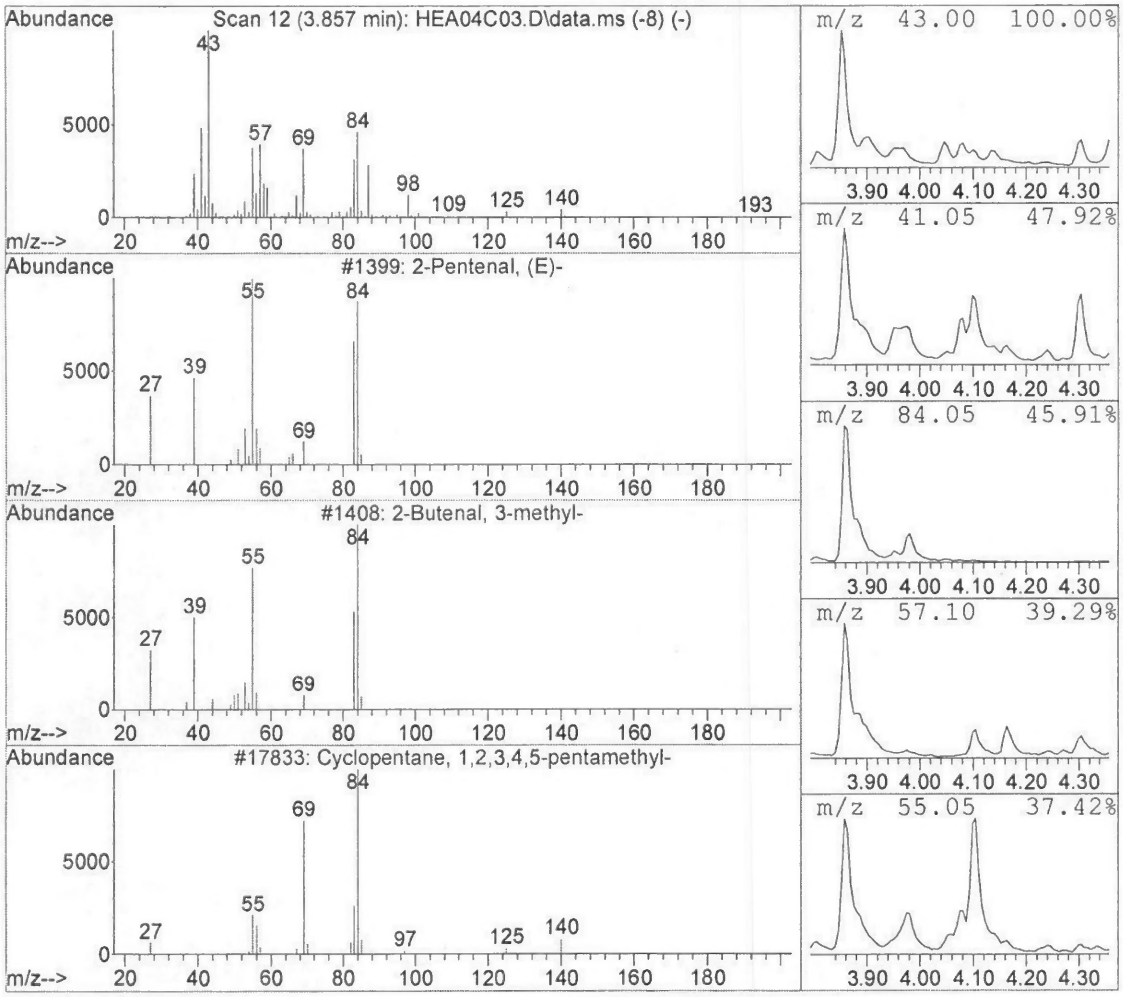
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA04C03.D Vial: 4
Acq On : 11/10/2011 11:54 Operator: RAH
Sample : 1130805003 E3PP1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.86	9.59 ug/ml	594964	1,4-Dichlorobenzene-d4	1241381

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Pentenal, (E)-	1399	001576-87-0	45.00
2	2-Butenal, 3-methyl-	1408	000107-86-8	38.00
3	Cyclopentane, 1,2,3,4,5-pentamethyl	17833	1000152-79-7	35.00
4	1-Butene, 3,3-dimethyl-	1499	000558-37-2	35.00
5	2-Butene, 2,3-dimethyl-	1497	000563-79-1	30.00



003341

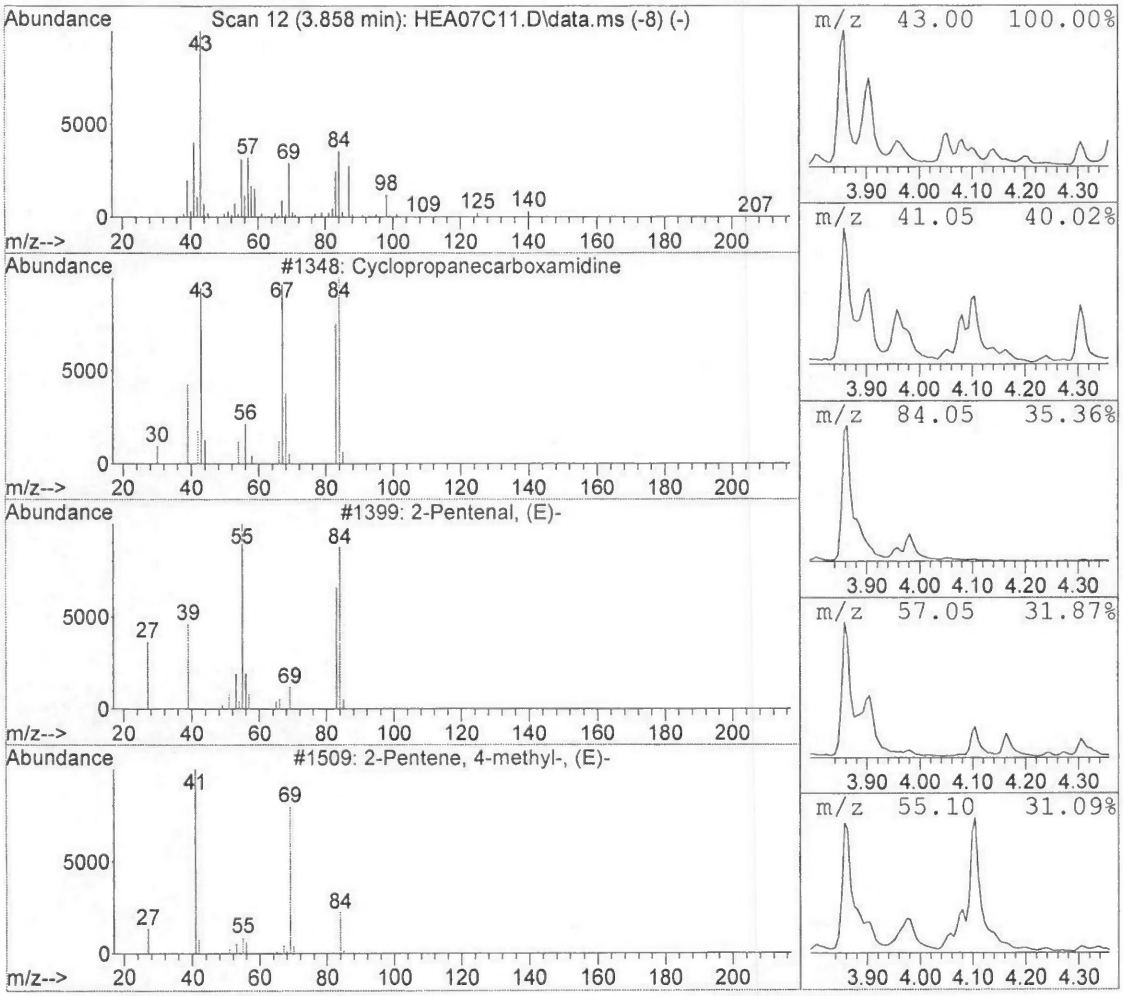
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA07C11.D Vial: 7
Acq On : 11/10/2011 13:40 Operator: RAH
Sample : 1130805011 E3PQ1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.86	12.98 ug/ml	660045	1,4-Dichlorobenzene-d4	1017391

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Cyclopropanecarboxamidine	1348	054070-74-5	38.00
2	2-Pentenal, (E)-	1399	001576-87-0	30.00
3	2-Pentene, 4-methyl-, (E)-	1509	000674-76-0	18.00
* 4	2-Butenal, 3-methyl-	1408	000107-86-8	18.00
5	2-Butene, 2,3-dimethyl-	1496	000563-79-1	18.00



00549

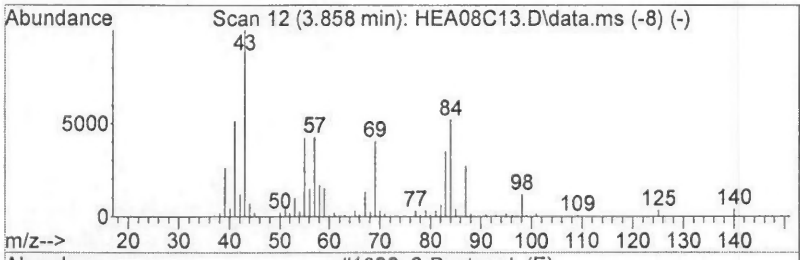
Library Search Compound Report

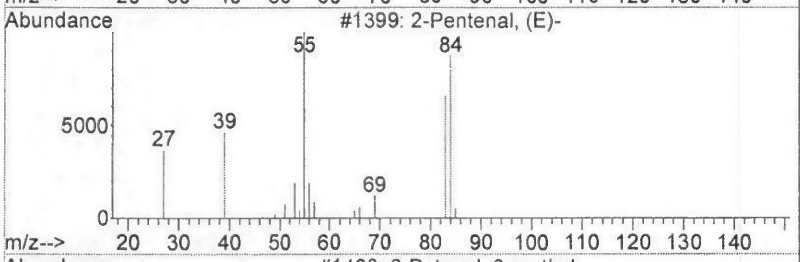
Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

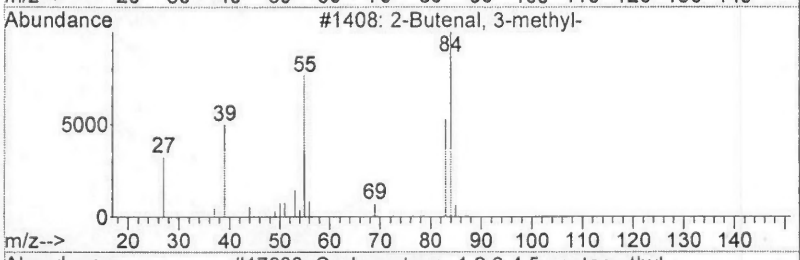
Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

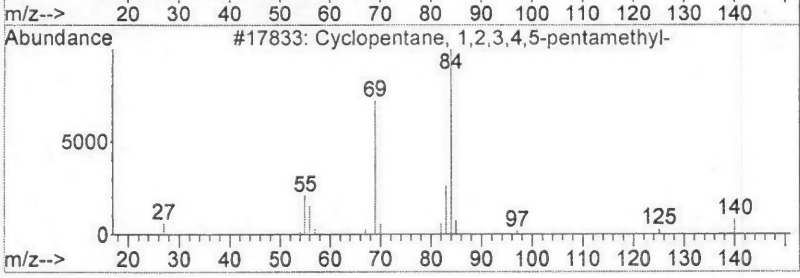
R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.86	20.15 ug/ml	983346	1,4-Dichlorobenzene-d4	976248

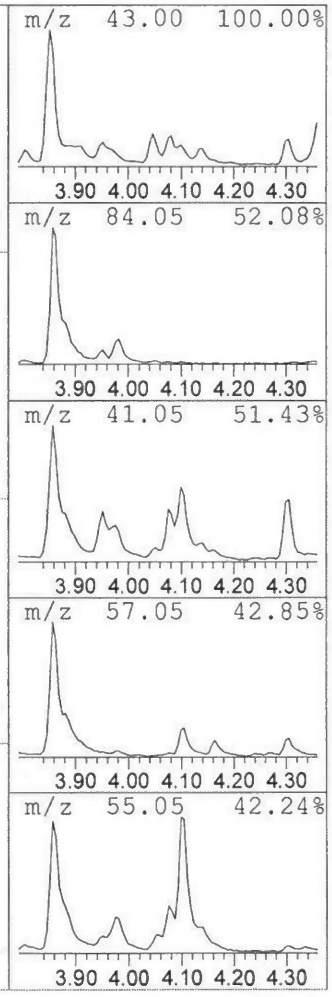
Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Pentenal, (E)-	1399	001576-87-0	45.00
* 2	2-Butenal, 3-methyl-	1408	000107-86-8	43.00
3	Cyclopentane, 1,2,3,4,5-pentamethyl	17833	1000152-79-7	38.00
* 4	Cyclopropanecarboxamidine	1348	054070-74-5	38.00
* 5	Furan, 2,3-dihydro-5-methyl-	1437	001487-15-6	38.00











Library Search Compound Report

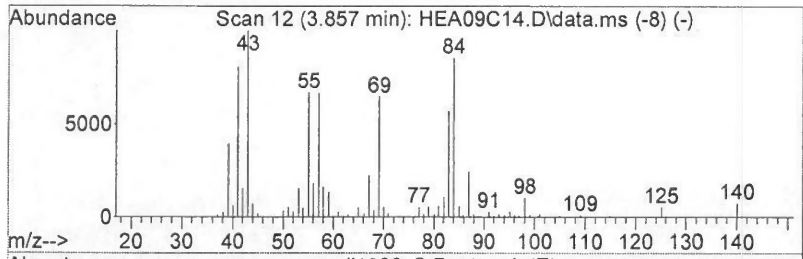
Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D
Acq On : 11/10/2011 14:50
Sample : 1130805014 E3PR8
Misc : . SOIL SOMO
MS Integration Params: RTEINT.P

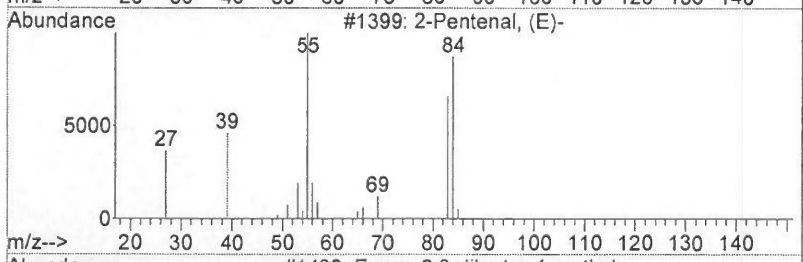
Vial: 9
Operator: RAH
Inst : 5975-H
Injection volume : 1uL

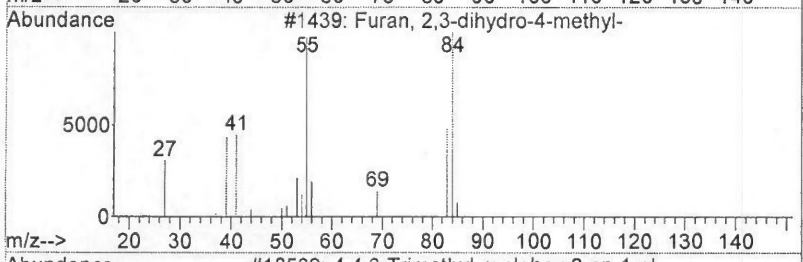
Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

