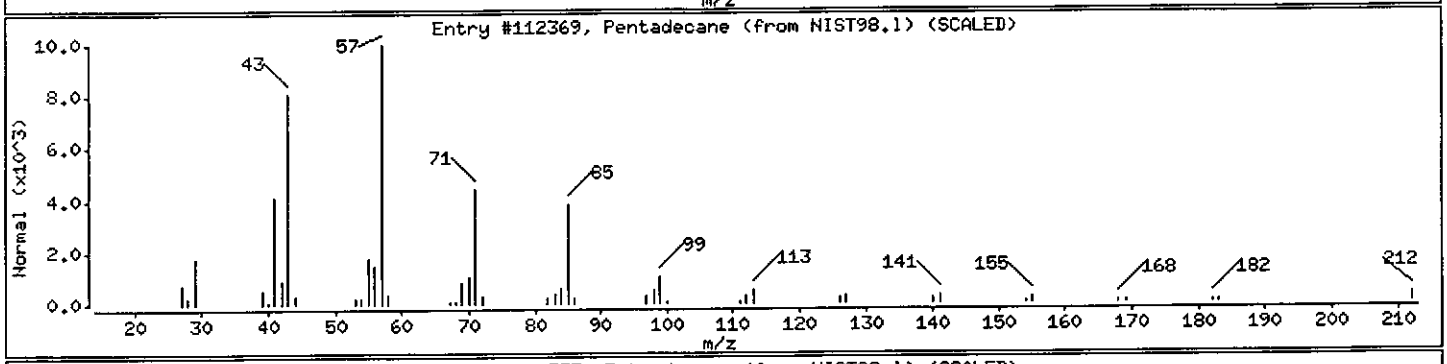
Column phase: J&W DB-5.625

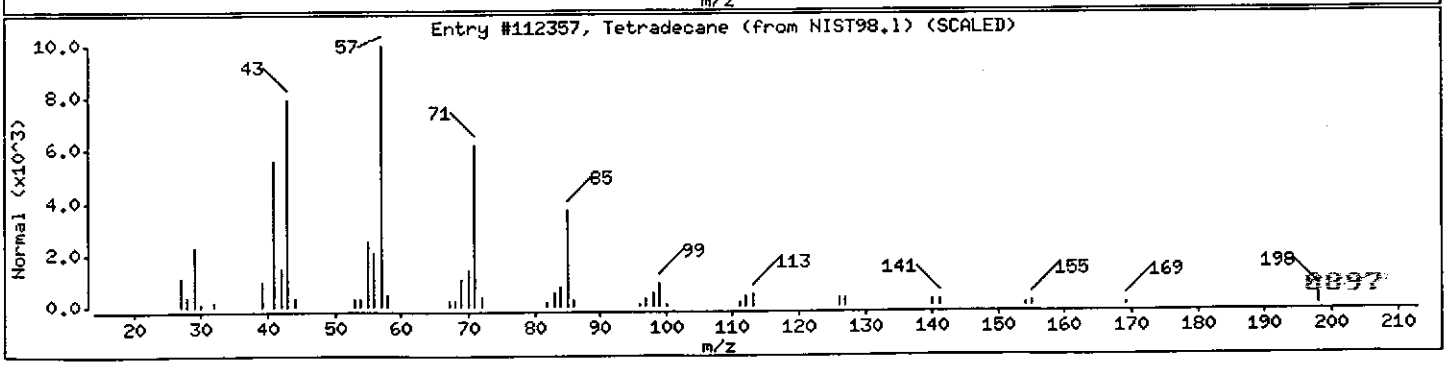
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane	629-50-5	NIST98.1	112308	97	C13H28	184
Pentadecane	629-62-9	NIST98.1	112369	90	C15H32	212
Tetradecane	629-59-4	NIST98.1	112357	87	C14H30	198









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

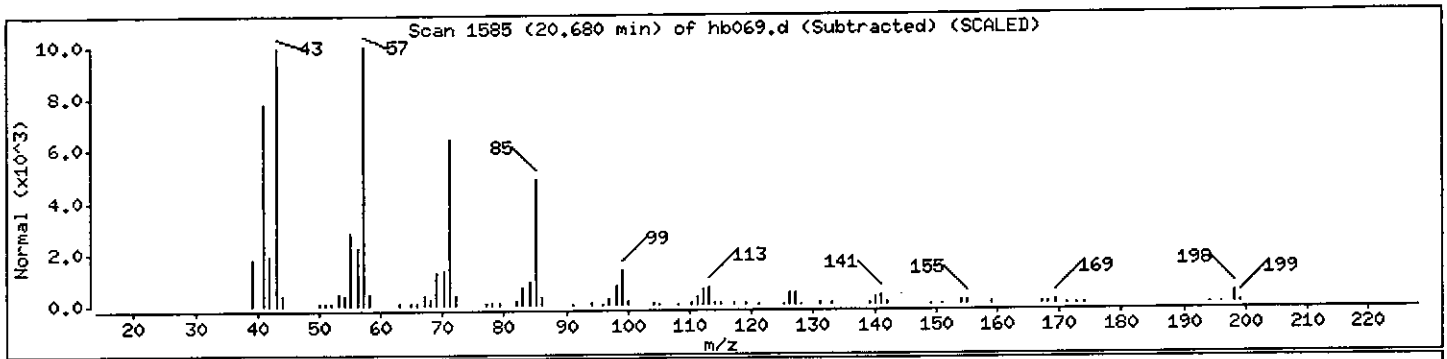
Volume Injected (uL): 2.0

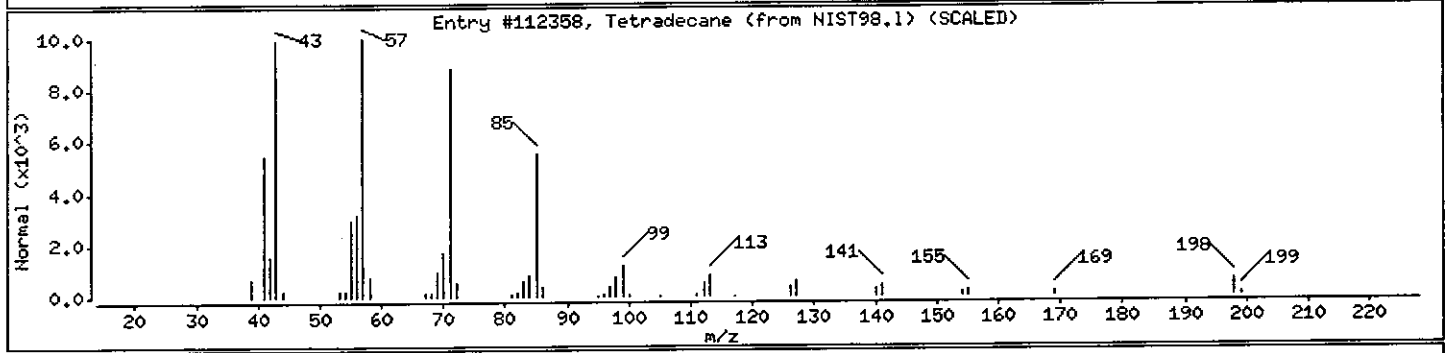
Operator: lmh00956

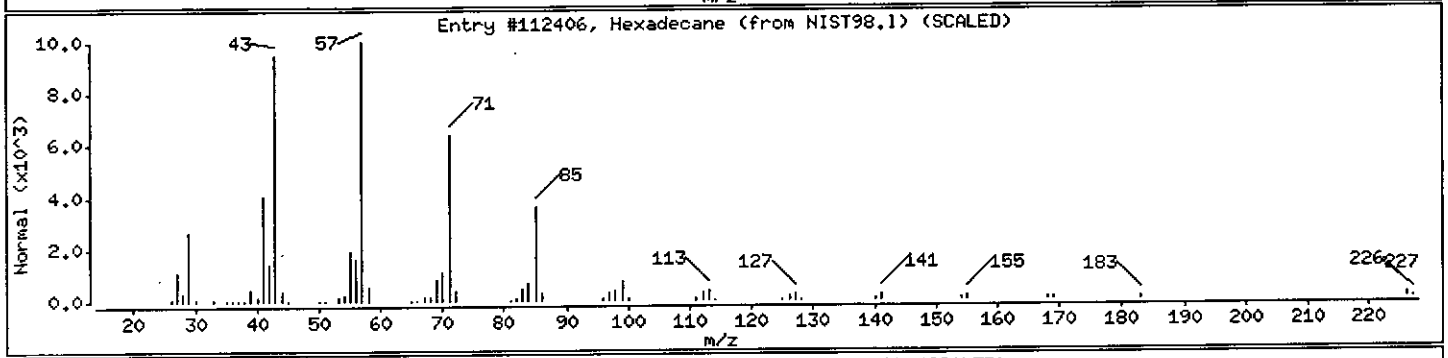
Column phase: J&W DB-5.625

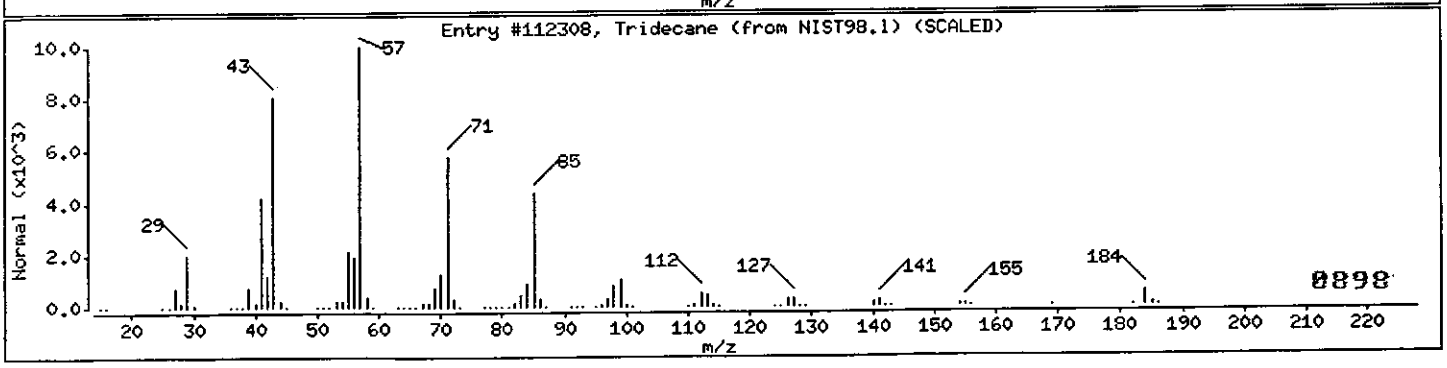
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tetradecane	629-59-4	NIST98.1	112358	98	C14H30	198
Hexadecane	544-76-3	NIST98.1	112406	91	C16H34	226
Tridecane	629-50-5	NIST98.1	112308	91	C13H28	184









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

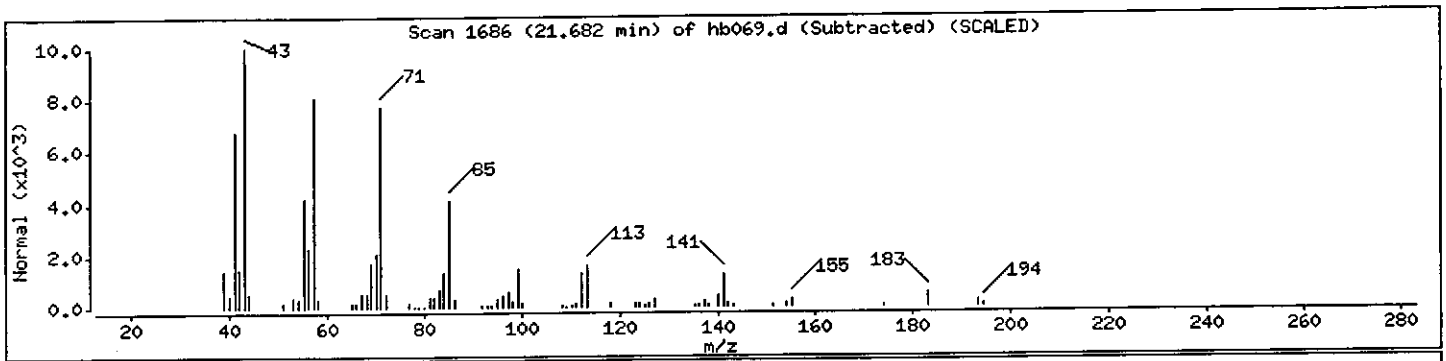
Volume Injected (uL): 2.0

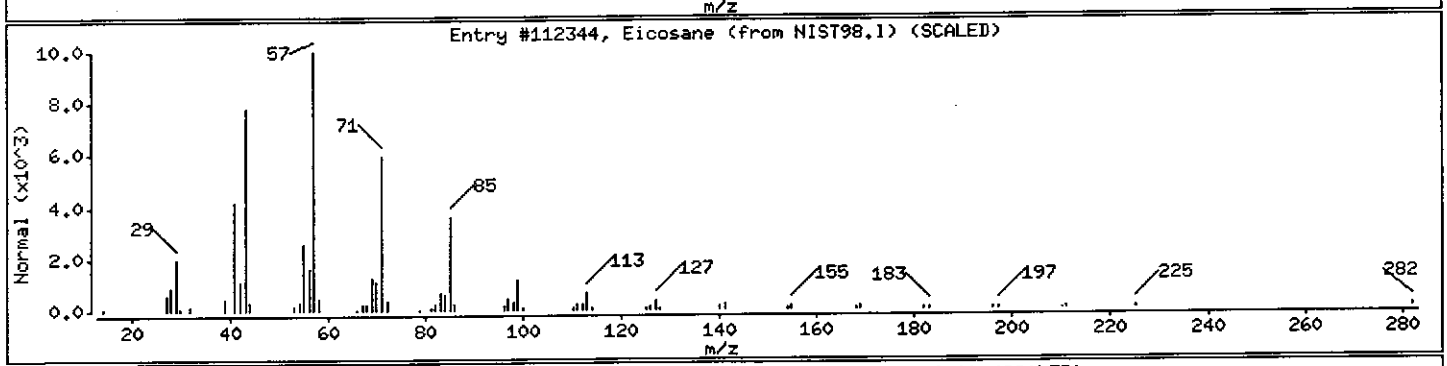
Operator: lmh00956

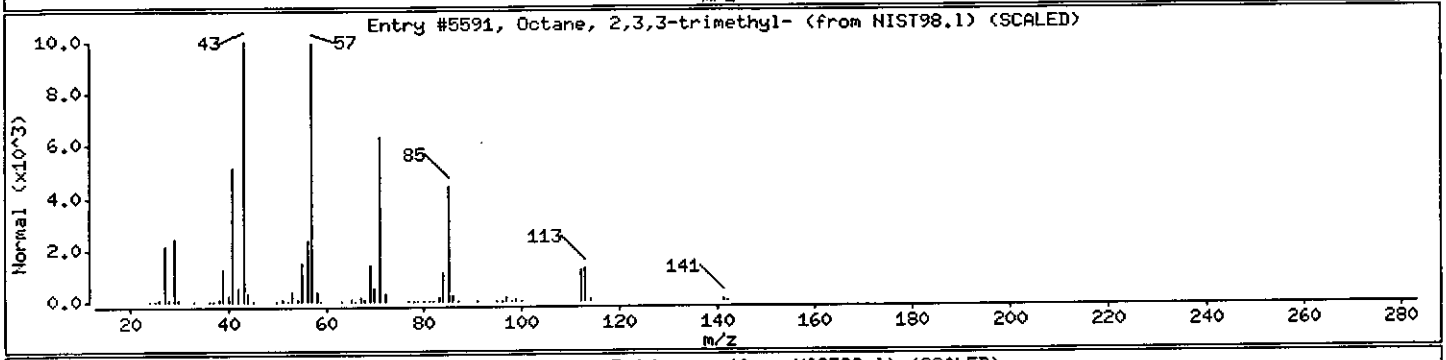
Column phase: J&W DB-5.625

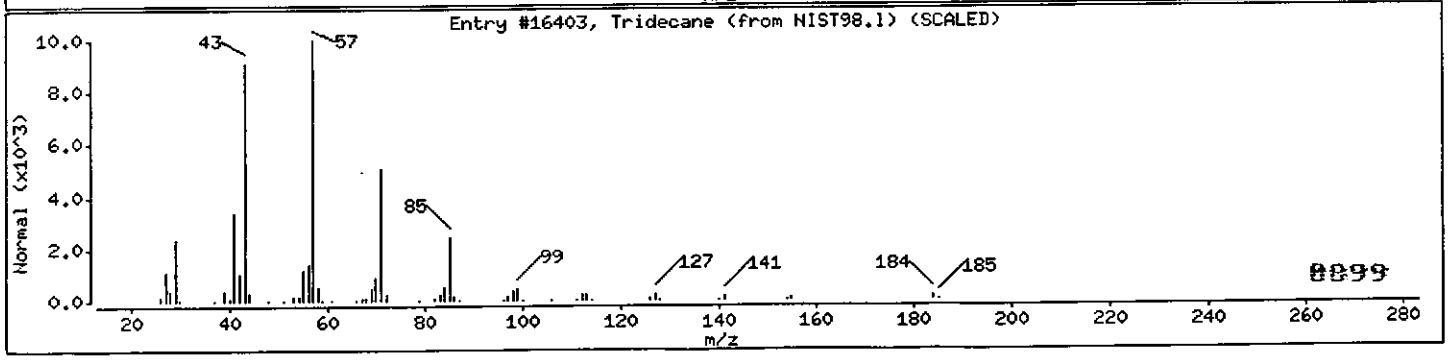
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Eicosane	112-95-8	NIST98.1	112344	72	C20H42	282
Octane, 2,3,3-trimethyl-	62016-30-2	NIST98.1	5591	64	C11H24	156
Tridecane	629-50-5	NIST98.1	16403	64	C13H28	184









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Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

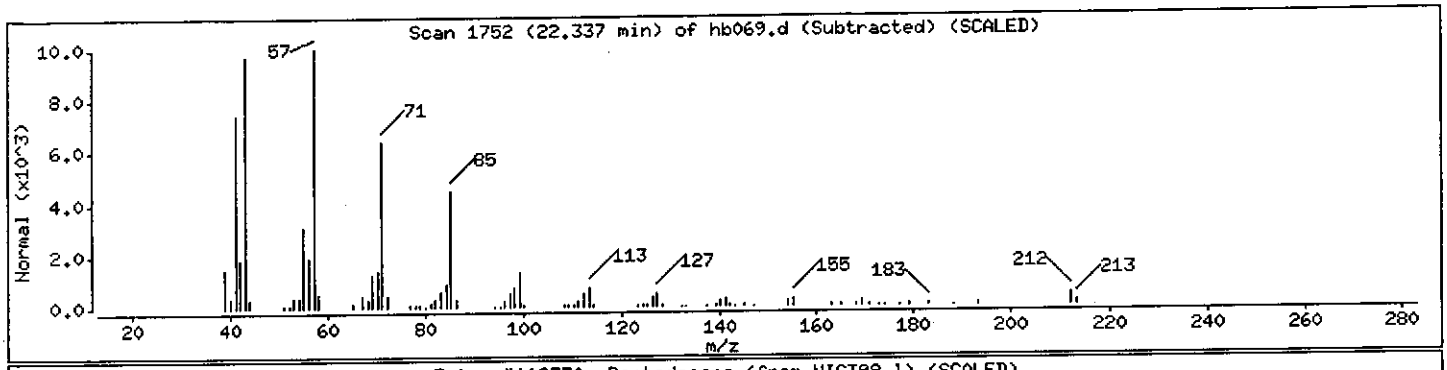
Volume Injected (uL): 2.0

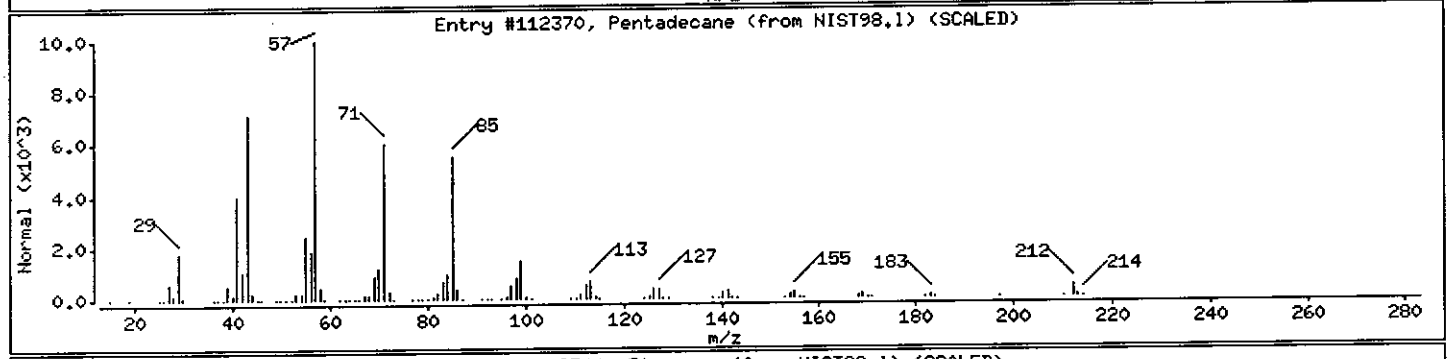
Operator: lmh00956

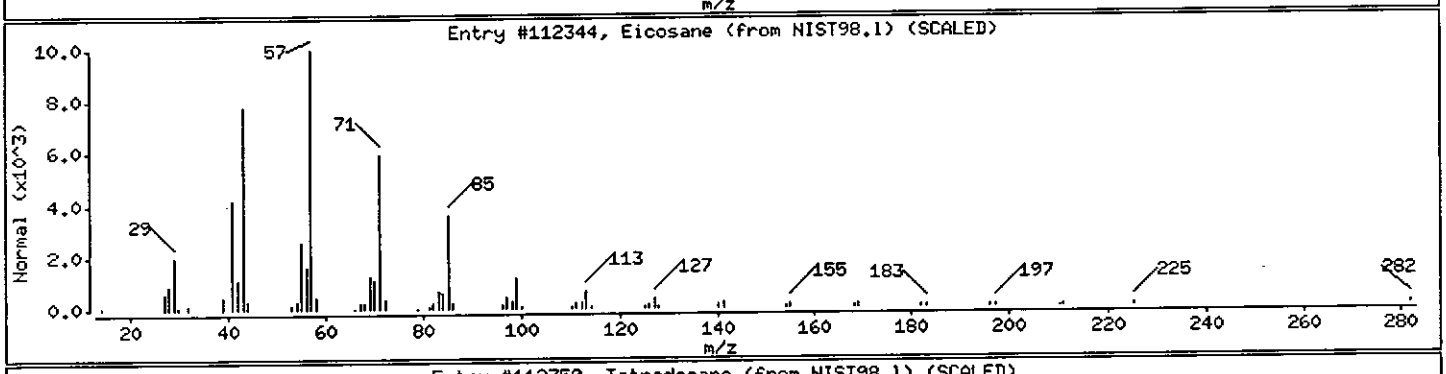
Column phase: J&W DB-5.625

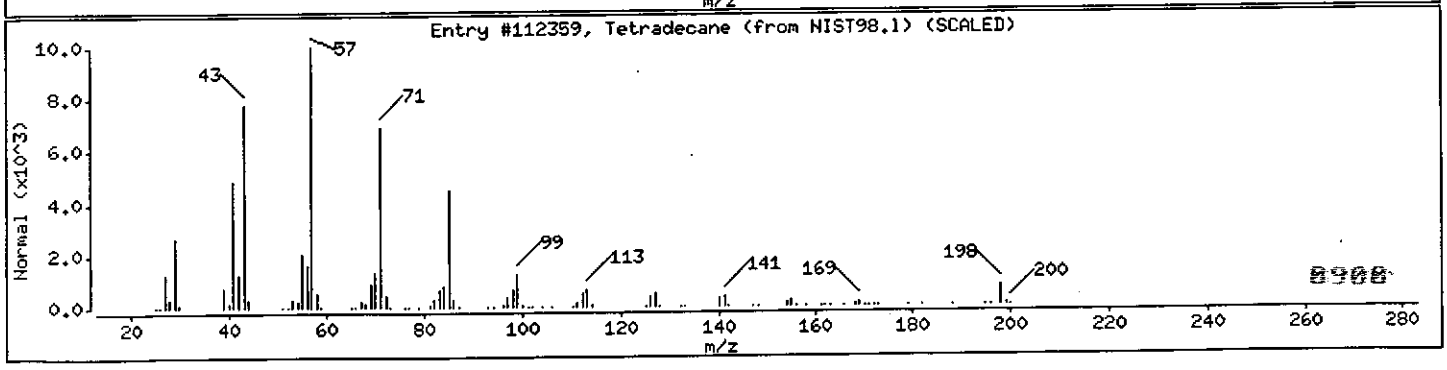
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane	629-62-9	NIST98.1	112370	98	C15H32	212
Eicosane	112-95-8	NIST98.1	112344	91	C20H42	282
Tetradecane	629-59-4	NIST98.1	112359	91	C14H30	198









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

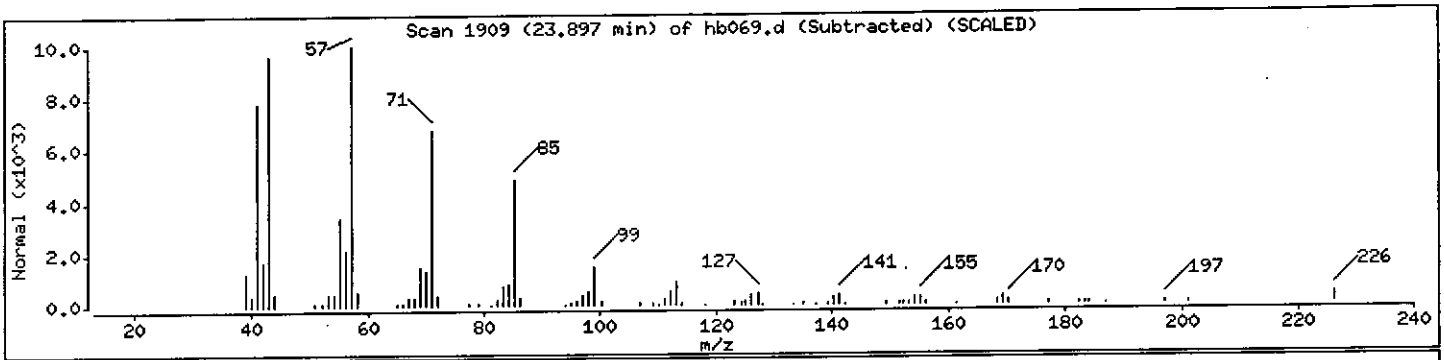
Volume Injected (uL): 2.0

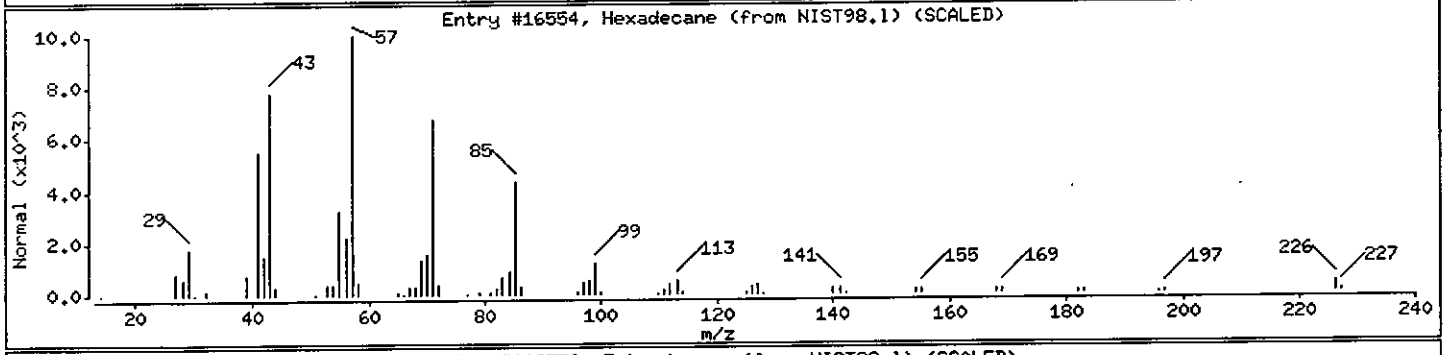
Operator: lmh00956

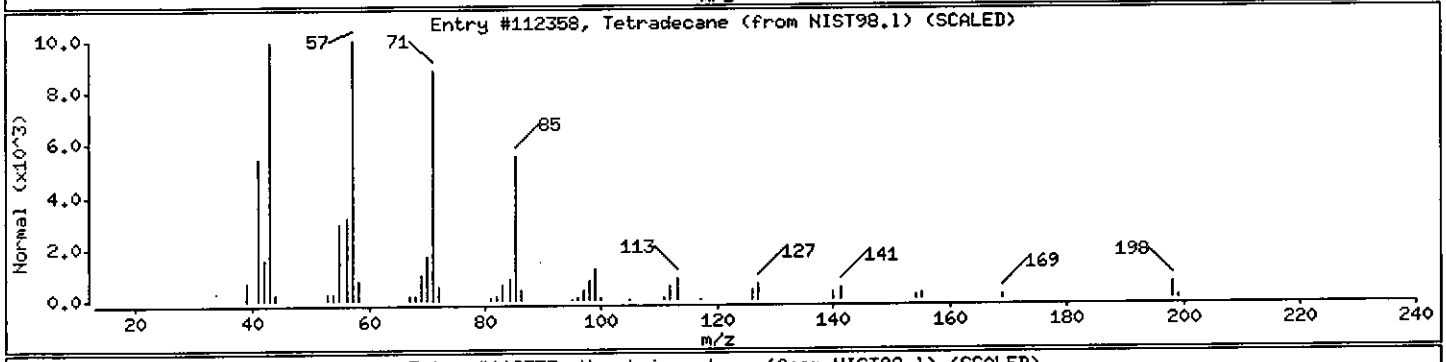
Column phase: J&W DB-5.625

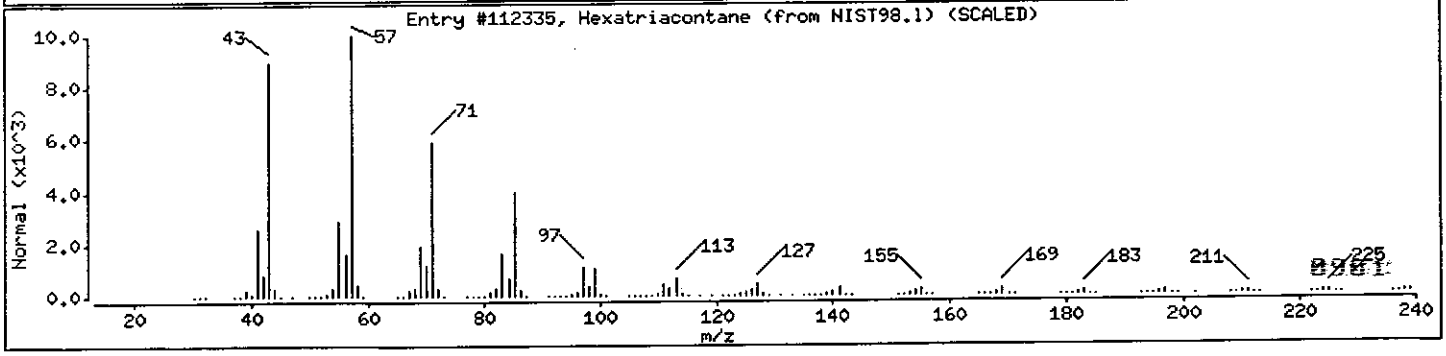
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Hexadecane	544-76-3	NIST98.1	16554	98	C16H34	226
Tetradecane	629-59-4	NIST98.1	112358	91	C14H30	198
Hexatriacontane	630-06-8	NIST98.1	112335	91	C36H74	507









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

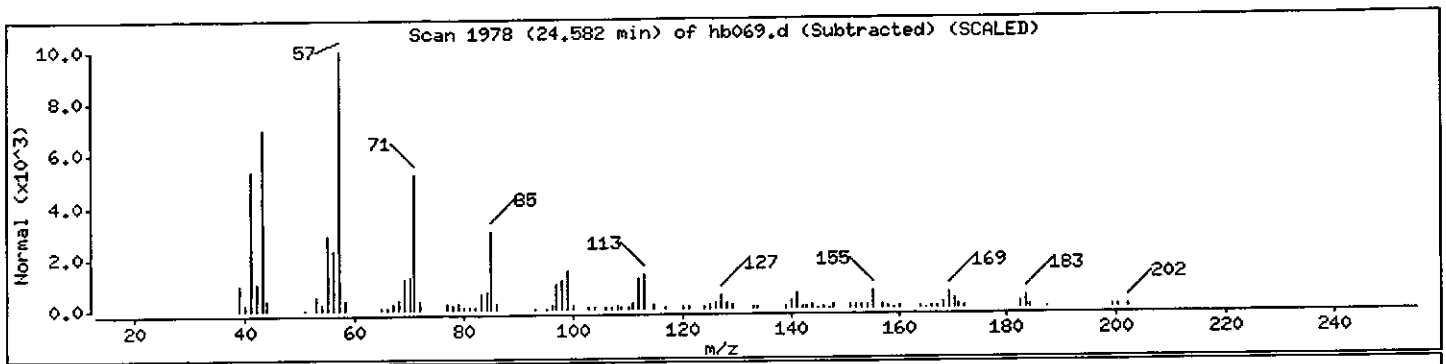
Volume Injected (uL): 2.0

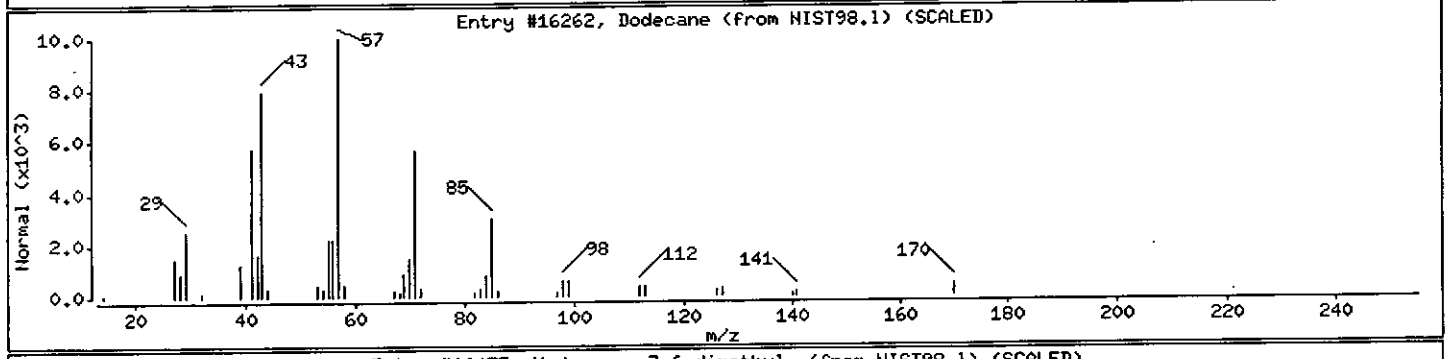
Operator: lmh00956

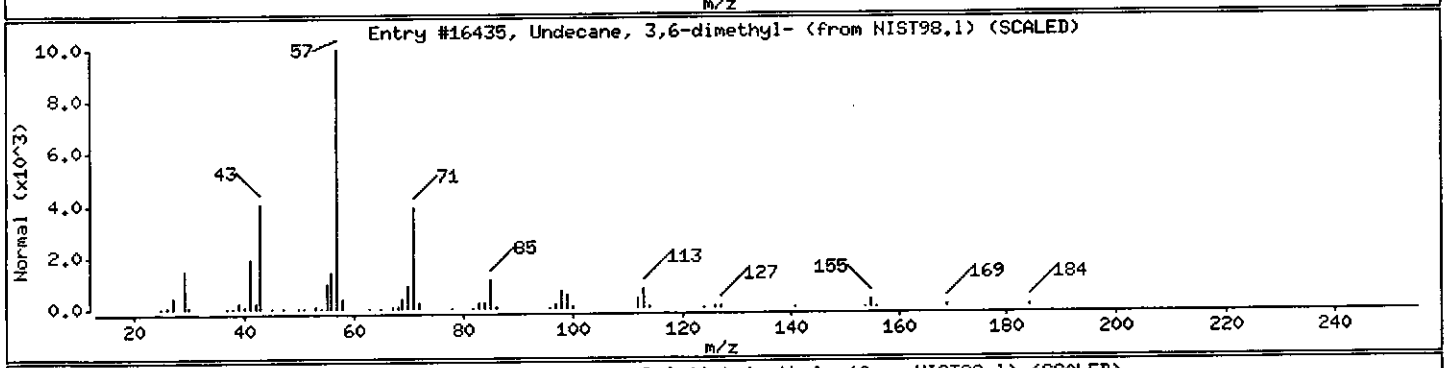
Column phase: J&W DB-5.625

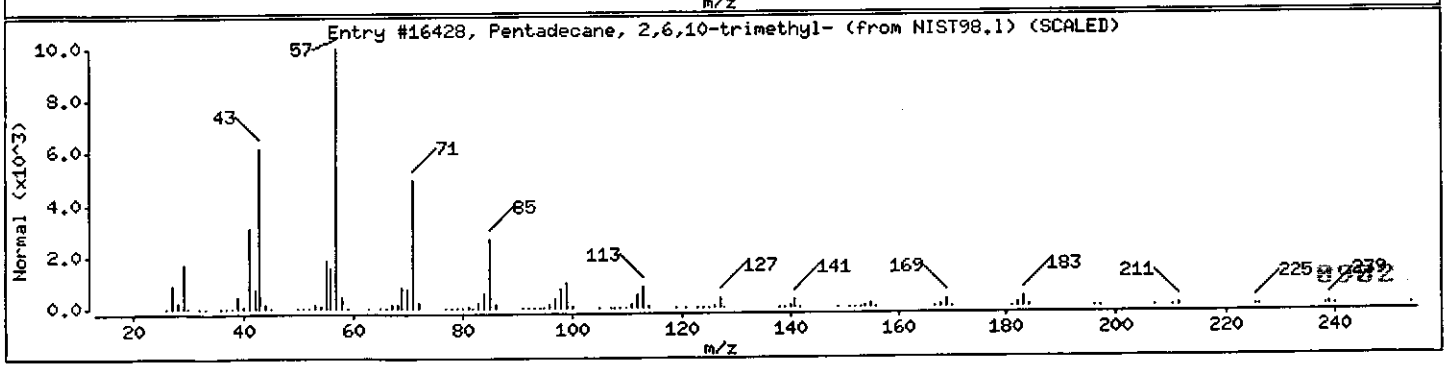
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST98.1	16262	81	C12H26	170
Undecane, 3,6-dimethyl-	17301-28-9	NIST98.1	16435	74	C13H28	184
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST98.1	16428	72	C18H38	254









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

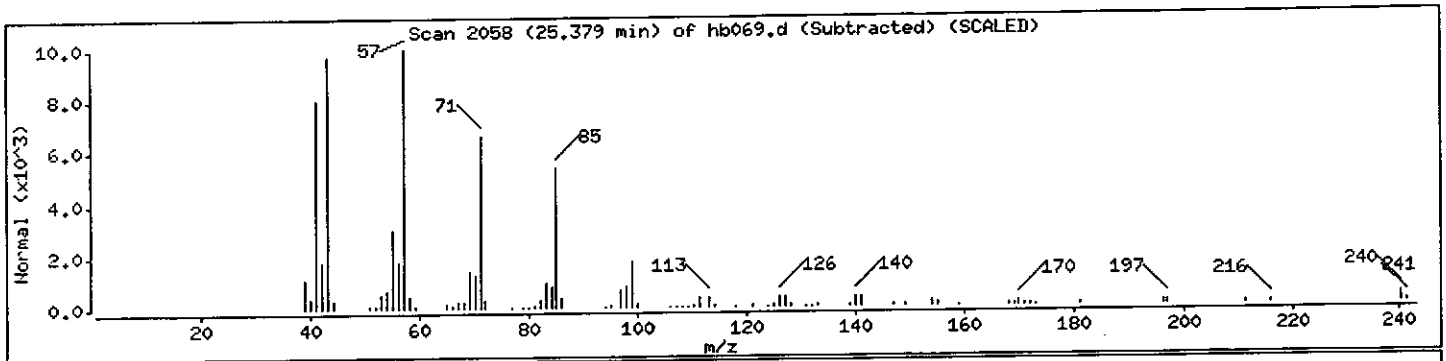
Volume Injected (uL): 2.0

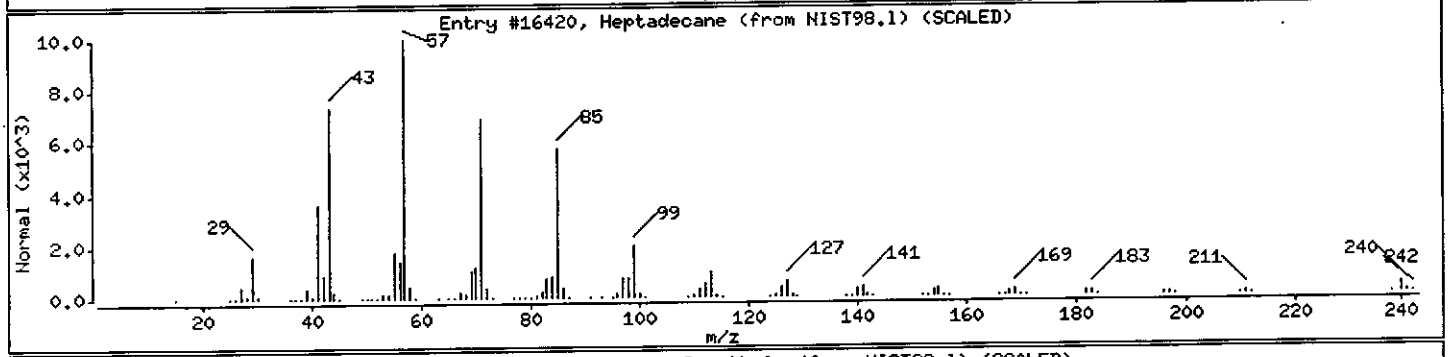
Operator: lmh00956

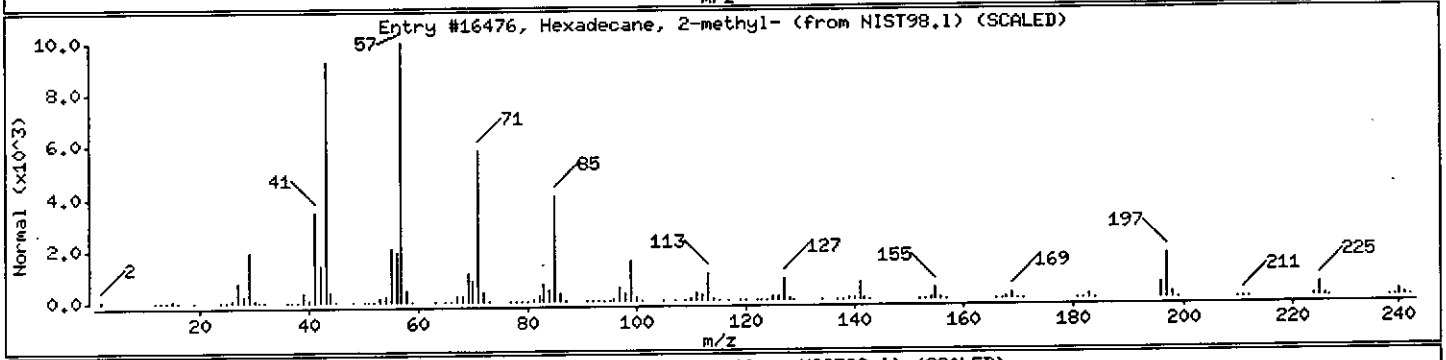
Column phase: J&W DB-5.625

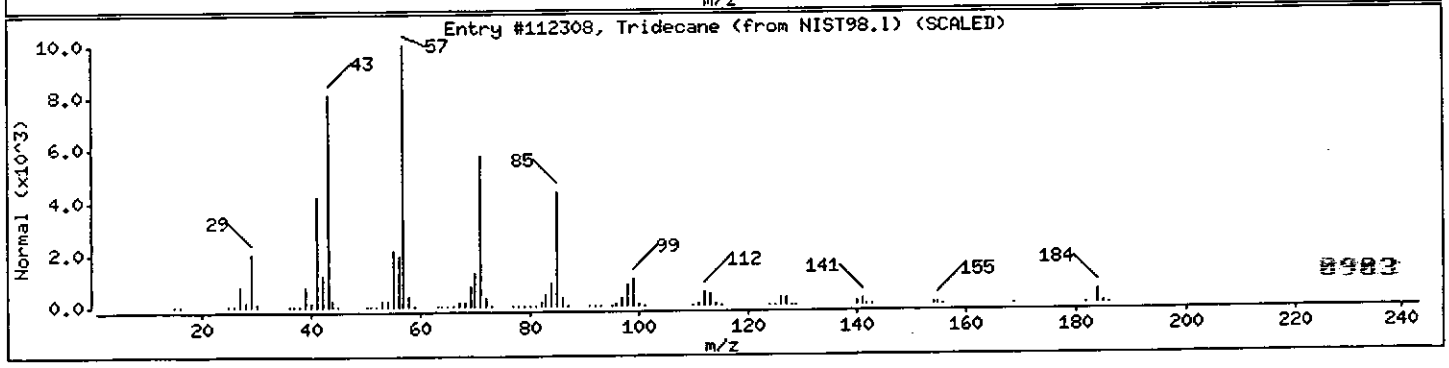
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane	629-78-7	NIST98.1	16420	93	C17H36	240
Hexadecane, 2-methyl-	1560-92-5	NIST98.1	16476	91	C17H36	240
Tridecane	629-50-5	NIST98.1	112308	86	C13H28	184









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

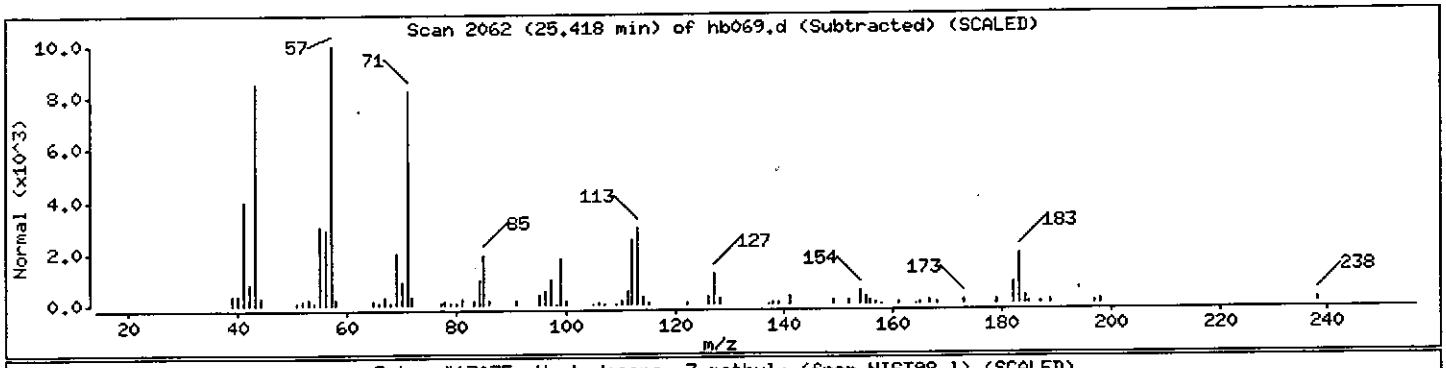
Volume Injected (uL): 2.0

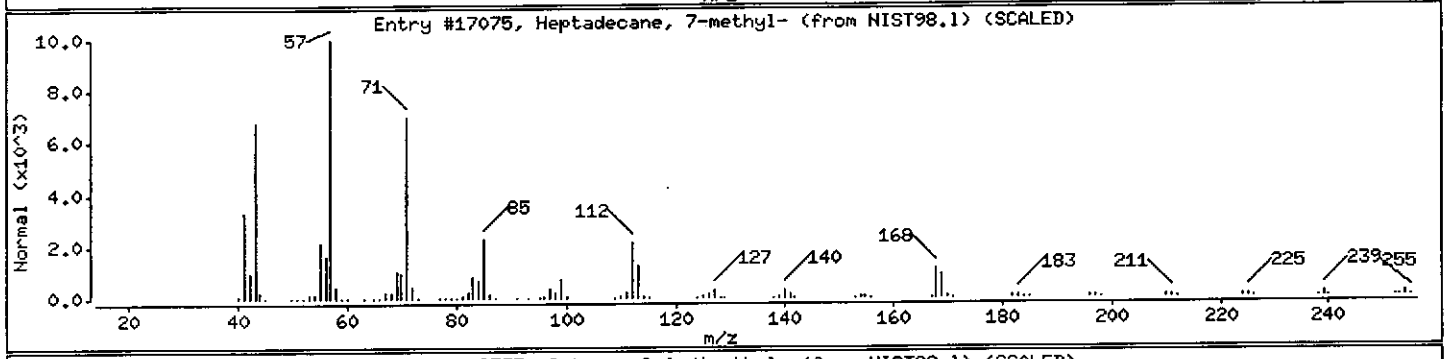
Operator: lmh00956

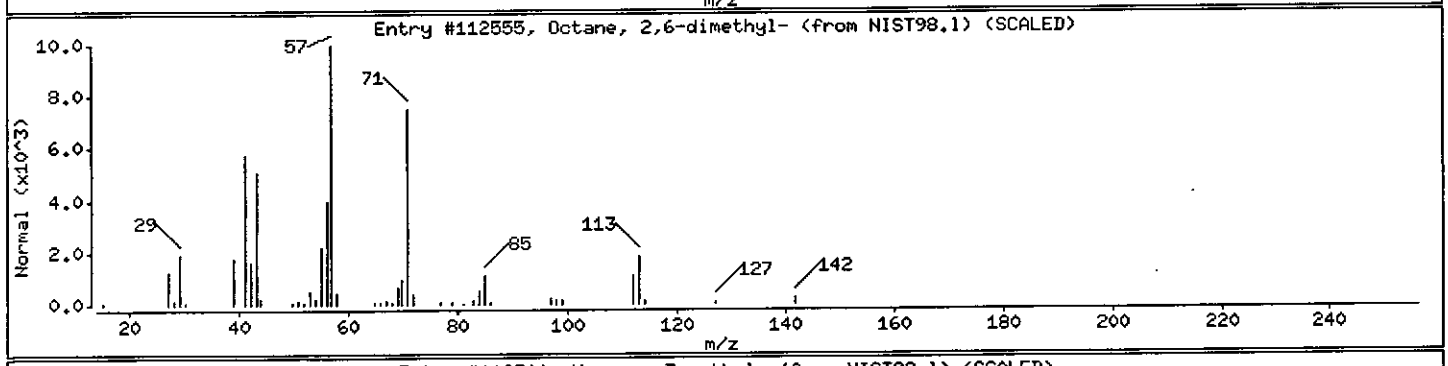
Column phase: J&W DB-5.625

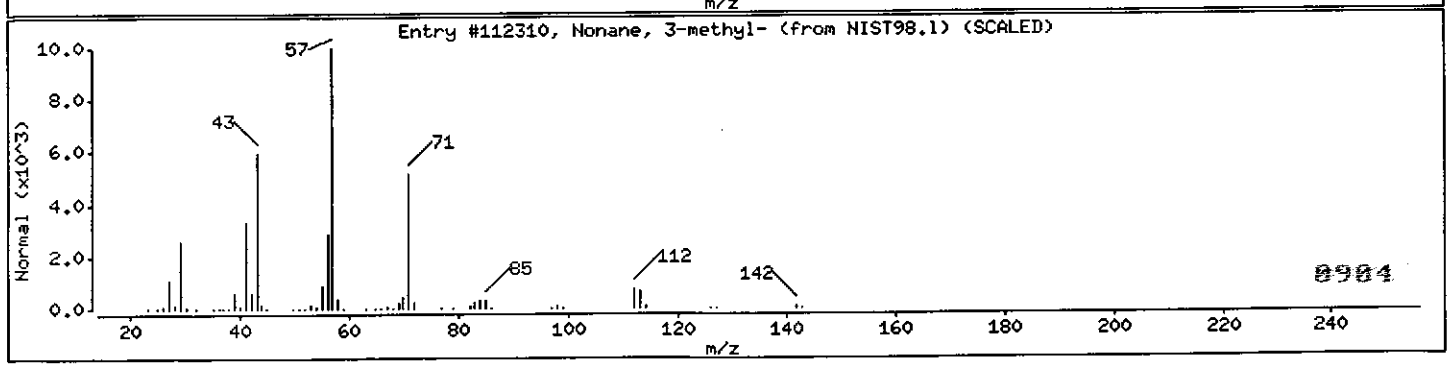
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane, 7-methyl-	20959-33-5	NIST98.1	17075	53	C18H38	254
Octane, 2,6-dimethyl-	2051-30-1	NIST98.1	112555	50	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST98.1	112310	50	C10H22	142









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Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

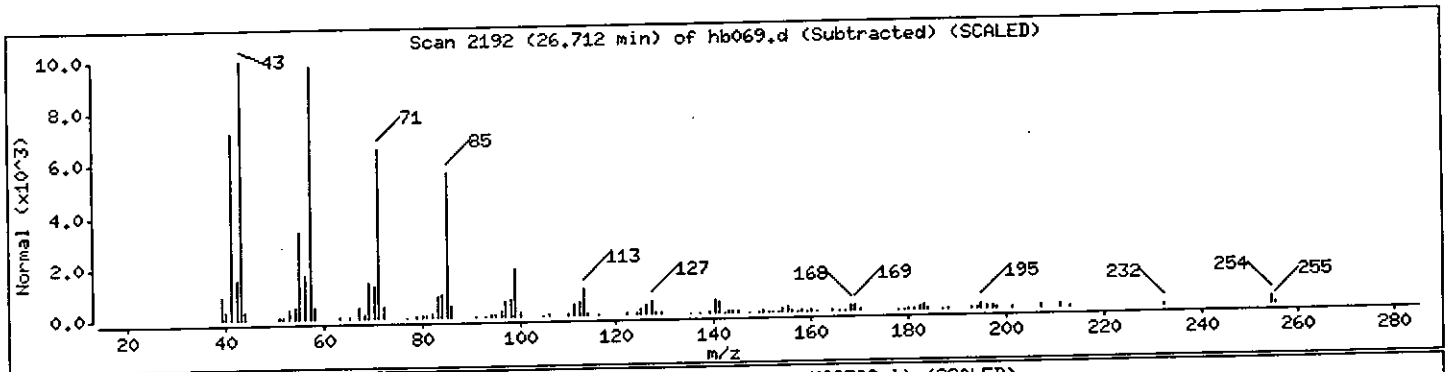
Volume Injected (uL): 2.0

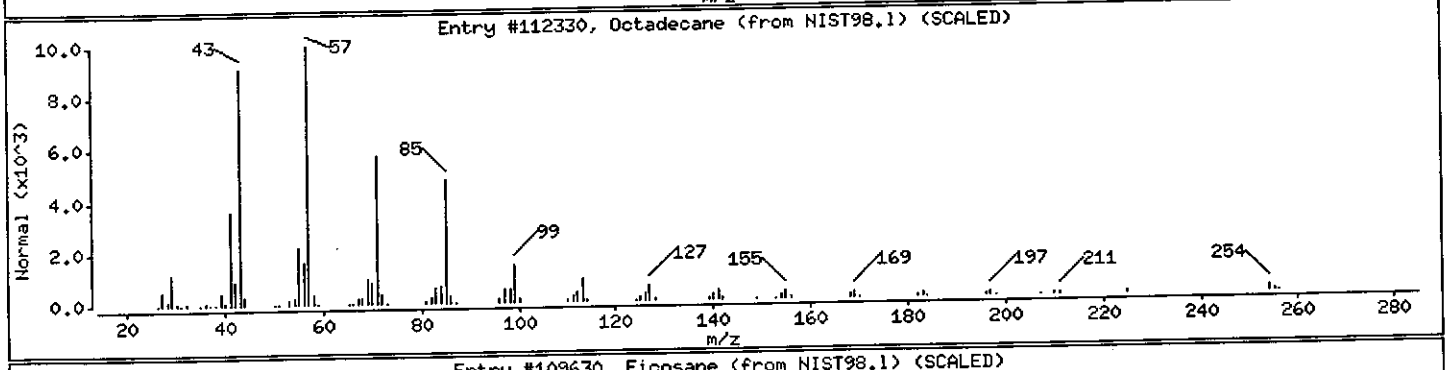
Operator: lmh00956

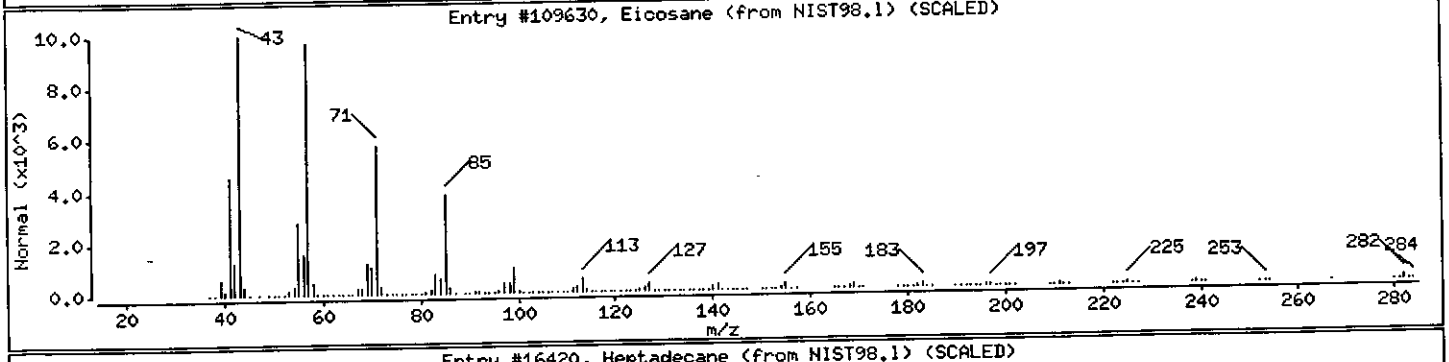
Column phase: J&W DB-5.625

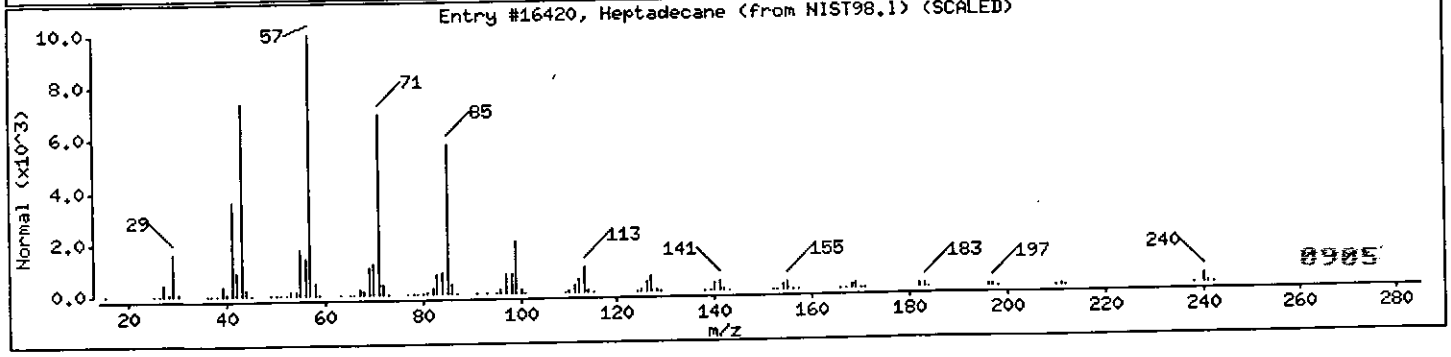
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octadecane	593-45-3	NIST98.1	112330	98	C18H38	254
Eicosane	112-95-8	NIST98.1	109630	90	C20H42	282
Heptadecane	629-78-7	NIST98.1	16420	90	C17H36	240









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

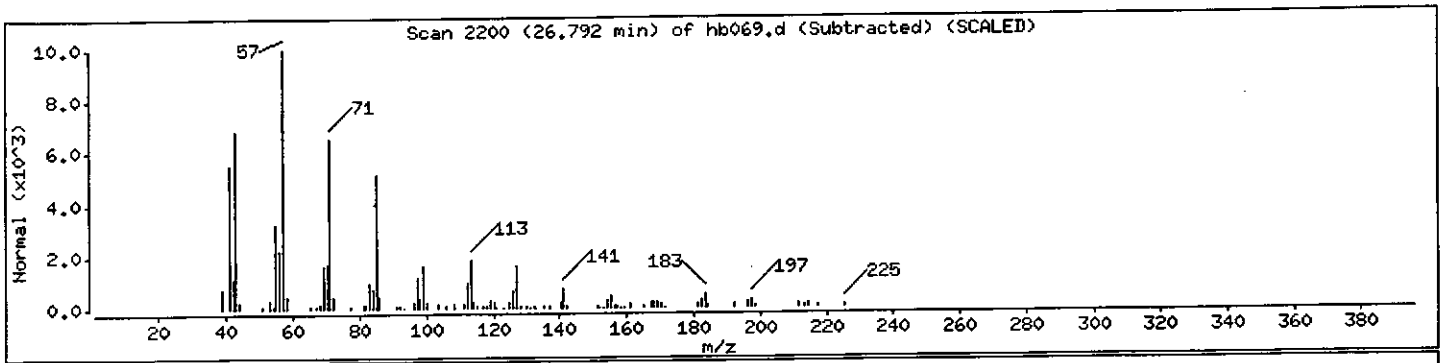
Volume Injected (uL): 2.0

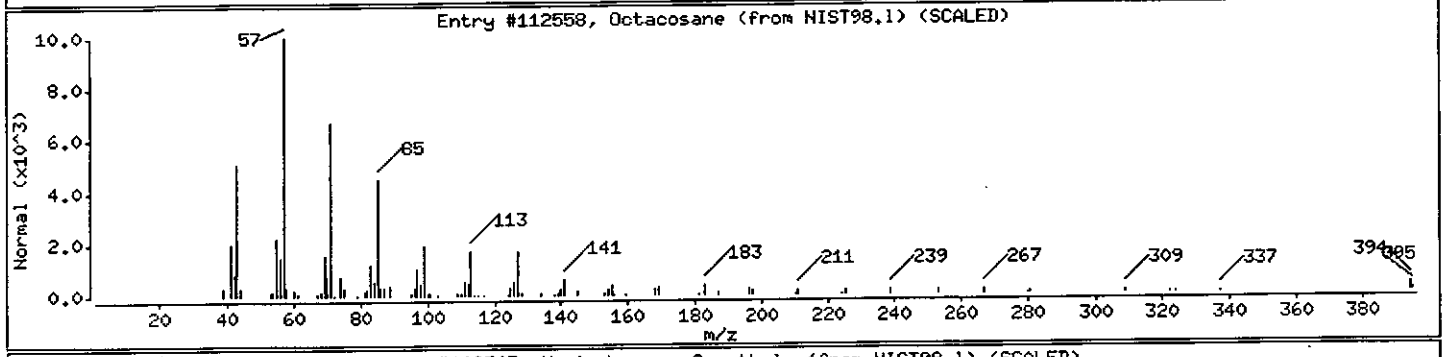
Operator: lmh00956

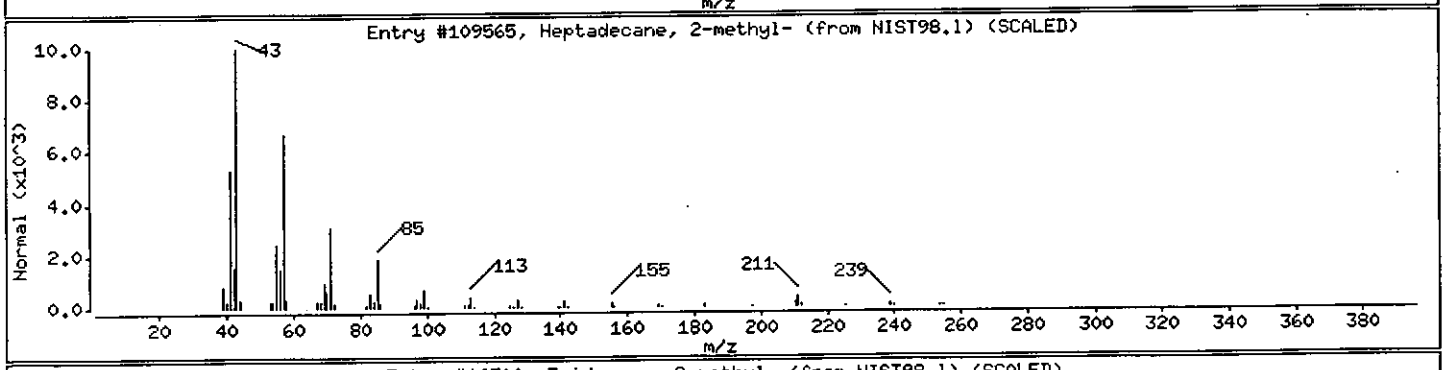
Column phase: J&W DB-5.625

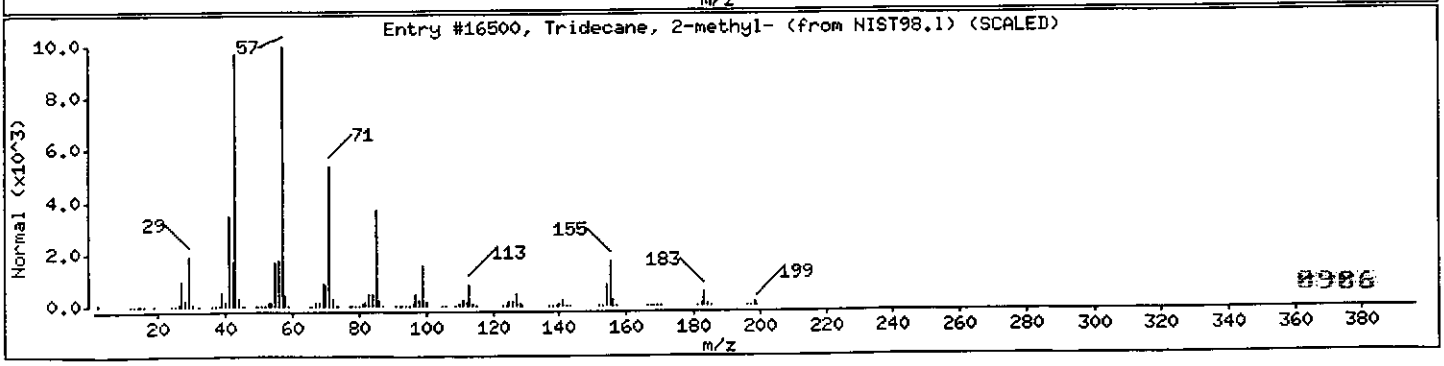
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octacosane	630-02-4	NIST98.1	112558	87	C28H58	394
Heptadecane, 2-methyl-	1560-89-0	NIST98.1	109565	87	C18H38	254
Tridecane, 2-methyl-	1560-96-9	NIST98.1	16500	87	C14H30	198









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

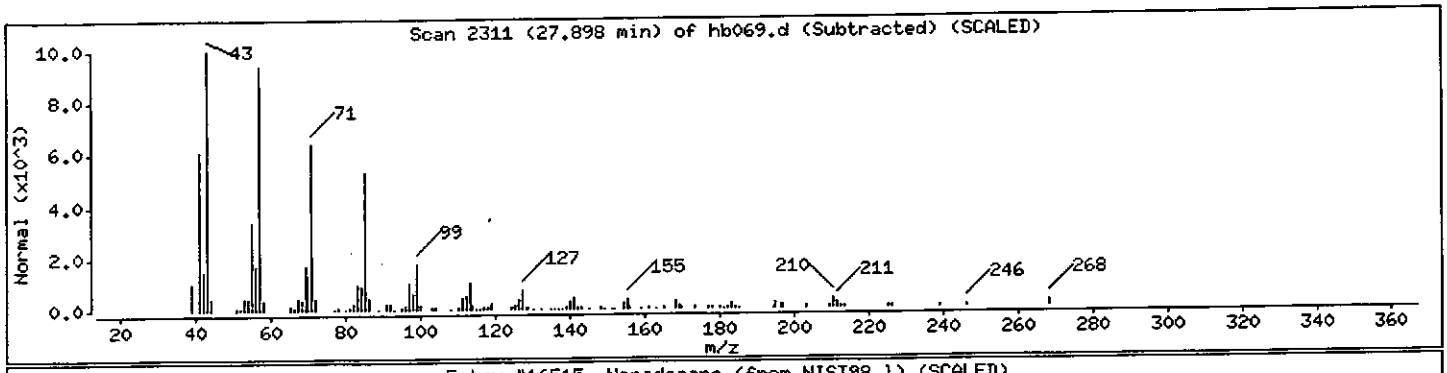
Volume Injected (uL): 2.0

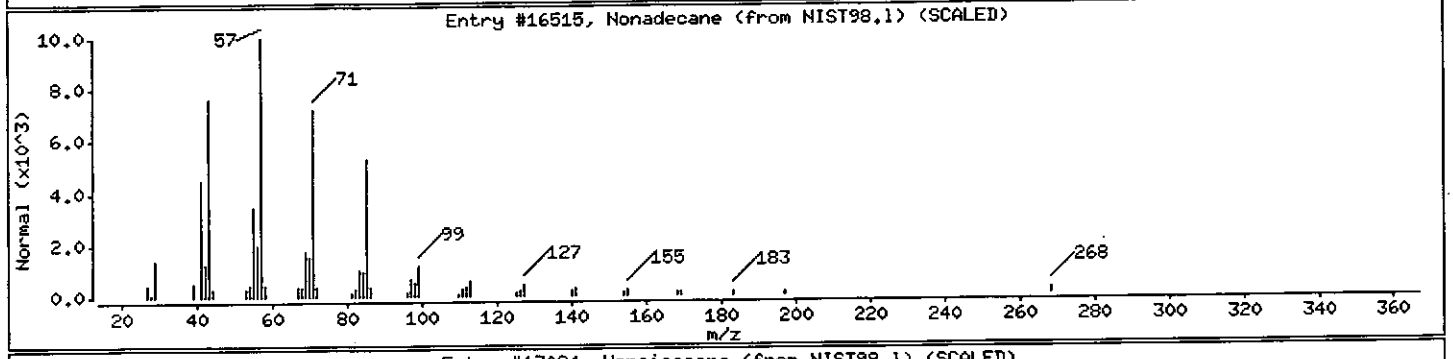
Operator: lmh00956

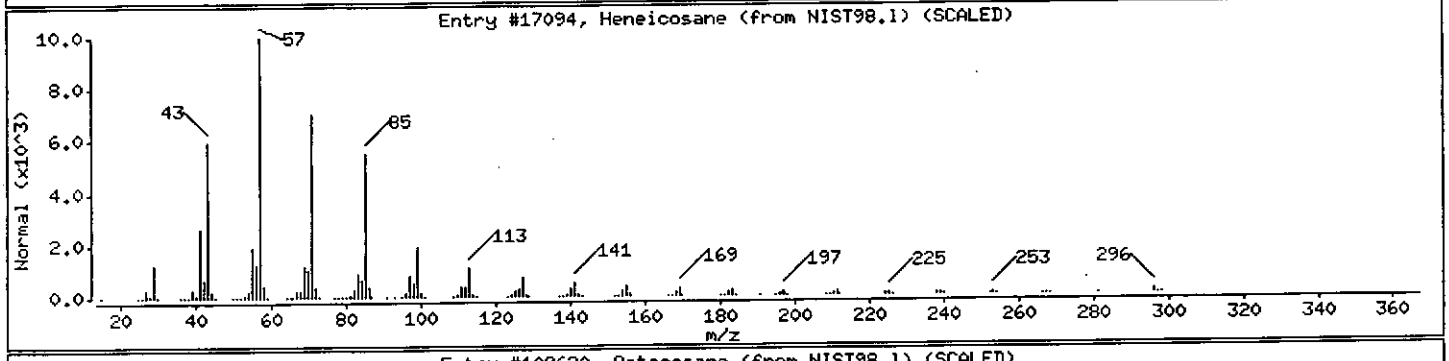
Column phase: J&W DB-5.625

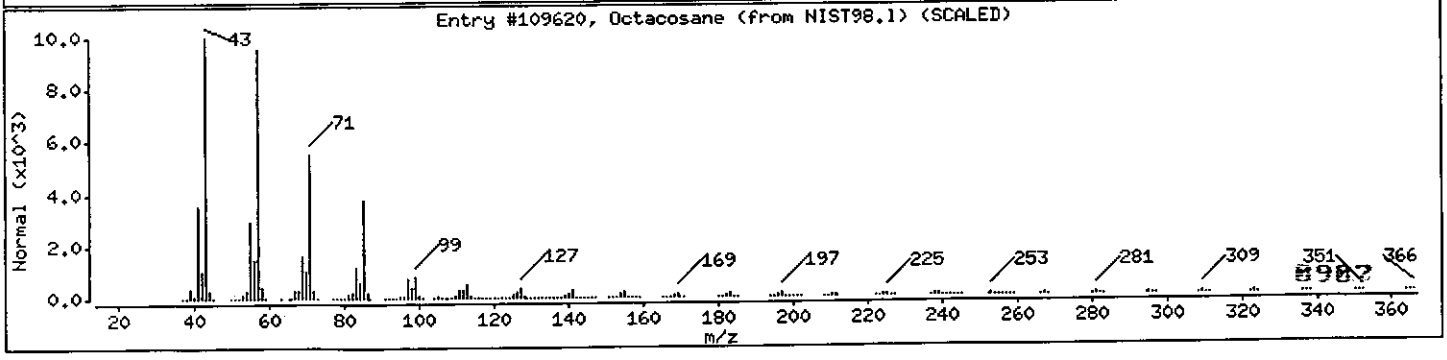
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonadecane	629-92-5	NIST98.1	16515	98	C19H40	268
Heneicosane	629-94-7	NIST98.1	17094	90	C21H44	296
Octacosane	630-02-4	NIST98.1	109620	90	C28H58	394