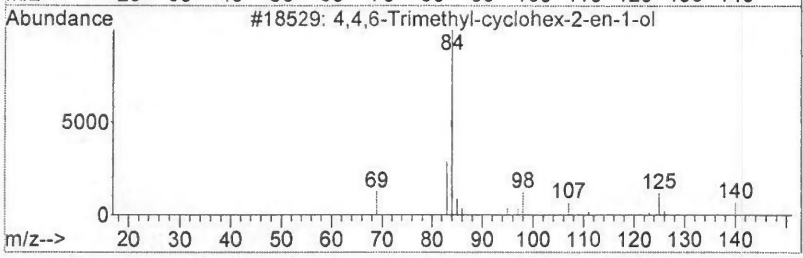
R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.86	8.36 ug/ml	447821	1,4-Dichlorobenzene-d4	1071875

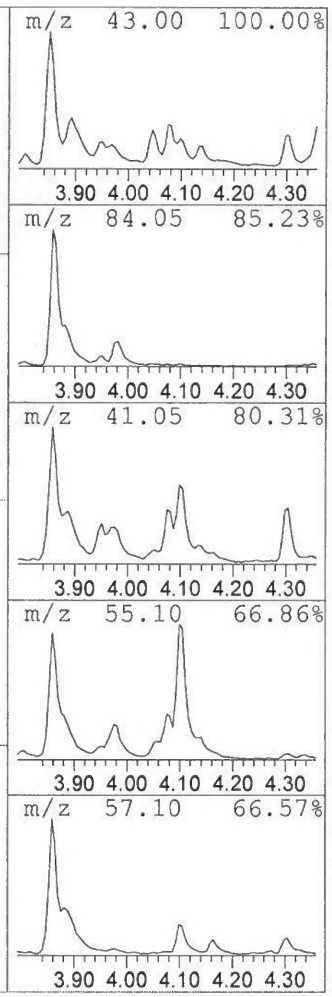
Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Pentenal, (E)-	1399	001576-87-0	70.00
* 2	Furan, 2,3-dihydro-4-methyl-	1439	034314-83-5	53.00
3	4,4,6-Trimethyl-cyclohex-2-en-1-ol	18529	1000144-64-7	47.00
* 4	2-Butenal, 3-methyl-	1408	000107-86-8	43.00
5	Furan, 2,3-dihydro-5-methyl-	1437	001487-15-6	38.00











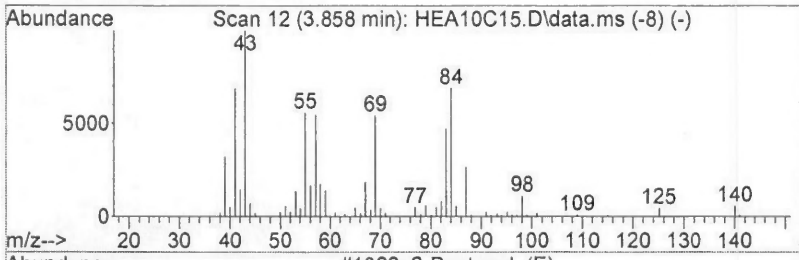
Library Search Compound Report

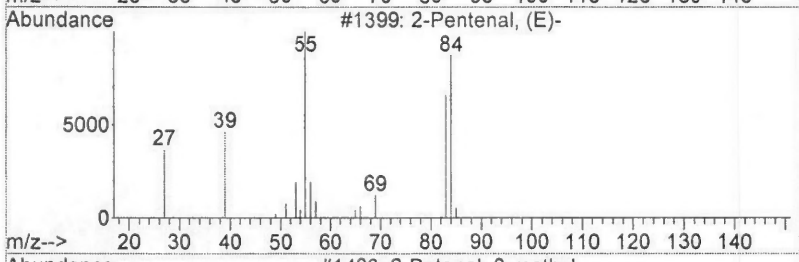
Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

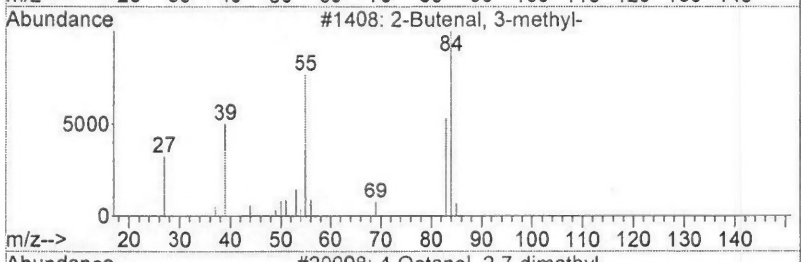
Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

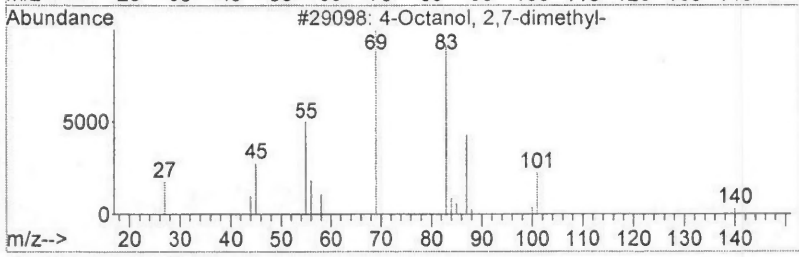
R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.86	7.52 ug/ml	390044	1,4-Dichlorobenzene-d4	1037082

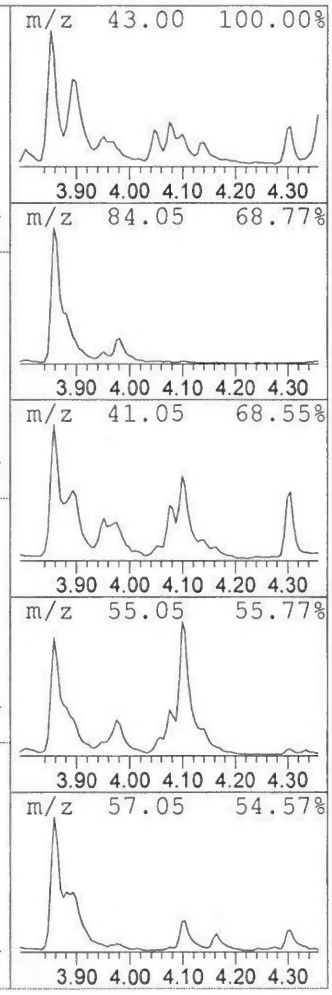
Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Pentenal, (E)-	1399	001576-87-0	49.00
2	2-Butenal, 3-methyl-	1408	000107-86-8	49.00
3	4-Octanol, 2,7-dimethyl-	29098	019781-11-4	38.00
4	Cyclopentane, 1,2,3,4,5-pentamethyl	17833	1000152-79-7	35.00
5	2-Dodecenal, (E)-	46008	020407-84-5	35.00











00661

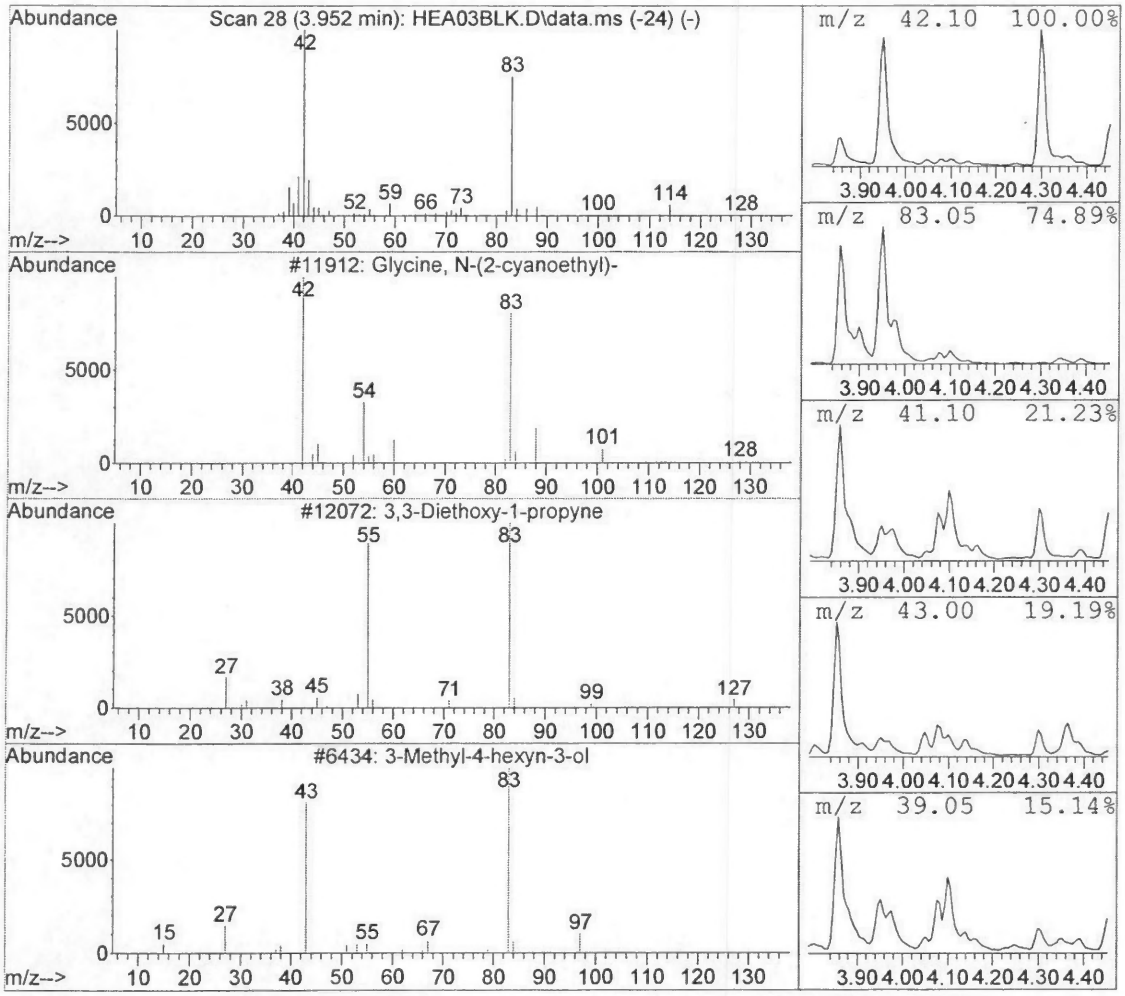
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.95	6.85 ug/ml	426226	1,4-Dichlorobenzene-d4	1244497

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Glycine, N-(2-cyanoethyl)-	11912	003088-42-4	40.00
2	3,3-Diethoxy-1-propyne	12072	010160-87-9	16.00
3	3-Methyl-4-hexyn-3-ol	6434	006320-68-9	12.00
* 4	3-Aminopyrazole	1270	001820-80-0	9.00
* 5	1-Methyl-1H-1,2,4-triazole	1275	006086-21-1	9.00



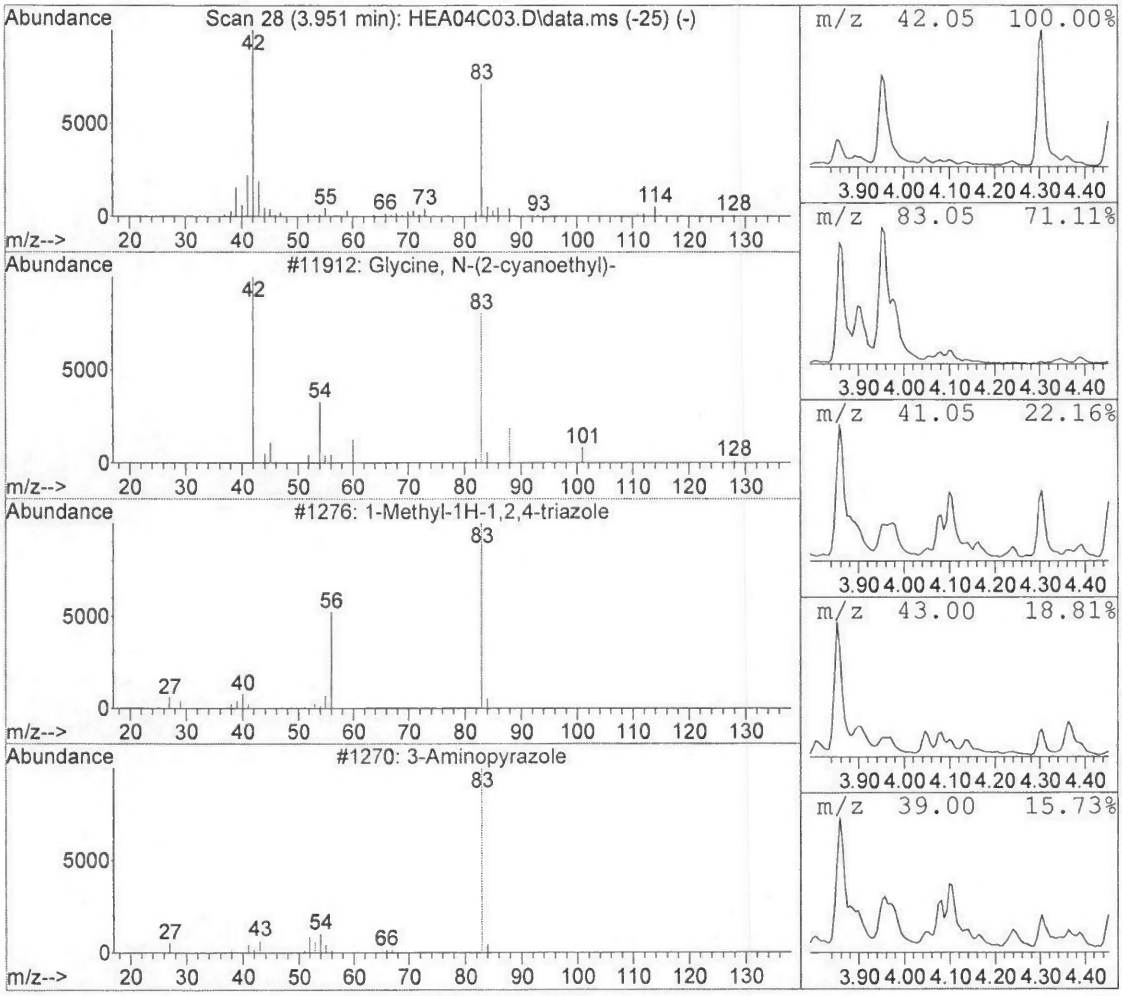
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA04C03.D Vial: 4
Acq On : 11/10/2011 11:54 Operator: RAH
Sample : 1130805003 E3PP1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.95	4.85 ug/ml	300986	1,4-Dichlorobenzene-d4	1241381

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Glycine, N-(2-cyanoethyl)-	11912	003088-42-4	25.00
2	1-Methyl-1H-1,2,4-triazole	1276	006086-21-1	10.00
3	3-Aminopyrazole	1270	001820-80-0	9.00
4	3-Butenoic acid, ethyl ester	7167	001617-18-1	9.00
5	1H-1,2,4-Triazole, 3-methyl-	1278	007170-01-6	9.00