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

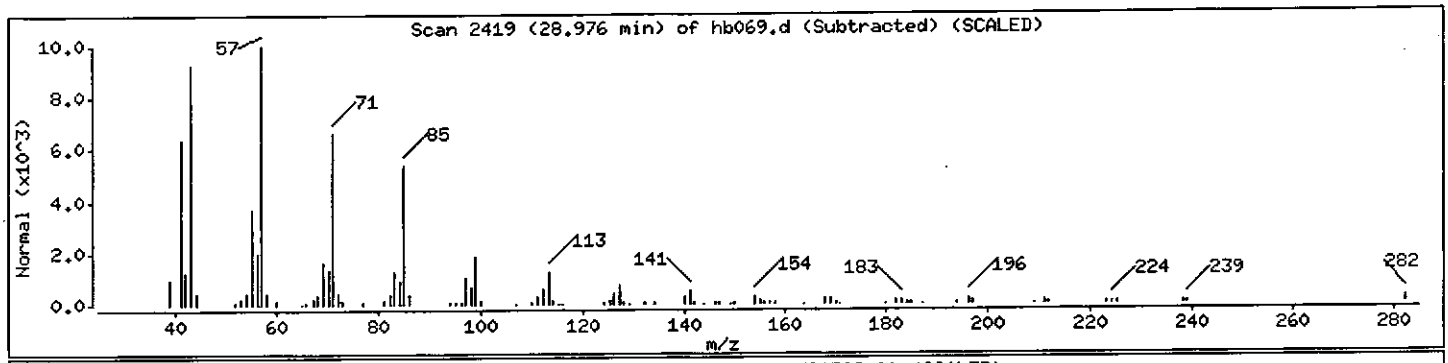
Volume Injected (uL): 2.0

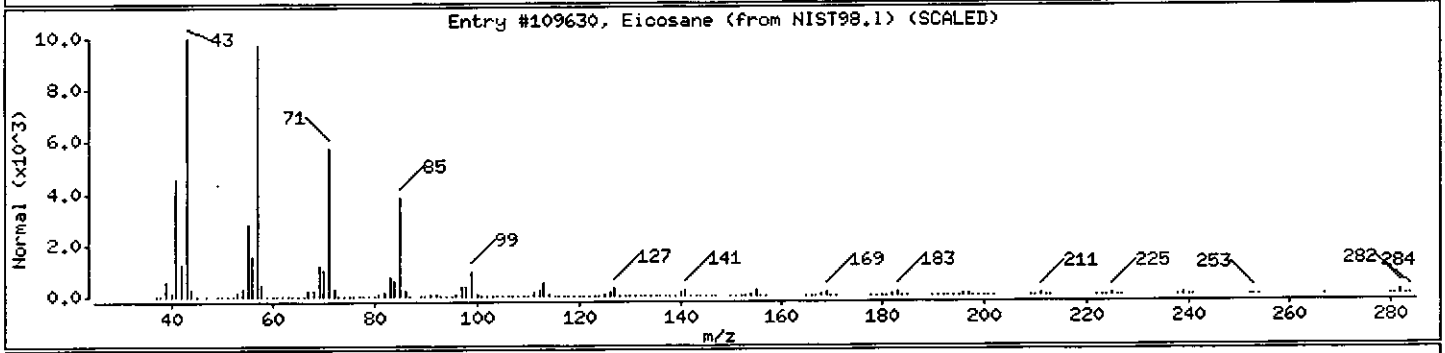
Operator: lmh00956

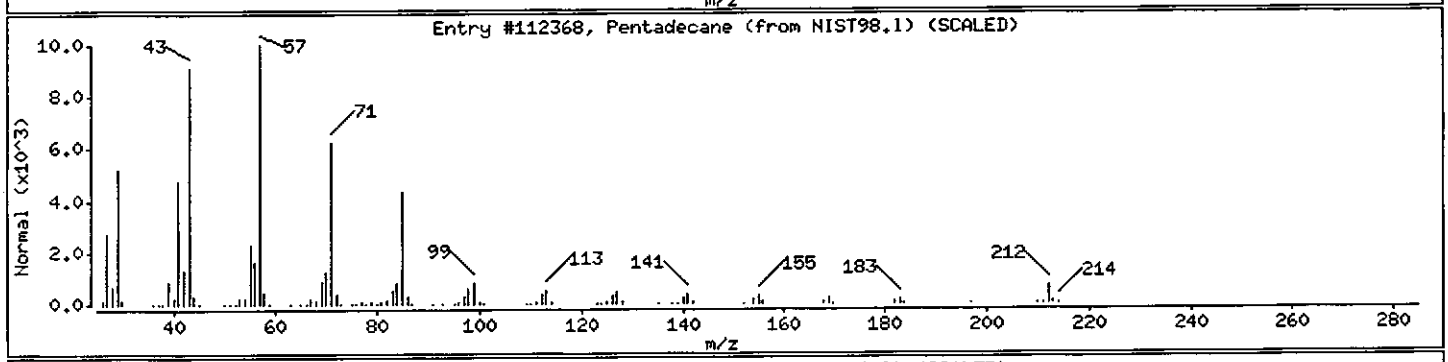
Column phase: J&W DB-5.625

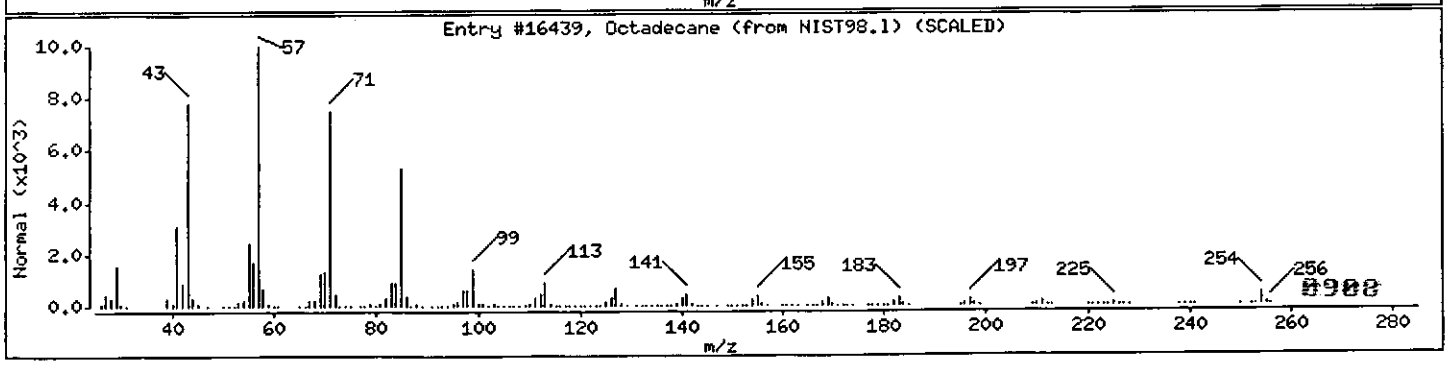
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Eicosane	112-95-8	NIST98.1	109630	96	C20H42	282
Pentadecane	629-62-9	NIST98.1	112368	93	C15H32	212
Octadecane	593-45-3	NIST98.1	16439	91	C18H38	254









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

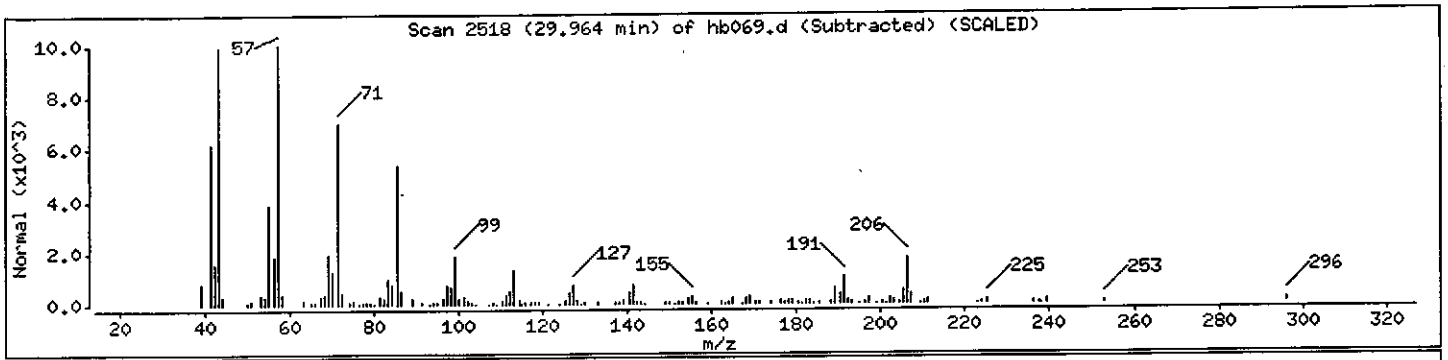
Volume Injected (uL): 2.0

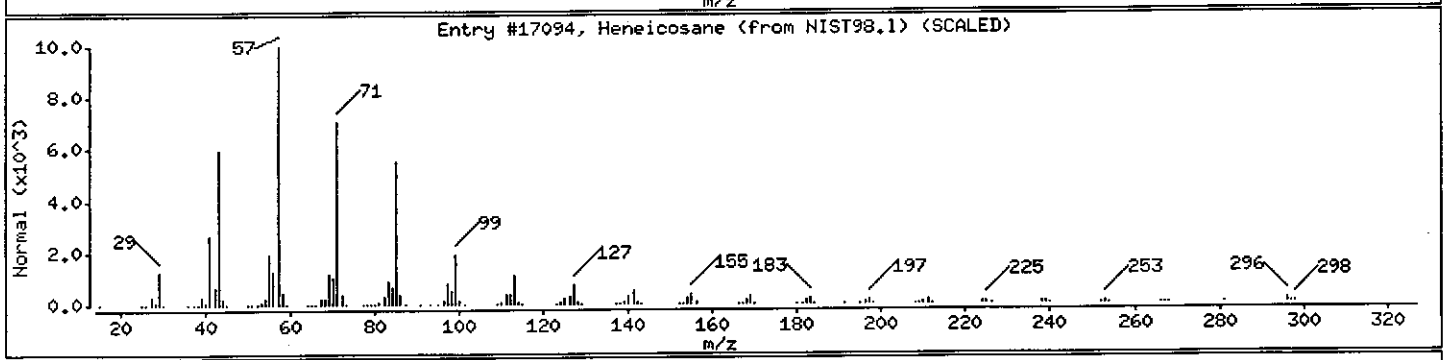
Operator: lmh00956

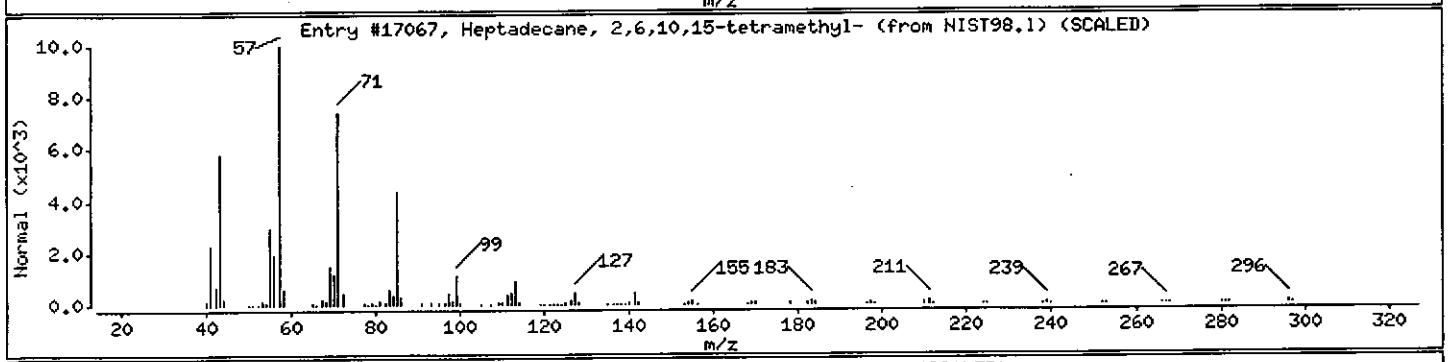
Column phase: J&W DB-5.625

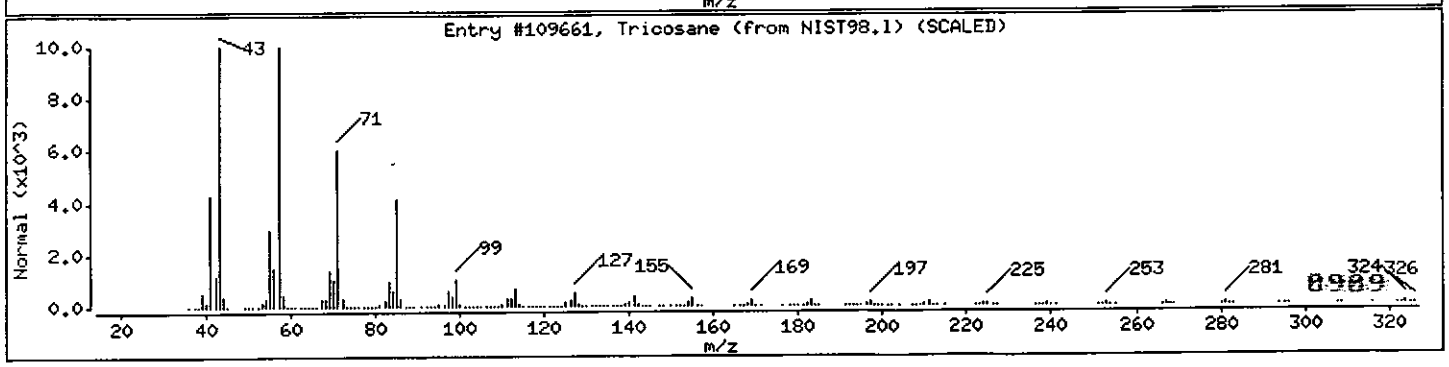
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heneicosane	629-94-7	NIST98.1	17094	98	C21H44	296
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST98.1	17067	96	C21H44	296
Tricosane	638-67-5	NIST98.1	109661	81	C23H48	324









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

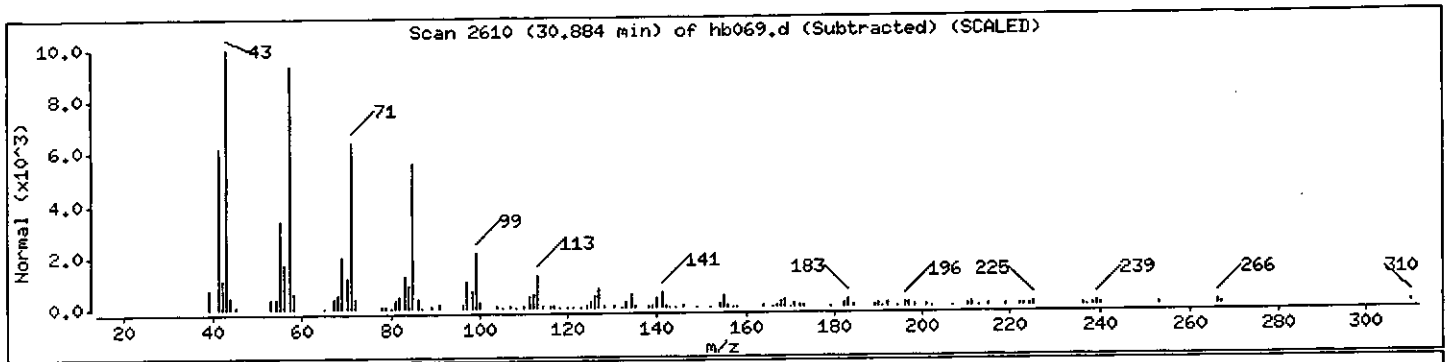
Volume Injected (uL): 2.0

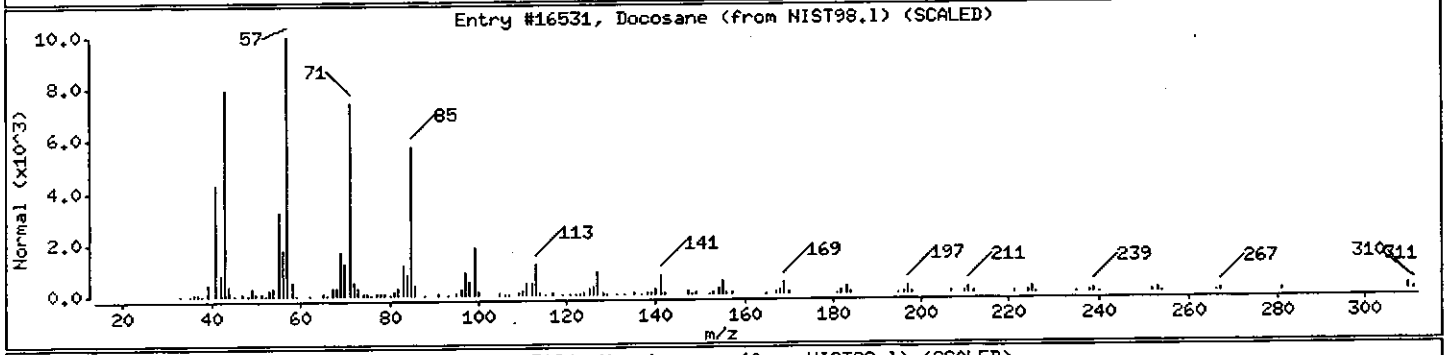
Operator: lmh00956

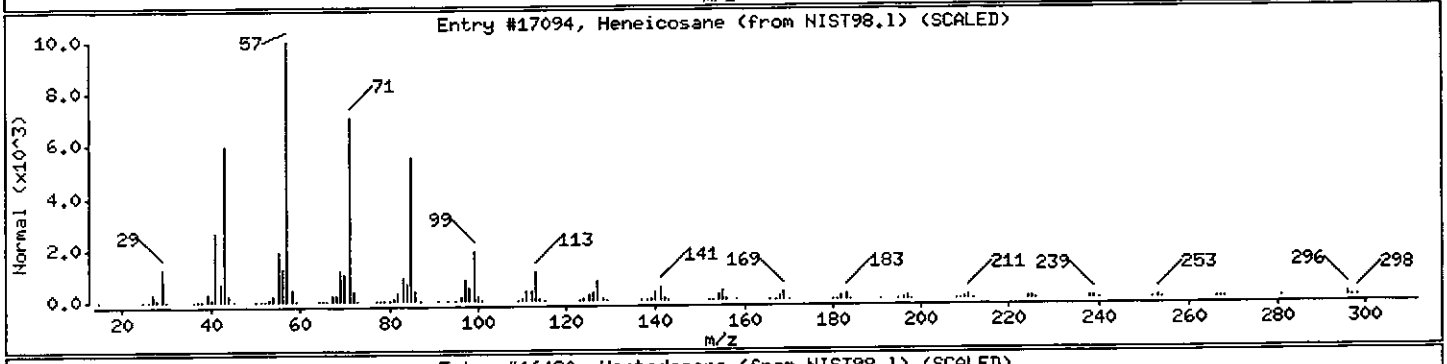
Column phase: J&W DB-5.625

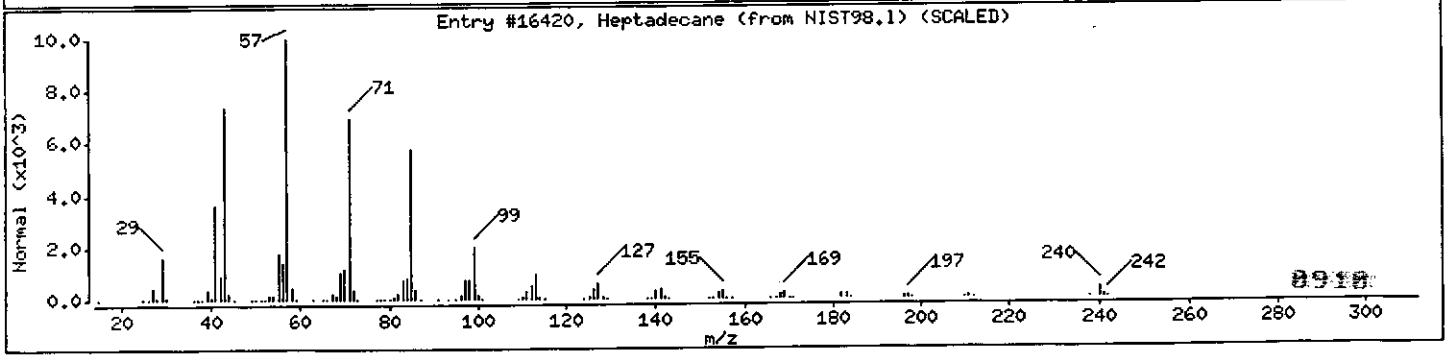
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Docosane	629-97-0	NIST98.1	16531	97	C22H46	310
Heneicosane	629-94-7	NIST98.1	17094	90	C21H44	296
Heptadecane	629-78-7	NIST98.1	16420	90	C17H36	240









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

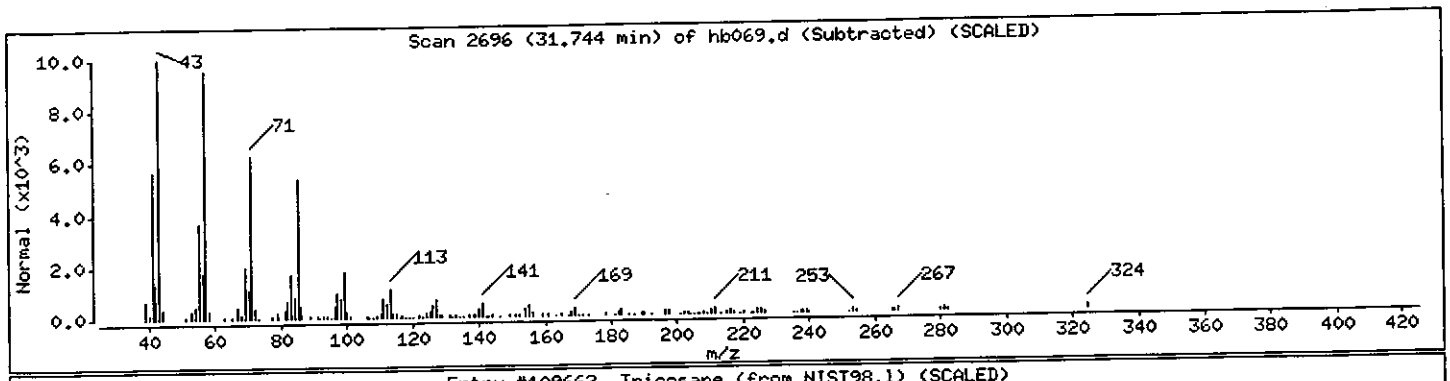
Volume Injected (uL): 2.0

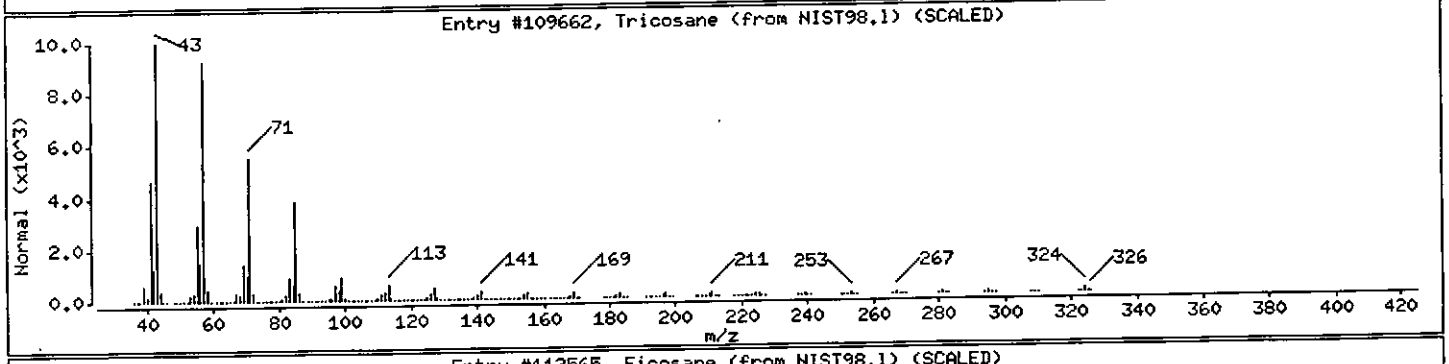
Operator: lmh00956

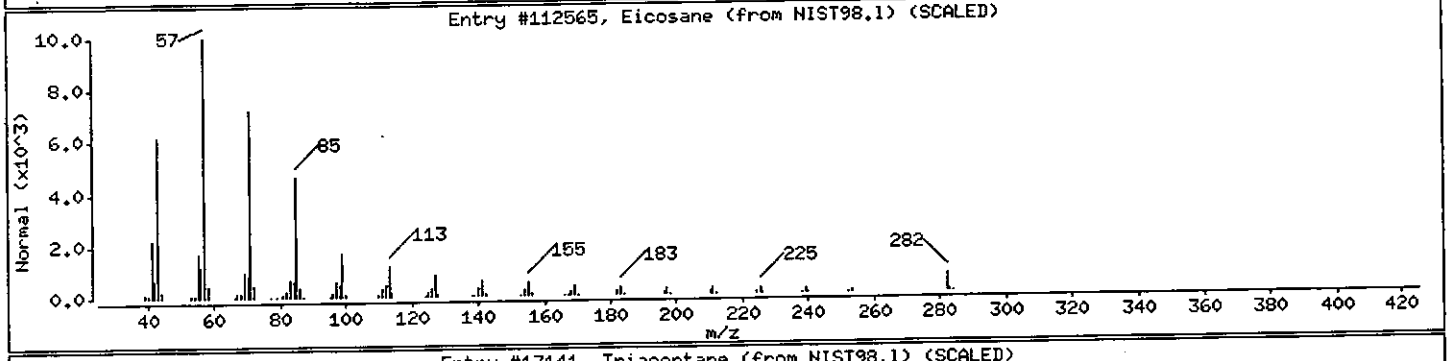
Column phase: J&W DB-5.625

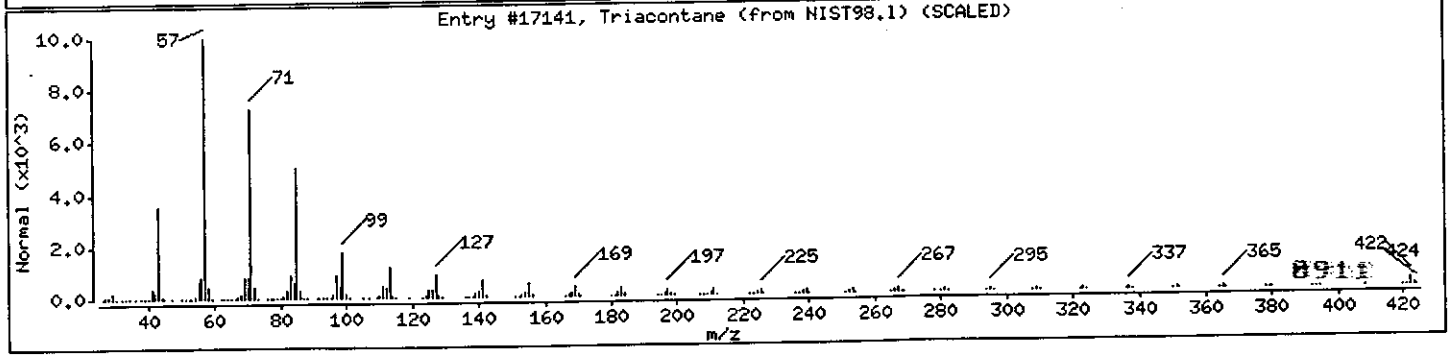
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tricosane	638-67-5	NIST98.1	109662	99	C23H48	324
Eicosane	112-95-8	NIST98.1	112565	96	C20H42	282
Triacontane	638-68-6	NIST98.1	17141	91	C30H62	422









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Sample Info: 6010-;4692572;

Volume Injected (uL): 2.0

Column phase: J&W DB-5.625

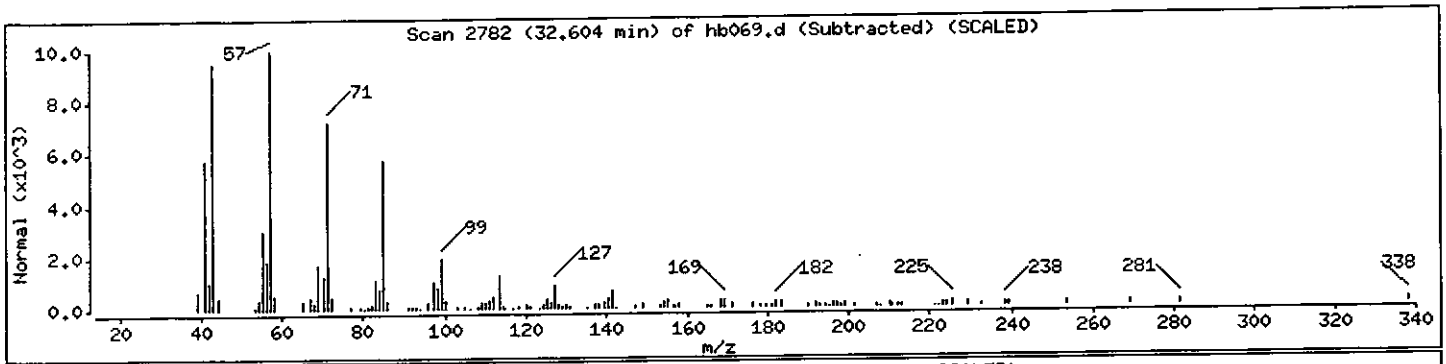
Instrument: HP04629.i

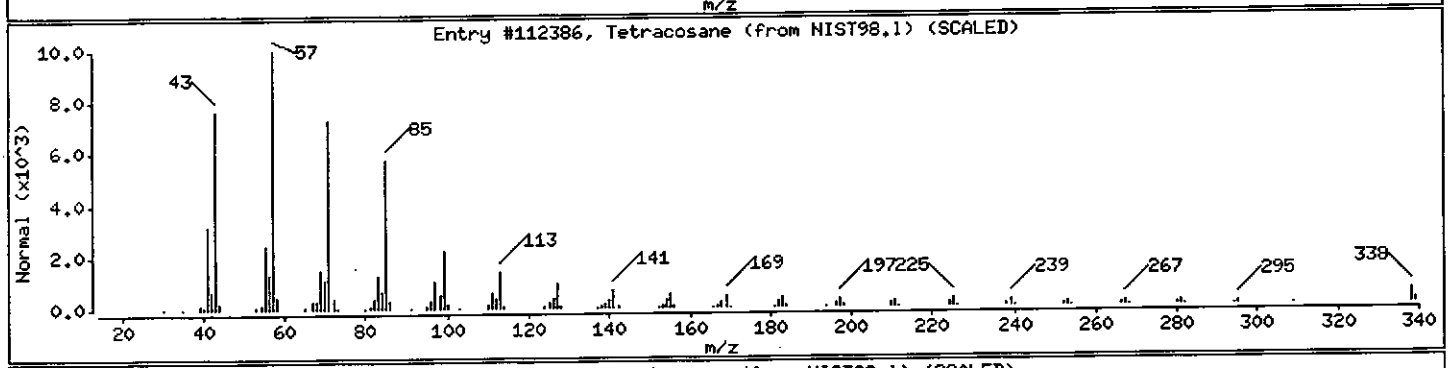
Operator: lmh00956

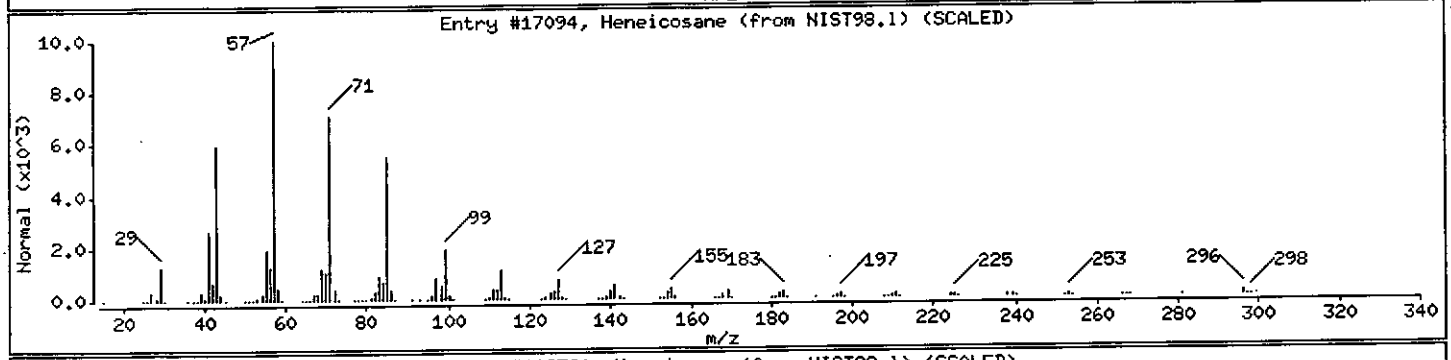
Column diameter: 0.25

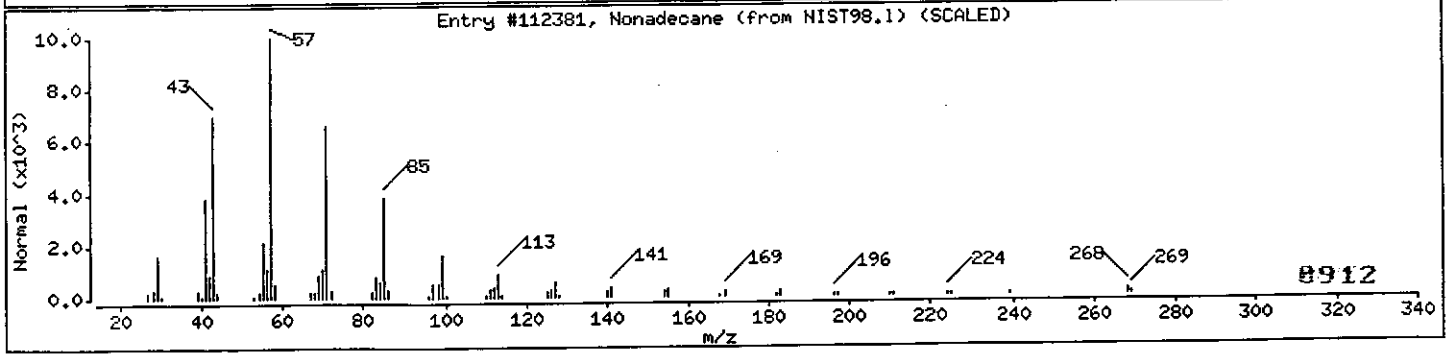
(B) 4mn198 02/07/06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tetracosane	646-31-1	NIST98.1	112386	94	C24H50	338
Heneicosane	629-94-7	NIST98.1	17094	91	C21H44	296
Nonadecane	629-92-5	NIST98.1	112381	91	C19H40	268