00342

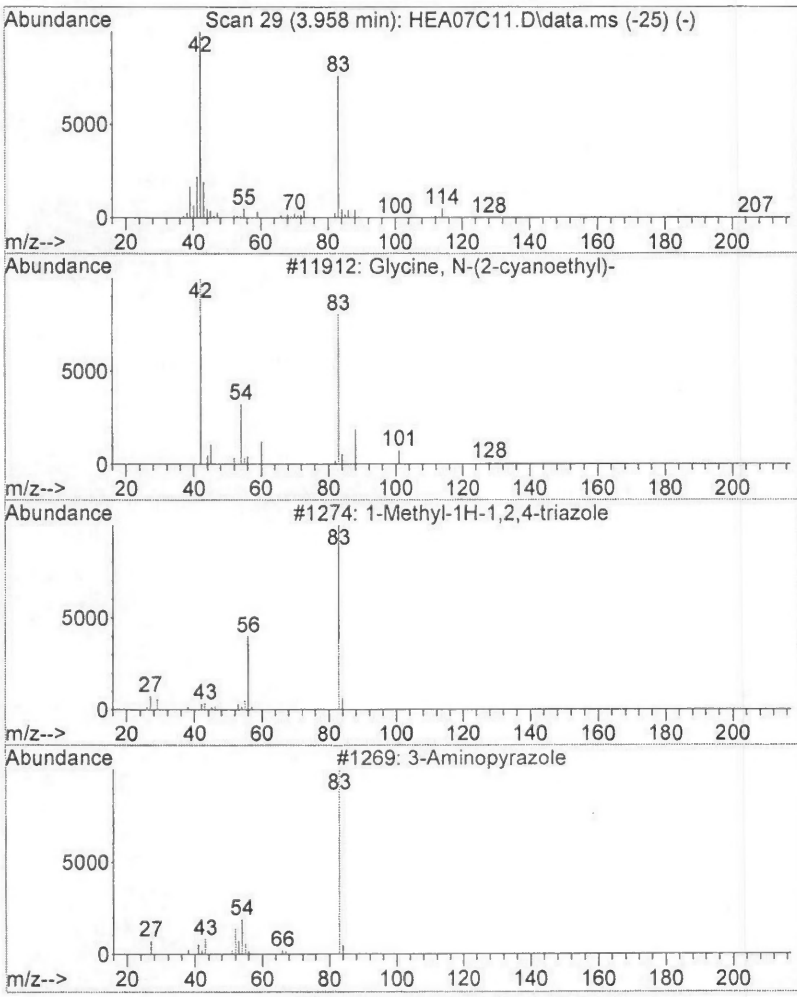
Library Search Compound Report

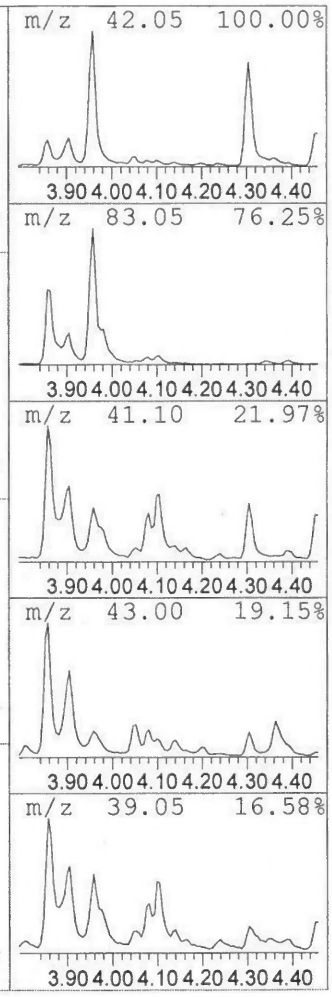
Data File : C:\msdchem\1\data\E3PN9\HEA07C11.D Vial: 7
Acq On : 11/10/2011 13:40 Operator: RAH
Sample : 1130805011 E3PQ1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.96	7.81 ug/ml	397528	1,4-Dichlorobenzene-d4	1017391

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Glycine, N-(2-cyanoethyl)-	11912	003088-42-4	40.00
2	1-Methyl-1H-1,2,4-triazole	1274	006086-21-1	25.00
3	3-Aminopyrazole	1269	001820-80-0	9.00
4	3,3-Diethoxy-1-propyne	12075	010160-87-9	9.00
5	1H-1,2,4-Triazole, 3-methyl-	1278	007170-01-6	9.00





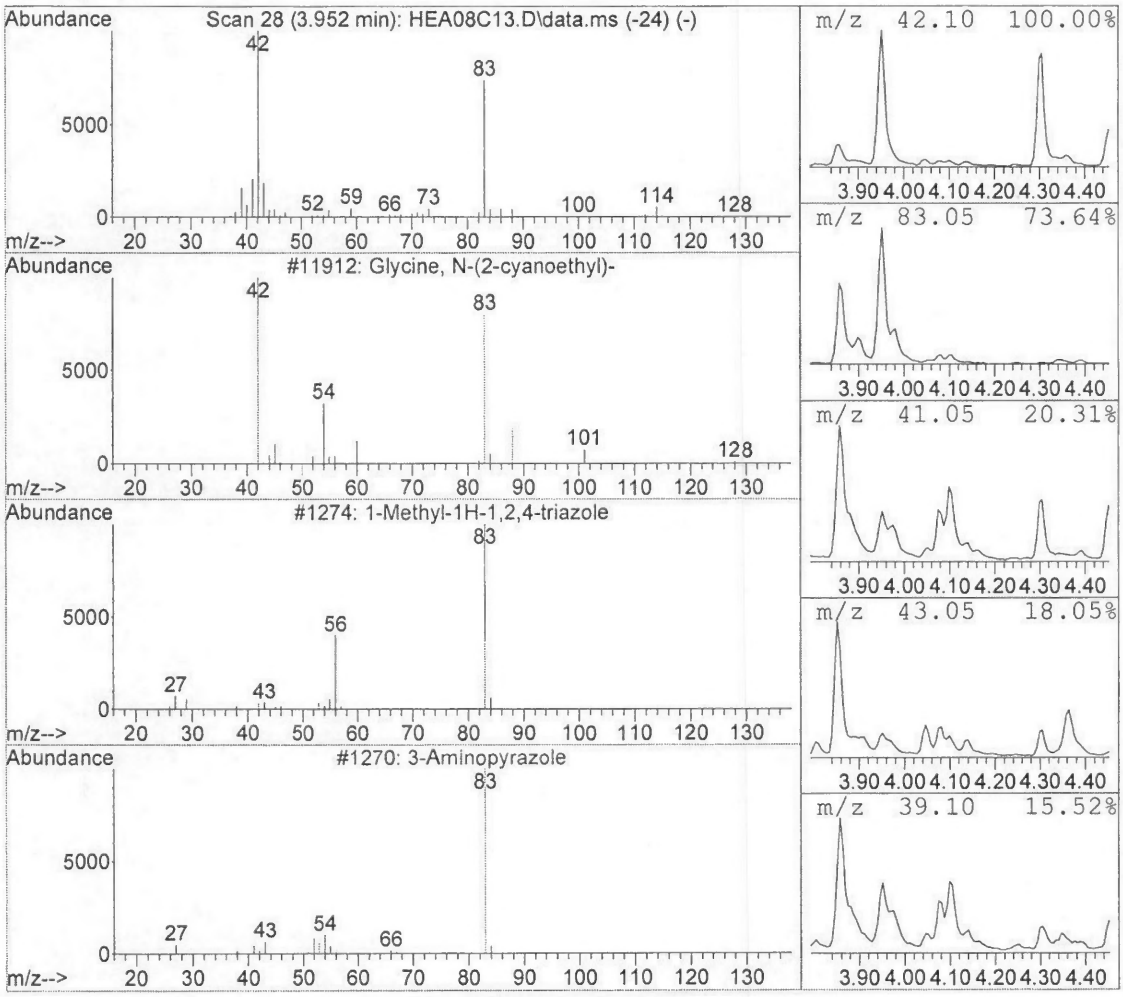
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.95	8.16 ug/ml	398084	1,4-Dichlorobenzene-d4	976248

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Glycine, N-(2-cyanoethyl)-	11912	003088-42-4	40.00
2	1-Methyl-1H-1,2,4-triazole	1274	006086-21-1	25.00
3	3-Aminopyrazole	1270	001820-80-0	9.00
4	1H-1,2,4-Triazole, 3-methyl-	1278	007170-01-6	9.00
5	3-Methyl-4-hexyn-3-ol	6434	006320-68-9	9.00



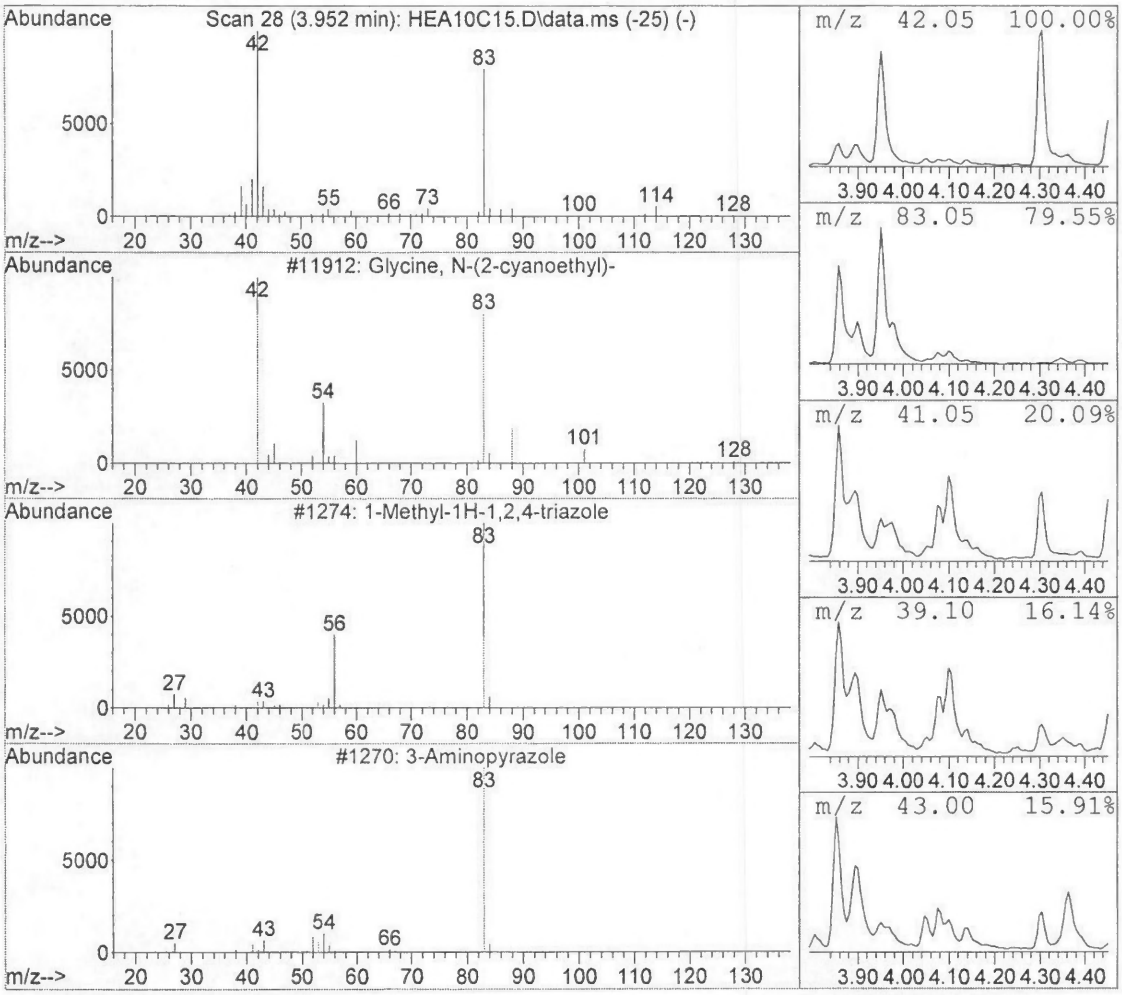
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
3.95	5.21 ug/ml	270110	1,4-Dichlorobenzene-d4	1037082

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Glycine, N-(2-cyanoethyl)-	11912	003088-42-4	40.00
2	1-Methyl-1H-1,2,4-triazole	1274	006086-21-1	25.00
3	3-Aminopyrazole	1270	001820-80-0	9.00
4	3,3-Diethoxy-1-propyne	12072	010160-87-9	9.00
5	Propanenitrile, 3,3'-iminobis-	10009	000111-94-4	9.00



00563

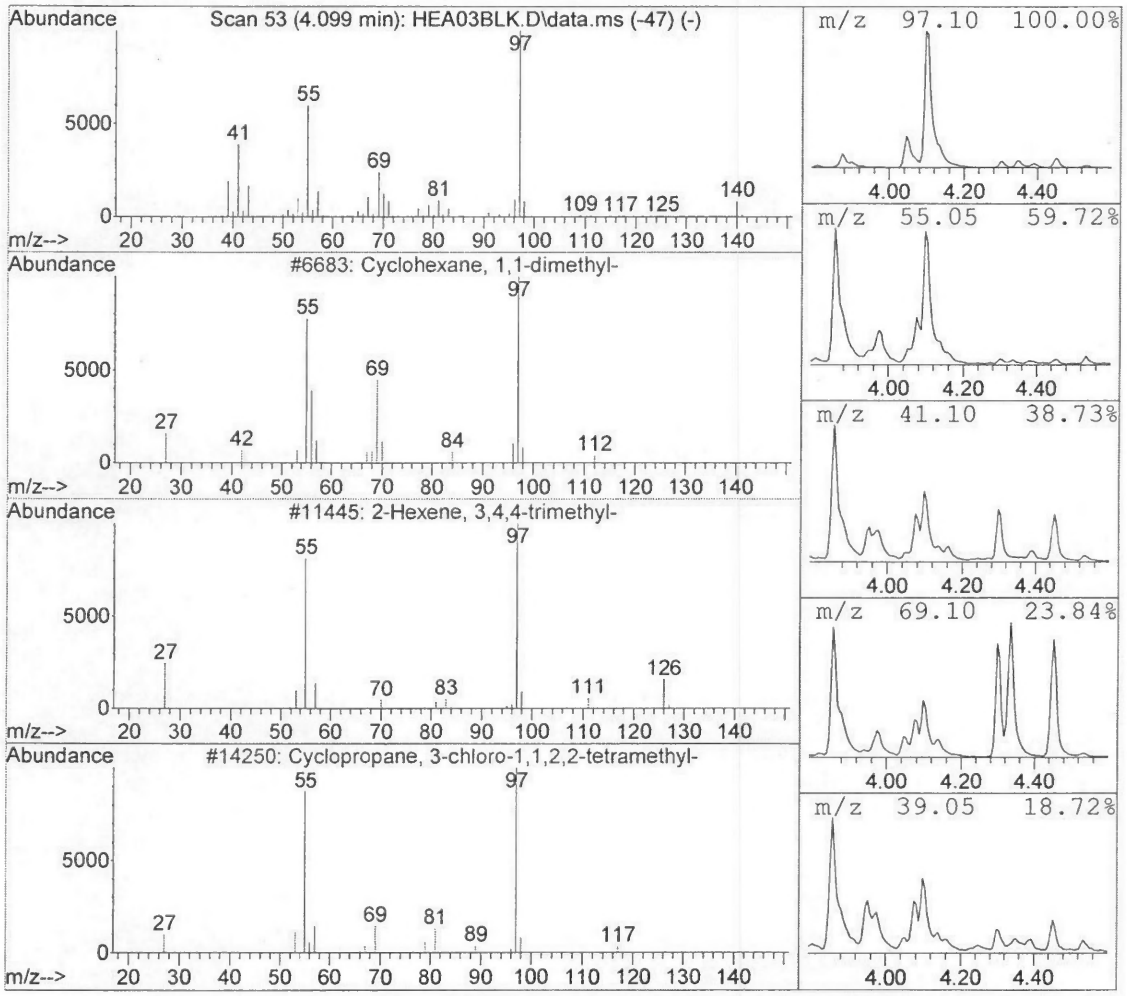
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.10	7.94 ug/ml	494266	1,4-Dichlorobenzene-d4	1244497