8912

Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

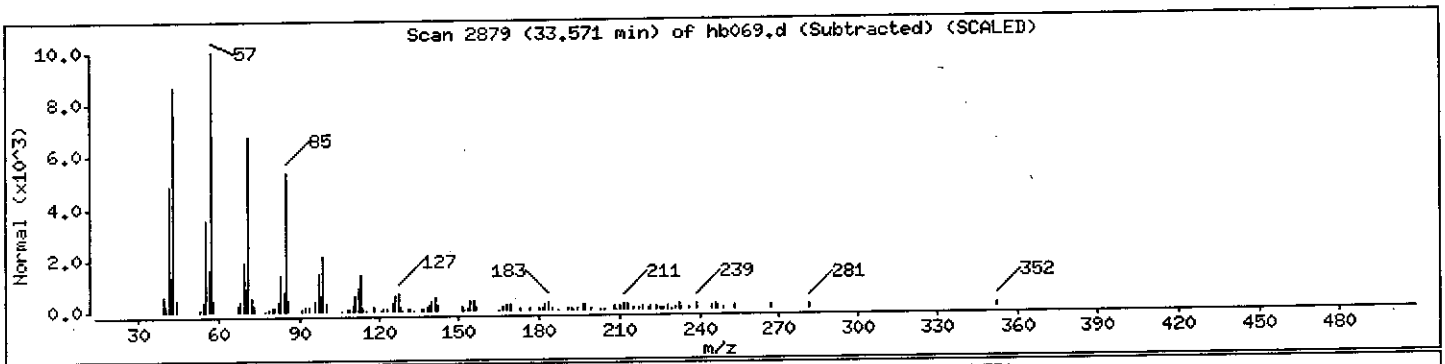
Volume Injected (uL): 2.0

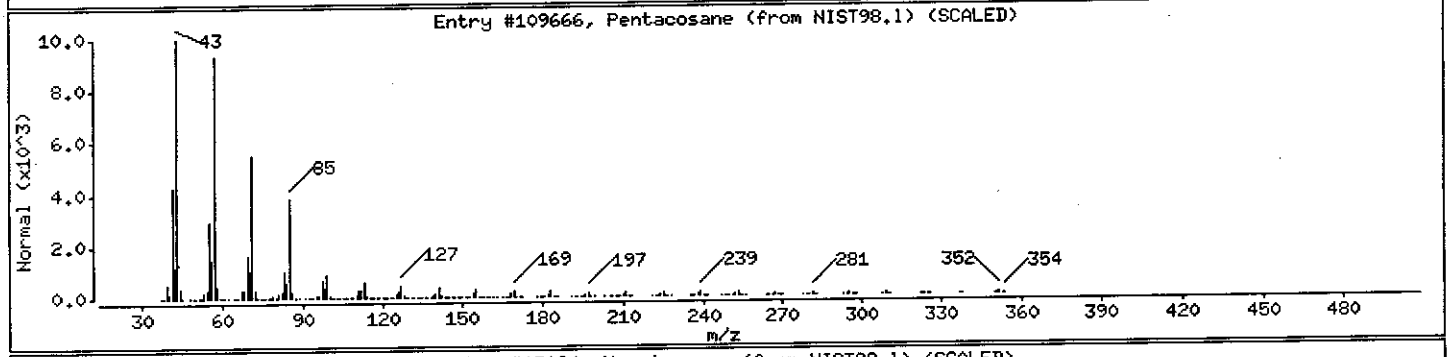
Operator: lmh00956

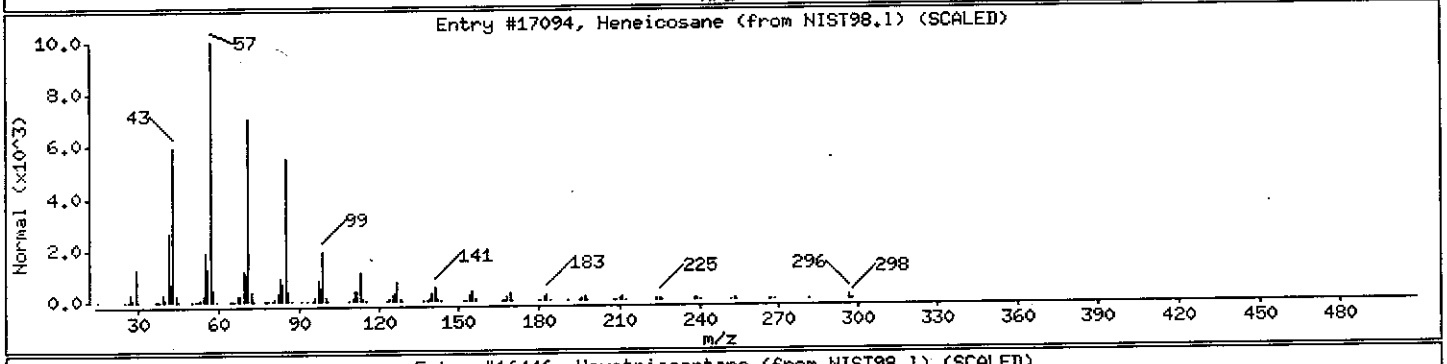
Column phase: J&W DB-5.625

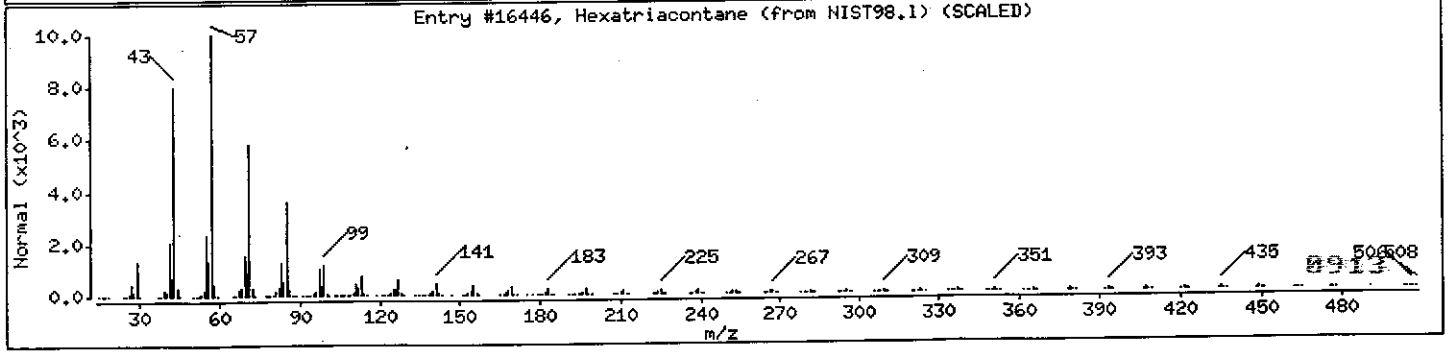
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentacosane	629-99-2	NIST98.1	109666	96	C25H52	352
Heneicosane	629-94-7	NIST98.1	17094	90	C21H44	296
Hexatriacontane	630-06-8	NIST98.1	16446	87	C36H74	507









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

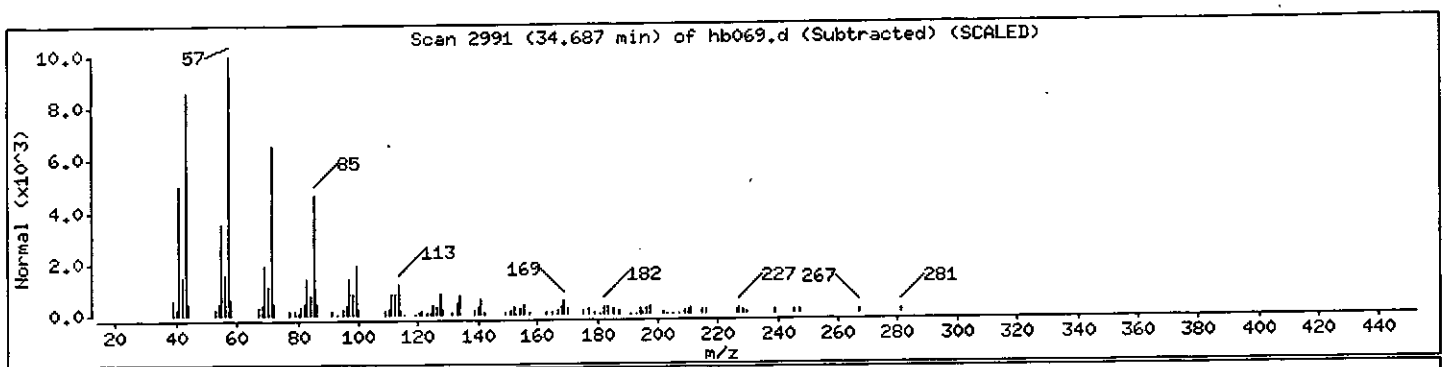
Volume Injected (uL): 2.0

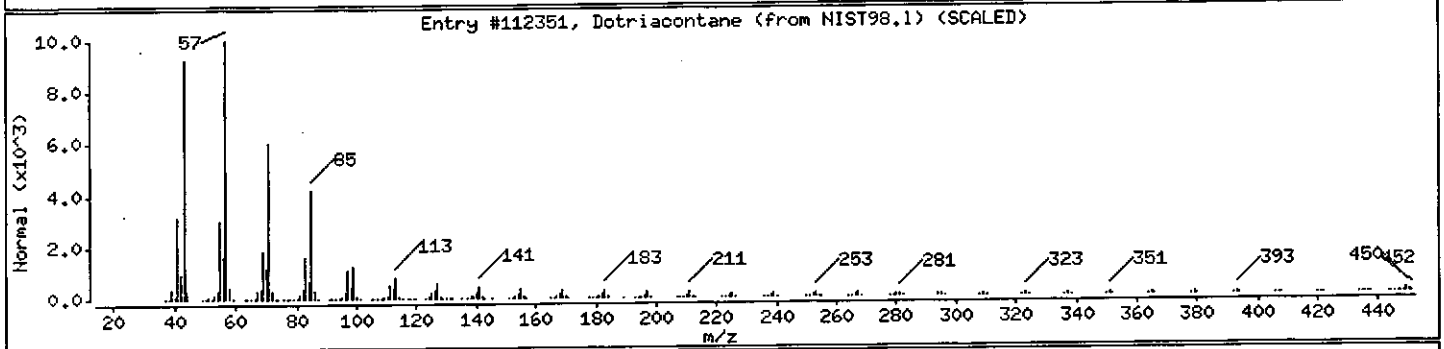
Operator: lmh00956

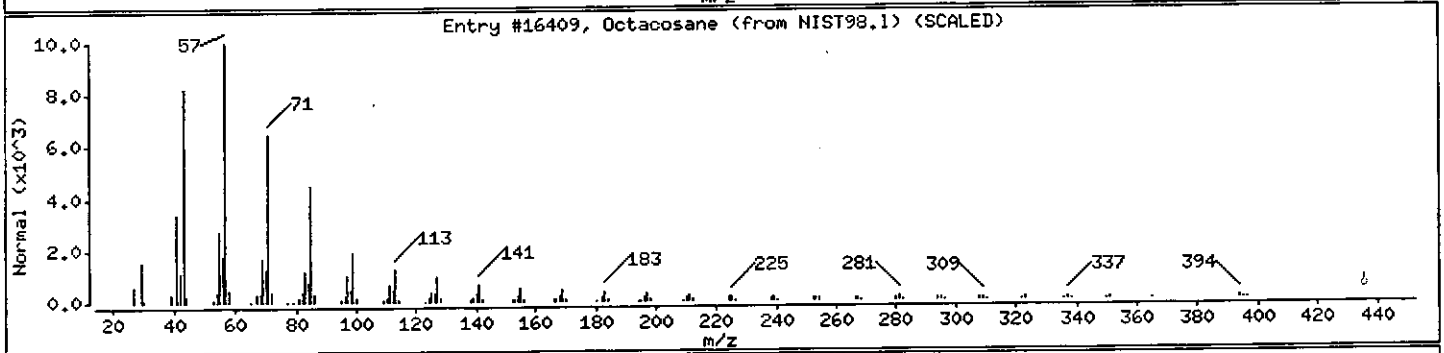
Column phase: J&W DB-5.625

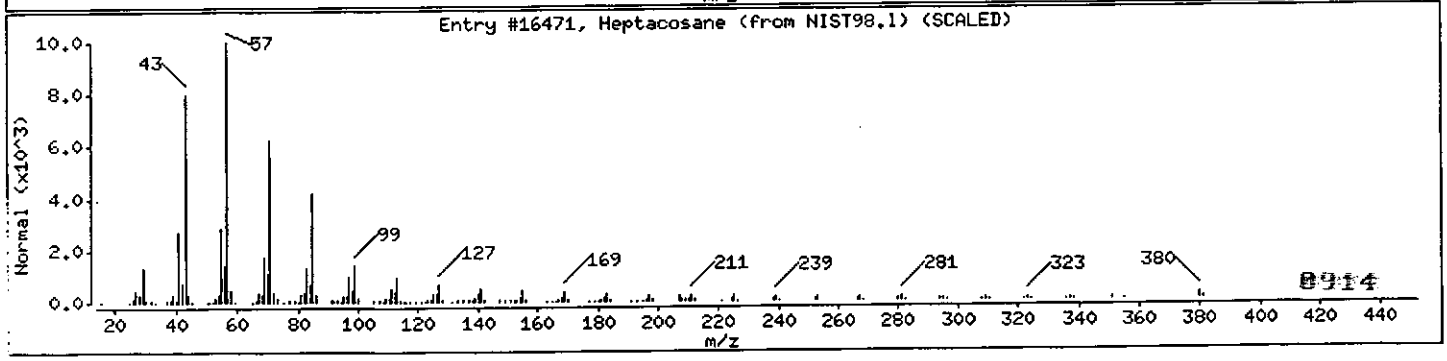
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dotriacontane	544-85-4	NIST98.1	112351	91	C32H66	451
Octacosane	630-02-4	NIST98.1	16409	91	C28H58	394
Heptacosane	593-49-7	NIST98.1	16471	91	C27H56	380









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

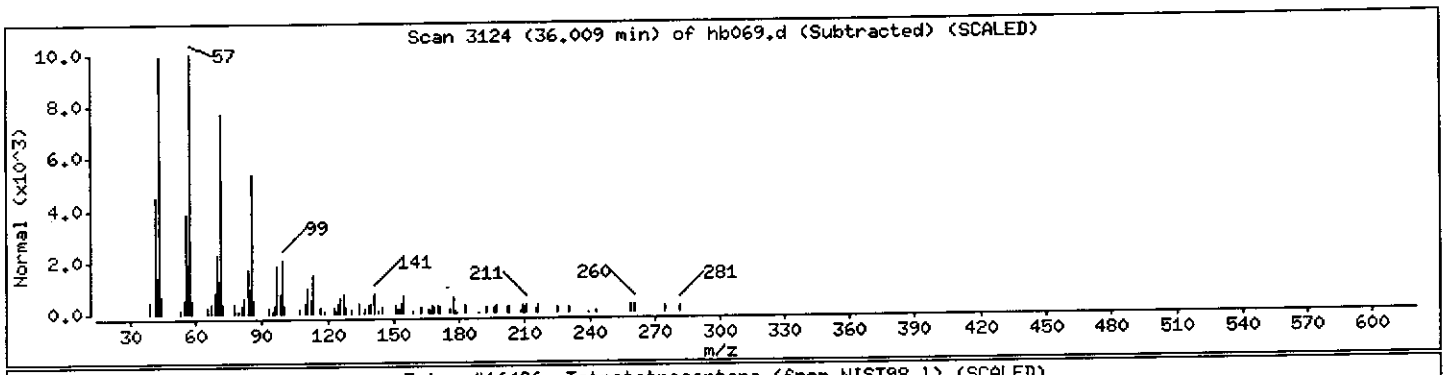
Volume Injected (uL): 2.0

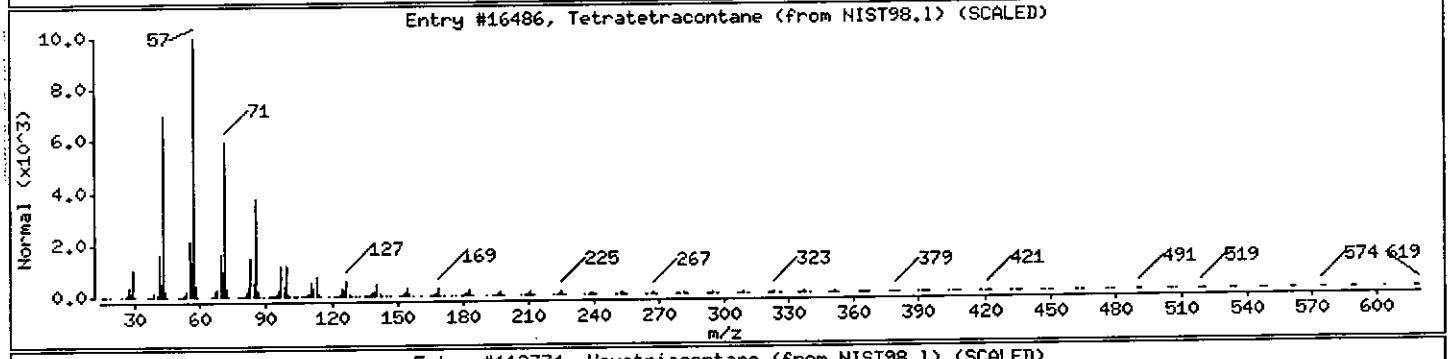
Operator: lmh00956

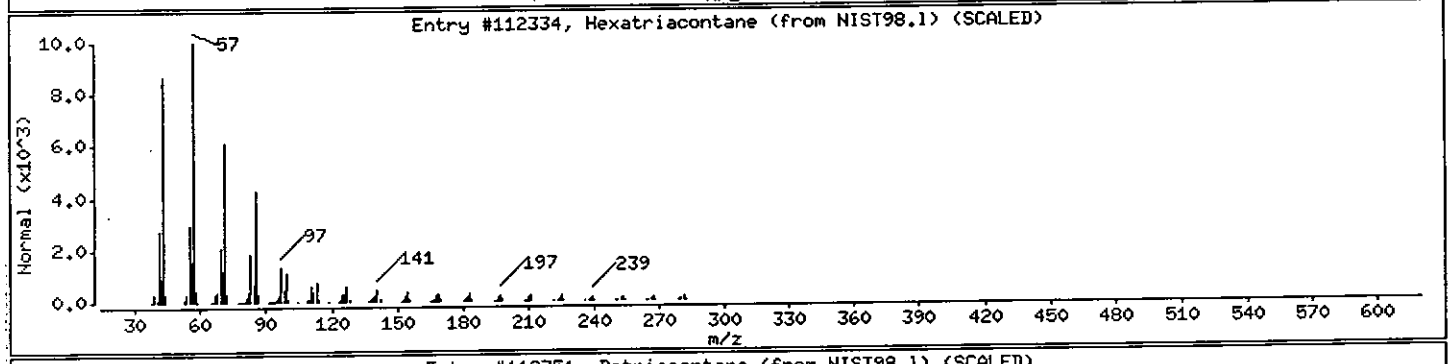
Column phase: J&W DB-5.625

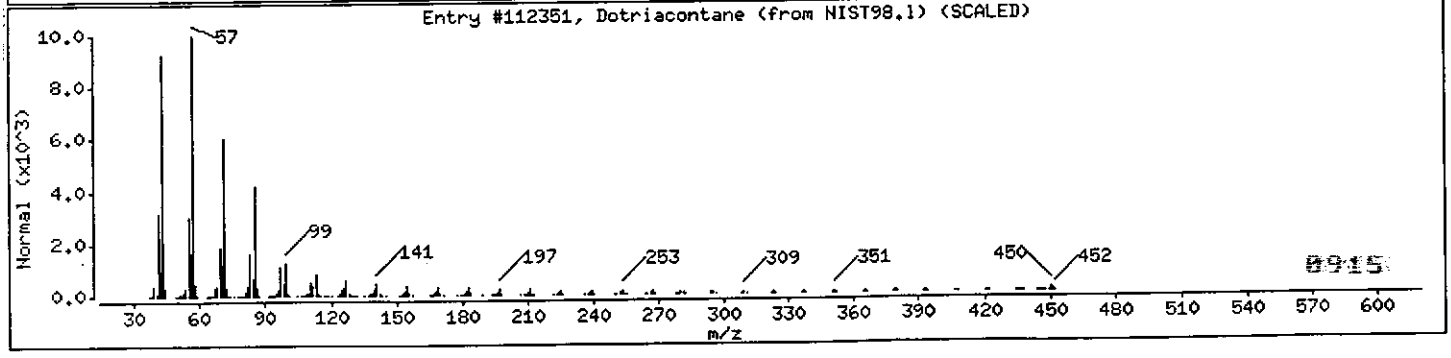
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tetratetracontane	7098-22-8	NIST98.1	16486	91	C44H90	619
Hexatriacontane	630-06-8	NIST98.1	112334	91	C36H74	507
Dotriacontane	544-85-4	NIST98.1	112351	91	C32H66	451









Data File: /chem/HP04629.i/06feb06a.b/hb069.d

Date : 07-FEB-2006 06:18

Client ID: 6010-

Instrument: HP04629.i

Sample Info: 6010-;4692572;

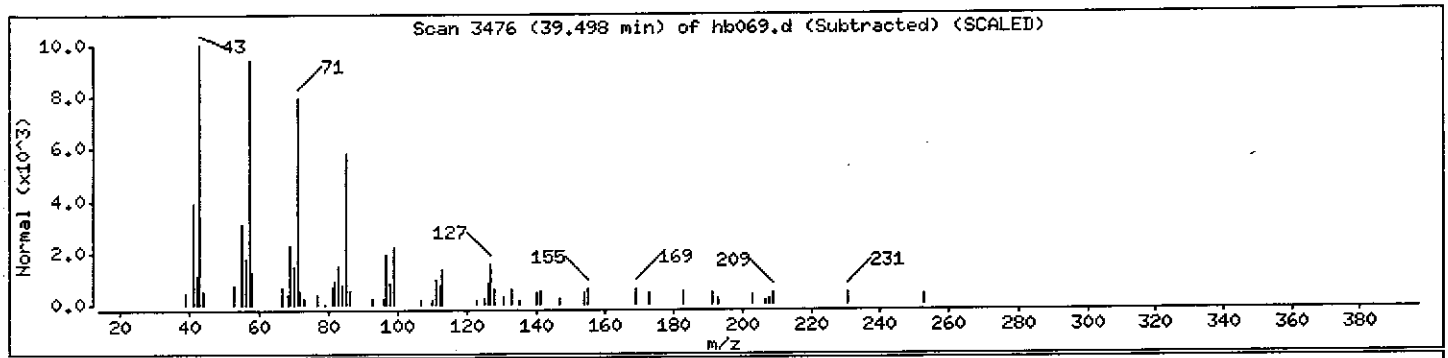
Volume Injected (uL): 2.0

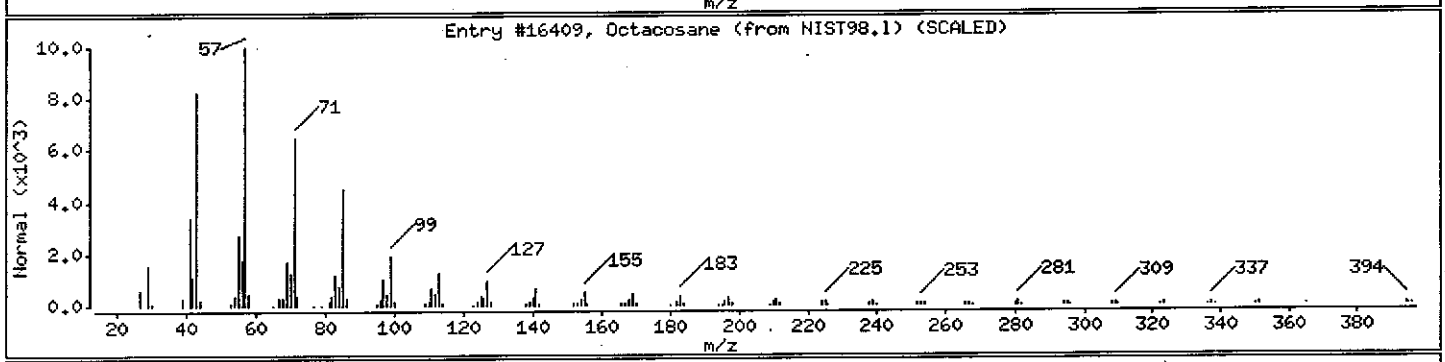
Operator: lmh00956

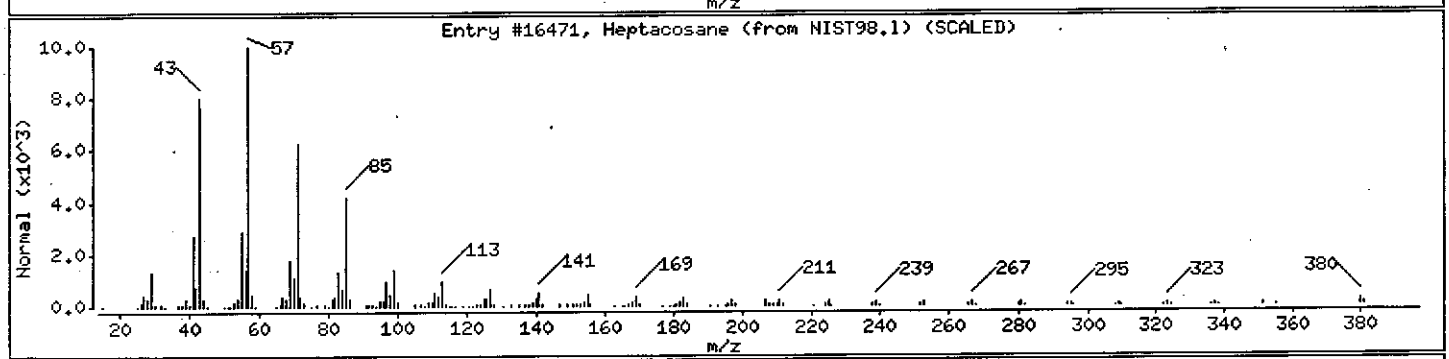
Column phase: J&W DB-5.625

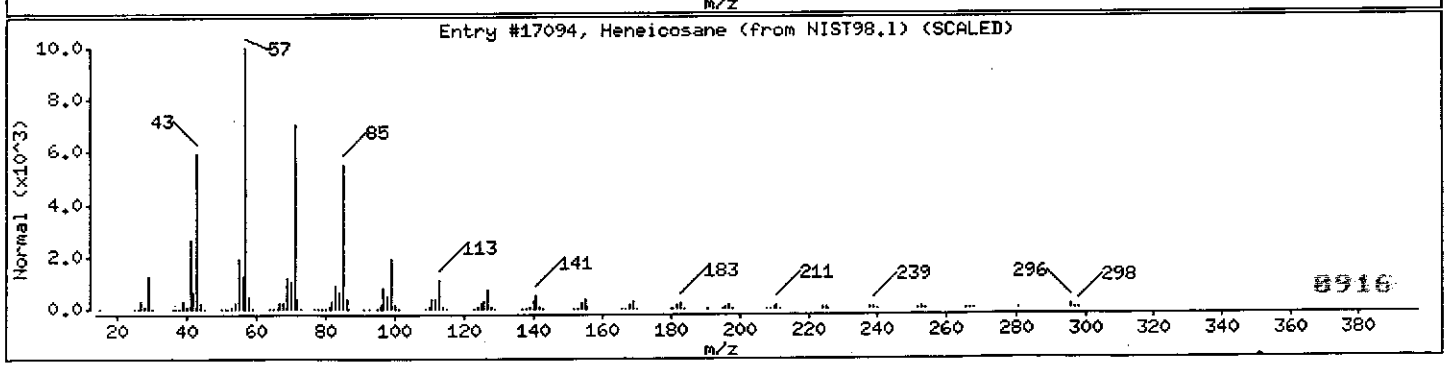
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octacosane	630-02-4	NIST98.1	16409	83	C28H58	394
Heptacosane	593-49-7	NIST98.1	16471	83	C27H56	380
Heneicosane	629-94-7	NIST98.1	17094	83	C21H44	296









8916

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB1J-

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 4693387

Sample wt/vol: 1018 (g/mL) ML Lab File ID: hb080.d

Level: (low/med) LOW Date Received: 01/21/06

% Moisture: not dec: dec: Date Extracted: 01/26/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/08/06

Injection Volume: 2 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Cont

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL UG/L	Q
108-95-2	Phenol	1	U
111-44-4	bis(2-Chloroethyl)ether	1	U
95-57-8	2-Chlorophenol	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
95-48-7	2-Methylphenol	1	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1	U
106-44-5	4-Methylphenol	1	U
621-64-7	N-Nitroso-di-n-propylamine	1	U
67-72-1	Hexachloroethane	1	U
98-95-3	Nitrobenzene	1	U
78-59-1	Isophorone	1	U
88-75-5	2-Nitrophenol	1	U
105-67-9	2,4-Dimethylphenol	1	U
111-91-1	bis(2-Chloroethoxy)methane	1	U
120-83-2	2,4-Dichlorophenol	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
91-20-3	Naphthalene	1	U
106-47-8	4-Chloroaniline	2	U
87-68-3	Hexachlorobutadiene	1	U
59-50-7	4-Chloro-3-methylphenol	1	U
91-57-6	2-Methylnaphthalene	1	U
77-47-4	Hexachlorocyclopentadiene	1	U
88-06-2	2,4,6-Trichlorophenol	1	U
95-95-4	2,4,5-Trichlorophenol	1	U
91-58-7	2-Chloronaphthalene	1	U
88-74-4	2-Nitroaniline	1	U
131-11-3	Dimethylphthalate	1	U
606-20-2	2,6-Dinitrotoluene	1	U

0917

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB1J-

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 4693387

Sample wt/vol: 1018 (g/mL) ML Lab File ID: hb080.d

Level: (low/med) LOW Date Received: 01/21/06

% Moisture: not dec: dec: Date Extracted: 01/26/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/08/06

Injection Volume: 2 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Cont

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL UG/L	Q
208-96-8	Acenaphthylene	1	U
99-09-2	3-Nitroaniline	1	U
83-32-9	Acenaphthene	1	U
51-28-5	2,4-Dinitrophenol	5	U
100-02-7	4-Nitrophenol	1	U
132-64-9	Dibenzofuran	1	U
121-14-2	2,4-Dinitrotoluene	1	U
84-66-2	Diethylphthalate	1	U
7005-72-3	4-Chlorophenyl-phenylether	1	U
86-73-7	Fluorene	1	U
100-01-6	4-Nitroaniline	1	U
534-52-1	4,6-Dinitro-2-methylphenol	1	U
86-30-6	N-Nitrosodiphenylamine	1	U
101-55-3	4-Bromophenyl-phenylether	1	U
118-74-1	Hexachlorobenzene	1	U
87-86-5	Pentachlorophenol	5	U
85-01-8	Phenanthrene	1	U
120-12-7	Anthracene	1	U
86-74-8	Carbazole	1	U
84-74-2	Di-n-butylphthalate	1	U
206-44-0	Fluoranthene	1	U
129-00-0	Pyrene	1	U
85-68-7	Butylbenzylphthalate	1	U
91-94-1	3,3'-Dichlorobenzidine	1	U
56-55-3	Benzo(a)anthracene	1	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	U
218-01-9	Chrysene	1	U
117-84-0	Di-n-octylphthalate	1	U
205-99-2	Benzo(b)fluoranthene	1	U
207-08-9	Benzo(k)fluoranthene	1	U

8918

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB1J-

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 4693387

Sample wt/vol: 1018 (g/mL) ML Lab File ID: hb080.d

Level: (low/med) LOW Date Received: 01/21/06

% Moisture: not dec: dec: Date Extracted: 01/26/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/08/06

Injection Volume: 2 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Cont

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL UG/L	Q
50-32-8--------	Benzo(a)pyrene	1	U
193-39-5-------	Indeno(1,2,3-cd)pyrene	1	U
53-70-3--------	Dibenz(a,h)anthracene	1	U
191-24-2-------	Benzo(g,h,i)perylene	1	U

8919

EB1J-

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

4693387

Data file: /chem/HP04629.i/06feb07.b/hb080.d
Blank Data file reference:/chem/HP04629.i/06feb07.b/hb077.d
Injection date and time: 08-FEB-2006 00:17
Instrument ID: HP04629.i
Batch: 06025WAC
Date, time and analyst ID of latest file update: 08-Feb-2006 01:20 lmh00956

Method used: /chem/HP04629.i/06feb07.b/clp.m
Sublist used: **WCLP**
Calibration date and time (Last Method Edit): 07-FEB-2006 21:38
Mid Level Daily Calibration Standard Reference: /chem/HP04629.i/06feb07.b/hb076.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi)
Matrix: WATER
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 2 ul
Sample Volume (Vo): 1018.0 ml
Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/2ul)	QC Flag
18) 1,4-Dichlorobenzene-d4	13.302(0.011)	840	152.0	95048(13)	40.00	
41) Naphthalene-d8	17.099(-0.003)	1225	136.0	337436(9)	40.00	
64) Acenaphthene-d10	22.532(0.007)	1776	164.0	185778(14)	40.00	
87) Phenanthrene-d10	27.091(0.003)	2238	188.0	300216(9)	40.00	
99) Chrysene-d12	34.218(0.001)	2957	240.0	274852(13)	40.00	
105) Perylene-d12	41.108(-0.003)	3655	264.0	239578(8)	40.00	

= RETENTION TIME OUT OF RANGE
* = INTERNAL STANDARD OUT OF RANGE
NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
4) 2-Fluorophenol	(1)	9.652(-0.001)	112	510607	139.206	93%		21 - 110
10) Phenol-d5	(1)	12.108(-0.001)	99	608725	146.620	98%		10 - 110
14) 2-Chlorophenol-d4	(1)	12.651(-0.001)	132	538330	145.574	97%		33 - 110
21) 1,2-Dichlorobenzene-d4	(1)	13.756(-0.001)	152	199414	82.515	82%		16 - 110
32) Nitrobenzene-d5	(2)	14.900(0.000)	82	341953	95.260	95%		35 - 114
54) 2-Fluorobiphenyl	(3)	20.392(-0.001)	172	583829	88.681	89%		43 - 116
82) 2,4,6-Tribromophenol	(4)	24.999(0.000)	330	192441	180.363	120%		10 - 123
94) Terphenyl-d14	(5)	31.232(0.000)	244	585957	95.358	95%		33 - 141

= RELATIVE RETENTION TIME OUT OF RANGE
* = PERCENT REC.OUT OF RANGE
D = DILUTED OUT
NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/2ul)
11) Phenol	(1)					Below MDL, Do not report				2.00
13) bis(2-Chloroethyl)ether	(1)					Below MDL, Do not report				2.00
15) 2-Chlorophenol	(1)					ND	ND			2.00
17) 1,3-Dichlorobenzene	(1)					ND	ND			2.00
19) 1,4-Dichlorobenzene	(1)					ND	ND			2.00
22) 1,2-Dichlorobenzene	(1)					ND	ND			2.00
23) 2-Methylphenol	(1)					Below MDL, Do not report				2.00
24) 2,2'-oxybis(1-Chloropropane)	(1)					Below MDL, Do not report				2.00
28) N-Nitroso-di-n-propylamine	(1)					ND	ND			2.00
26) 4-Methylphenol	(1)					Below MDL, Do not report				2.00
30) Hexachloroethane	(1)					Below MDL, Do not report				2.00
33) Nitrobenzene	(2)					Below MDL, Do not report				2.00
34) Isophorone	(2)					Below MDL, Do not report				2.00
35) 2-Nitrophenol	(2)					ND	ND			2.00
36) 2,4-Dimethylphenol	(2)					ND	ND			2.00
37) bis(2-Chloroethoxy)methane	(2)					ND	ND			2.00
39) 2,4-Dichlorophenol	(2)					ND	ND			2.00
40) 1,2,4-Trichlorobenzene	(2)					ND	ND			2.00
42) Naphthalene	(2)					ND	ND			2.00
43) 4-Chloroaniline	(2)					ND	ND			4.00