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	6683	000590-66-9	64.00
2	2-Hexene, 3,4,4-trimethyl-	11445	053941-19-8	59.00
3	Cyclopropane, 3-chloro-1,1,2,2-tetr	14250	014123-41-2	59.00
* 4	Oxazole, 4,5-dimethyl-	2938	020662-83-3	59.00
* 5	Cyclohexane, 1-methyl-2-propyl-	17814	004291-79-6	59.00



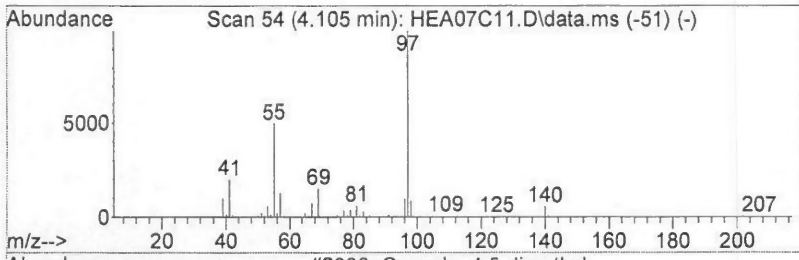
Library Search Compound Report

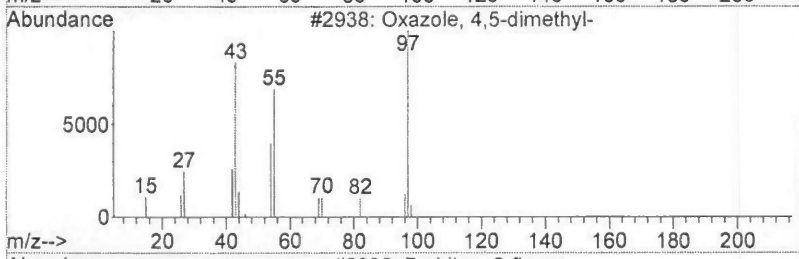
Data File : C:\msdchem\1\data\E3PN9\HEA07C11.D Vial: 7
Acq On : 11/10/2011 13:40 Operator: RAH
Sample : 1130805011 E3PQ1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

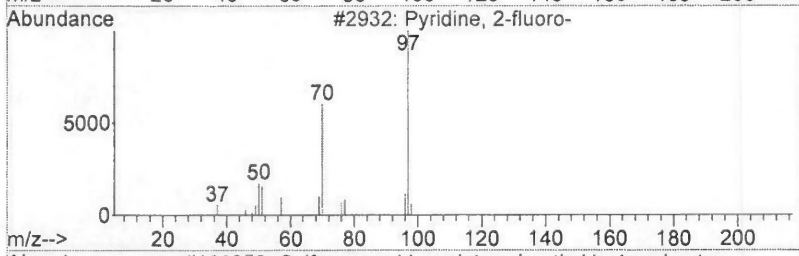
Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

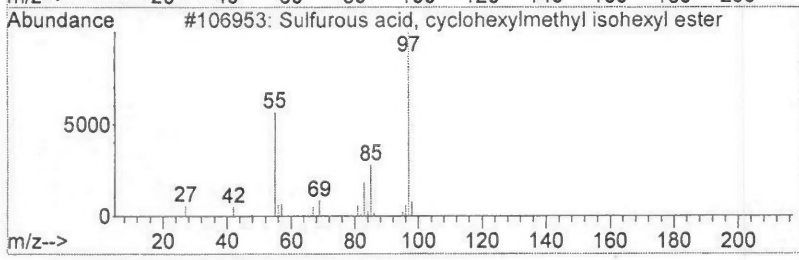
R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.10	3.76 ug/ml	191201	1,4-Dichlorobenzene-d4	1017391

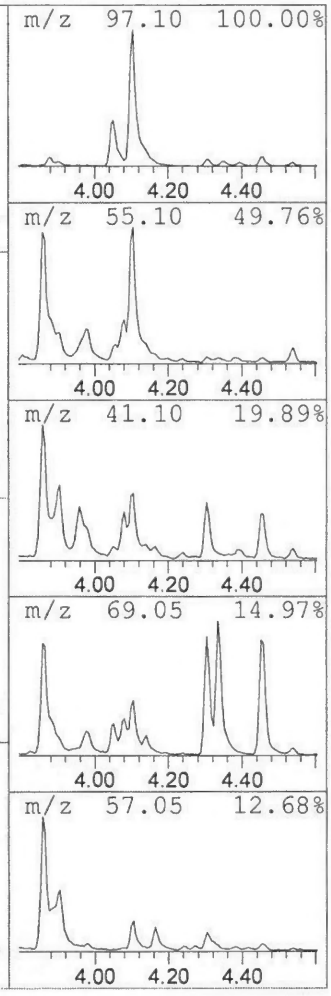
Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Oxazole, 4,5-dimethyl-	2938	020662-83-3	64.00
2	Pyridine, 2-fluoro-	2932	000372-48-5	64.00
3	Sulfurous acid, cyclohexylmethyl is	106953	1000309-21-5	56.00
* 4	Cyclohexane, 1-methyl-2-propyl-	17814	004291-79-6	50.00
5	Sulfurous acid, di(cyclohexylmethyl	116530	1000309-22-7	50.00











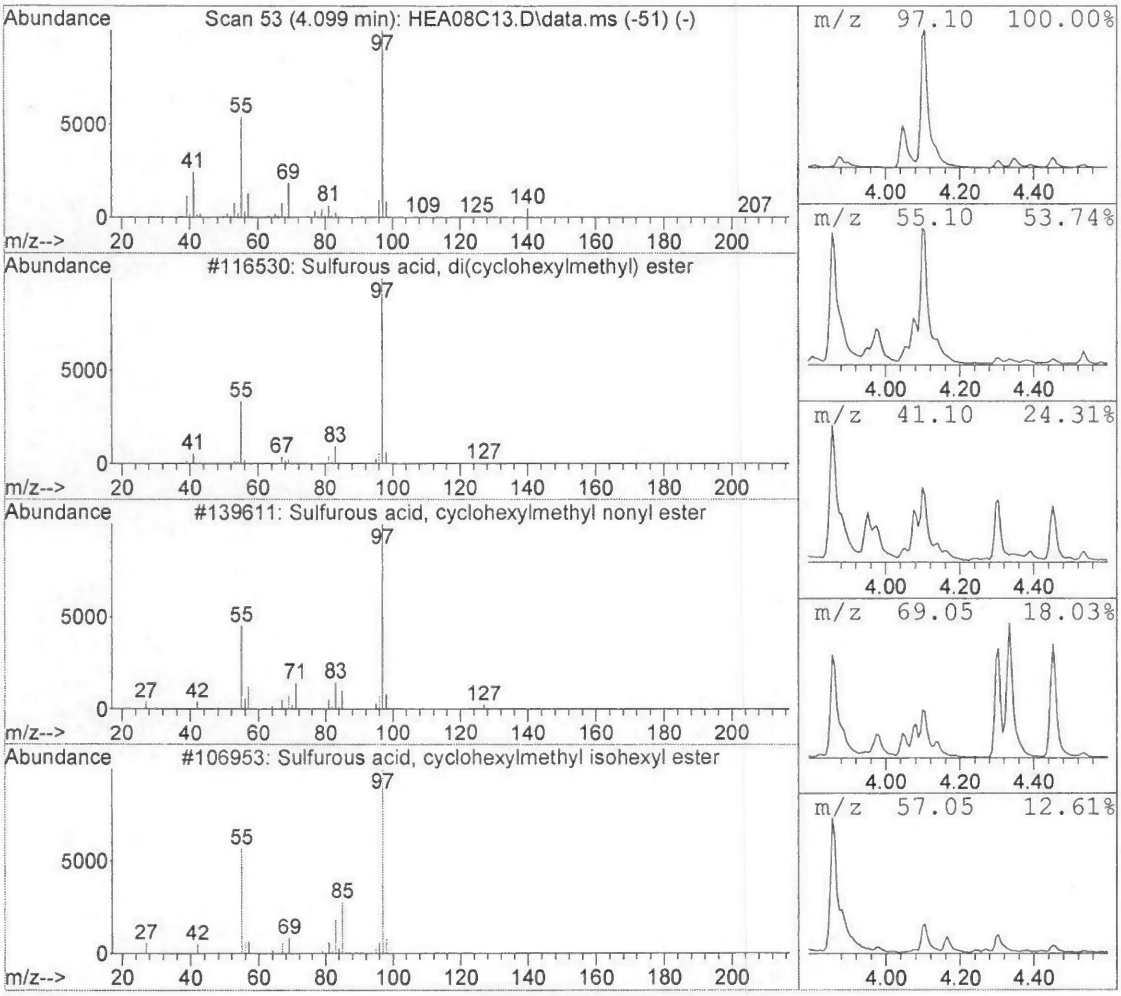
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.10	3.82 ug/ml	186563	1,4-Dichlorobenzene-d4	976248

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Sulfurous acid, di(cyclohexylmethyl	116530	1000309-22-7	59.00
2	Sulfurous acid, cyclohexylmethyl no	139611	1000309-21-8	56.00
3	Sulfurous acid, cyclohexylmethyl is	106953	1000309-21-5	50.00
4	3-Pentenoic acid, 2,2,4-trimethyl-	19513	004177-03-1	50.00
5	Cyclohexane, 1-methyl-2-propyl-	17814	004291-79-6	45.00



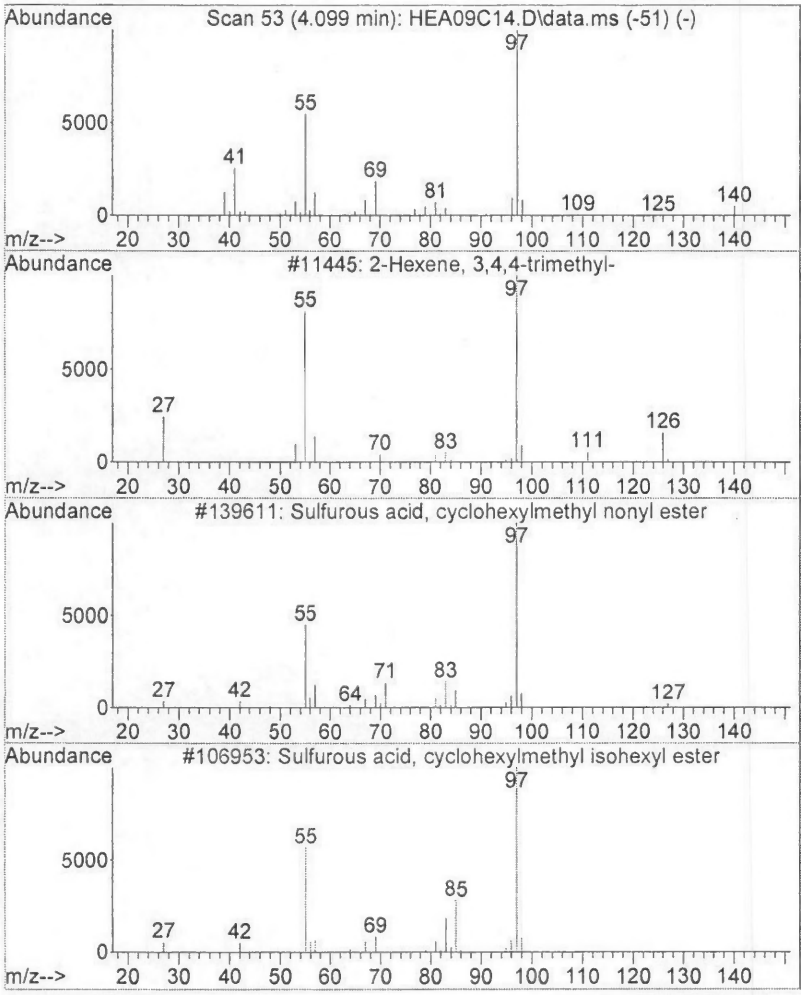
Library Search Compound Report

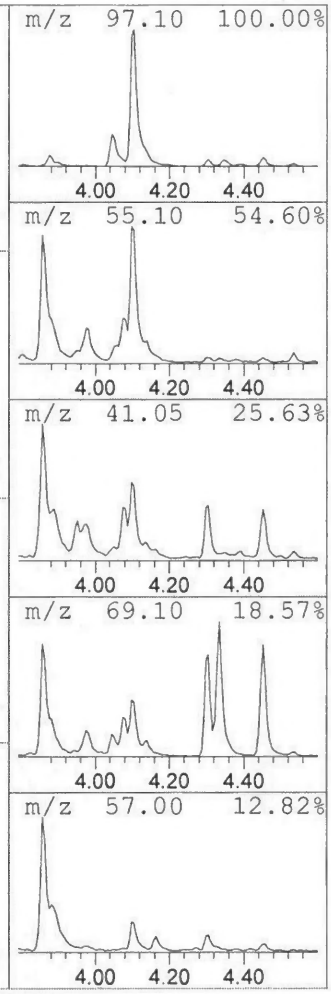
Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D Vial: 9
Acq On : 11/10/2011 14:50 Operator: RAH
Sample : 1130805014 E3PR8 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.10	3.56 ug/ml	190673	1,4-Dichlorobenzene-d4	1071875

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	2-Hexene, 3,4,4-trimethyl-	11445	053941-19-8	64.00
2	Sulfurous acid, cyclohexylmethyl no	139611	1000309-21-8	56.00
3	Sulfurous acid, cyclohexylmethyl is	106953	1000309-21-5	50.00
* 4	Cyclohexane, 1-methyl-2-propyl-	17814	004291-79-6	50.00
* 5	Cyclohexane, 1,1-dimethyl-	6683	000590-66-9	50.00





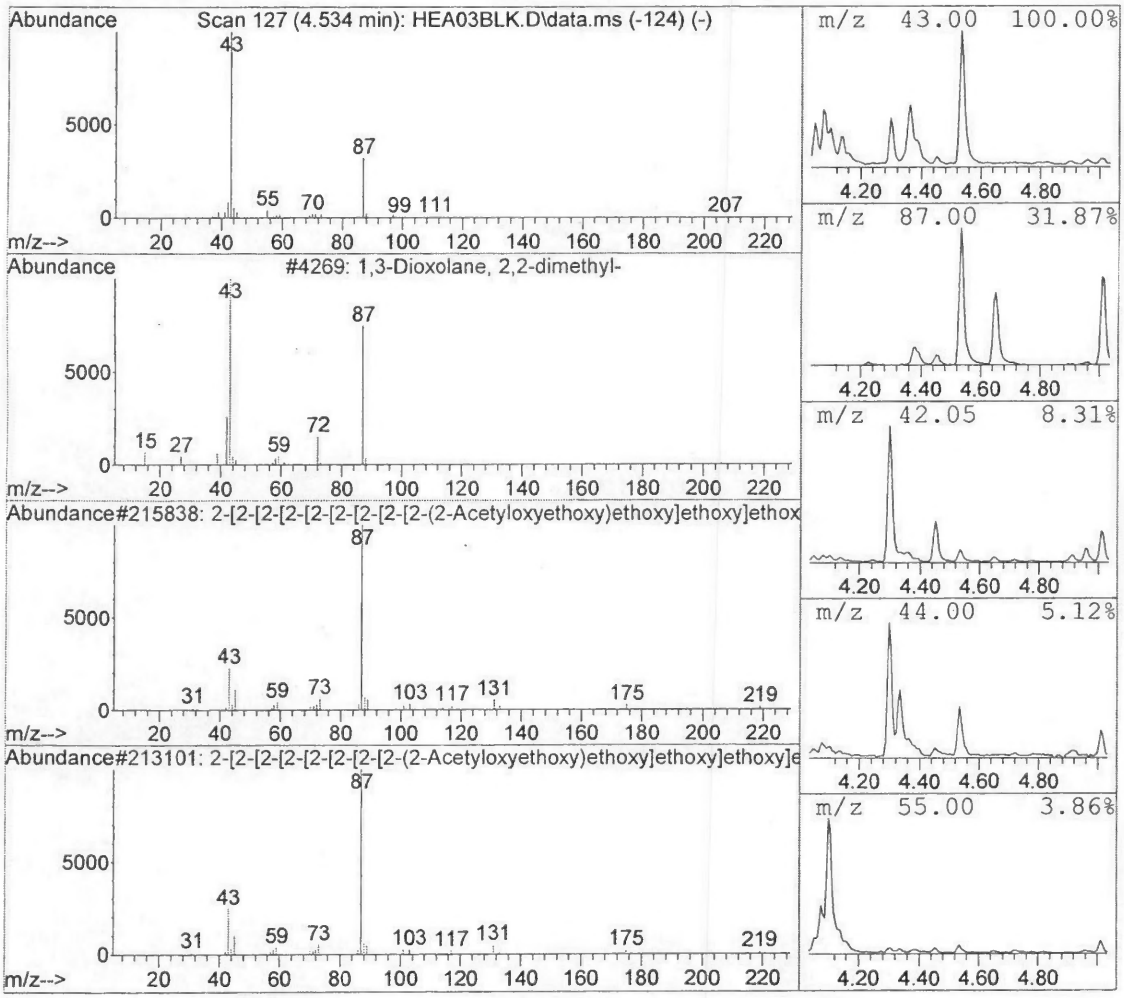
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.53	2.48 ug/ml	154440	1,4-Dichlorobenzene-d4	1244497

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	1,3-Dioxolane, 2,2-dimethyl-	4269	002916-31-6	25.00
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Acetyl	215838	1000351-90-4	17.00
3	2-[2-[2-[2-[2-[2-[2-(2-Acetyloxy	213101	1000351-90-5	17.00
4	1,4-Butanediamine	1955	000110-60-1	9.00
5	Acetamide, N-ethyl-	1872	000625-50-3	9.00



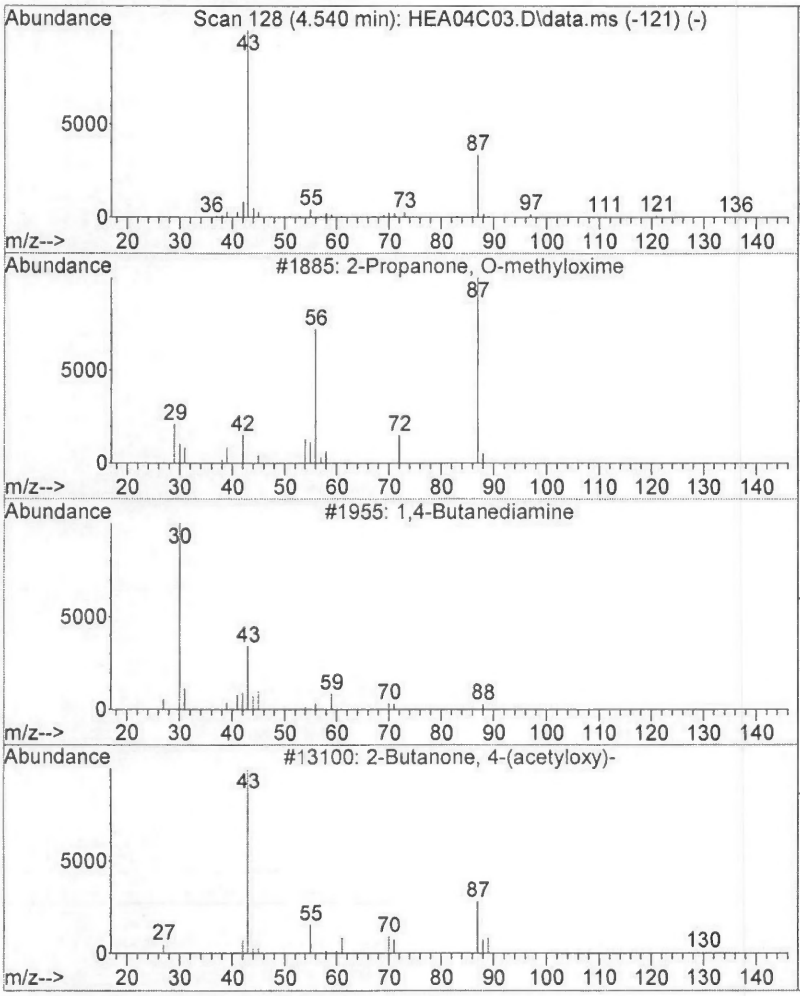
Library Search Compound Report

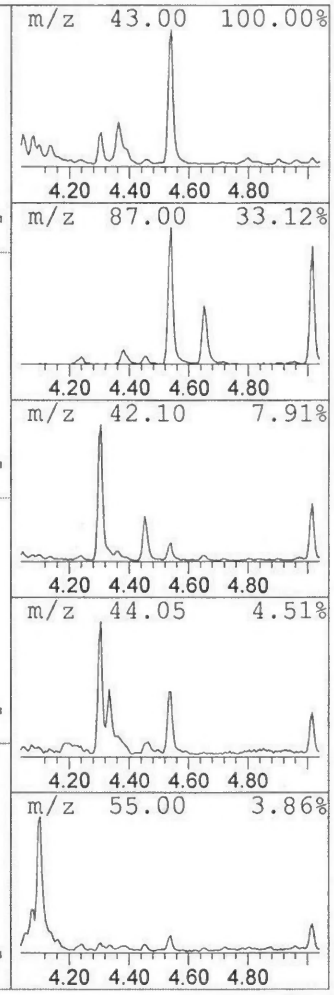
Data File : C:\msdchem\1\data\E3PN9\HEA04C03.D Vial: 4
Acq On : 11/10/2011 11:54 Operator: RAH
Sample : 1130805003 E3PP1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.54	3.32 ug/ml	205780	1,4-Dichlorobenzene-d4	1241381

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Propanone, O-methyloxime	1885	003376-35-0	35.00
* 2	1,4-Butanediamine	1955	000110-60-1	9.00
3	2-Butanone, 4-(acetyloxy)-	13100	010150-87-5	9.00
4	DL-3-Methyl-2-butanol, acetate	13341	1000352-29-9	9.00
5	2-Methoxy-3-methyl-butyric acid, me	21674	109989-32-4	9.00





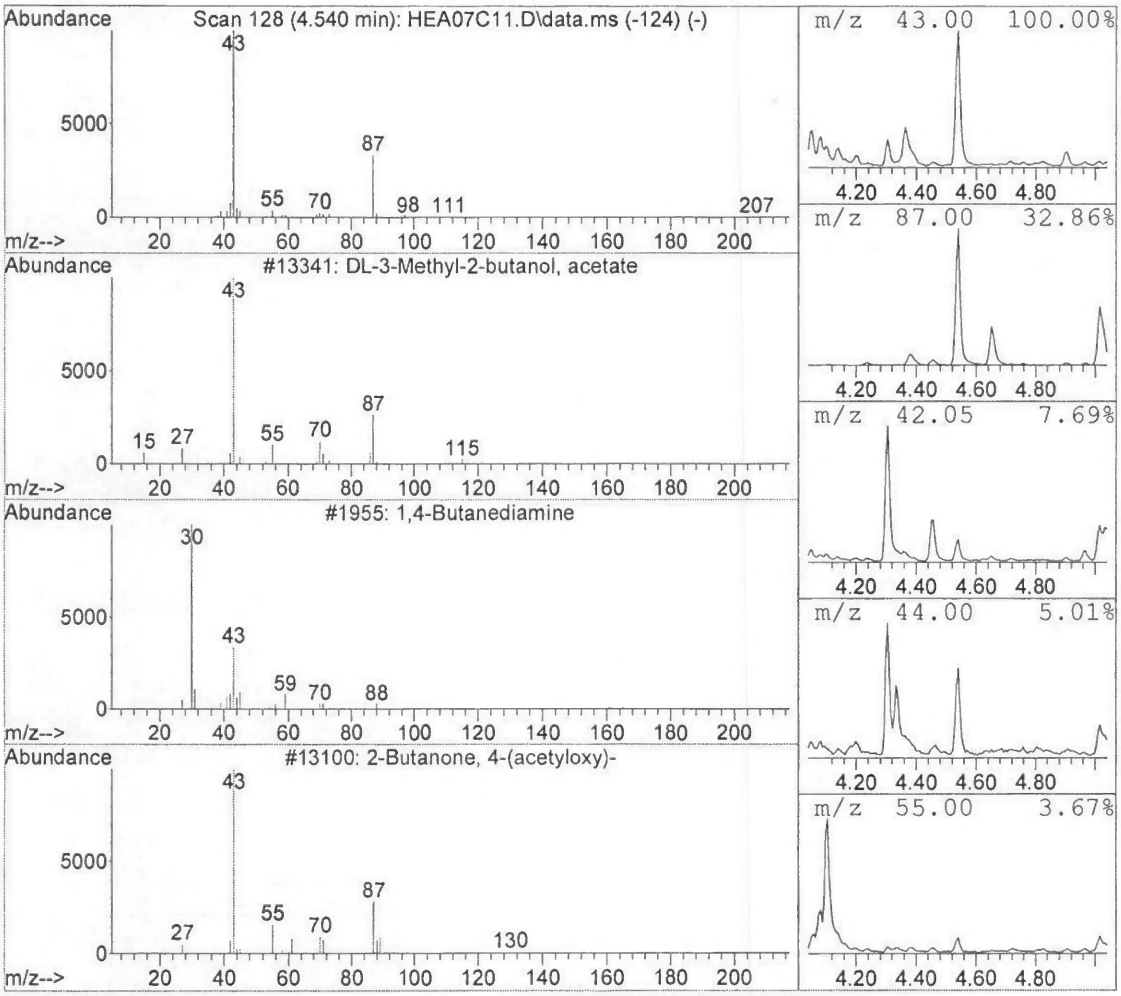
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA07C11.D Vial: 7
Acq On : 11/10/2011 13:40 Operator: RAH
Sample : 1130805011 E3PQ1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.54	5.09 ug/ml	258746	1,4-Dichlorobenzene-d4	1017391

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	DL-3-Methyl-2-butanol, acetate	13341	1000352-29-9	38.00
2	1,4-Butanediamine	1955	000110-60-1	9.00
3	2-Butanone, 4-(acetyloxy)-	13100	010150-87-5	9.00
4	Ethanol, 2,2'-oxybis-, diacetate	52008	000628-68-2	9.00
5	4-Penten-2-ol, acetate	12068	1000352-31-5	9.00



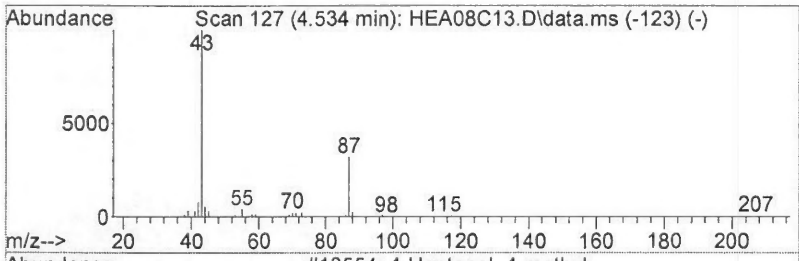
Library Search Compound Report

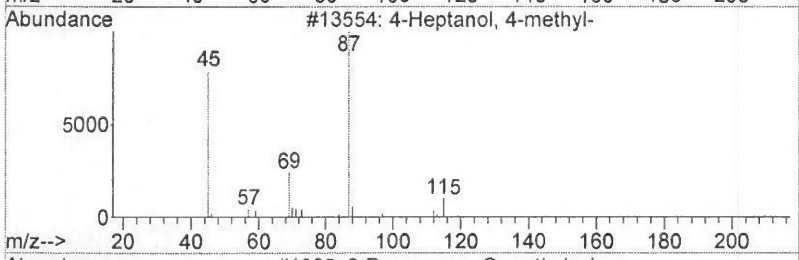
Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

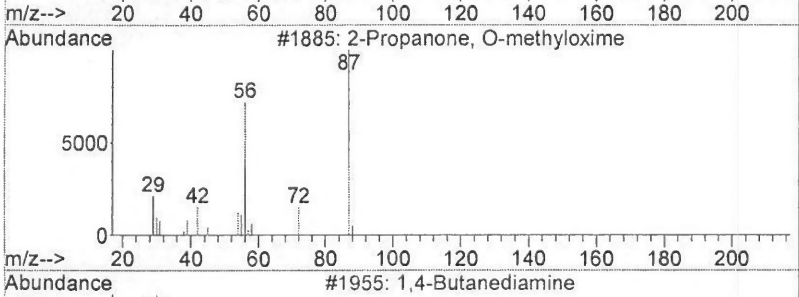
Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

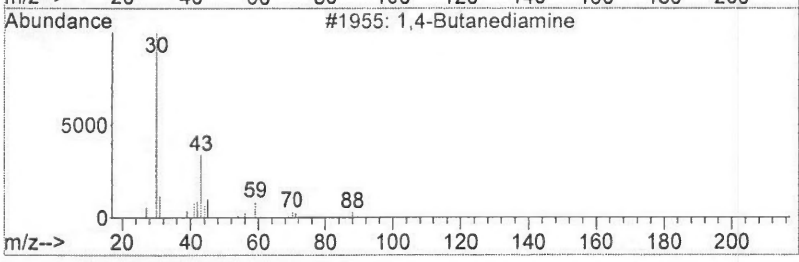
R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.53	4.04 ug/ml	197446	1,4-Dichlorobenzene-d4	976248

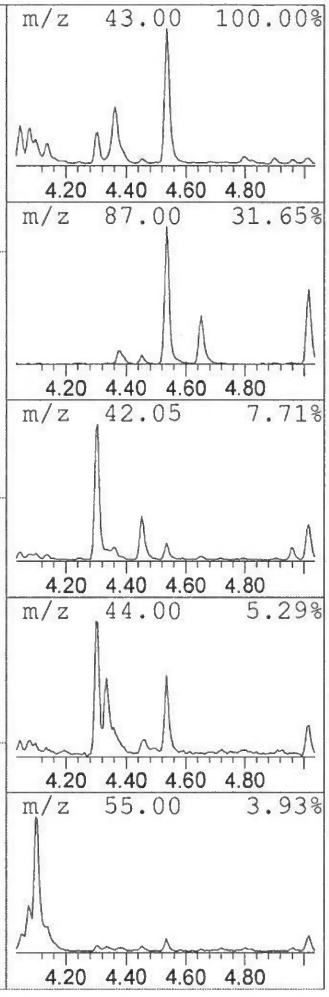
Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	4-Heptanol, 4-methyl-	13554	000598-01-6	17.00
2	2-Propanone, O-methyloxime	1885	003376-35-0	9.00
* 3	1,4-Butanediamine	1955	000110-60-1	9.00
4	3-Hexanone, 5-hydroxy-2-methyl-	13345	059357-07-2	9.00
5	Ethanol, 2,2'-oxybis-, diacetate	52008	000628-68-2	9.00