8920

EB1J-

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

4693387

Data file: /chem/HP04629.i/06feb07.b/hb080.d
Blank Data file reference:/chem/HP04629.i/06feb07.b/hb077.d
Injection date and time: 08-FEB-2006 00:17
Instrument ID: HP04629.i
Batch: 06025WAC
Date, time and analyst ID of latest file update: 08-Feb-2006 01:20 lmh00956

Method used: /chem/HP04629.i/06feb07.b/clp.m
Sublist used: **WCLP**
Calibration date and time (Last Method Edit): 07-FEB-2006 21:38
Mid Level Daily Calibration Standard Reference: /chem/HP04629.i/06feb07.b/hb076.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi)
Matrix: WATER
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 2 ul
Sample Volume (Vo): 1018.0 ml
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/2ul)
44) Hexachlorobutadiene	(2)					ND	ND			2.00
47) 4-Chloro-3-methylphenol	(2)					ND	ND			2.00
49) 2-Methylnaphthalene	(2)					ND	ND			2.00
51) Hexachlorocyclopentadiene	(3)					ND	ND			2.00
52) 2,4,6-Trichlorophenol	(3)					ND	ND			2.00
53) 2,4,5-Trichlorophenol	(3)					ND	ND			2.00
57) 2-Chloronaphthalene	(3)					ND	ND			2.00
58) 2-Nitroaniline	(3)					Below MDL, Do not report				2.00
60) Dimethylphthalate	(3)					ND	ND			2.00
61) 2,6-Dinitrotoluene	(3)					ND	ND			2.00
62) Acenaphthylene	(3)					ND	ND			2.00
63) 3-Nitroaniline	(3)					ND	ND			2.00
67) Acenaphthene	(3)					ND	ND			2.00
68) 2,4-Dinitrophenol	(3)					ND	ND			10.00
69) 4-Nitrophenol	(3)					ND	ND			2.00
71) Dibenzofuran	(3)					ND	ND			2.00
72) 2,4-Dinitrotoluene	(3)					ND	ND			2.00
74) Diethylphthalate	(3)					Below MDL, Do not report				2.00
76) Fluorene	(3)					Below MDL, Do not report				2.00
75) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
78) 4-Nitroaniline	(3)					ND	ND			2.00
79) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				2.00
80) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
83) 4-Bromophenyl-phenylether	(4)					ND	ND			2.00
84) Hexachlorobenzene	(4)					ND	ND			2.00
86) Pentachlorophenol	(4)					ND	ND			10.00
88) Phenanthrene	(4)					ND	ND			2.00
89) Anthracene	(4)					ND	ND			2.00
90) Carbazole	(4)					ND	ND			2.00
91) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
92) Fluoranthene	(4)					Below MDL, Do not report				2.00
93) Pyrene	(5)					Below MDL, Do not report				2.00
95) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
96) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
97) Benzo(a)anthracene	(5)					Below MDL, Do not report				2.00
100) Chrysene	(5)					Below MDL, Do not report				2.00
98) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				4.00
101) Di-n-octylphthalate	(6)					Below MDL, Do not report				2.00
102) Benzo(b)fluoranthene	(6)					ND	ND			2.00
103) Benzo(k)fluoranthene	(6)					ND	ND			2.00
104) Benzo(a)pyrene	(6)					ND	ND			2.00

8921

EB1J-

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

4693387

Data file: /chem/HP04629.i/06feb07.b/hb080.d
Blank Data file reference:/chem/HP04629.i/06feb07.b/hb077.d
Injection date and time: 08-FEB-2006 00:17
Instrument ID: HP04629.i
Batch: 06025WAC
Date, time and analyst ID of latest file update: 08-Feb-2006 01:20 lmh00956

Method used: /chem/HP04629.i/06feb07.b/clp.m
Sublist used: **WCLP**
Calibration date and time (Last Method Edit): 07-FEB-2006 21:38
Mid Level Daily Calibration Standard Reference: /chem/HP04629.i/06feb07.b/hb076.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi)
Matrix: WATER
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 2 ul
Sample Volume (Vo): 1018.0 ml
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/2ul)
106) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			2.00
107) Dibenz(a,h)anthracene	(6)					ND	ND			2.00
108) Benzo(g,h,i)perylene	(6)					ND	ND			2.00

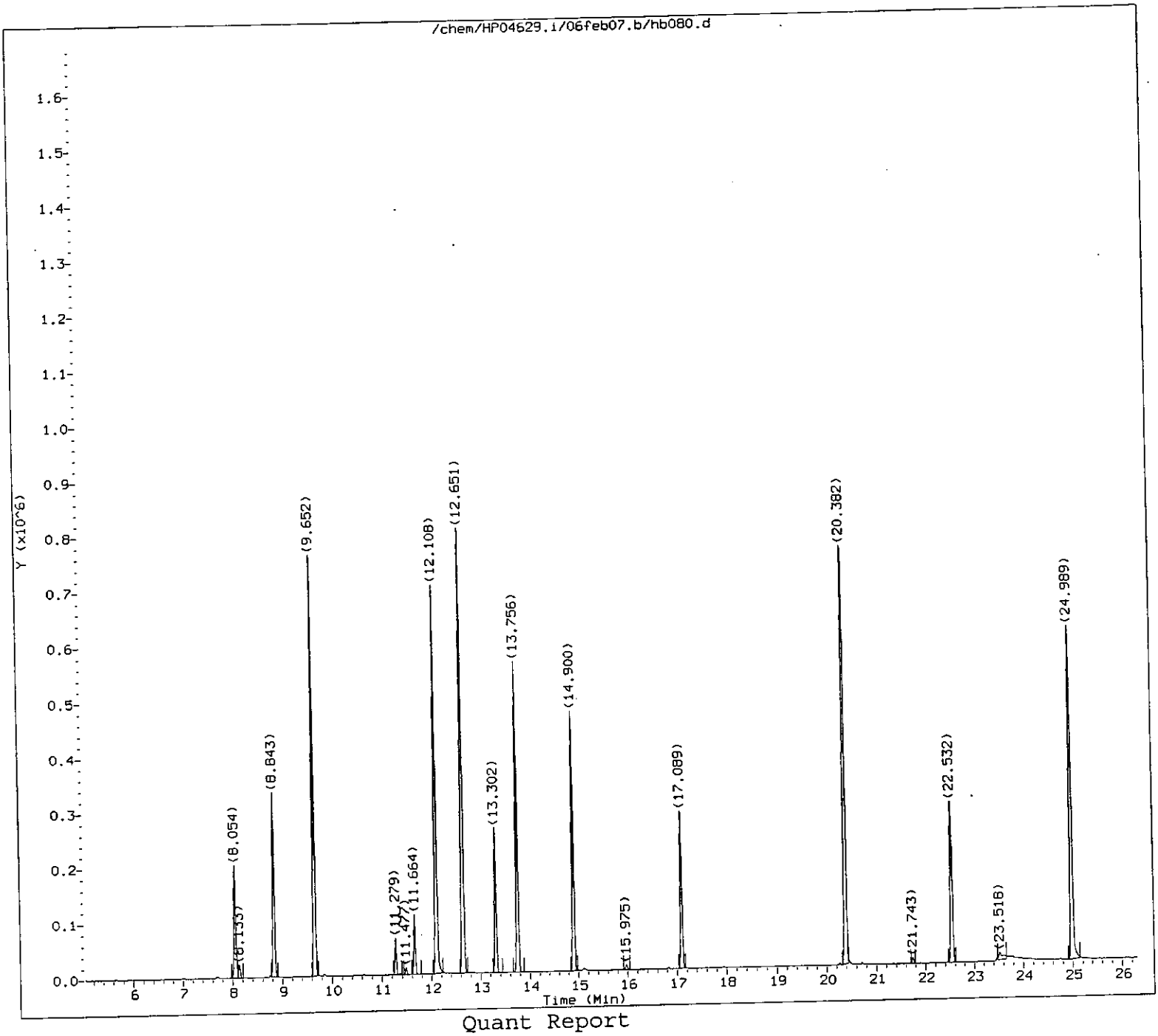
E = CONC. OUT OF CAL. RANGE
# = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: [signature] Date: 02/08/06
Auditor: CMR/912 Date: 2/9/06

0922



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb07.b/hb080.d
Injection date and time: 08-FEB-2006 00:17

Instrument ID: HP04629.i
Analyst ID: lmh00956

Method used: /chem/HP04629.i/06feb07.b/clp.m
Calibration date and time: 07-FEB-2006 21:38

Sublist used: WCLP

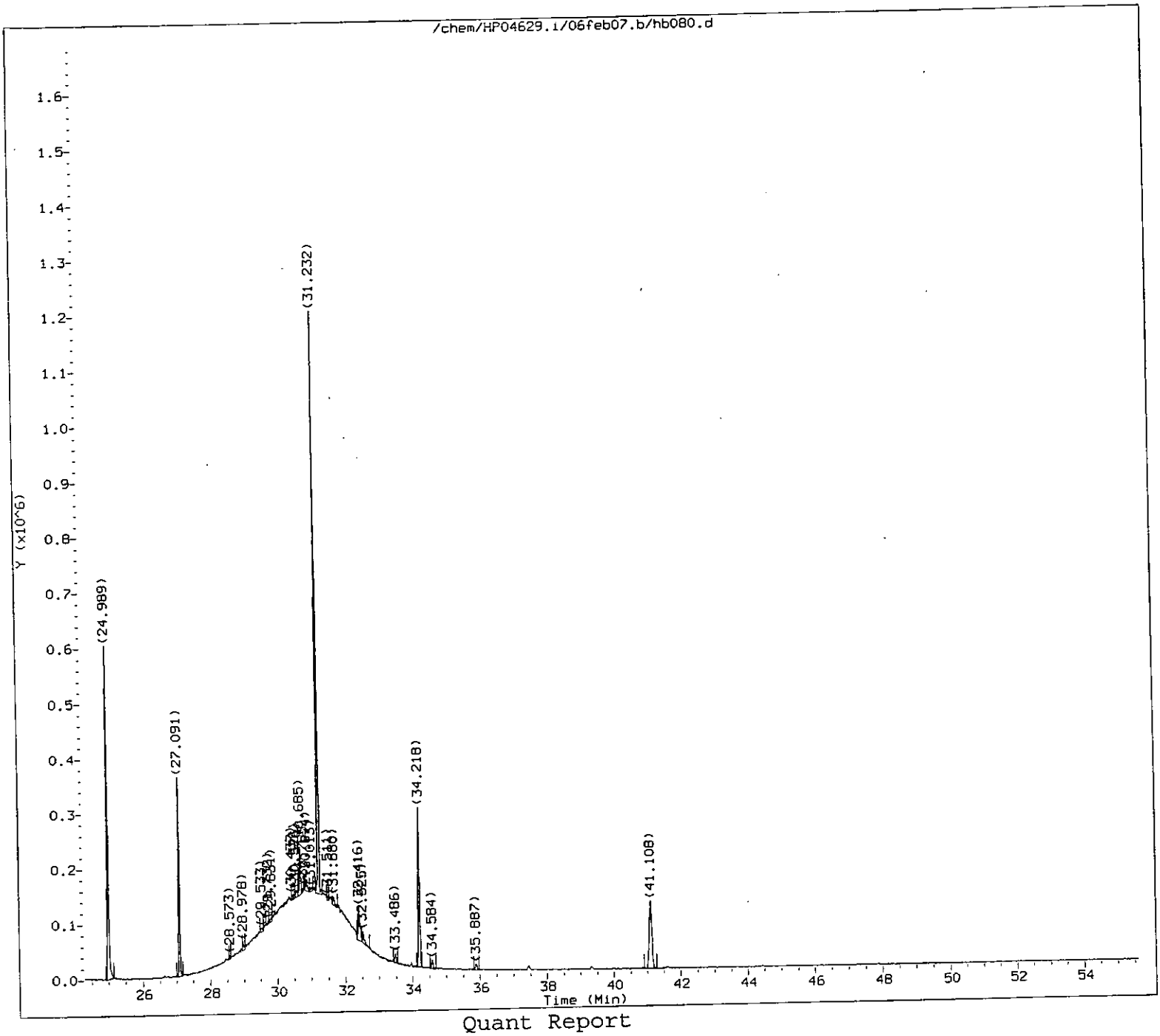
Date, time and analyst ID of latest file update: 08-Feb-2006 01:20 lmh00956

Sample Name: EB1J-

Lab Sample ID: 4693387

8923

lmh190 02/08/06



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb07.b/hb080.d
Injection date and time: 08-FEB-2006 00:17

Instrument ID: HP04629.i
Analyst ID: lmh00956

Method used: /chem/HP04629.i/06feb07.b/clp.m
Calibration date and time: 07-FEB-2006 21:38

Sublist used: WCLP

Date, time and analyst ID of latest file update: 08-Feb-2006 01:20 lmh00956

Sample Name: EB1J-

Lab Sample ID: 4693387

8924

lmh 00 105706

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb07.b/hb080.d Instrument ID: HP04629.i
Injection date and time: 08-FEB-2006 00:17 Analyst ID: lmh00956

Method used: /chem/HP04629.i/06feb07.b/clp.m Sublist used: WCLP
Calibration date and time: 07-FEB-2006 21:38
Date, time and analyst ID of latest file update: 08-Feb-2006 01:20 lmh00956

Sample Name: EB1J- Lab Sample ID: 4693387

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
18) 1,4-Dichlorobenzene-d4	(1)	13.302	152	95048	40.000
41) Naphthalene-d8	(2)	17.099	136	337436	40.000
64) Acenaphthene-d10	(3)	22.532	164	185778	40.000
87) Phenanthrene-d10	(4)	27.091	188	300216	40.000
99) Chrysene-d12	(5)	34.218	240	274852	40.000
105) Perylene-d12	(6)	41.108	264	239578	40.000
4) 2-Fluorophenol	(1)	9.652	112	510607	139.206
10) Phenol-d5	(1)	12.108	99	608725	146.620
14) 2-Chlorophenol-d4	(1)	12.651	132	538330	145.574
21) 1,2-Dichlorobenzene-d4	(1)	13.756	152	199414	82.515
32) Nitrobenzene-d5	(2)	14.900	82	341953	95.260
54) 2-Fluorobiphenyl	(3)	20.392	172	583829	88.681
82) 2,4,6-Tribromophenol	(4)	24.999	330	192441	180.363
94) Terphenyl-d14	(5)	31.232	244	585957	95.358

M = Compound was manually integrated. A = User selected an alternate hit

Standards Data

8926

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP04629 Calibration Date(s): 02/06/06 02/06/06

Calibration Times: 13:13 17:23

LAB FILE ID: RRF1016 = hb051a.d RRF5016 = hb055.d
RRF8016 = hb054.d RRF12016 = hb053.d RRF16016 = hb052.d

COMPOUND	RRF1016	RRF5016	RRF8016	RRF12016	RF16016	$\overline{RRF}$	% RSD
N-Nitrosodimethylamine	0.688	0.716	0.708	0.688	0.690	0.698	2
Pyridine	1.228	1.191	1.180	1.182	1.170	1.190	2
N,N-dimethyl formamide	0.678	0.716	0.713	0.729	0.753	0.718	4
2-methylcyclohexanone	0.424	0.392	0.409	0.402	0.402	0.406	3
3-methylcyclohexanone	0.397	0.393	0.390	0.366	0.361	0.381	4
4-methylcyclohexanone	0.344	0.350	0.343	0.322	0.316	0.335	4
Benzaldehyde	1.920	1.580	1.381	1.203	1.036	1.424	24
1,3,5-Trimethylbenzene	2.761	2.576	2.552	2.588	2.556	2.607	3
Aniline	1.624	1.410	1.396	1.294	1.231	1.391	11
Phenol	* 1.780	1.758	1.707	1.689	1.657	1.718	3*
bis(2-Chloroethyl)ether	* 1.380	1.426	1.421	1.392	1.440	1.412	2*
2-Chlorophenol	* 1.619	1.640	1.628	1.560	1.600	1.609	2*
1,2,4-Trimethylbenzene	2.912	2.600	2.611	2.684	2.684	2.698	5
1,3-Dichlorobenzene	* 1.750	1.693	1.663	1.664	1.635	1.681	3*
1,4-Dichlorobenzene	* 1.725	1.751	1.734	1.682	1.684	1.715	2*
1,2,3-Trimethylbenzene	2.683	2.615	2.586	2.647	2.667	2.640	1
1,2-Dichlorobenzene	* 1.591	1.638	1.665	1.595	1.598	1.617	2*
2-Methylphenol	* 1.300	1.298	1.312	1.266	1.292	1.294	1*
2,2'-oxybis(1-Chloropropane)	1.447	1.441	1.470	1.424	1.444	1.445	1
bis(2-Chloroisopropyl)ether	1.447	1.441	1.470	1.425	1.444	1.445	1
Acetophenone	3.830	3.517	3.480	3.355	3.482	3.533	5
N-Nitroso-di-n-propylamine	* 0.847	0.839	0.867	0.845	0.885	0.857	2*
o-Toluidine	1.971	1.678	1.632	1.532	1.504	1.664	11
4-Methylphenol	* 1.373	1.350	1.357	1.331	1.374	1.357	1*
Hexachloroethane	* 0.774	0.852	0.843	0.828	0.829	0.825	4*
Nitrobenzene	* 0.385	0.397	0.387	0.385	0.382	0.387	2*
Isophorone	* 0.734	0.740	0.737	0.729	0.732	0.734	0*
2-Nitrophenol	* 0.238	0.252	0.260	0.263	0.251	0.253	4*
2,4-Dimethylphenol	* 0.421	0.420	0.427	0.430	0.428	0.425	1*
1-chloro-2-nitro-4(trifluorome	0.149	0.150	0.144	0.159	0.156	0.152	4
bis(2-Chloroethoxy)methane	* 0.444	0.437	0.434	0.443	0.443	0.440	1*
2,4-Dichlorophenol	* 0.312	0.327	0.333	0.340	0.342	0.331	4*
1,2,4-Trichlorobenzene	* 0.391	0.396	0.381	0.396	0.387	0.390	2*
2-Tertbutylphenol	0.413	0.418	0.416	0.432	0.447	0.425	3
Naphthalene	* 1.093	1.072	1.069	1.066	1.040	1.068	2*
4-Chloroaniline	0.491	0.459	0.409	0.372	0.306	0.408	18
Hexachlorobutadiene	0.230	0.231	0.233	0.241	0.231	0.233	2
Caprolactam	0.227	0.219	0.216	0.219	0.220	0.220	2
4-Chloro-3-methylphenol	* 0.262	0.282	0.276	0.288	0.290	0.280	4*
2-Methylnaphthalene	* 0.708	0.686	0.671	0.685	0.683	0.686	2*
Phthalic anhydride	0.364	0.236	0.172	0.145	0.152	0.214	43
Hexachlorocyclopentadiene	0.356	0.448	0.455	0.462	0.443	0.433	10
2,4,6-Trichlorophenol	* 0.454	0.490	0.483	0.475	0.476	0.476	3*
2,4,5-Trichlorophenol	*	0.536	0.543	0.534	0.507	0.530	3*
1,1'-Biphenyl	2.748	2.716	2.545	2.553	2.493	2.611	4
Diphenyl	2.748	2.711	2.545	2.527	2.499	2.606	4
2-Chloronaphthalene	* 1.260	1.305	1.280	1.267	1.219	1.266	2*
4-Tertbutylphenol	0.541	0.558	0.576	0.592	0.625	0.578	6
2-Nitroaniline		0.375	0.370	0.365	0.367	0.369	1
Dimethylphthalate	1.582	1.599	1.593	1.523	1.524	1.564	2
2,6-Dinitrotoluene	* 0.344	0.402	0.404	0.408	0.407	0.393	7*
Acenaphthylene	* 1.907	1.965	1.915	1.886	1.833	1.901	2*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

8927

mn195
02/06/06

6C
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP04629 Calibration Date(s): 02/06/06 02/06/06

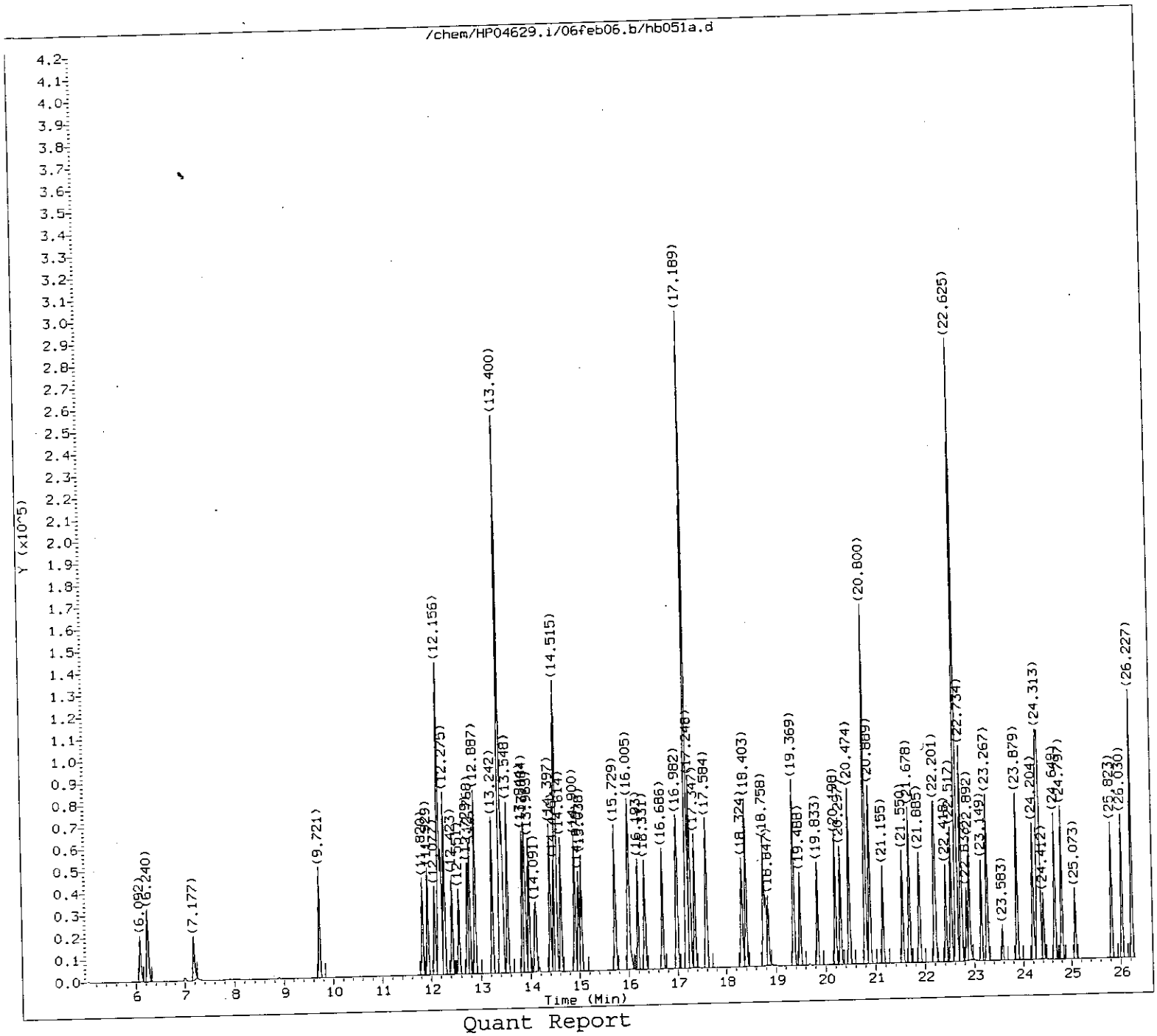
Calibration Times: 13:13 17:23

LAB FILE ID: RRF1016 = hb051a.d RRF5016 = hb055.d
RRF8016 = hb054.d RRF12016 = hb053.d RRF16016 = hb052.d

COMPOUND	RRF1016	RRF5016	RRF8016	RRF12016	RF16016	$\overline{RRF}$	% RSD
3-Nitroaniline		0.398	0.368	0.344	0.328	0.359	8
Acenaphthene	* 1.163	1.176	1.159	1.118	1.100	1.143	3*
2,4-Dinitrophenol		0.275	0.318	0.306	0.320	0.305	7
4-Nitrophenol		0.310	0.316	0.310	0.315	0.313	1
Dibenzofuran	* 1.692	1.767	1.734	1.706	1.663	1.713	2*
2,4-Dinitrotoluene	* 0.491	0.554	0.547	0.534	0.535	0.532	5*
2,6-Dinitrophenol		0.121	0.127	0.138	0.139	0.131	7
2,6-Ditertbutylphenol	0.798	0.712	0.725	0.745	0.706	0.737	5
Diethylphthalate	1.563	1.642	1.588	1.540	1.575	1.582	2
Fluorene	* 1.263	1.306	1.286	1.234	1.229	1.264	3*
4-Chlorophenyl-phenylether	* 0.654	0.701	0.703	0.665	0.683	0.681	3*
4(tert-Octyl)phenol	1.185	1.323	1.307	1.390	1.394	1.320	6
4-Nitroaniline		0.388	0.378	0.346	0.363	0.369	5
4,6-Dinitro-2-methylphenol		0.243	0.232	0.249	0.253	0.244	4
N-Nitrosodiphenylamine (1)	0.585	0.608	0.582	0.614	0.586	0.595	2
2,4-Ditertbutylphenol	1.206	1.387	1.405	1.375	1.353	1.345	6
1,2-Diphenylhydrazine	0.887	0.881	0.826	0.868	0.848	0.862	3
3,5-Ditertbutylphenol	0.865	1.031	1.058	1.015	1.047	1.003	8
4-Bromophenyl-phenylether	* 0.238	0.239	0.230	0.247	0.248	0.241	3*
Hexachlorobenzene	* 0.301	0.310	0.285	0.304	0.296	0.299	3*
Atrazine	0.455	0.455	0.411	0.427	0.428	0.435	4
Pentachlorophenol	*	0.198	0.192	0.200	0.204	0.199	2*
Phenanthrene	* 1.228	1.213	1.158	1.210	1.181	1.198	2*
Anthracene	* 1.281	1.272	1.180	1.205	1.222	1.232	4*
Carbazole	1.130	1.124	1.077	1.091	1.106	1.106	2
Di-n-butylphthalate	1.663	1.725	1.616	1.655	1.669	1.666	2
Fluoranthene	* 1.159	1.212	1.138	1.159	1.171	1.168	2*
Pyrene	* 1.729	1.709	1.693	1.699	1.652	1.696	2*
Butylbenzylphthalate	0.948	0.959	0.984	0.950	0.952	0.959	2
3,3'-Dichlorobenzidine	0.433	0.352	0.270	0.248	0.191	0.299	32
Benzo(a)anthracene	* 1.355	1.326	1.330	1.349	1.311	1.334	1*
Chrysene	* 1.216	1.262	1.237	1.249	1.205	1.234	2*
bis(2-Ethylhexyl)phthalate	1.207	1.337	1.315	1.309	1.290	1.292	4
Di-n-octylphthalate	2.246	2.695	2.694	2.674	2.728	2.607	8
Benzo(b)fluoranthene	* 1.302	1.403	1.391	1.412	1.389	1.380	3*
Benzo(k)fluoranthene	* 1.344	1.403	1.408	1.436	1.404	1.399	2*
Benzo(a)pyrene	* 1.199	1.298	1.278	1.328	1.302	1.281	4*
Indeno(1,2,3-cd)pyrene	* 0.998	1.156	1.146	1.094	1.105	1.100	6*
Dibenz(a,h)anthracene	* 1.039	1.137	1.129	1.081	1.092	1.096	4*
Benzo(g,h,i)perylene	* 1.038	1.172	1.140	1.086	1.098	1.107	5*
2-Fluorophenol	* 1.434	1.499	1.463	1.423	1.452	1.454	2*
Phenol-d5	* 1.666	1.657	1.652	1.620	1.612	1.641	1*
2-Chlorophenol-d4	* 1.496	1.541	1.556	1.480	1.511	1.517	2*
1,2-Dichlorobenzene-d4	* 0.960	1.000	1.000	0.969	0.959	0.978	2*
Nitrobenzene-d5	* 0.385	0.399	0.402	0.412	0.406	0.401	2*
2-Fluorobiphenyl	* 1.379	1.412	1.408	1.396	1.351	1.389	2*
2,4,6-Tribromophenol	0.156	0.167	0.155	0.166	0.162	0.161	4
Terphenyl-d14	* 0.982	0.980	0.975	0.981	0.954	0.975	1*

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

0928



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb051a.d
Injection date and time: 06-FEB-2006 13:13

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m

Sublist used: all

Calibration date and time: 06-FEB-2006 19:19
Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD01016

Lab Sample ID: CLP0346

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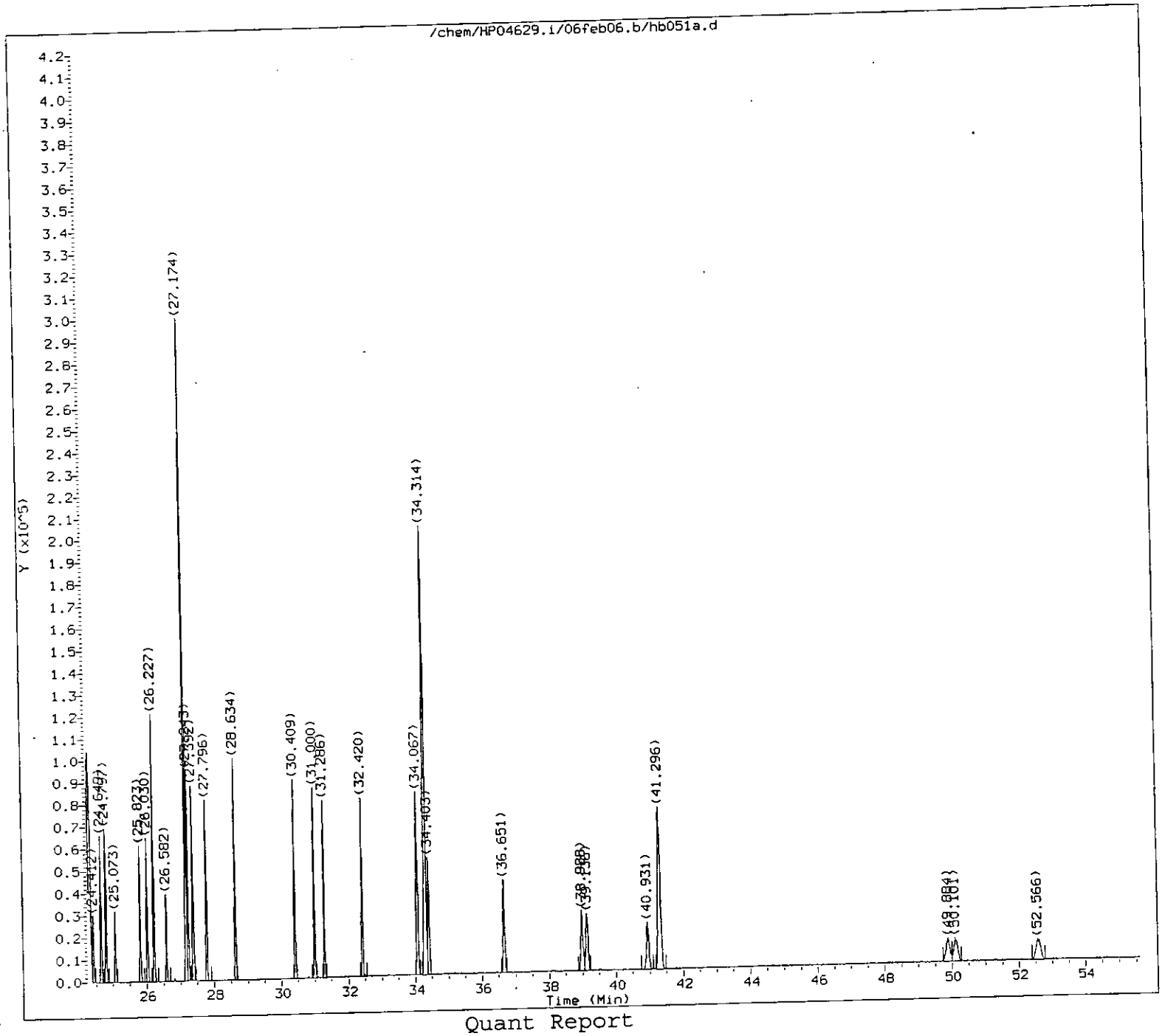

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb051a.d
Injection date and time: 06-FEB-2006 13:13

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD01016

Lab Sample ID: CLP0346

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Lmh198 06/06/06

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb051a.d
Injection date and time: 06-FEB-2006 13:13

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD01016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) N-Nitrosodimethylamine	(1)	6.092	74	15577	9.854
2) Pyridine	(1)	6.240	79	27809	10.320
3) N,N-dimethyl formamide	(1)	7.177	73	15350	9.445
5) 2-methylcyclohexanone	(1)	11.820	112	9611	10.457
6) 3-methylcyclohexanone	(1)	11.929	112	8990	10.410
7) 4-methylcyclohexanone	(1)	12.077	112	7793	10.270
8) Benzaldehyde	(1)	12.156	77	43486	13.485
9) 1,3,5-Trimethylbenzene	(1)	12.275	105	62525	10.593
12) Aniline	(1)	12.423	93	36784	11.676
11) Phenol	(1)	12.216	94	40295	10.356
13) bis(2-Chloroethyl)ether	(1)	12.561	93	31255	9.777
15) 2-Chlorophenol	(1)	12.768	128	36656	10.059
16) 1,2,4-Trimethylbenzene	(1)	12.887	105	65927	10.790
17) 1,3-Dichlorobenzene	(1)	13.242	146	39629	10.412
18) 1,4-Dichlorobenzene-d4	(1)	13.400	152	90573	40.000
19) 1,4-Dichlorobenzene	(1)	13.440	146	39052	10.055
20) 1,2,3-Trimethylbenzene	(1)	13.548	105	60755	10.165
22) 1,2-Dichlorobenzene	(1)	13.894	146	36034	9.839
23) 2-Methylphenol	(1)	13.963	108	29434	10.048
24) 2,2'-oxybis(1-Chloropropane)	(1)	14.091	45	32771	10.013
25) bis(2-Chloroisopropyl)ether	(1)	14.091	45	32771	10.012
27) Acetophenone	(1)	14.515	105	86737	10.842
28) N-Nitroso-di-n-propylamine	(1)	14.476	70	19179	9.888
29) o-Toluidine	(1)	14.614	106	44622	11.846
26) 4-Methylphenol	(1)	14.397	108	31095	10.120
30) Hexachloroethane	(1)	14.900	117	17535	9.386
33) Nitrobenzene	(2)	15.038	77	31330	9.943
34) Isophorone	(2)	15.729	82	59719	10.000
35) 2-Nitrophenol	(2)	15.985	139	19396	9.430
36) 2,4-Dimethylphenol	(2)	16.015	107	34218	9.892
38) 1-chloro-2-nitro-4(trifluorome	(2)	16.193	179	12147	9.855
37) bis(2-Chloroethoxy)methane	(2)	16.331	93	36134	10.091
39) 2,4-Dichlorophenol	(2)	16.696	162	25348	9.423
40) 1,2,4-Trichlorobenzene	(2)	16.992	180	31825	10.026
41) Naphthalene-d8	(2)	17.189	136	325342	40.000
46) 2-Tertbutylphenol	(2)	18.403	135	33599	9.714
42) Naphthalene	(2)	17.248	128	88895	10.235
43) 4-Chloroaniline	(2)	17.347	127	39920	12.040
44) Hexachlorobutadiene	(2)	17.584	225	18714	9.862
45) Caprolactam	(2)	18.324	113	18432	10.295
47) 4-Chloro-3-methylphenol	(2)	18.758	142	21356	9.396
49) 2-Methylnaphthalene	(2)	19.369	142	57584	10.314
50) Phthalic anhydride	(2)	19.488	104	29581	17.029

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb051a.d
Injection date and time: 06-FEB-2006 13:13