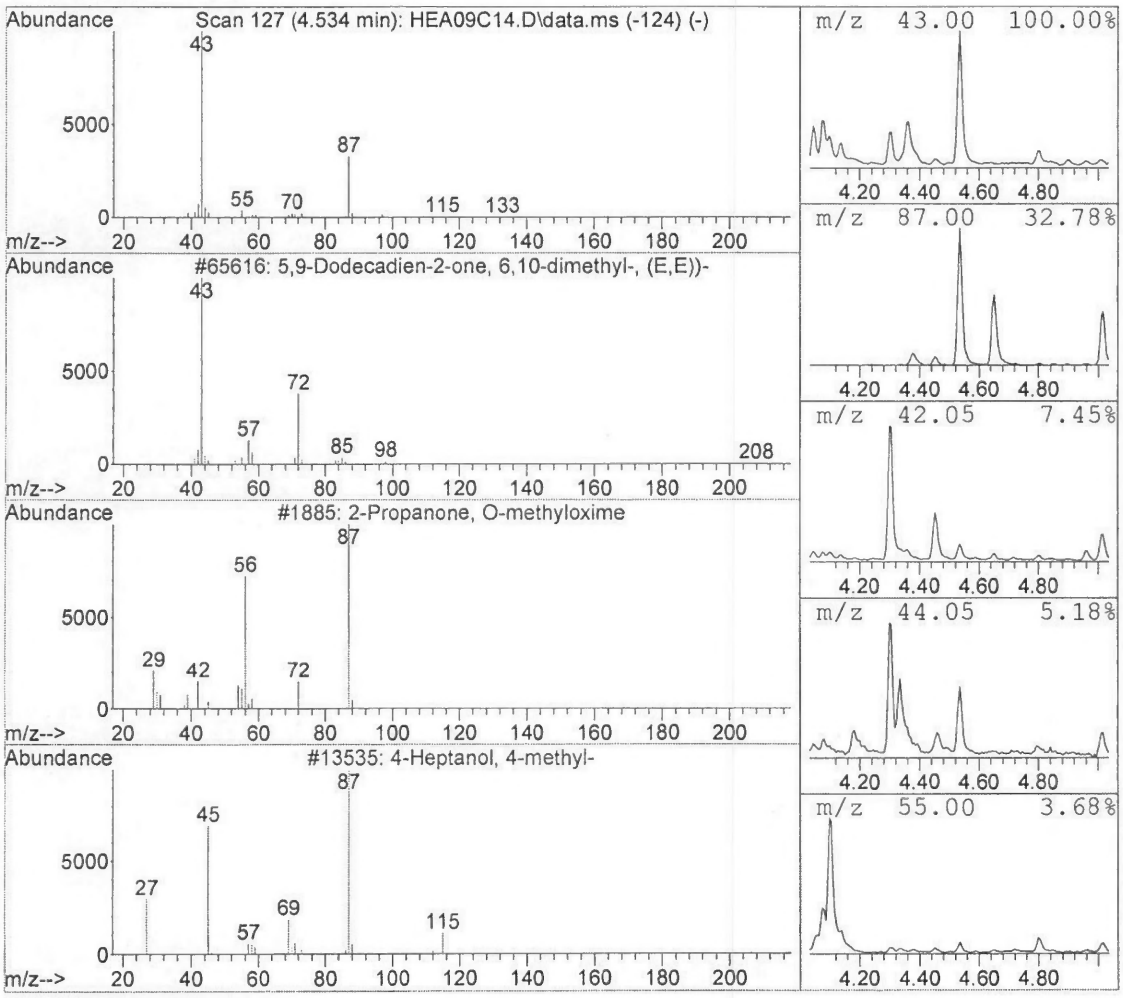
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D Vial: 9
Acq On : 11/10/2011 14:50 Operator: RAH
Sample : 1130805014 E3PR8 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.53	2.66 ug/ml	142655	1,4-Dichlorobenzene-d4	1071875

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	5,9-Dodecadien-2-one, 6,10-dimethyl	65616	1000132-10-9	25.00
2	2-Propanone, O-methyloxime	1885	003376-35-0	17.00
3	4-Heptanol, 4-methyl-	13535	000598-01-6	10.00
* 4	Acetamide, N-ethyl-	1871	000625-50-3	9.00
* 5	1,4-Butanediamine	1955	000110-60-1	9.00



00643

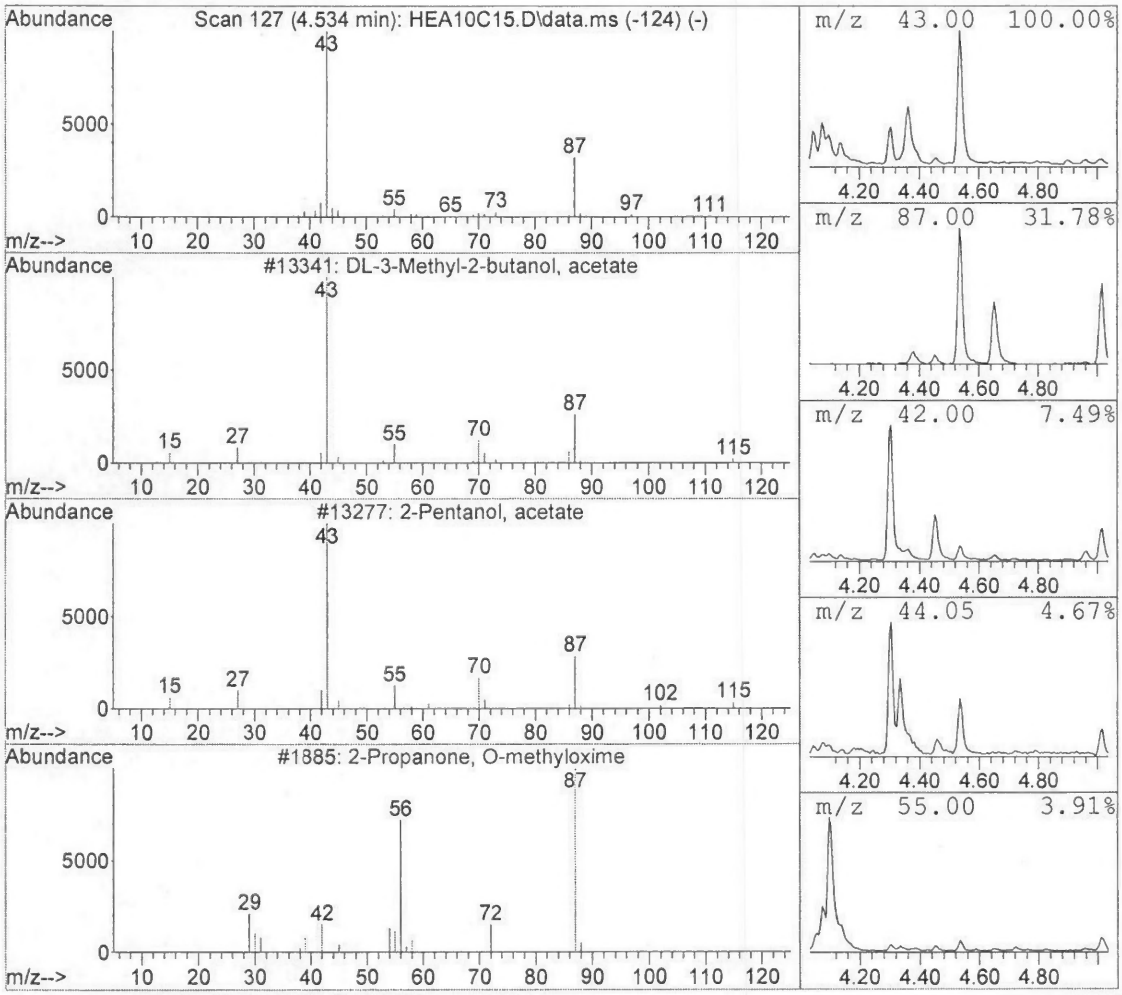
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
4.53	2.90 ug/ml	150166	1,4-Dichlorobenzene-d4	1037082

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	DL-3-Methyl-2-butanol, acetate	13341	1000352-29-9	38.00
2	2-Pentanol, acetate	13277	000626-38-0	36.00
3	2-Propanone, O-methyloxime	1885	003376-35-0	25.00
4	trans-1-Nitro-1-propene	1838	017082-05-2	9.00
5	TATP	76830	017088-37-8	9.00



00655

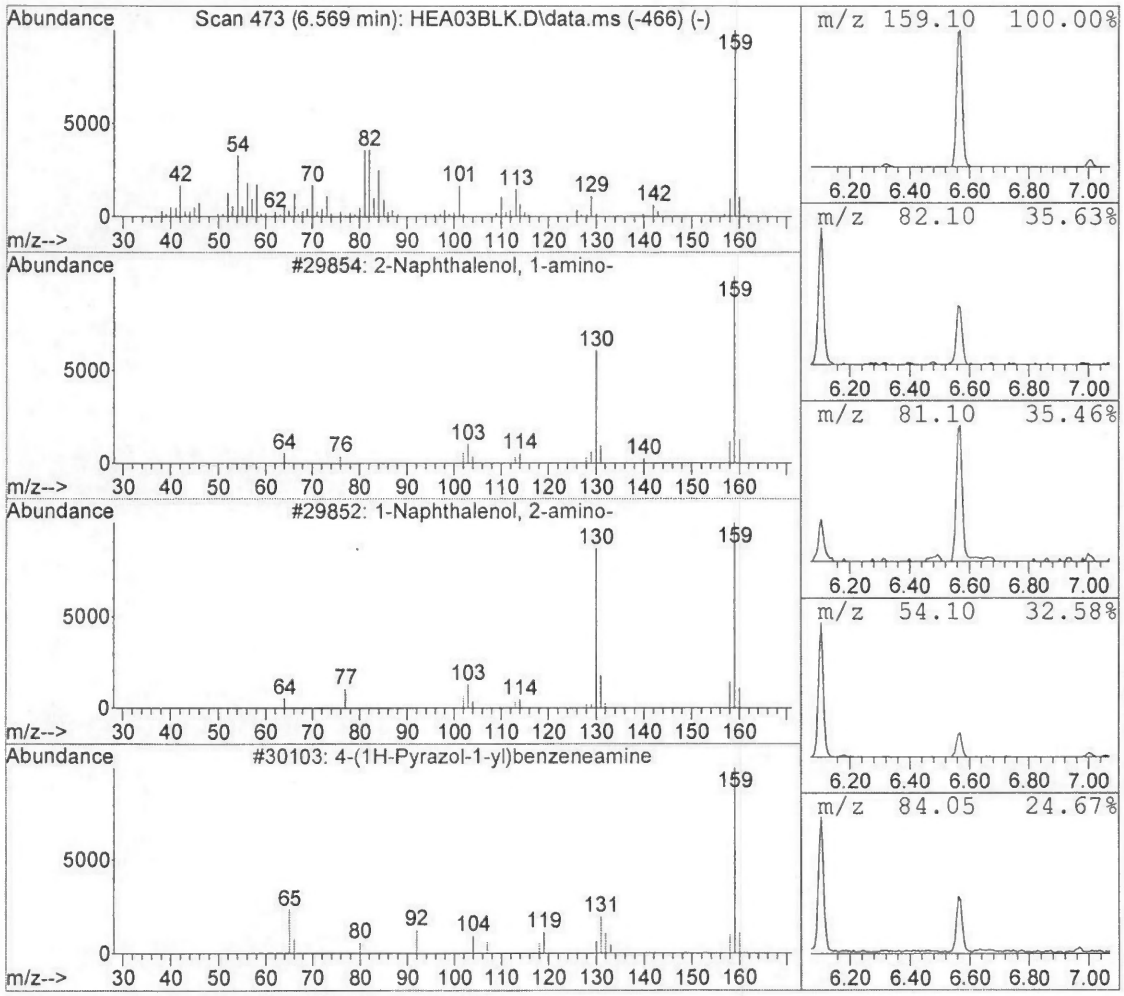
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
6.57	2.03 ug/ml	173483	Naphthalene-d8	1709491

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Naphthalenol, 1-amino-	29854	002834-92-6	47.00
2	1-Naphthalenol, 2-amino-	29852	000606-41-7	47.00
3	4-(1H-Pyrazol-1-yl)benzeneamine	30103	017635-45-9	43.00
4	2,4-Difluorobenzoic acid, octyl est	113303	1000338-78-6	40.00
5	2,6-Difluorobenzoic acid, octyl est	113304	1000292-39-2	40.00



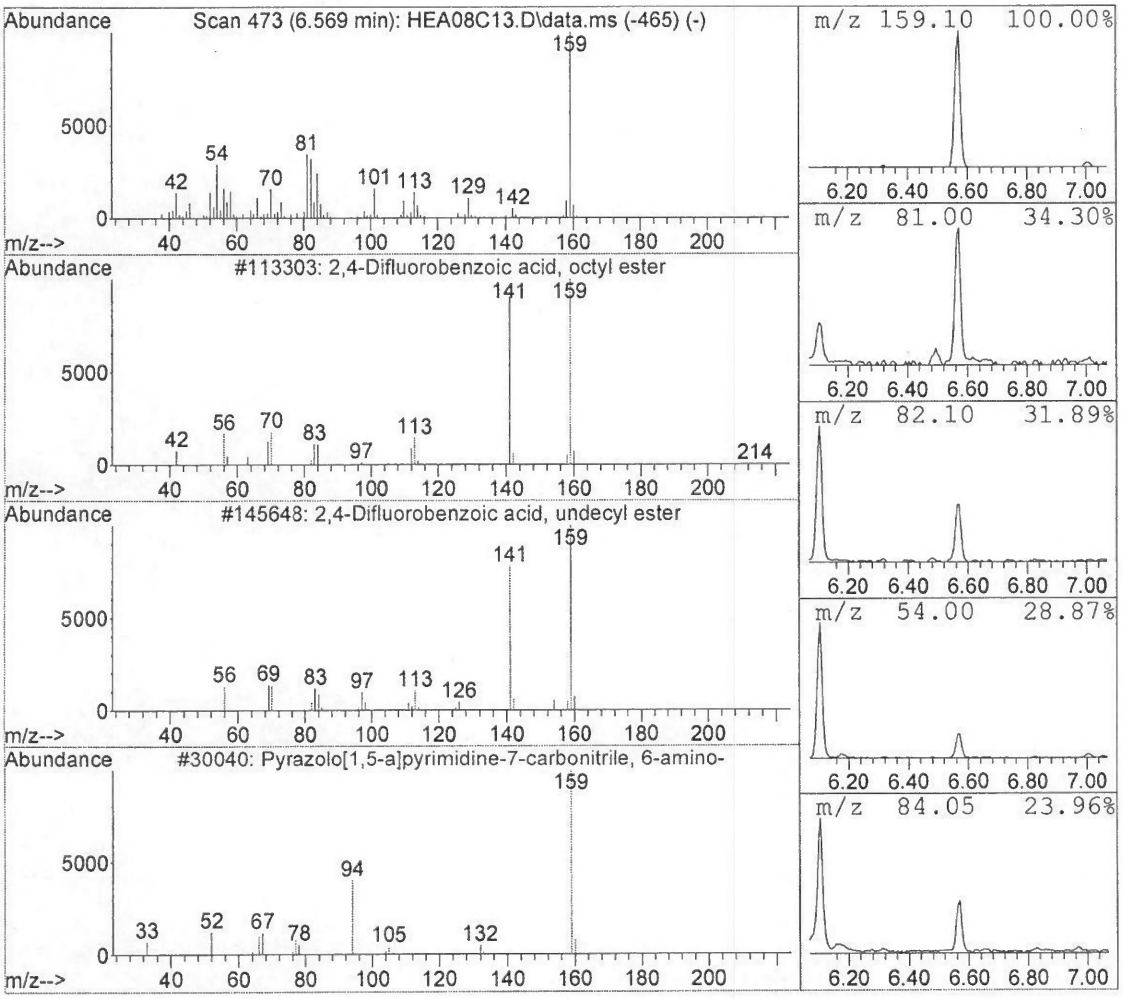
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
6.57	2.06 ug/ml	148886	Naphthalene-d8	1442068