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD01016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
51) Hexachlorocyclopentadiene	(3)	19.833	237	15176	8.223
52) 2,4,6-Trichlorophenol	(3)	20.198	196	19377	9.558
53) 2,4,5-Trichlorophenol	(3)	20.307	196	20326	9.011
55) 1,1'-Biphenyl	(3)	20.800	154	117212	10.528
56) Diphenyl	(3)	20.800	154	117212	10.554
57) 2-Chloronaphthalene	(3)	20.889	162	53726	9.949
48) 4-Tertbutylphenol	(2)	18.847	135	44032	9.351
58) 2-Nitroaniline	(3)	21.155	65	14489	9.206
60) Dimethylphthalate	(3)	21.678	163	67486	10.115
61) 2,6-Dinitrotoluene	(3)	21.885	165	14661	8.740
62) Acenaphthylene	(3)	22.201	152	81360	10.032
63) 3-Nitroaniline	(3)	22.418	138	16278	10.620
64) Acenaphthene-d10	(3)	22.625	164	170616	40.000
67) Acenaphthene	(3)	22.734	153	49591	10.171
68) 2,4-Dinitrophenol	(3)	22.744	184	6536	5.026
69) 4-Nitrophenol	(3)	22.833	109	11405	8.549
71) Dibenzofuran	(3)	23.267	168	72176	9.880
72) 2,4-Dinitrotoluene	(3)	23.149	165	20952	9.227
73) 2,6-Dinitrophenol	(4)	23.583	184	4468	5.269
59) 2,6-Ditertbutylphenol	(3)	21.550	191	34028	10.819
74) Diethylphthalate	(3)	23.879	149	66659	9.881
76) Fluorene	(3)	24.343	166	53876	9.994
75) 4-Chlorophenyl-phenylether	(3)	24.303	204	27915	9.605
77) 4(tert-Octyl)phenol	(4)	24.204	135	76458	8.978
78) 4-Nitroaniline	(3)	24.313	138	17628	11.211
79) 4,6-Dinitro-2-methylphenol	(4)	24.412	198	11362	7.210
80) N-Nitrosodiphenylamine	(4)	24.649	169	37751	9.831
65) 2,4-Ditertbutylphenol	(3)	22.517	191	51446	8.966
81) 1,2-Diphenylhydrazine	(4)	24.797	77	57208	10.286
70) 3,5-Ditertbutylphenol	(3)	22.892	191	36883	8.619
83) 4-Bromophenyl-phenylether	(4)	25.823	248	15380	9.910
84) Hexachlorobenzene	(4)	26.030	284	19443	10.066
85) Atrazine	(4)	26.227	200	29339	10.452
86) Pentachlorophenol	(4)	26.582	266	9644	7.524
87) Phenanthrene-d10	(4)	27.174	188	258081	40.000
88) Phenanthrene	(4)	27.243	178	79207	10.248
89) Anthracene	(4)	27.392	178	82635	10.395
90) Carbazole	(4)	27.796	167	72892	10.217
91) Di-n-butylphthalate	(4)	28.634	149	107305	9.984
92) Fluoranthene	(4)	30.409	202	74798	9.928
93) Pyrene	(5)	31.000	202	81166	10.191
95) Butylbenzylphthalate	(5)	32.430	149	44498	9.892
96) 3,3'-Dichlorobenzidine	(5)	34.087	252	20314	14.482

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb051a.d
Injection date and time: 06-FEB-2006 13:13

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD01016

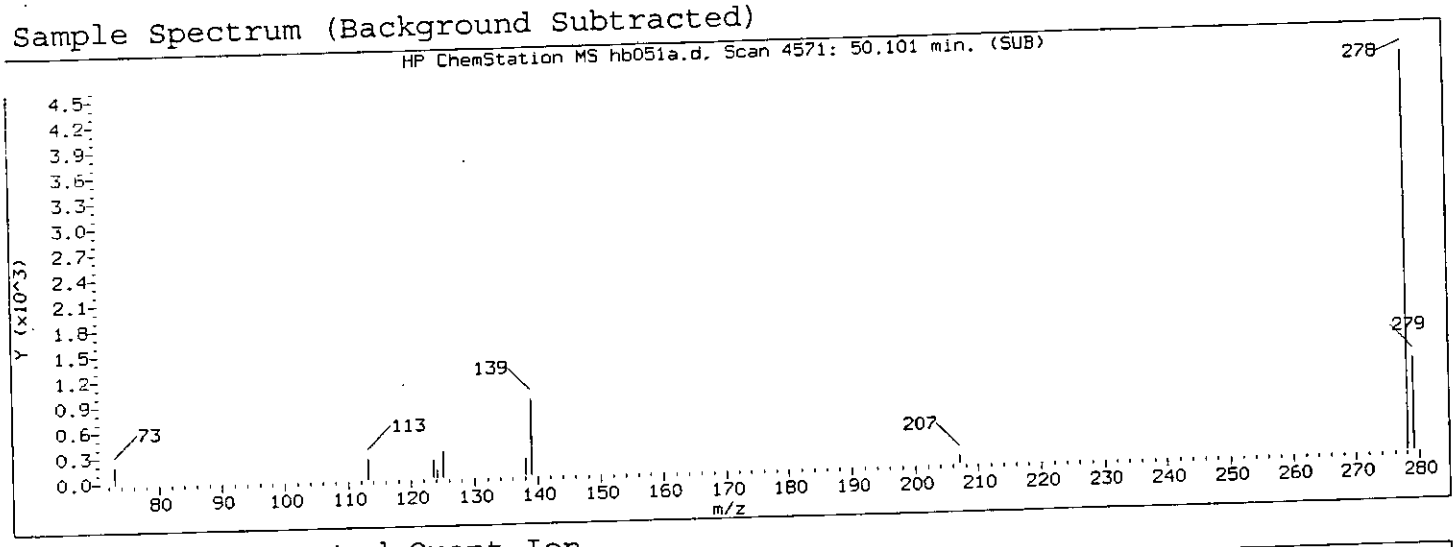
Lab Sample ID: CLP0346

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
97)	Benzo(a)anthracene	(5)	34.275	228	63612	10.154
99)	Chrysene-d12	(5)	34.314	240	187814	40.000
100)	Chrysene	(5)	34.403	228	57118	9.858
98)	bis(2-Ethylhexyl)phthalate	(5)	34.057	149	56689	9.348
101)	Di-n-octylphthalate	(6)	36.661	149	84198	8.616
102)	Benzo(b)fluoranthene	(6)	38.968	252	48805	9.439
103)	Benzo(k)fluoranthene	(6)	39.136	252	50367	9.606
104)	Benzo(a)pyrene	(6)	40.941	252	44948	9.354
105)	Perylene-d12	(6)	41.296	264	149913	40.000
106)	Indeno(1,2,3-cd)pyrene	(6)	49.874	276	37405	9.074
107)	Dibenz(a,h)anthracene	(6)	50.101	278	38956M	9.487
108)	Benzo(g,h,i)perylene	(6)	52.576	276	38905	9.380
4)	2-Fluorophenol	(1)	9.721	112	32478	9.863
10)	Phenol-d5	(1)	12.166	99	37730	10.153
14)	2-Chlorophenol-d4	(1)	12.729	132	33867	9.861
21)	1,2-Dichlorobenzene-d4	(1)	13.844	152	21745	10.241
32)	Nitrobenzene-d5	(2)	14.979	82	31295	9.601
54)	2-Fluorobiphenyl	(3)	20.474	172	58818	9.929
82)	2,4,6-Tribromophenol	(4)	25.073	330	10040	9.650
94)	Terphenyl-d14	(5)	31.286	244	46087	10.073

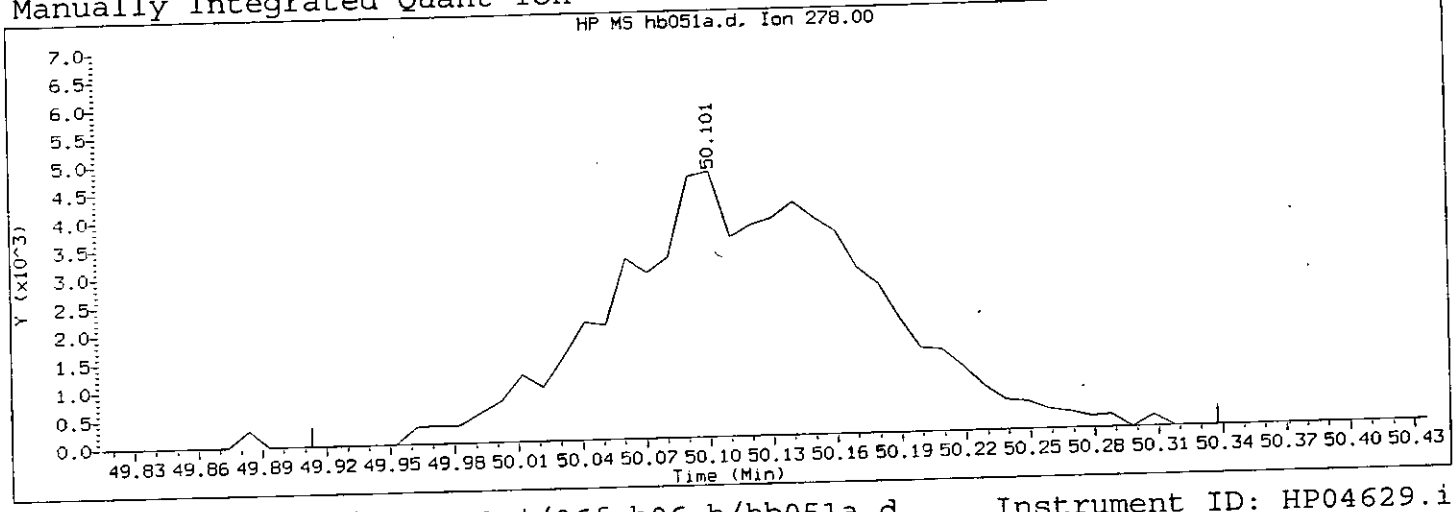
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb051a.d
Injection date and time: 06-FEB-2006 13:13

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD01016

Lab Sample ID: CLP0346

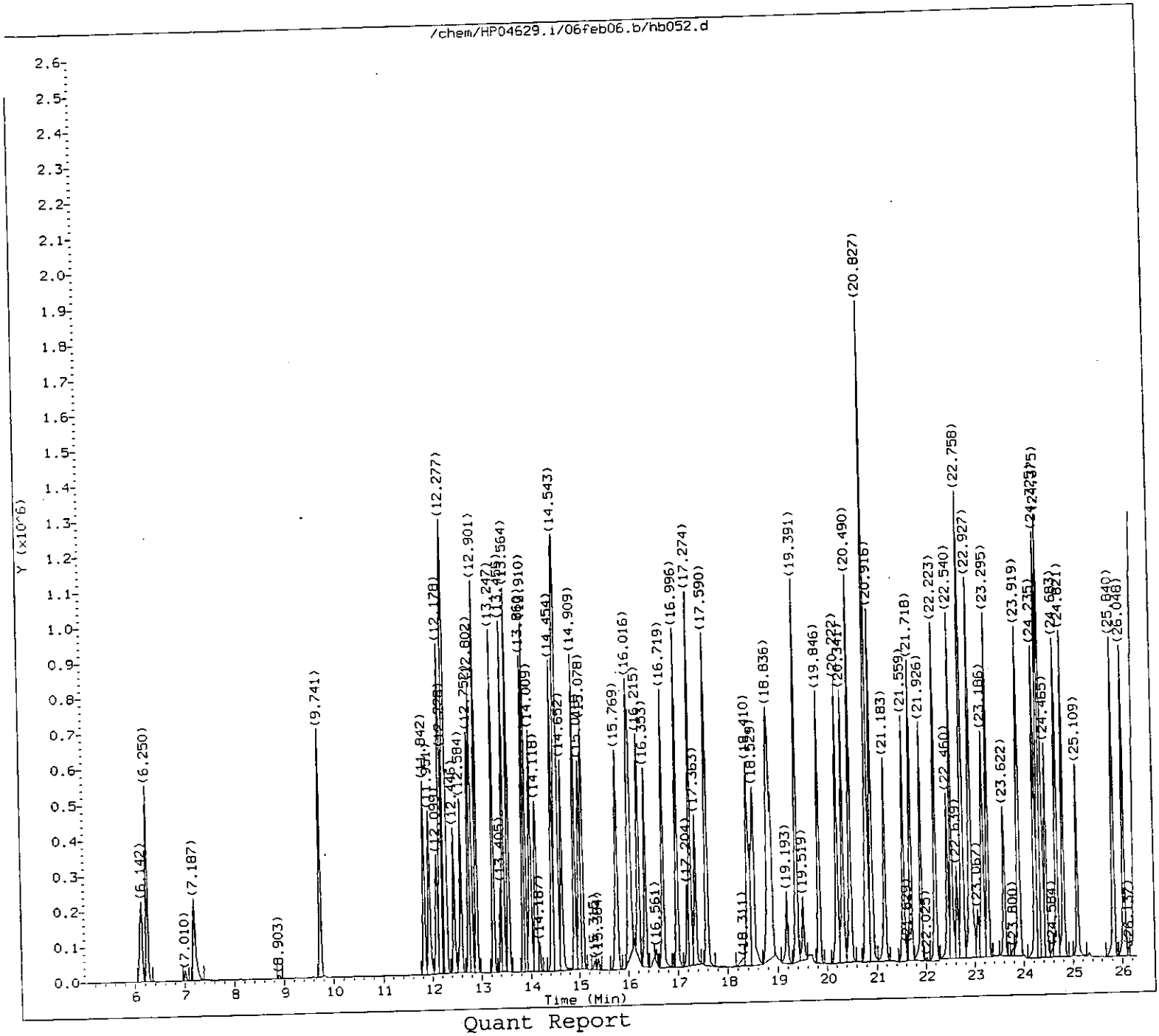
Compound Number : 107
Compound Name : Dibenz(a,h)anthracene
Scan Number : 4571
Retention Time (minutes): 50.101
Quant Ion : 278
Area (flag) : 38956 M
Concentration (2ng/ul) : 9.4870
Integration start scan : 4551 Integration stop scan: 4594
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1980 02/06/06

GC/MS audit/management approval: CMR/412 2/7/06 8934

Manual Integration Report for data file /chem/HP04629.i/06feb06.b/hb051a.d, generated on 02/06/2006 at 19:19



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb052.d
Injection date and time: 06-FEB-2006 14:16

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD16016

Lab Sample ID: CLP0346

0935

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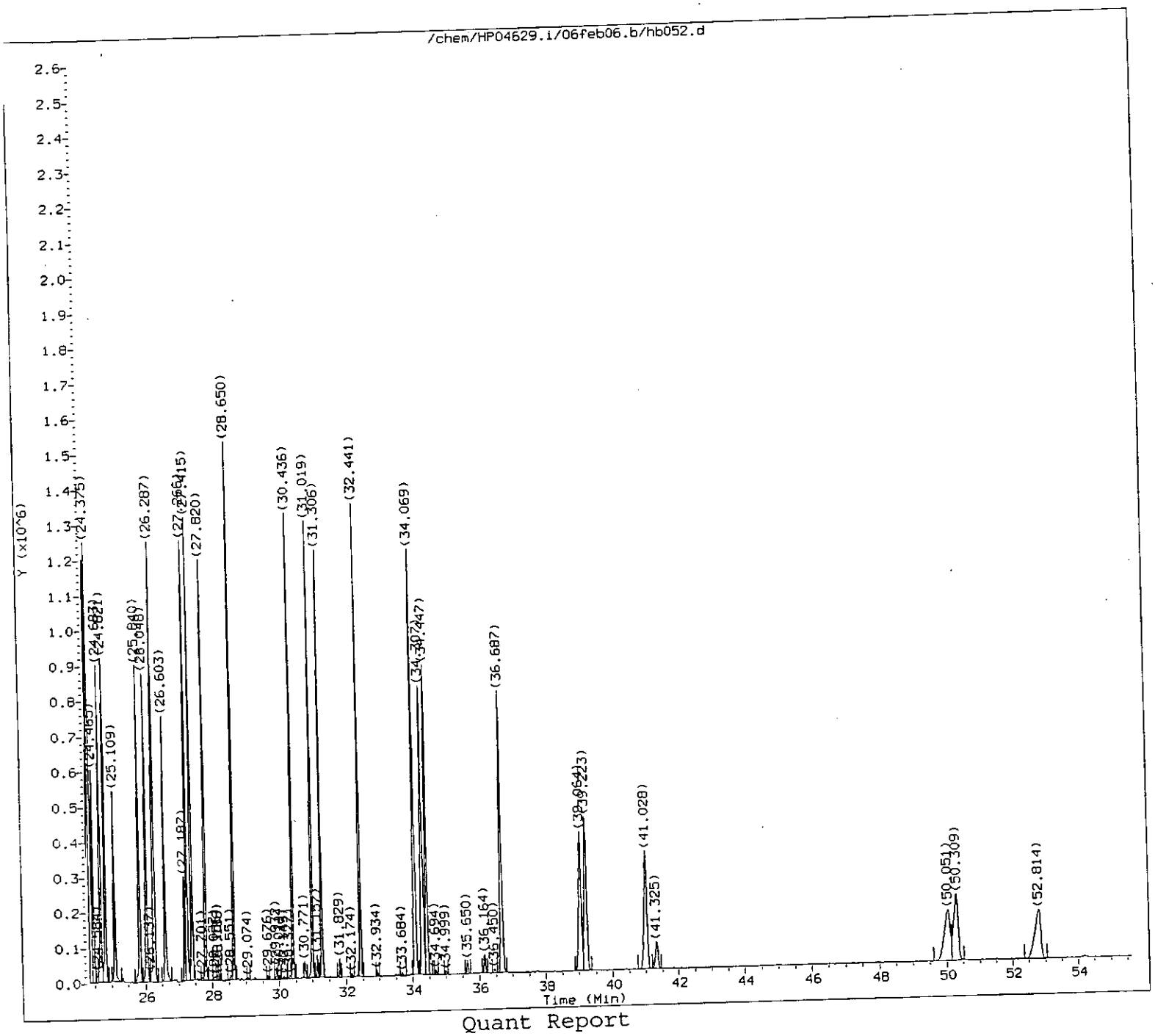

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb052.d
Injection date and time: 06-FEB-2006 14:16

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m

Sublist used: all

Calibration date and time: 06-FEB-2006 19:19
Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD16016

Lab Sample ID: CLP0346

0936

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Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb052.d
Injection date and time: 06-FEB-2006 14:16

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD16016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) N-Nitrosodimethylamine	(1)	6.142	74	227470	158.151
2) Pyridine	(1)	6.250	79	385518	157.238
3) N,N-dimethyl formamide	(1)	7.187	73	248189	167.847
5) 2-methylcyclohexanone	(1)	11.842	112	132483	158.423
6) 3-methylcyclohexanone	(1)	11.951	112	119060	151.528
7) 4-methylcyclohexanone	(1)	12.099	112	104330	151.113
8) Benzaldehyde	(1)	12.178	77	341556	116.414
9) 1,3,5-Trimethylbenzene	(1)	12.287	105	842656	156.910
12) Aniline	(1)	12.446	93	405814	141.583
11) Phenol	(1)	12.267	94	546343	154.329
13) bis(2-Chloroethyl)ether	(1)	12.594	93	474732	163.220
15) 2-Chlorophenol	(1)	12.802	128	527371	159.063
16) 1,2,4-Trimethylbenzene	(1)	12.901	105	884865	159.176
17) 1,3-Dichlorobenzene	(1)	13.257	146	538820	155.589
18) 1,4-Dichlorobenzene-d4	(1)	13.405	152	82408	40.000
19) 1,4-Dichlorobenzene	(1)	13.455	146	555208	157.124
20) 1,2,3-Trimethylbenzene	(1)	13.564	105	879115	161.651
22) 1,2-Dichlorobenzene	(1)	13.910	146	526793	158.085
23) 2-Methylphenol	(1)	14.009	108	425938	159.811
24) 2,2'-oxybis(1-Chloropropane)	(1)	14.118	45	476044	159.869
25) bis(2-Chloroisopropyl)ether	(1)	14.118	45	476044	159.855
27) Acetophenone	(1)	14.563	105	1147693	157.679
28) N-Nitroso-di-n-propylamine	(1)	14.533	70	291641	165.254
29) o-Toluidine	(1)	14.652	106	495950	144.706
26) 4-Methylphenol	(1)	14.454	108	452779	161.960
30) Hexachloroethane	(1)	14.909	117	273165	160.702
33) Nitrobenzene	(2)	15.078	77	462837	157.906
34) Isophorone	(2)	15.779	82	886662	159.604
35) 2-Nitrophenol	(2)	16.016	139	303761	158.769
36) 2,4-Dimethylphenol	(2)	16.046	107	518649	161.179
38) 1-chloro-2-nitro-4(trifluorome	(2)	16.215	179	188599	164.494
37) bis(2-Chloroethoxy)methane	(2)	16.353	93	535930	160.888
39) 2,4-Dichlorophenol	(2)	16.719	162	413956	165.424
40) 1,2,4-Trichlorobenzene	(2)	17.006	180	469006	158.830
41) Naphthalene-d8	(2)	17.194	136	302638	40.000
46) 2-Tertbutylphenol	(2)	18.410	135	541283	168.229
42) Naphthalene	(2)	17.274	128	1258405	155.760
43) 4-Chloroaniline	(2)	17.373	127	370992	120.289
44) Hexachlorobutadiene	(2)	17.590	225	279420	158.290
45) Caprolactam	(2)	18.529	113	266589	160.065
47) 4-Chloro-3-methylphenol	(2)	18.826	142	351659	166.335
49) 2-Methylnaphthalene	(2)	19.391	142	826474	159.136
50) Phthalic anhydride	(2)	19.519	104	183726M	113.714

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb052.d
Injection date and time: 06-FEB-2006 14:16

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD16016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
51) Hexachlorocyclopentadiene	(3)	19.846	237	292803	163.761
52) 2,4,6-Trichlorophenol	(3)	20.222	196	314503	160.129
53) 2,4,5-Trichlorophenol	(3)	20.341	196	335126	153.363
55) 1,1'-Biphenyl	(3)	20.827	154	1648544	152.848
56) Diphenyl	(3)	20.827	154	1652472	153.588
57) 2-Chloronaphthalene	(3)	20.916	162	805833	154.038
48) 4-Tertbutylphenol	(2)	18.856	135	756415	172.683
58) 2-Nitroaniline	(3)	21.183	65	242610	159.113
60) Dimethylphthalate	(3)	21.718	163	1007834	155.919
61) 2,6-Dinitrotoluene	(3)	21.926	165	269293	165.708
62) Acenaphthylene	(3)	22.223	152	1211736	154.226
63) 3-Nitroaniline	(3)	22.460	138	216869	146.046
64) Acenaphthene-d10	(3)	22.639	164	165292	40.000
67) Acenaphthene	(3)	22.758	153	727424	153.994
68) 2,4-Dinitrophenol	(3)	22.778	184	211806	168.122
69) 4-Nitrophenol	(3)	22.917	109	208450	161.278
71) Dibenzofuran	(3)	23.295	168	1099739	155.389
72) 2,4-Dinitrotoluene	(3)	23.186	165	354036	160.932
73) 2,6-Dinitrophenol	(4)	23.622	184	143147	169.645
59) 2,6-Ditertbutylphenol	(3)	21.559	191	466859	153.220
74) Diethylphthalate	(3)	23.919	149	1041129	159.296
76) Fluorene	(3)	24.365	166	812844	155.637
75) 4-Chlorophenyl-phenylether	(3)	24.325	204	451880	160.499
77) 4(tert-Octyl)phenol	(4)	24.235	135	1432323	169.031
78) 4-Nitroaniline	(3)	24.405	138	239949	157.518
79) 4,6-Dinitro-2-methylphenol	(4)	24.465	198	259790	165.666
80) N-Nitrosodiphenylamine	(4)	24.683	169	602244	157.618
65) 2,4-Ditertbutylphenol	(3)	22.540	191	894512	160.910
81) 1,2-Diphenylhydrazine	(4)	24.821	77	871246	157.431
70) 3,5-Ditertbutylphenol	(3)	22.937	191	692288	166.993
83) 4-Bromophenyl-phenylether	(4)	25.840	248	255277	165.301
84) Hexachlorobenzene	(4)	26.058	284	304415	158.385
85) Atrazine	(4)	26.287	200	439188	157.233
86) Pentachlorophenol	(4)	26.603	266	209379	164.159
87) Phenanthrene-d10	(4)	27.187	188	256805	40.000
88) Phenanthrene	(4)	27.266	178	1213232	157.752
89) Anthracene	(4)	27.415	178	1255679	158.747
90) Carbazole	(4)	27.820	167	1136137	160.035
91) Di-n-butylphthalate	(4)	28.650	149	1714934	160.354
92) Fluoranthene	(4)	30.436	202	1202561	160.403
93) Pyrene	(5)	31.019	202	1253871	155.834
95) Butylbenzylphthalate	(5)	32.441	149	722853	159.046
96) 3,3'-Dichlorobenzidine	(5)	34.109	252	145126	102.407

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb052.d
Injection date and time: 06-FEB-2006 14:16

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD16016

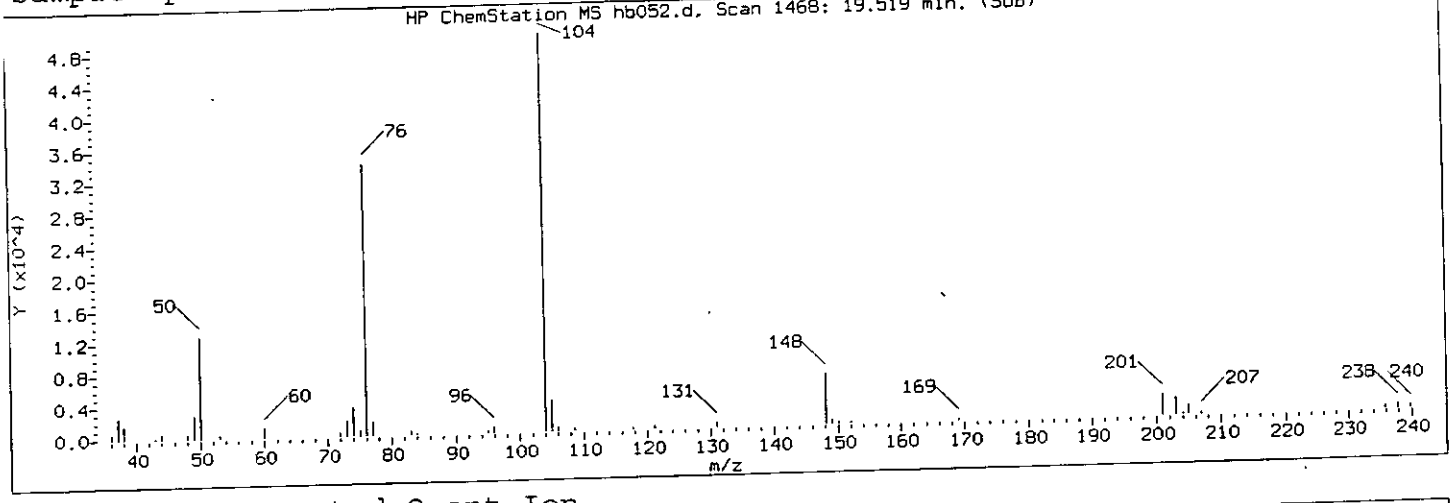
Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
97) Benzo(a)anthracene	(5)	34.307	228	995147	157.236
99) Chrysene-d12	(5)	34.347	240	189749	40.000
100) Chrysene	(5)	34.447	228	914955	156.298
98) bis(2-Ethylhexyl)phthalate	(5)	34.069	149	978892	159.769
101) Di-n-octylphthalate	(6)	36.687	149	1578352	167.416
102) Benzo(b)fluoranthene	(6)	39.064	252	803519	161.084
103) Benzo(k)fluoranthene	(6)	39.223	252	812431	160.602
104) Benzo(a)pyrene	(6)	41.028	252	753573	162.550
105) Perylene-d12	(6)	41.325	264	144629	40.000
106) Indeno(1,2,3-cd)pyrene	(6)	50.031	276	639546	160.816
107) Dibenz(a,h)anthracene	(6)	50.309	278	631670	159.452
108) Benzo(g,h,i)perylene	(6)	52.834	276	634979	158.681
4) 2-Fluorophenol	(1)	9.741	112	478529	159.727
10) Phenol-d5	(1)	12.218	99	531232	157.116
14) 2-Chlorophenol-d4	(1)	12.752	132	498109	159.395
21) 1,2-Dichlorobenzene-d4	(1)	13.860	152	316252	163.702
32) Nitrobenzene-d5	(2)	15.018	82	491210	162.003
54) 2-Fluorobiphenyl	(3)	20.490	172	893211	155.633
82) 2,4,6-Tribromophenol	(4)	25.109	330	166764	161.089
94) Terphenyl-d14	(5)	31.306	244	724363	156.699

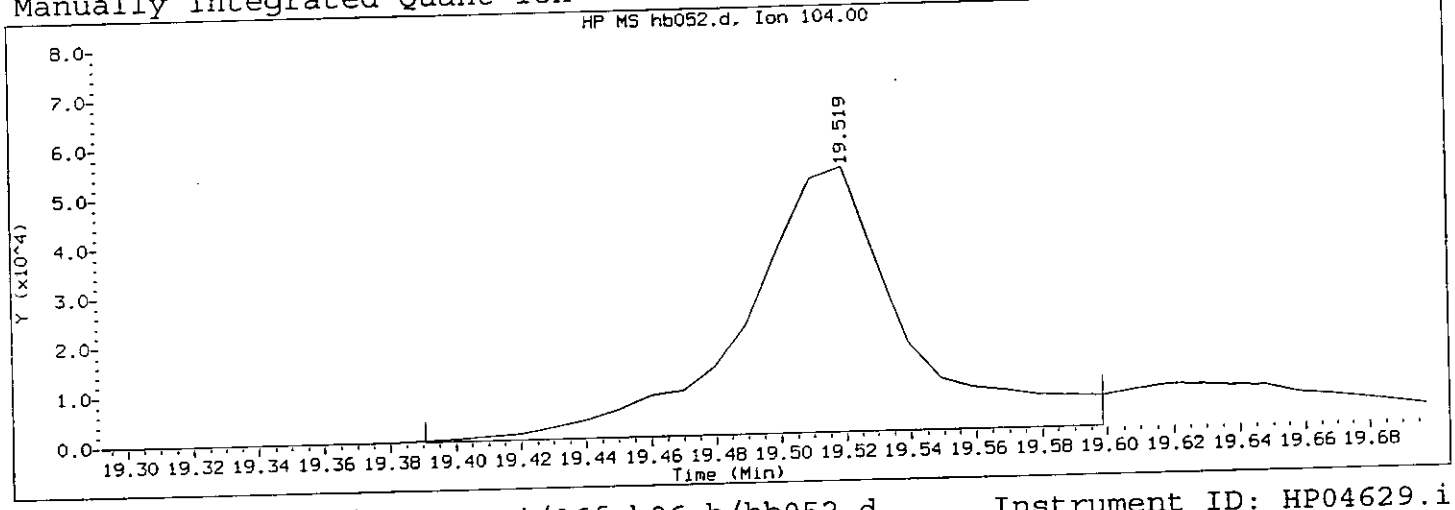
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb052.d
Injection date and time: 06-FEB-2006 14:16

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD16016

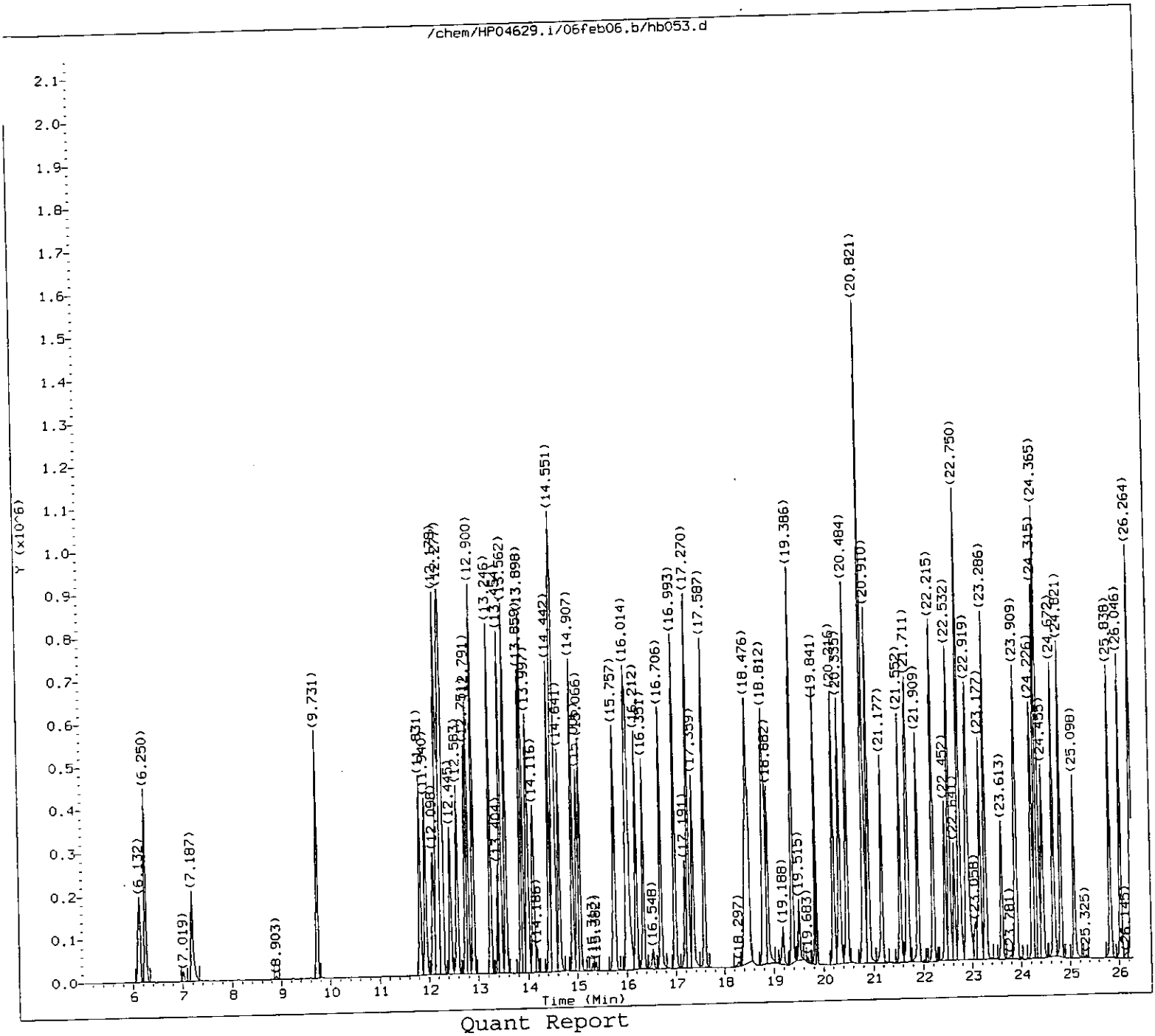
Lab Sample ID: CLP0346

Compound Number : 50
Compound Name : Phthalic anhydride
Scan Number : 1468
Retention Time (minutes): 19.519
Quant Ion : 104
Area (flag) : 183726 M
Concentration (2ng/ul) : 113.7139
Integration start scan : 1454 Integration stop scan: 1475
Y at integration start : -10 Y at integration end: -10