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2,4-Difluorobenzoic acid, octyl est	113303	1000338-78-6	37.00
2	2,4-Difluorobenzoic acid, undecyl e	145648	1000338-78-9	37.00
3	Pyrazolo[1,5-a]pyrimidine-7-carboni	30040	1000267-04-4	35.00
4	1,2-Benzenedicarbonitrile, 4-amino-	30079	1000338-30-3	23.00
5	2,4-Difluorobenzoic acid, octadecyl	198548	1000338-79-6	23.00



00626

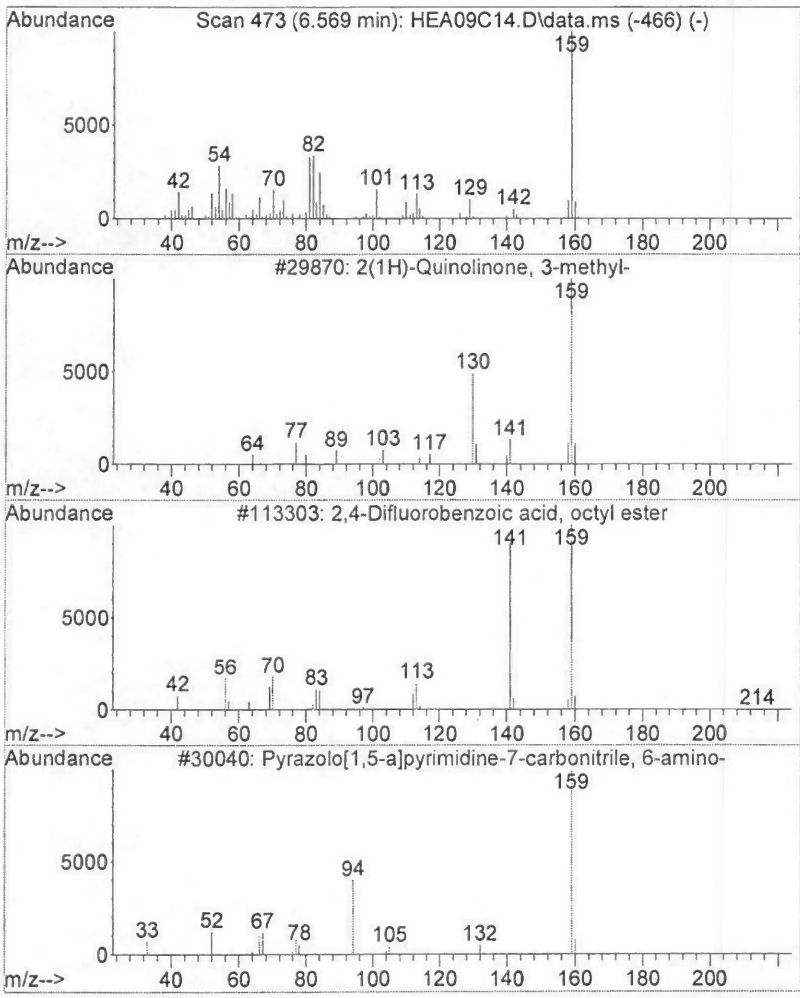
Library Search Compound Report

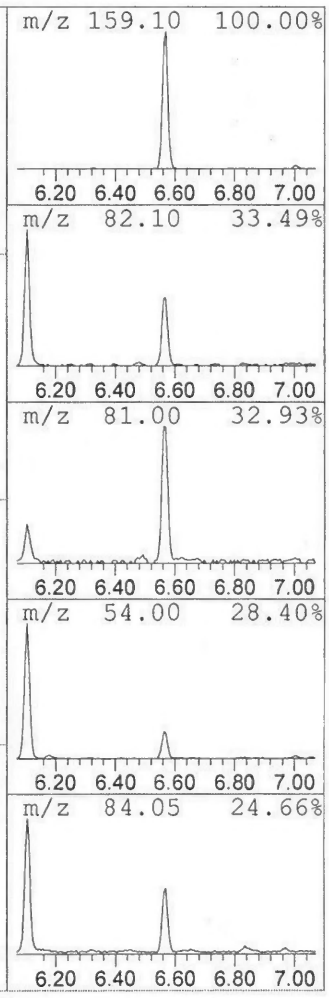
Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D Vial: 9
Acq On : 11/10/2011 14:50 Operator: RAH
Sample : 1130805014 E3PR8 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
6.57	2.39 ug/ml	187103	Naphthalene-d8	1566819

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	29870	002721-59-7	38.00
* 2	2,4-Difluorobenzoic acid, octyl est	113303	1000338-78-6	37.00
3	Pyrazolo[1,5-a]pyrimidine-7-carboni	30040	1000267-04-4	35.00
4	4,6-Quinolinediamine	30087	040107-09-3	32.00
* 5	2,6-Difluorobenzoic acid, octyl est	113304	1000292-39-2	28.00





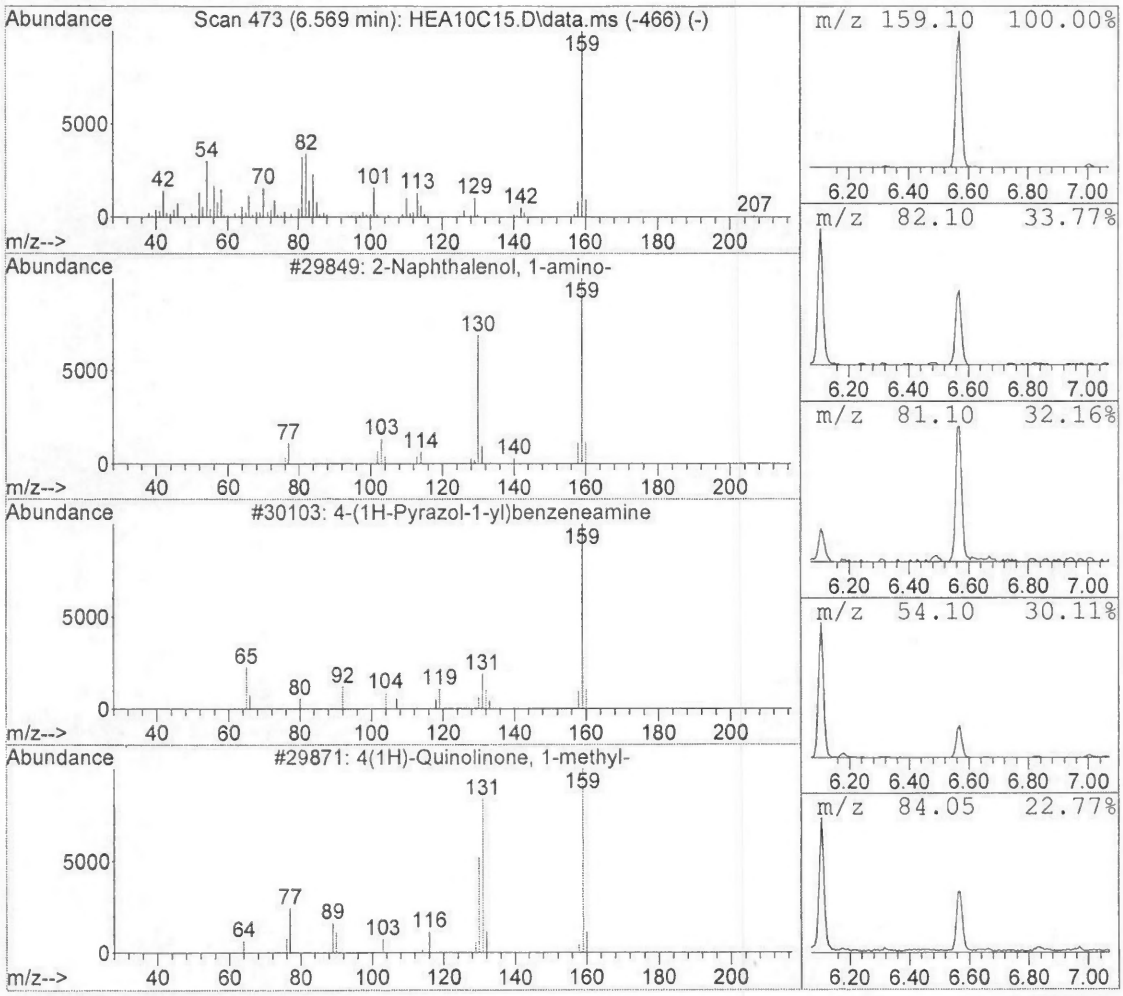
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
6.57	2.69 ug/ml	209565	Naphthalene-d8	1555610

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	2-Naphthalenol, 1-amino-	29849	002834-92-6	43.00
2	4-(1H-Pyrazol-1-yl)benzeneamine	30103	017635-45-9	43.00
3	4(1H)-Quinolinone, 1-methyl-	29871	000083-54-5	43.00
4	2,4-Difluorobenzoic acid, octyl est	113303	1000338-78-6	38.00
5	Nonanoic acid, tetradecyl ester	174198	1000340-28-1	38.00



00066

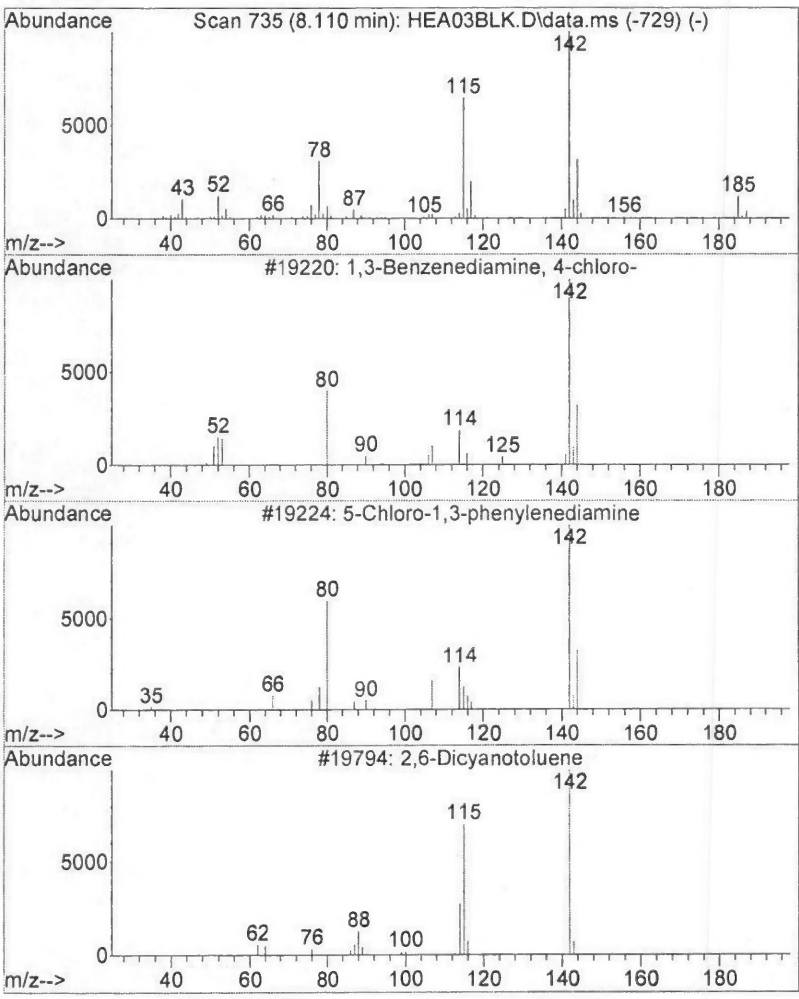
Library Search Compound Report

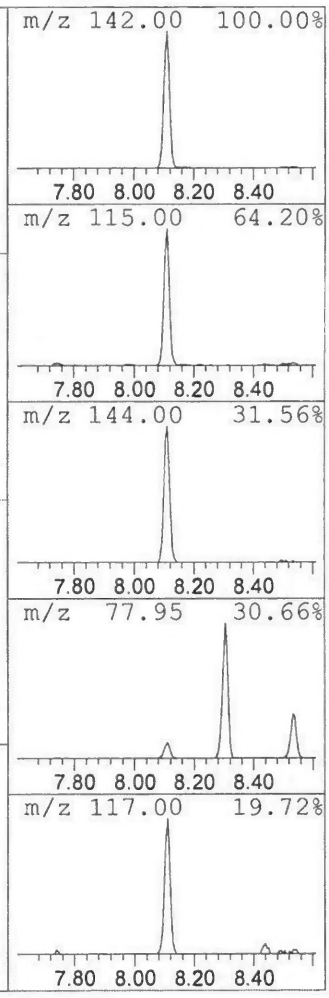
Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
8.11	2.41 ug/ml	232841	Acenaphthene-d10	1932292

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	1,3-Benzenediamine, 4-chloro-	19220	005131-60-2	43.00
2	5-Chloro-1,3-phenylenediamine	19224	033786-89-9	43.00
3	2,6-Dicyanotoluene	19794	002317-22-8	38.00
4	1,2-Benzenediamine, 4-chloro-	19228	000095-83-0	38.00
5	Acetonitrile, 2-(3-cyanophenyl)-	19803	016532-78-8	38.00