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 02/06/06

GC/MS audit/management approval: CME 412 2/7/06 0940



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

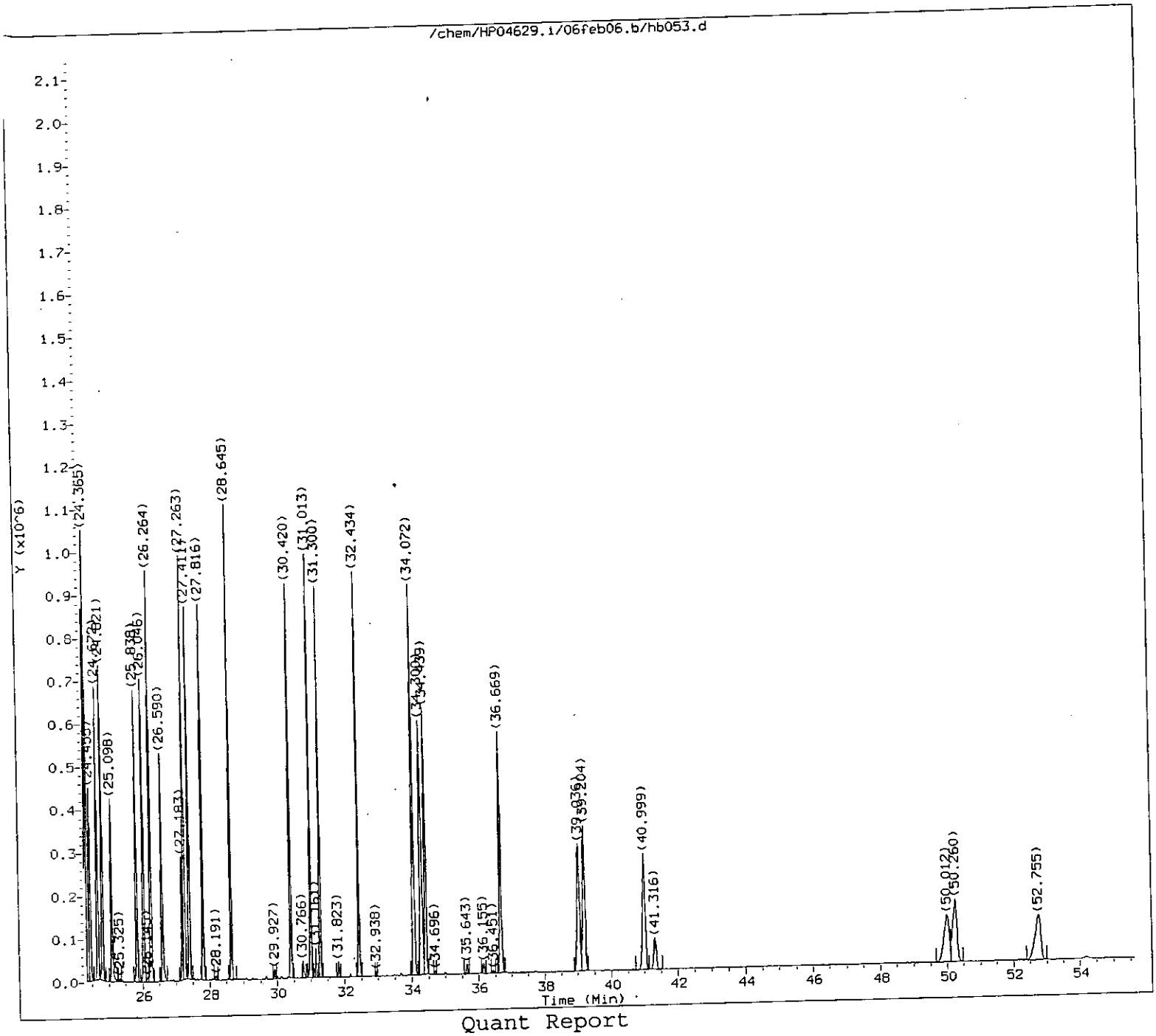
Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

Lab Sample ID: CLP0346

8941

lmh 06/06/06



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

Lab Sample ID: CLP0346

8942

LMH 06
02/06/06

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) N-Nitrosodimethylamine	(1)	6.132	74	180730	118.253
2) Pyridine	(1)	6.250	79	310445	119.160
3) N,N-dimethyl formamide	(1)	7.187	73	191453	121.850
5) 2-methylcyclohexanone	(1)	11.831	112	105659	118.905
6) 3-methylcyclohexanone	(1)	11.940	112	96191	115.211
7) 4-methylcyclohexanone	(1)	12.098	112	84613	115.336
8) Benzaldehyde	(1)	12.178	77	316001	101.360
9) 1,3,5-Trimethylbenzene	(1)	12.287	105	679937	119.153
12) Aniline	(1)	12.445	93	340067	111.656
11) Phenol	(1)	12.257	94	443708	117.954
13) bis(2-Chloroethyl)ether	(1)	12.583	93	365578	118.288
15) 2-Chlorophenol	(1)	12.801	128	409791	116.319
16) 1,2,4-Trimethylbenzene	(1)	12.900	105	705212	119.386
17) 1,3-Dichlorobenzene	(1)	13.246	146	437121	118.787
18) 1,4-Dichlorobenzene-d4	(1)	13.404	152	87566	40.000
19) 1,4-Dichlorobenzene	(1)	13.454	146	441961	117.708
20) 1,2,3-Trimethylbenzene	(1)	13.562	105	695427	120.343
22) 1,2-Dichlorobenzene	(1)	13.898	146	418914	118.307
23) 2-Methylphenol	(1)	13.997	108	332452	117.388
24) 2,2'-oxybis(1-Chloropropane)	(1)	14.116	45	374123M	118.240
25) bis(2-Chloroisopropyl)ether	(1)	14.116	45	374274M	118.277
27) Acetophenone	(1)	14.551	105	881338	113.953
28) N-Nitroso-di-n-propylamine	(1)	14.522	70	222064	118.418
29) o-Toluidine	(1)	14.650	106	402472	110.514
26) 4-Methylphenol	(1)	14.442	108	349551	117.670
30) Hexachloroethane	(1)	14.907	117	217398	120.361
33) Nitrobenzene	(2)	15.066	77	356436	119.379
34) Isophorone	(2)	15.757	82	673874	119.081
35) 2-Nitrophenol	(2)	16.014	139	243222	124.800
36) 2,4-Dimethylphenol	(2)	16.043	107	397263	121.197
38) 1-chloro-2-nitro-4(trifluorome	(2)	16.212	179	146919	125.796
37) bis(2-Chloroethoxy)methane	(2)	16.351	93	409895	120.799
39) 2,4-Dichlorophenol	(2)	16.716	162	314215	123.267
40) 1,2,4-Trichlorobenzene	(2)	16.993	180	366055	121.697
41) Naphthalene-d8	(2)	17.201	136	308281	40.000
46) 2-Tertbutylphenol	(2)	18.476	135	399212M	121.802
42) Naphthalene	(2)	17.270	128	985830	119.788
43) 4-Chloroaniline	(2)	17.359	127	344462	109.643
44) Hexachlorobutadiene	(2)	17.597	225	223087	124.064
45) Caprolactam	(2)	18.515	113	202336	119.262
47) 4-Chloro-3-methylphenol	(2)	18.802	142	266524	123.759
49) 2-Methylnaphthalene	(2)	19.386	142	633375	119.723
50) Phthalic anhydride	(2)	19.505	104	133742	81.262

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
51) Hexachlorocyclopentadiene	(3)	19.851	237	222057	128.027
52) 2,4,6-Trichlorophenol	(3)	20.216	196	228496	119.929
53) 2,4,5-Trichlorophenol	(3)	20.335	196	257059	121.268
55) 1,1'-Biphenyl	(3)	20.821	154	1228228	117.393
56) Diphenyl	(3)	20.821	154	1215589	116.470
57) 2-Chloronaphthalene	(3)	20.910	162	609351	120.075
48) 4-Tertbutylphenol	(2)	18.842	135	547933	122.799
58) 2-Nitroaniline	(3)	21.177	65	175450	118.618
60) Dimethylphthalate	(3)	21.711	163	732660	116.846
61) 2,6-Dinitrotoluene	(3)	21.919	165	196508	124.652
62) Acenaphthylene	(3)	22.215	152	907421	119.059
63) 3-Nitroaniline	(3)	22.452	138	165365	114.799
64) Acenaphthene-d10	(3)	22.641	164	160343	40.000
67) Acenaphthene	(3)	22.750	153	537844	117.375
68) 2,4-Dinitrophenol	(3)	22.770	184	147054	120.327
69) 4-Nitrophenol	(3)	22.889	109	149014	118.851
71) Dibenzofuran	(3)	23.286	168	820697	119.541
72) 2,4-Dinitrotoluene	(3)	23.177	165	256672	120.275
73) 2,6-Dinitrophenol	(4)	23.613	184	100256	126.392
59) 2,6-Ditertbutylphenol	(3)	21.552	191	358388	121.251
74) Diethylphthalate	(3)	23.909	149	740966	116.869
76) Fluorene	(3)	24.365	166	593592	117.164
75) 4-Chlorophenyl-phenylether	(3)	24.315	204	319922	117.137
77) 4(tert-Octyl)phenol	(4)	24.226	135	1007053	126.424
78) 4-Nitroaniline	(3)	24.385	138	166435	112.631
79) 4,6-Dinitro-2-methylphenol	(4)	24.455	198	180554	122.481
80) N-Nitrosodiphenylamine	(4)	24.672	169	444945	123.877
65) 2,4-Ditertbutylphenol	(3)	22.542	191	661394	122.648
81) 1,2-Diphenylhydrazine	(4)	24.821	77	628673	120.844
70) 3,5-Ditertbutylphenol	(3)	22.919	191	488290	121.420
83) 4-Bromophenyl-phenylether	(4)	25.838	248	178728	123.114
84) Hexachlorobenzene	(4)	26.046	284	220311	121.937
85) Atrazine	(4)	26.264	200	309165	117.743
86) Pentachlorophenol	(4)	26.600	266	145169	121.075
87) Phenanthrene-d10	(4)	27.183	188	241409	40.000
88) Phenanthrene	(4)	27.263	178	876528	121.240
89) Anthracene	(4)	27.411	178	872802	117.380
90) Carbazole	(4)	27.816	167	790315	118.423
91) Di-n-butylphthalate	(4)	28.645	149	1198669	119.229
92) Fluoranthene	(4)	30.420	202	839383	119.101
93) Pyrene	(5)	31.013	202	881304	120.193
95) Butylbenzylphthalate	(5)	32.434	149	492693	118.958
96) 3,3'-Dichlorobenzidine	(5)	34.102	252	128426	99.445

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

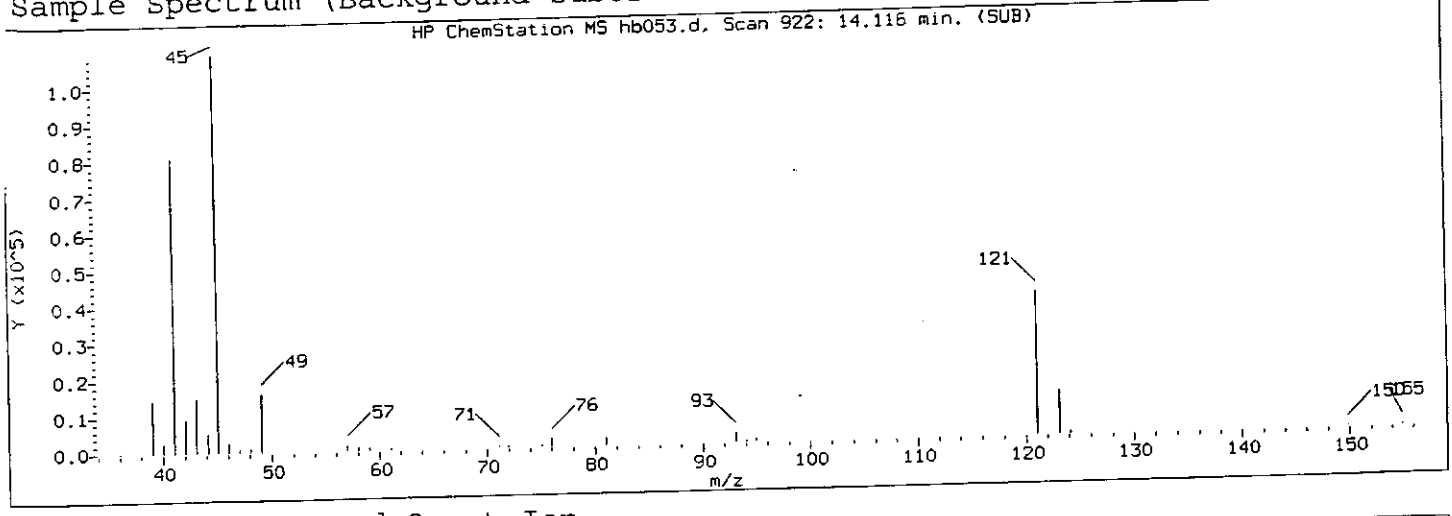
Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
97) Benzo(a)anthracene	(5)	34.300	228	699731	121.322
99) Chrysene-d12	(5)	34.340	240	172916	40.000
100) Chrysene	(5)	34.439	228	647822	121.438
98) bis(2-Ethylhexyl)phthalate	(5)	34.072	149	678992	121.609
101) Di-n-octylphthalate	(6)	36.678	149	1127040	123.044
102) Benzo(b)fluoranthene	(6)	39.046	252	595432	122.861
103) Benzo(k)fluoranthene	(6)	39.214	252	605336	123.165
104) Benzo(a)pyrene	(6)	40.999	252	559723	124.269
105) Perylene-d12	(6)	41.316	264	140517	40.000
106) Indeno(1,2,3-cd)pyrene	(6)	50.002	276	461164	119.354
107) Dibenz(a,h)anthracene	(6)	50.260	278	455877	118.444
108) Benzo(g,h,i)perylene	(6)	52.765	276	457905	117.779
4) 2-Fluorophenol	(1)	9.731	112	373781	117.414
10) Phenol-d5	(1)	12.207	99	425464	118.422
14) 2-Chlorophenol-d4	(1)	12.751	132	388873	117.110
21) 1,2-Dichlorobenzene-d4	(1)	13.859	152	254584	124.018
32) Nitrobenzene-d5	(2)	15.006	82	380881	123.316
54) 2-Fluorobiphenyl	(3)	20.484	172	671515	120.616
82) 2,4,6-Tribromophenol	(4)	25.098	330	120319	123.636
94) Terphenyl-d14	(5)	31.300	244	509092	120.851

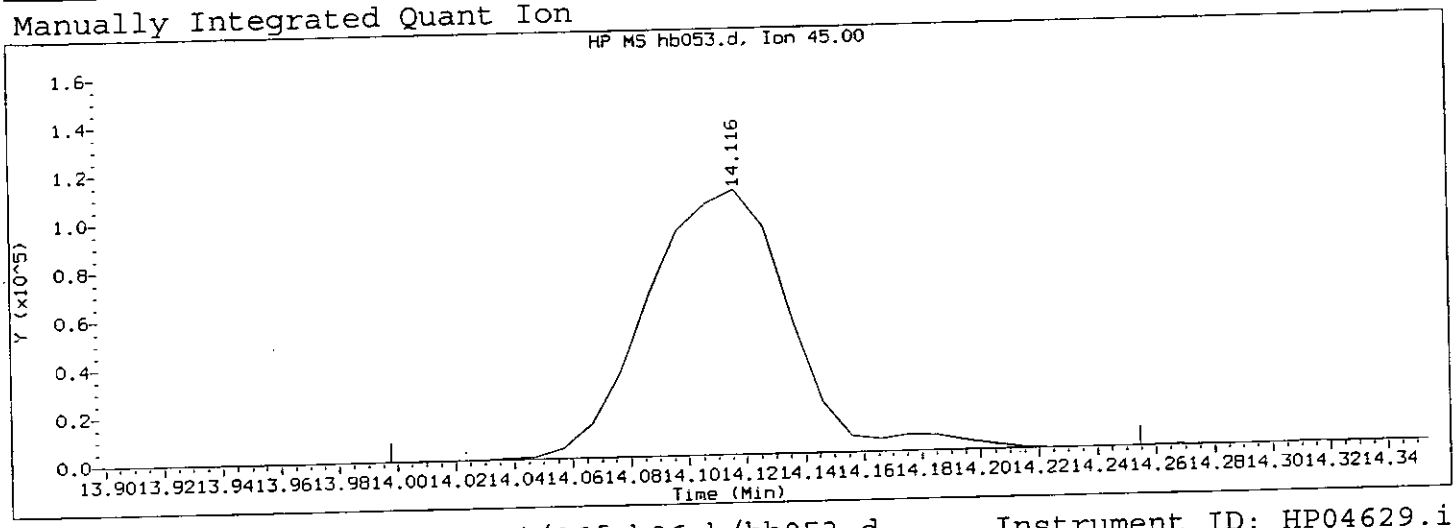
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

Lab Sample ID: CLP0346

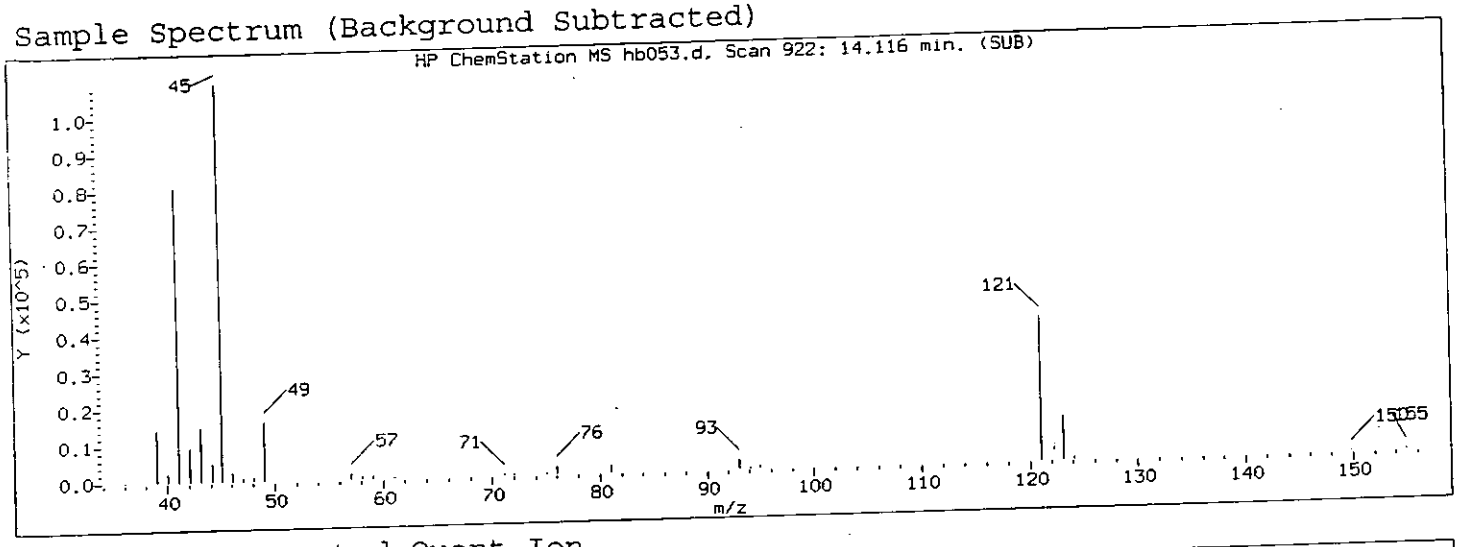
Compound Number : 24
Compound Name : 2,2'-oxybis(1-Chloropropane)
Scan Number : 922
Retention Time (minutes): 14.116
Quant Ion : 45
Area (flag) : 374123 M
Concentration (2ng/ul) : 118.2402
Integration start scan : 909 Integration stop scan: 935
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

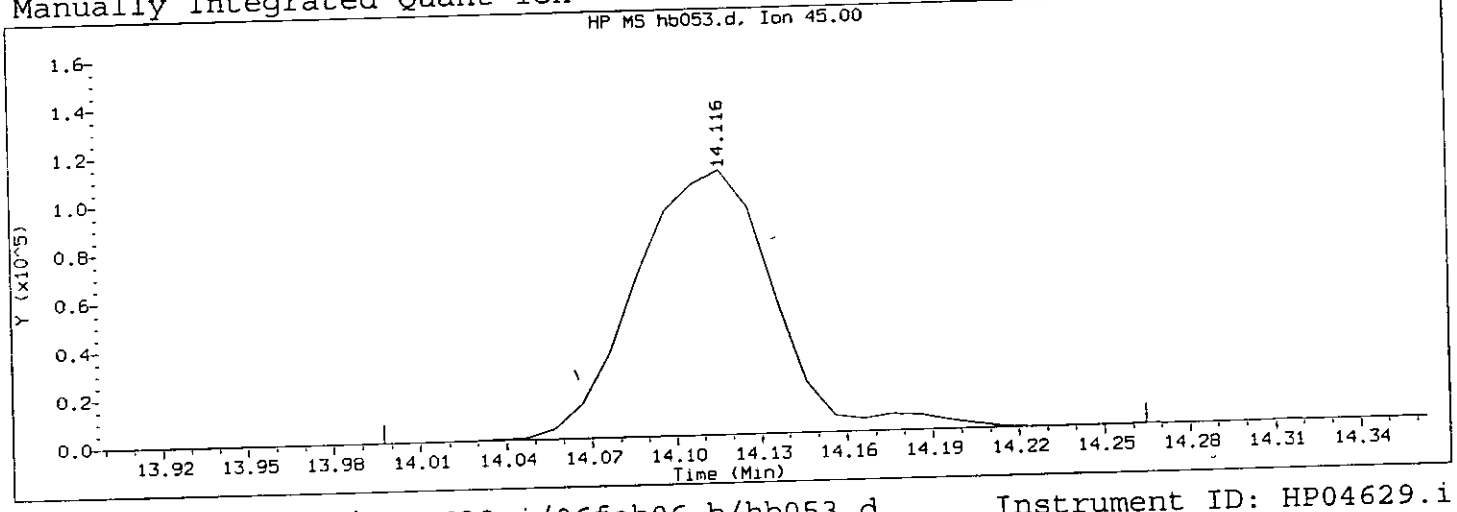
Analyst responsible for change: LMH1956 02/06/06

GC/MS audit/management approval: CMR/412 2/7/06 8946

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

Lab Sample ID: CLP0346

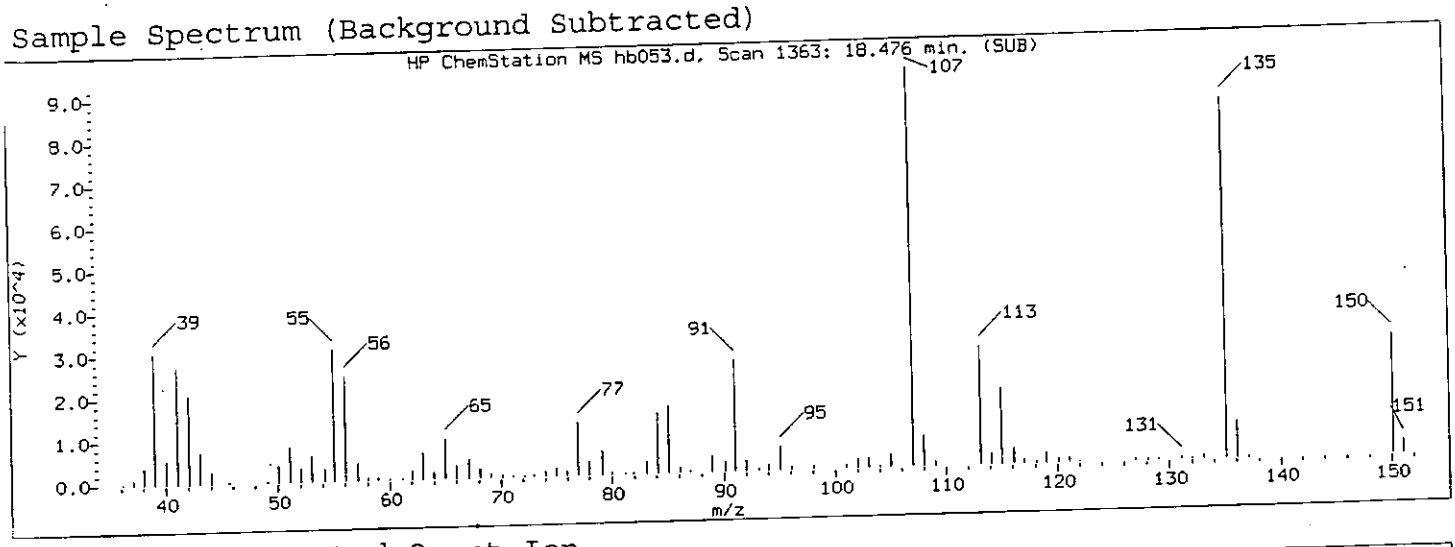
Compound Number : 25
Compound Name : bis(2-Chloroisopropyl)ether
Scan Number : 922
Retention Time (minutes): 14.116
Quant Ion : 45
Area (flag) : 374274 M
Concentration (2ng/ul) : 118.2775
Integration start scan : 909 Integration stop scan: 936
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

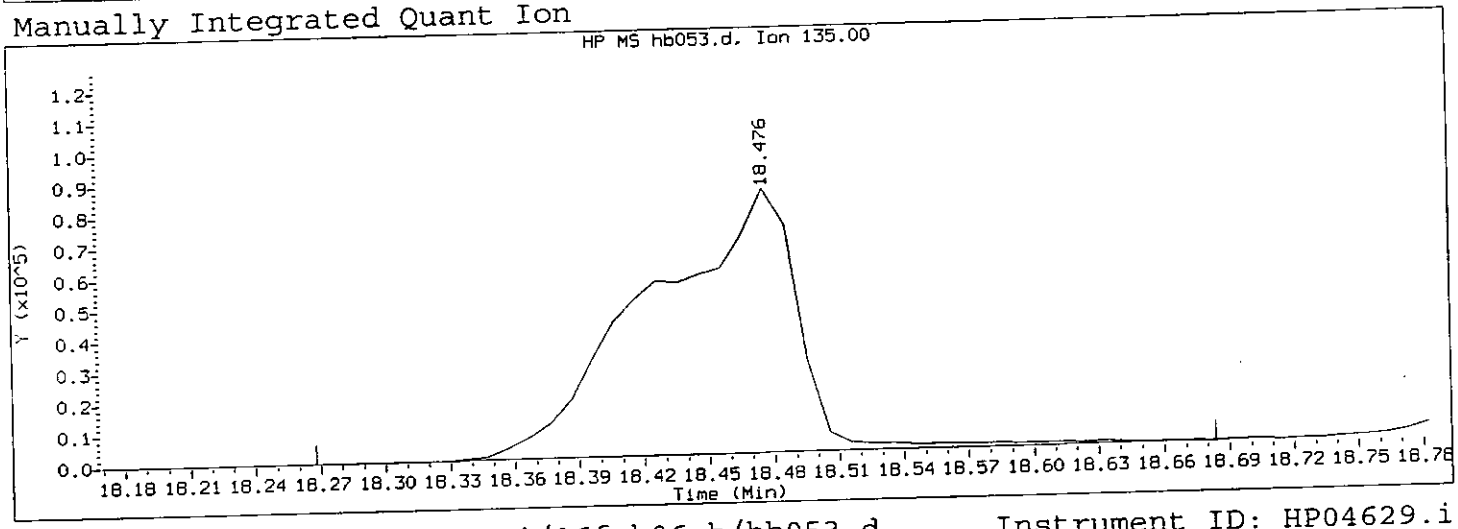
Analyst responsible for change: LMH1900 02/06/06

GC/MS audit/management approval: Cmz/412 2/7/06 0947

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb053.d
Injection date and time: 06-FEB-2006 15:18

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD12016

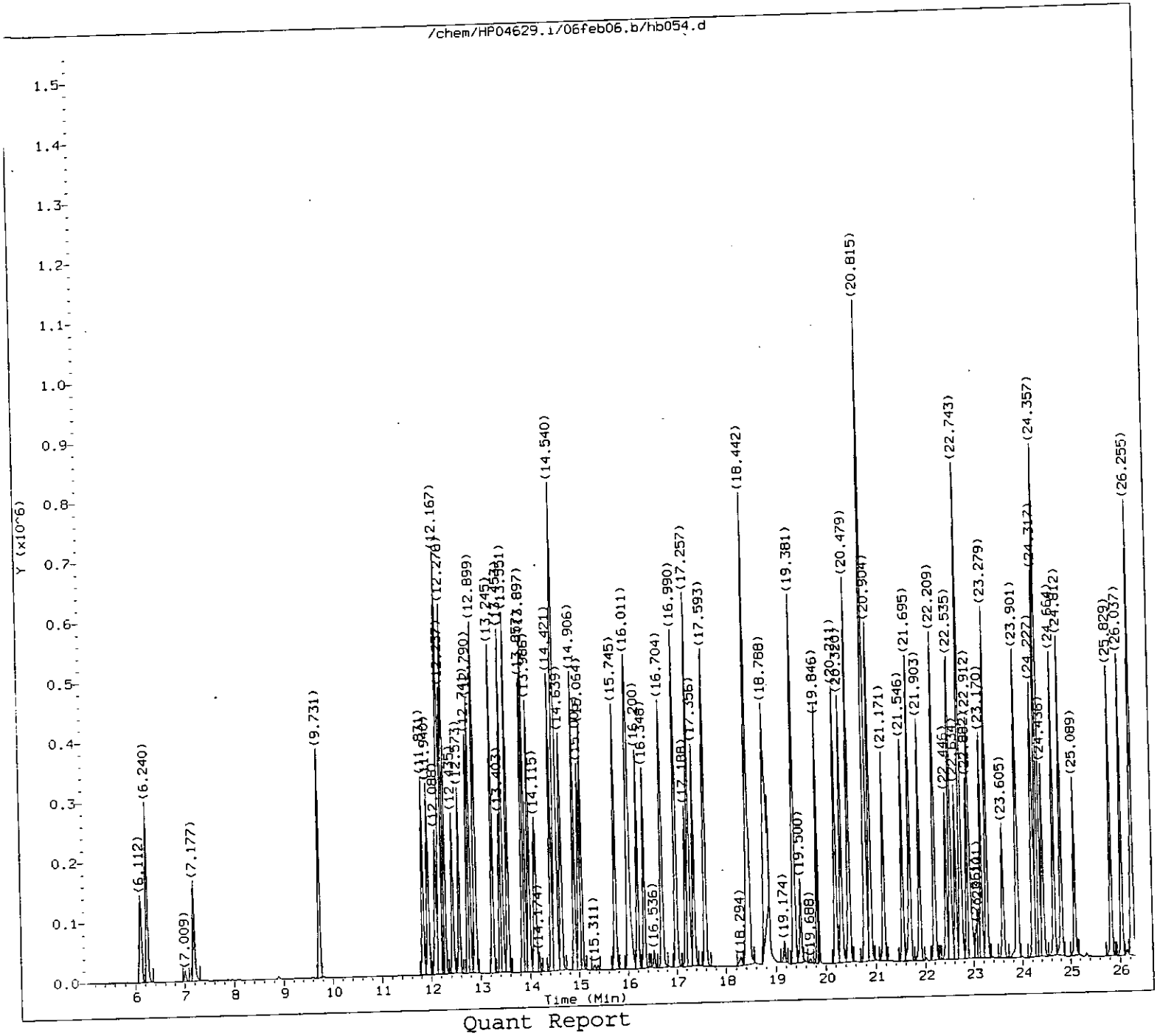
Lab Sample ID: CLP0346

Compound Number : 46
Compound Name : 2-Tertbutylphenol
Scan Number : 1363
Retention Time (minutes): 18.476
Quant Ion : 135
Area (flag) : 399212 M
Concentration (2ng/ul) : 121.8025
Integration start scan : 1341 Integration stop scan: 1383
Y at integration start : 0 Y at integration end: 711

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 1900 02/06/06

GC/MS audit/management approval: CMR/412 2/7/06 0948



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb054.d
Injection date and time: 06-FEB-2006 16:21

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

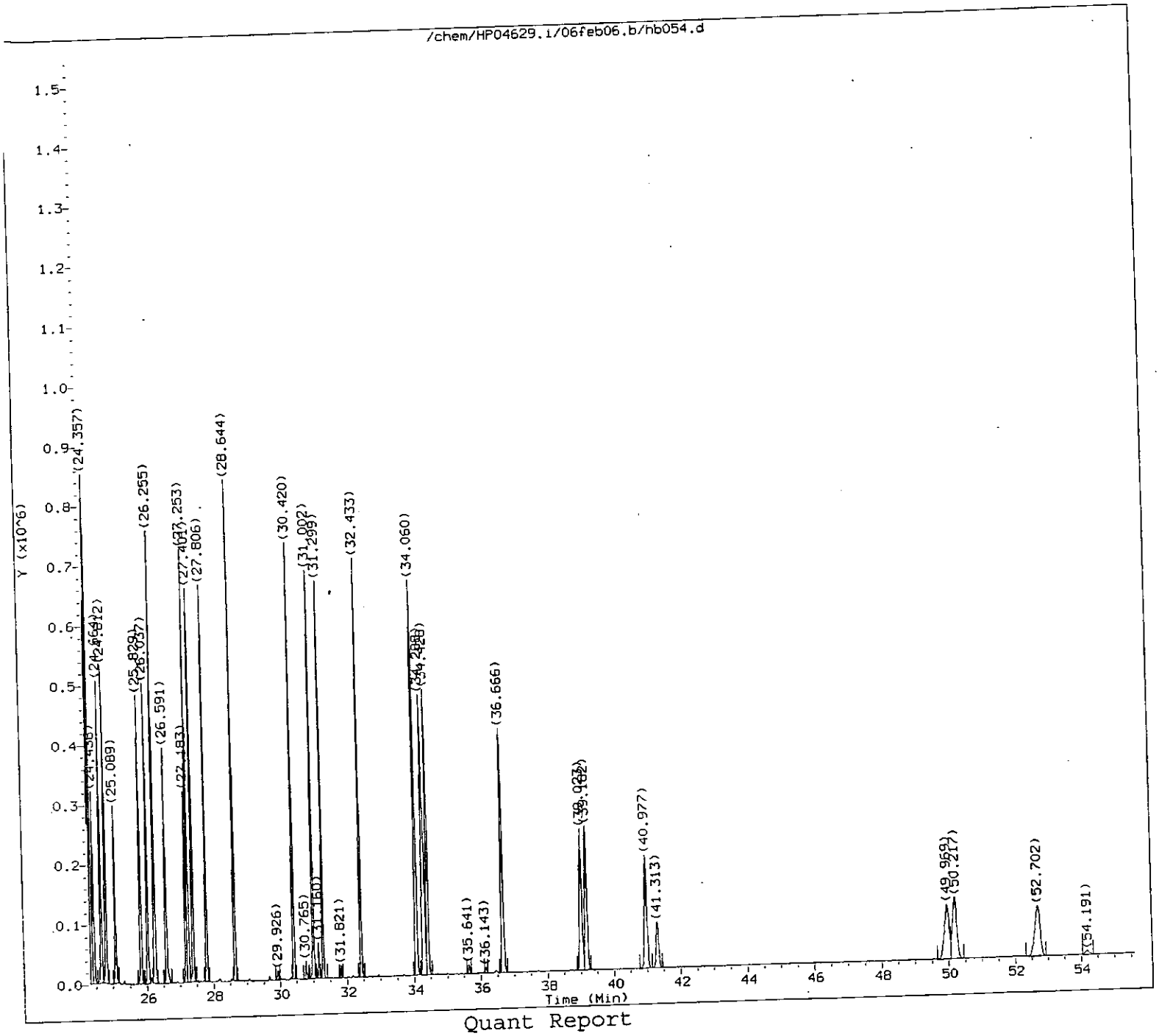
Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD08016

Lab Sample ID: CLP0346

8949

lmh 956 06/06/06



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb054.d
Injection date and time: 06-FEB-2006 16:21

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD08016

Lab Sample ID: CLP0346

8958

lmh 02/06/06

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb054.d
Injection date and time: 06-FEB-2006 16:21

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD08016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) N-Nitrosodimethylamine	(1)	6.122	74	126254	81.180
2) Pyridine	(1)	6.240	79	210264	79.310
3) N,N-dimethyl formamide	(1)	7.177	73	127071	79.475
5) 2-methylcyclohexanone	(1)	11.831	112	72877	80.594
6) 3-methylcyclohexanone	(1)	11.940	112	69429	81.719
7) 4-methylcyclohexanone	(1)	12.088	112	61121	81.872
8) Benzaldehyde	(1)	12.167	77	246197	77.603
9) 1,3,5-Trimethylbenzene	(1)	12.276	105	454731	78.308
12) Aniline	(1)	12.435	93	248719	80.250
11) Phenol	(1)	12.237	94	304249	79.481
13) bis(2-Chloroethyl)ether	(1)	12.573	93	253181	80.502
15) 2-Chlorophenol	(1)	12.790	128	290151	80.934
16) 1,2,4-Trimethylbenzene	(1)	12.899	105	465371	77.420
17) 1,3-Dichlorobenzene	(1)	13.245	146	296430	79.161
18) 1,4-Dichlorobenzene-d4	(1)	13.403	152	89108	40.000
19) 1,4-Dichlorobenzene	(1)	13.453	146	308957	80.861
20) 1,2,3-Trimethylbenzene	(1)	13.551	105	460862	78.371
22) 1,2-Dichlorobenzene	(1)	13.897	146	296797	82.369
23) 2-Methylphenol	(1)	13.986	108	233874	81.151
24) 2,2'-oxybis(1-Chloropropane)	(1)	14.105	45	262005	81.373
25) bis(2-Chloroisopropyl)ether	(1)	14.105	45	262005	81.366
27) Acetophenone	(1)	14.540	105	620218	78.803
28) N-Nitroso-di-n-propylamine	(1)	14.500	70	154544	80.986
29) o-Toluidine	(1)	14.639	106	290910	78.498
26) 4-Methylphenol	(1)	14.431	108	241919	80.028
30) Hexachloroethane	(1)	14.906	117	150192	81.714
33) Nitrobenzene	(2)	15.064	77	253986	79.841
34) Isophorone	(2)	15.745	82	484012	80.276
35) 2-Nitrophenol	(2)	16.002	139	170875	82.292
36) 2,4-Dimethylphenol	(2)	16.031	107	280755	80.391
38) 1-chloro-2-nitro-4(trifluorome	(2)	16.210	179	94312	75.792
37) bis(2-Chloroethoxy)methane	(2)	16.348	93	285370	78.935
39) 2,4-Dichlorophenol	(2)	16.704	162	218865	80.587
40) 1,2,4-Trichlorobenzene	(2)	16.990	180	250451	78.149
41) Naphthalene-d8	(2)	17.188	136	328457	40.000
46) 2-Tertbutylphenol	(2)	18.442	135	273494	78.319
42) Naphthalene	(2)	17.257	128	701979	80.058
43) 4-Chloroaniline	(2)	17.356	127	268722	80.281
44) Hexachlorobutadiene	(2)	17.593	225	153120	79.923
45) Caprolactam	(2)	18.462	113	141860	78.480
47) 4-Chloro-3-methylphenol	(2)	18.788	142	181177	78.961
49) 2-Methylnaphthalene	(2)	19.381	142	440537	78.157
50) Phthalic anhydride	(2)	19.500	104	113378	64.657

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb054.d
Injection date and time: 06-FEB-2006 16:21

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD08016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
51) Hexachlorocyclopentadiene	(3)	19.846	237	152758	84.087
52) 2,4,6-Trichlorophenol	(3)	20.211	196	162235	81.298
53) 2,4,5-Trichlorophenol	(3)	20.320	196	182262	82.091
55) 1,1'-Biphenyl	(3)	20.815	154	854895	78.012
56) Diphenyl	(3)	20.815	154	854895	78.204
57) 2-Chloronaphthalene	(3)	20.904	162	429836	80.868
48) 4-Tertbutylphenol	(2)	18.828	135	378299	79.574
58) 2-Nitroaniline	(3)	21.171	65	124436	80.322
60) Dimethylphthalate	(3)	21.695	163	534993	81.461
61) 2,6-Dinitrotoluene	(3)	21.903	165	135871	82.288
62) Acenaphthylene	(3)	22.209	152	643192	80.572
63) 3-Nitroaniline	(3)	22.446	138	123624	81.938
64) Acenaphthene-d10	(3)	22.634	164	167943	40.000
67) Acenaphthene	(3)	22.743	153	389333	81.120
68) 2,4-Dinitrophenol	(3)	22.753	184	107009	83.598
69) 4-Nitrophenol	(3)	22.872	109	106282	80.933
71) Dibenzofuran	(3)	23.279	168	582617	81.022
72) 2,4-Dinitrotoluene	(3)	23.170	165	183803	82.231
73) 2,6-Dinitrophenol	(4)	23.605	184	69675	77.409
59) 2,6-Ditertbutylphenol	(3)	21.556	191	243671	78.709
74) Diethylphthalate	(3)	23.901	149	533490	80.337
76) Fluorene	(3)	24.357	166	432149	81.438
75) 4-Chlorophenyl-phenylether	(3)	24.317	204	236144	82.550
77) 4(tert-Octyl)phenol	(4)	24.227	135	715854	79.196
78) 4-Nitroaniline	(3)	24.357	138	126996	82.053
79) 4,6-Dinitro-2-methylphenol	(4)	24.436	198	126891	75.857
80) N-Nitrosodiphenylamine	(4)	24.664	169	318923	78.248
65) 2,4-Ditertbutylphenol	(3)	22.535	191	471973	83.561
81) 1,2-Diphenylhydrazine	(4)	24.812	77	452769	76.697
70) 3,5-Ditertbutylphenol	(3)	22.912	191	355321	84.357
83) 4-Bromophenyl-phenylether	(4)	25.839	248	125795	76.363
84) Hexachlorobenzene	(4)	26.047	284	155935	76.058
85) Atrazine	(4)	26.255	200	225300	75.615
86) Pentachlorophenol	(4)	26.591	266	105313	77.404
87) Phenanthrene-d10	(4)	27.183	188	273937	40.000
88) Phenanthrene	(4)	27.253	178	634232	77.309
89) Anthracene	(4)	27.401	178	646441	76.614
90) Carbazole	(4)	27.806	167	590225	77.939
91) Di-n-butylphthalate	(4)	28.644	149	885316	77.604
92) Fluoranthene	(4)	30.420	202	623372	77.948
93) Pyrene	(5)	31.002	202	649320	79.835
95) Butylbenzylphthalate	(5)	32.433	149	377383	82.146
96) 3,3'-Dichlorobenzidine	(5)	34.090	252	103515	72.263

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb054.d
Injection date and time: 06-FEB-2006 16:21

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

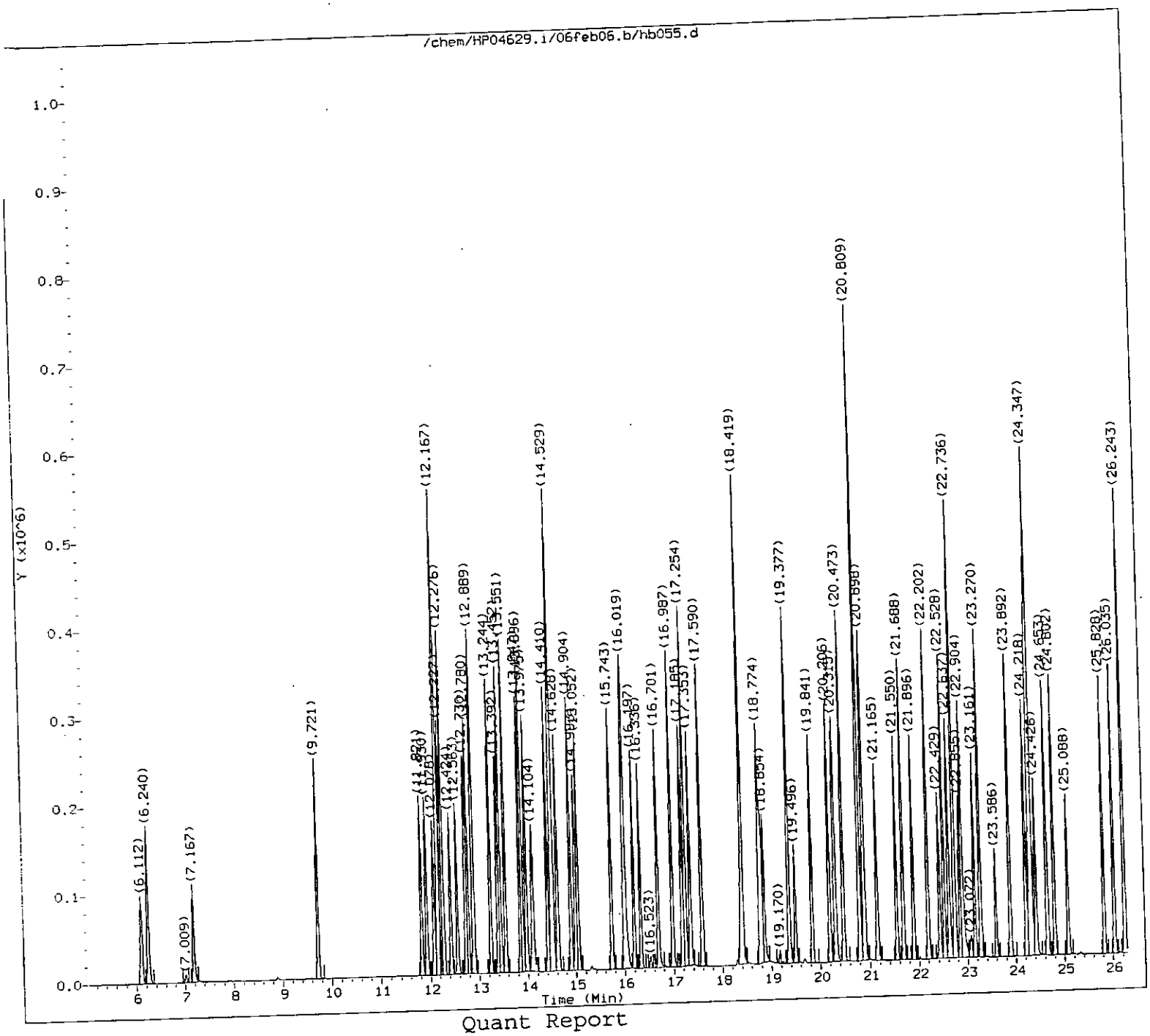
Sample Name: SSTD08016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
97) Benzo(a)anthracene	(5)	34.288	228	510104	79.735
99) Chrysene-d12	(5)	34.328	240	191801	40.000
100) Chrysene	(5)	34.428	228	474458	80.183
98) bis(2-Ethylhexyl)phthalate	(5)	34.060	149	504518	81.464
101) Di-n-octylphthalate	(6)	36.666	149	808987	82.656
102) Benzo(b)fluoranthene	(6)	39.023	252	417791	80.678
103) Benzo(k)fluoranthene	(6)	39.182	252	422973	80.541
104) Benzo(a)pyrene	(6)	40.987	252	383819	79.749
105) Perylene-d12	(6)	41.313	264	150147	40.000
106) Indeno(1,2,3-cd)pyrene	(6)	49.969	276	344146	83.356
107) Dibenz(a,h)anthracene	(6)	50.207	278	338921	82.409
108) Benzo(g,h,i)perylene	(6)	52.712	276	342225	82.379
4) 2-Fluorophenol	(1)	9.731	112	260761	80.494
10) Phenol-d5	(1)	12.197	99	294355	80.512
14) 2-Chlorophenol-d4	(1)	12.741	132	277329	82.073
21) 1,2-Dichlorobenzene-d4	(1)	13.857	152	178147	85.281
32) Nitrobenzene-d5	(2)	15.005	82	264122	80.261
54) 2-Fluorobiphenyl	(3)	20.479	172	473025	81.119
82) 2,4,6-Tribromophenol	(4)	25.099	330	84901	76.883
94) Terphenyl-d14	(5)	31.299	244	374144	80.072

M = Compound was manually integrated.

A = User selected an alternate hit



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

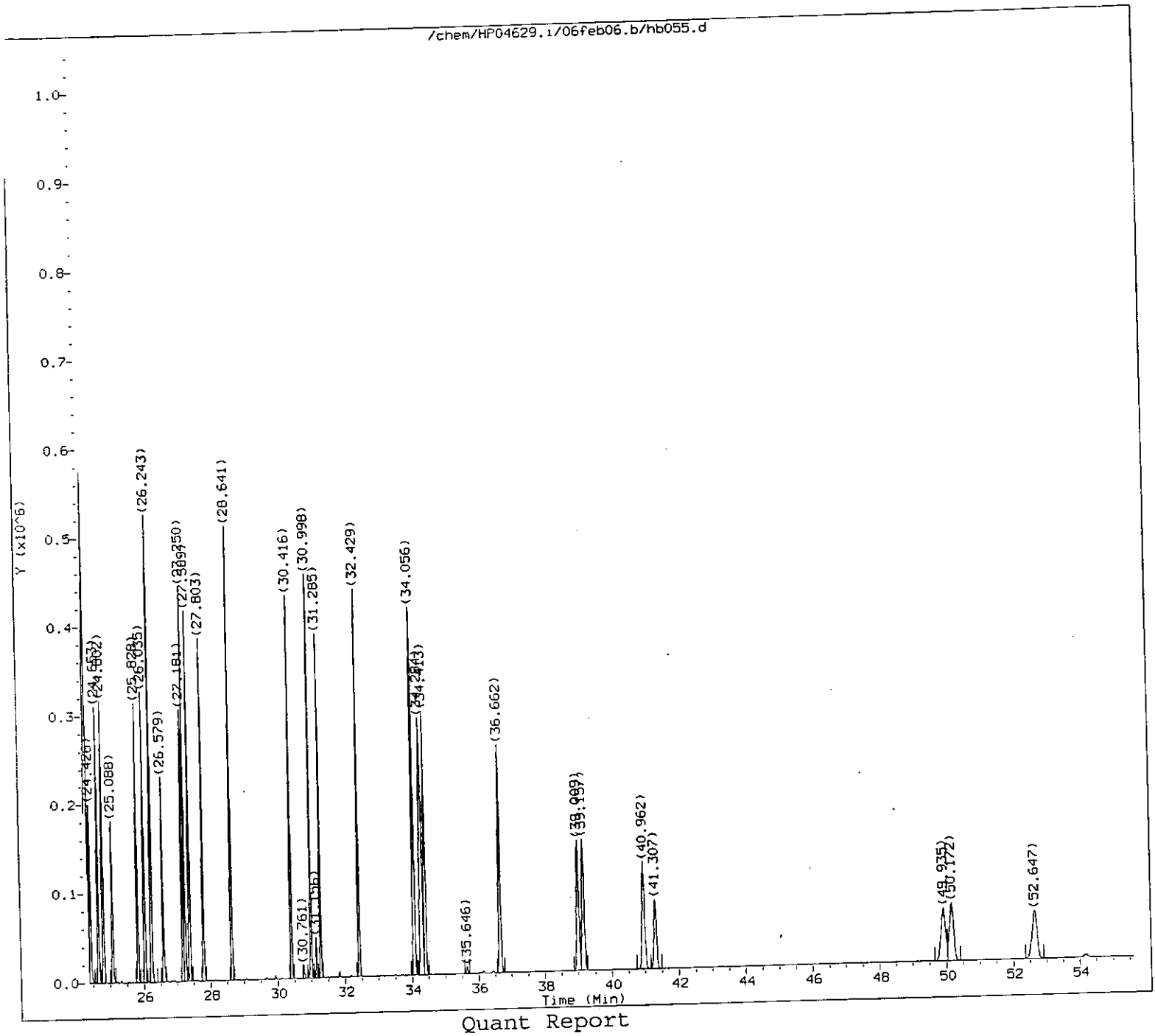
Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

Lab Sample ID: CLP0346

8954

lmh19 02/06/06



Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

Lab Sample ID: CLP0346

8955

lmh1956 02/06/06

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) N-Nitrosodimethylamine	(1)	6.112	74	79039	51.299
2) Pyridine	(1)	6.240	79	131442	50.045
3) N,N-dimethyl formamide	(1)	7.167	73	79008	49.879
5) 2-methylcyclohexanone	(1)	11.821	112	43263	48.294
6) 3-methylcyclohexanone	(1)	11.930	112	43362	51.517
7) 4-methylcyclohexanone	(1)	12.088	112	38607	52.201
8) Benzaldehyde	(1)	12.167	77	174301	55.458
9) 1,3,5-Trimethylbenzene	(1)	12.276	105	284245	49.410
12) Aniline	(1)	12.424	93	155650	50.693
11) Phenol	(1)	12.227	94	194047	51.169
13) bis(2-Chloroethyl)ether	(1)	12.563	93	157364	50.507
15) 2-Chlorophenol	(1)	12.780	128	180941	50.946
16) 1,2,4-Trimethylbenzene	(1)	12.889	105	286878	48.174
17) 1,3-Dichlorobenzene	(1)	13.244	146	186788	50.350
18) 1,4-Dichlorobenzene-d4	(1)	13.392	152	88278	40.000
19) 1,4-Dichlorobenzene	(1)	13.452	146	193194	51.039
20) 1,2,3-Trimethylbenzene	(1)	13.551	105	288585	49.536
22) 1,2-Dichlorobenzene	(1)	13.896	146	180733	50.630
23) 2-Methylphenol	(1)	13.975	108	143292	50.188
24) 2,2'-oxybis(1-Chloropropane)	(1)	14.104	45	159014M	49.850
25) bis(2-Chloroisopropyl)ether	(1)	14.104	45	159014M	49.846
27) Acetophenone	(1)	14.529	105	388139	49.780
28) N-Nitroso-di-n-propylamine	(1)	14.489	70	92560	48.961
29) o-Toluidine	(1)	14.628	106	185185	50.440
26) 4-Methylphenol	(1)	14.410	108	148952	49.738
30) Hexachloroethane	(1)	14.904	117	94011	51.629
33) Nitrobenzene	(2)	15.052	77	156608	51.298
34) Isophorone	(2)	15.743	82	291677	50.394
35) 2-Nitrophenol	(2)	15.999	139	99239	49.800
36) 2,4-Dimethylphenol	(2)	16.019	107	165668	49.429
38) 1-chloro-2-nitro-4(trifluorome	(2)	16.197	179	59155	49.535
37) bis(2-Chloroethoxy)methane	(2)	16.336	93	172348	49.660
39) 2,4-Dichlorophenol	(2)	16.701	162	128921	49.463
40) 1,2,4-Trichlorobenzene	(2)	16.987	180	155897	50.688
41) Naphthalene-d8	(2)	17.185	136	315219	40.000
46) 2-Tertbutylphenol	(2)	18.419	135	164748	49.159
42) Naphthalene	(2)	17.254	128	422433	50.200
43) 4-Chloroaniline	(2)	17.353	127	181009	56.348
44) Hexachlorobutadiene	(2)	17.590	225	91160	49.581
45) Caprolactam	(2)	18.409	113	86327	49.764
47) 4-Chloro-3-methylphenol	(2)	18.774	142	110976	50.341
49) 2-Methylnaphthalene	(2)	19.377	142	270295	49.968
50) Phthalic anhydride	(2)	19.496	104	93163	55.289

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
51) Hexachlorocyclopentadiene	(3)	19.841	237	89212	51.808
52) 2,4,6-Trichlorophenol	(3)	20.206	196	97513	51.518
53) 2,4,5-Trichlorophenol	(3)	20.315	196	106701	50.584
55) 1,1'-Biphenyl	(3)	20.809	154	540521	52.012
56) Diphenyl	(3)	20.809	154	539398	52.008
57) 2-Chloronaphthalene	(3)	20.898	162	259689	51.543
48) 4-Tertbutylphenol	(2)	18.814	135	219852	48.225
58) 2-Nitroaniline	(3)	21.165	65	74552	50.738
60) Dimethylphthalate	(3)	21.688	163	318122	51.102
61) 2,6-Dinitrotoluene	(3)	21.896	165	80052	51.147
62) Acenaphthylene	(3)	22.202	152	391036	51.678
63) 3-Nitroaniline	(3)	22.429	138	79108	55.316
64) Acenaphthene-d10	(3)	22.637	164	159191	40.000
67) Acenaphthene	(3)	22.736	153	233912	51.417
68) 2,4-Dinitrophenol	(3)	22.746	184	54692	45.076
69) 4-Nitrophenol	(3)	22.855	109	61611	49.496
71) Dibenzofuran	(3)	23.270	168	351651	51.592
72) 2,4-Dinitrotoluene	(3)	23.161	165	110309	52.064
73) 2,6-Dinitrophenol	(4)	23.596	184	37258	45.942
59) 2,6-Ditertbutylphenol	(3)	21.550	191	141759	48.308
74) Diethylphthalate	(3)	23.892	149	326748	51.910
76) Fluorene	(3)	24.347	166	259925	51.676
75) 4-Chlorophenyl-phenylether	(3)	24.307	204	139416	51.416
77) 4(tert-Octyl)phenol	(4)	24.218	135	408114	50.112
78) 4-Nitroaniline	(3)	24.347	138	77113	52.562
79) 4,6-Dinitro-2-methylphenol	(4)	24.426	198	75034	49.786
80) N-Nitrosodiphenylamine	(4)	24.653	169	187534	51.068
65) 2,4-Ditertbutylphenol	(3)	22.528	191	276035	51.558
81) 1,2-Diphenylhydrazine	(4)	24.812	77	271716	51.086
70) 3,5-Ditertbutylphenol	(3)	22.904	191	205231	51.403
83) 4-Bromophenyl-phenylether	(4)	25.828	248	73870	49.770
84) Hexachlorobenzene	(4)	26.035	284	95743	51.831
85) Atrazine	(4)	26.243	200	140374	52.289
86) Pentachlorophenol	(4)	26.589	266	61139	49.875
87) Phenanthrene-d10	(4)	27.181	188	246813	40.000
88) Phenanthrene	(4)	27.250	178	374213	50.627
89) Anthracene	(4)	27.399	178	392446	51.623
90) Carbazole	(4)	27.803	167	346957	50.851
91) Di-n-butylphthalate	(4)	28.641	149	532320	51.789
92) Fluoranthene	(4)	30.416	202	373921	51.894
93) Pyrene	(5)	30.998	202	394762	50.367
95) Butylbenzylphthalate	(5)	32.429	149	221584	50.028
96) 3,3'-Dichlorobenzidine	(5)	34.086	252	81428	58.988

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

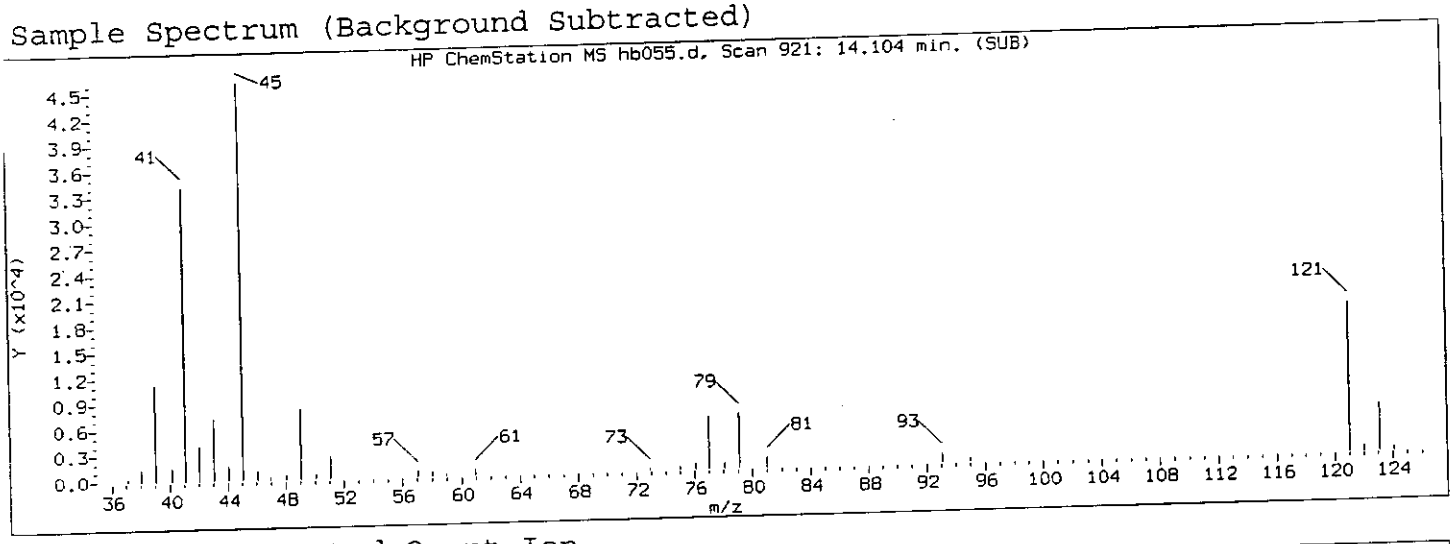
Lab Sample ID: CLP0346

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
97) Benzo(a)anthracene	(5)	34.284	228	306440	49.706
99) Chrysene-d12	(5)	34.324	240	184832	40.000
100) Chrysene	(5)	34.413	228	291692	51.154
98) bis(2-Ethylhexyl)phthalate	(5)	34.056	149	308838	51.748
101) Di-n-octylphthalate	(6)	36.662	149	506905	51.673
102) Benzo(b)fluoranthene	(6)	39.009	252	263928	50.849
103) Benzo(k)fluoranthene	(6)	39.157	252	263856	50.127
104) Benzo(a)pyrene	(6)	40.962	252	244175	50.657
105) Perylene-d12	(6)	41.297	264	150493	40.000
106) Indeno(1,2,3-cd)pyrene	(6)	49.935	276	217444	52.546
107) Dibenz(a,h)anthracene	(6)	50.182	278	213849	51.878
108) Benzo(g,h,i)perylene	(6)	52.677	276	220487	52.953
4) 2-Fluorophenol	(1)	9.721	112	165395	51.536
10) Phenol-d5	(1)	12.187	99	182811	50.473
14) 2-Chlorophenol-d4	(1)	12.730	132	170039	50.795
21) 1,2-Dichlorobenzene-d4	(1)	13.847	152	110331	51.135
32) Nitrobenzene-d5	(2)	14.993	82	157349	49.823
54) 2-Fluorobiphenyl	(3)	20.473	172	281063	50.832
82) 2,4,6-Tribromophenol	(4)	25.088	330	51581	51.842
94) Terphenyl-d14	(5)	31.295	244	226357	50.270

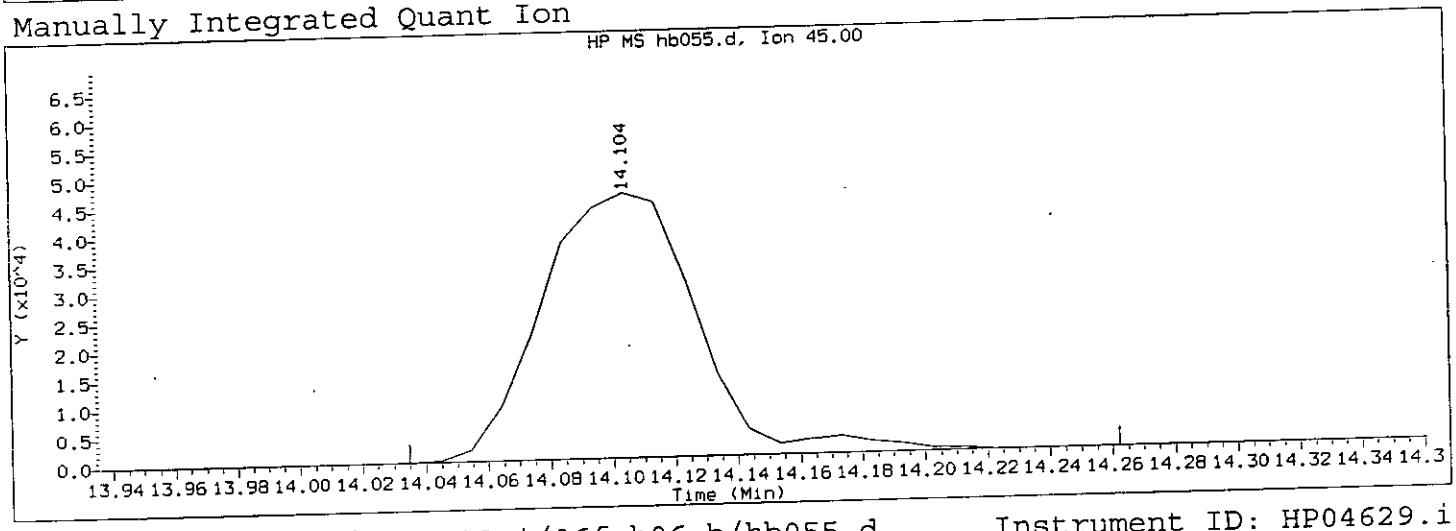
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

Lab Sample ID: CLP0346

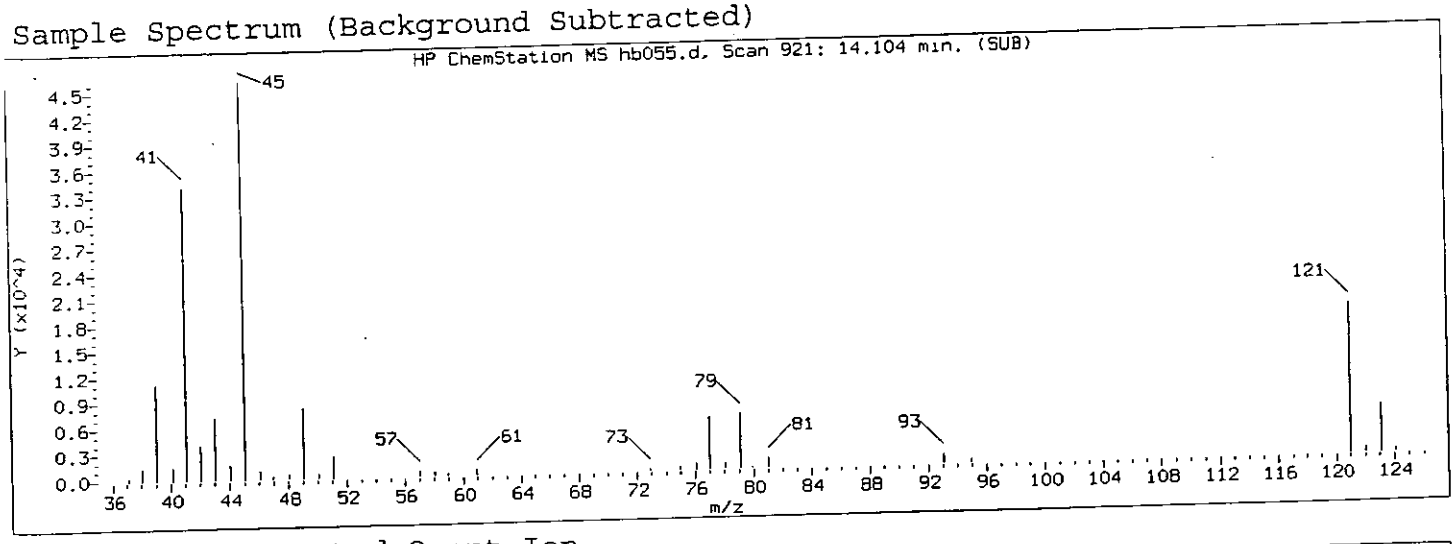
Compound Number : 24
Compound Name : 2,2'-oxybis(1-Chloropropane)
Scan Number : 921
Retention Time (minutes): 14.104
Quant Ion : 45
Area (flag) : 159014 M
Concentration (2ng/ul) : 49.8503
Integration start scan : 913 Integration stop scan: 936
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

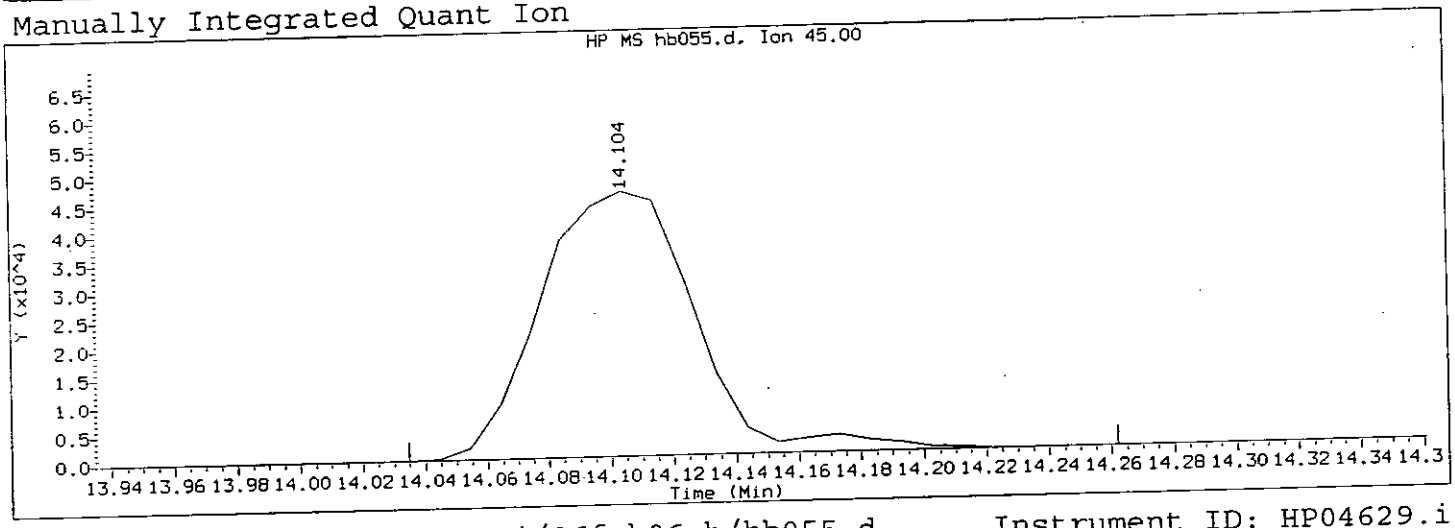
Analyst responsible for change: LMH 19 for 02/06/06

GC/MS audit/management approval: Cmm 412 2/7/06 0959

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP04629.i/06feb06.b/hb055.d
Injection date and time: 06-FEB-2006 17:23

Instrument ID: HP04629.i
Analyst ID: rpb01568

Method used: /chem/HP04629.i/06feb06.b/clp.m
Calibration date and time: 06-FEB-2006 19:19

Sublist used: all

Date, time and analyst ID of latest file update: 06-Feb-2006 19:19 lmh00956

Sample Name: SSTD05016

Lab Sample ID: CLP0346

Compound Number : 25
Compound Name : bis(2-Chloroisopropyl)ether
Scan Number : 921
Retention Time (minutes): 14.104
Quant Ion : 45
Area (flag) : 159014 M
Concentration (2ng/ul) : 49.8463
Integration start scan : 913 Integration stop scan: 936
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 02/06/06

GC/MS audit/management approval: CMR/412 2/7/06

Manual Integration Report for data file /chem/HP04629.i/06feb06.b/hb055.d, generated on 02/06/2006 at 19:19

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP04629 Calibration Date: 02/06/06 Time: 21:57

Lab File ID: hb061.d Init. Calib. Date(s): 02/06/06 02/06/06

Init. Calib. Times(s): 13:13 17:23

	COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D	
	N-Nitrosodimethylamine	0.698	0.686		-2		
	Pyridine	1.190	1.158		-3		
	N,N-dimethyl formamide	0.718	0.703		-2		
	2-methylcyclohexanone	0.406	0.397		-2		
	3-methylcyclohexanone	0.381	0.390		2		
	4-methylcyclohexanone	0.335	0.354		6		
	Benzaldehyde	1.424	1.605		13		
	1,3,5-Trimethylbenzene	2.607	2.537		-3		
	Aniline	1.391	1.416		2		
*	Phenol	1.718	1.712	0.800	0	25	*
*	bis(2-Chloroethyl)ether	1.412	1.420	0.700	0	25	*
*	2-Chlorophenol	1.609	1.649	0.800	2	25	*
	1,2,4-Trimethylbenzene	2.698	2.632		-2		
*	1,3-Dichlorobenzene	1.681	1.745	0.600	4	25	*
*	1,4-Dichlorobenzene	1.715	1.739	0.500	1	25	*
	1,2,3-Trimethylbenzene	2.640	2.630		0		
*	1,2-Dichlorobenzene	1.617	1.665	0.400	3	25	*
*	2-Methylphenol	1.294	1.317	0.700	2	25	*
	2,2'-oxybis(1-Chloropropane)	1.445	1.474		2		
	bis(2-Chloroisopropyl)ether	1.445	1.474		2		
	Acetophenone	3.533	3.697		5		
*	N-Nitroso-di-n-propylamine	0.856	0.868	0.500	1	25	*
	o-Toluidine	1.664	1.696		2		
*	4-Methylphenol	1.357	1.388	0.600	2	25	*
*	Hexachloroethane	0.825	0.867	0.300	5	25	*
*	Nitrobenzene	0.387	0.394	0.200	2	25	*
*	Isophorone	0.734	0.764	0.400	4	25	*
*	2-Nitrophenol	0.253	0.261	0.100	3	25	*
*	2,4-Dimethylphenol	0.425	0.455	0.200	7	25	*
	1-chloro-2-nitro-4(trifluorome	0.152	0.151		0		
*	bis(2-Chloroethoxy)methane	0.440	0.462	0.300	5	25	*
*	2,4-Dichlorophenol	0.331	0.341	0.200	3	25	*
*	1,2,4-Trichlorobenzene	0.390	0.397	0.200	2	25	*
	2-Tertbutylphenol	0.425	0.416		-2		
*	Naphthalene	1.068	1.103	0.700	3	25	*
	4-Chloroaniline	0.408	0.462		13		

8961

Lm19850 02/06/06

All other compounds must meet a minimum RRF of 0.010.

FORM VII SV-1 OLM03.0