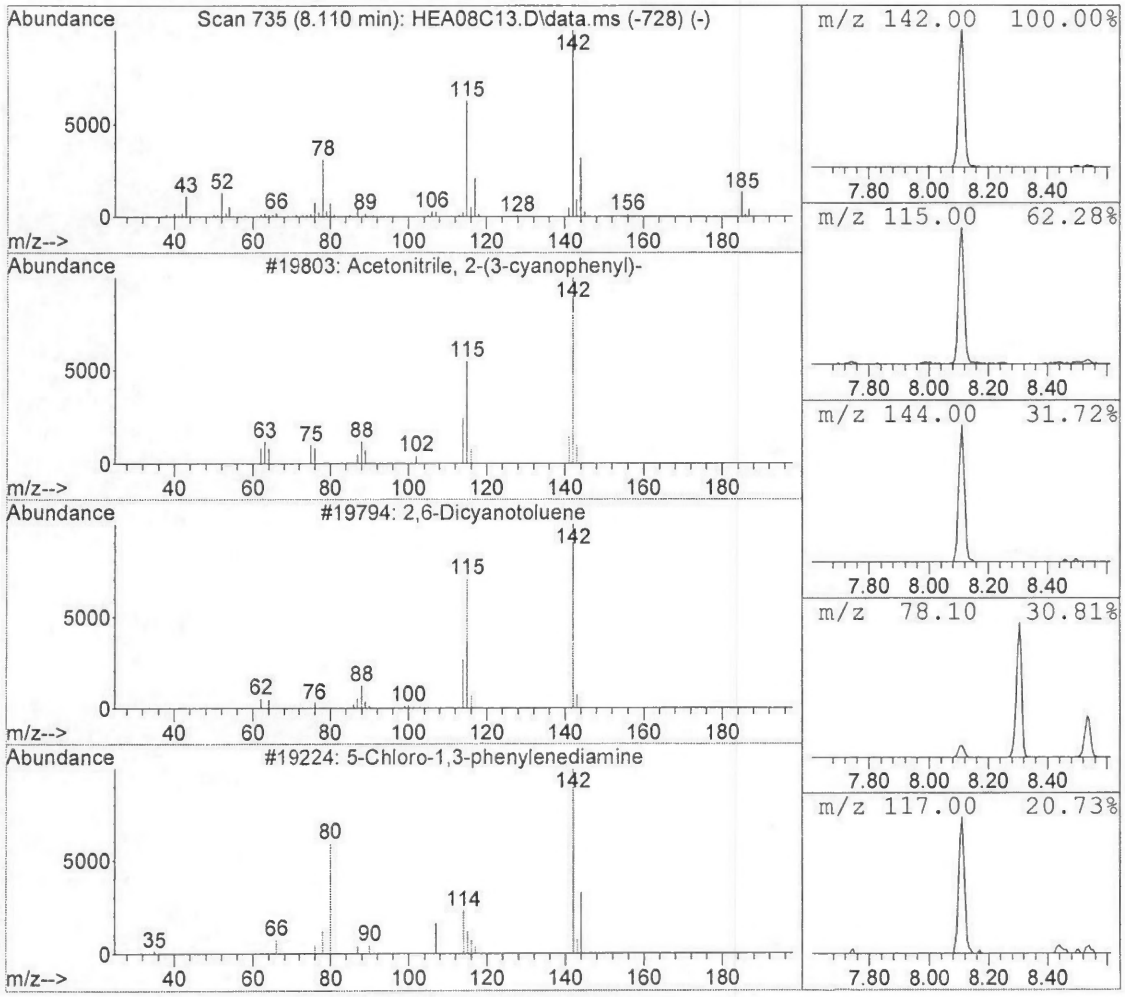
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
8.11	2.10 ug/ml	170599	Acenaphthene-d10	1621215

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Acetonitrile, 2-(3-cyanophenyl)-	19803	016532-78-8	47.00
2	2,6-Dicyanotoluene	19794	002317-22-8	47.00
3	5-Chloro-1,3-phenylenediamine	19224	033786-89-9	43.00
4	1,3-Benzenediamine, 4-chloro-	19225	005131-60-2	43.00
5	Naphthalene, 1-methyl-	18987	000090-12-0	38.00



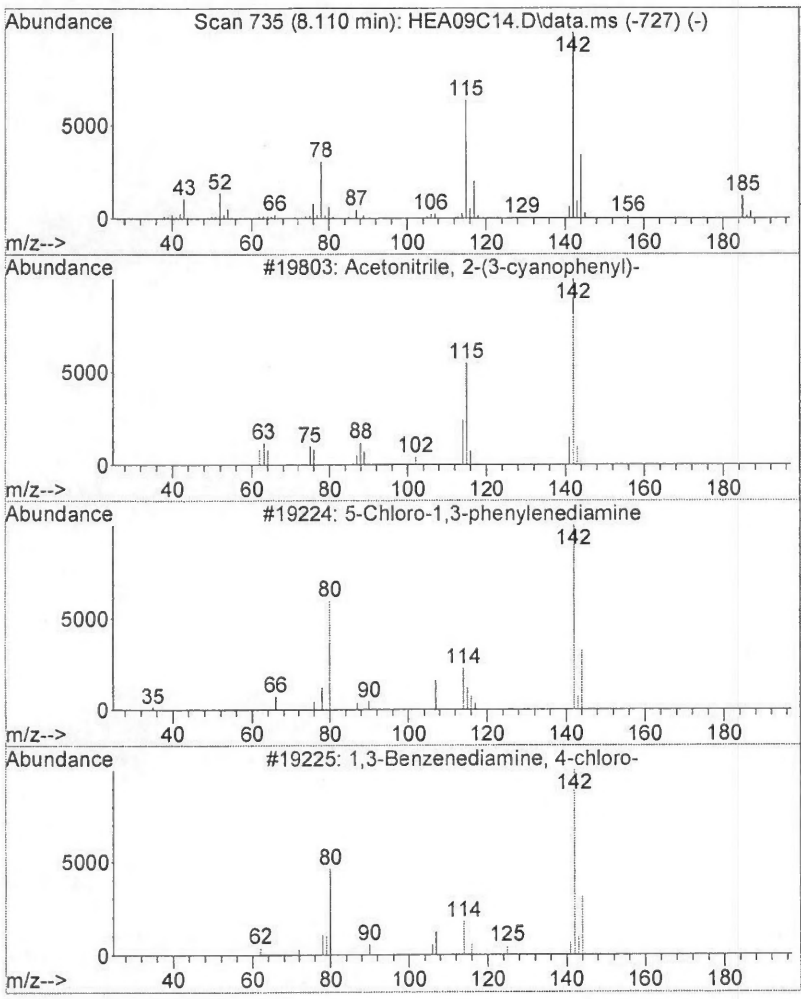
Library Search Compound Report

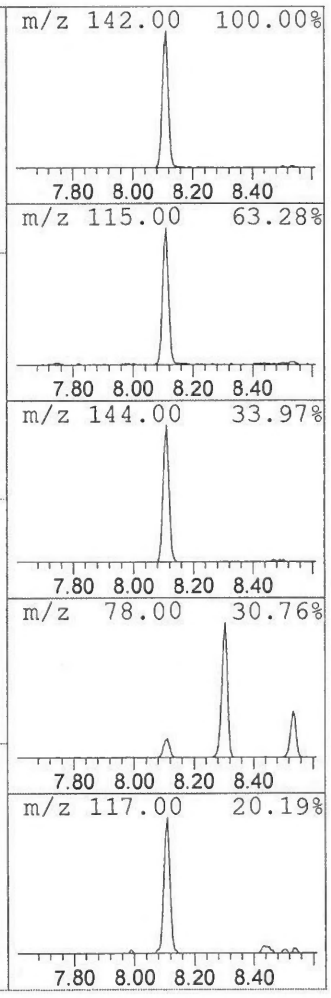
Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D Vial: 9
Acq On : 11/10/2011 14:50 Operator: RAH
Sample : 1130805014 E3PR8 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
8.11	2.76 ug/ml	236837	Acenaphthene-d10	1717063

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Acetonitrile, 2-(3-cyanophenyl)-	19803	016532-78-8	47.00
* 2	5-Chloro-1,3-phenylenediamine	19224	033786-89-9	43.00
* 3	1,3-Benzenediamine, 4-chloro-	19225	005131-60-2	43.00
* 4	2,6-Dicyanotoluene	19794	002317-22-8	38.00
5	Benzenamine, 3-chloro-4-methoxy-	28865	005345-54-0	37.00





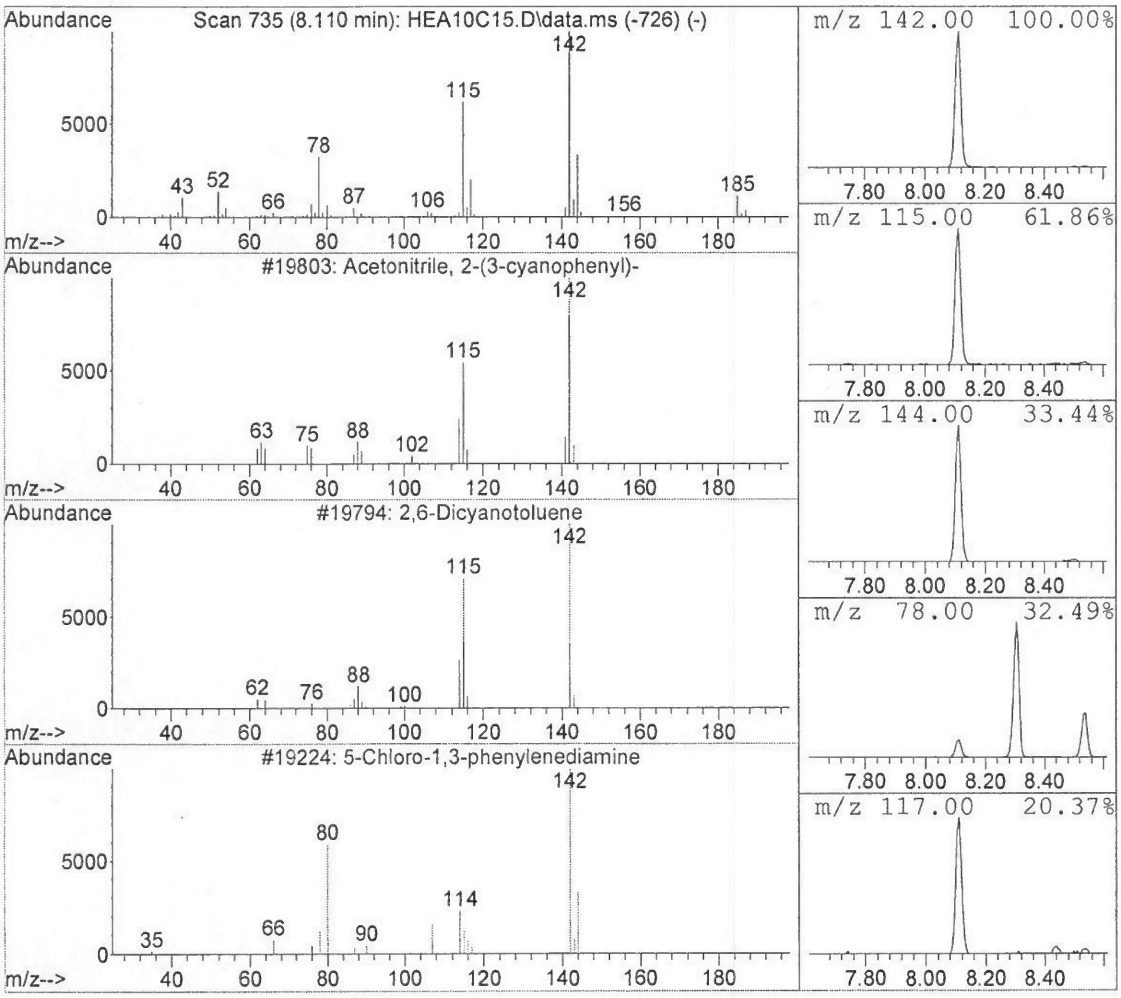
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
8.11	2.82 ug/ml	242908	Acenaphthene-d10	1720872

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Acetonitrile, 2-(3-cyanophenyl)-	19803	016532-78-8	47.00
* 2	2,6-Dicyanotoluene	19794	002317-22-8	47.00
* 3	5-Chloro-1,3-phenylenediamine	19224	033786-89-9	43.00
* 4	1,3-Benzenediamine, 4-chloro-	19226	005131-60-2	43.00
5	5-Methylisophthalonitrile	19799	039718-07-5	38.00



00667

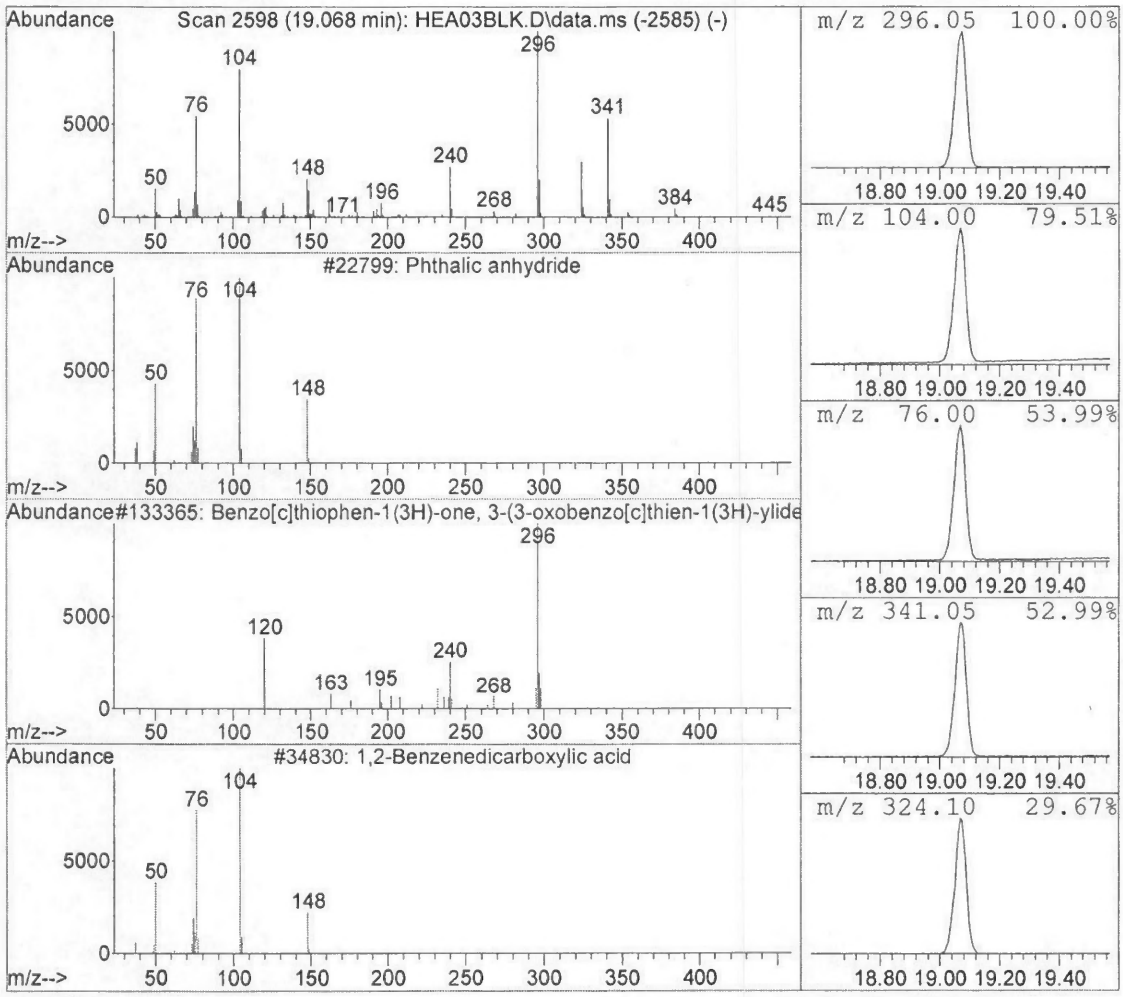
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
19.07	12.65 ug/ml	1204693	Perylene-d12	1905401

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Phthalic anhydride	22799	000085-44-9	27.00
* 2	Benzo[c]thiophen-1(3H)-one, 3-(3-ox	133365	023667-32-5	22.00
* 3	1,2-Benzenedicarboxylic acid	34830	000088-99-3	16.00
* 4	Benzene, 1,1'-(1,2-diethyl-1,2-ethe	133776	007773-34-4	14.00
5	Phthalic acid, monoethyl ester	54180	002306-33-4	12.00



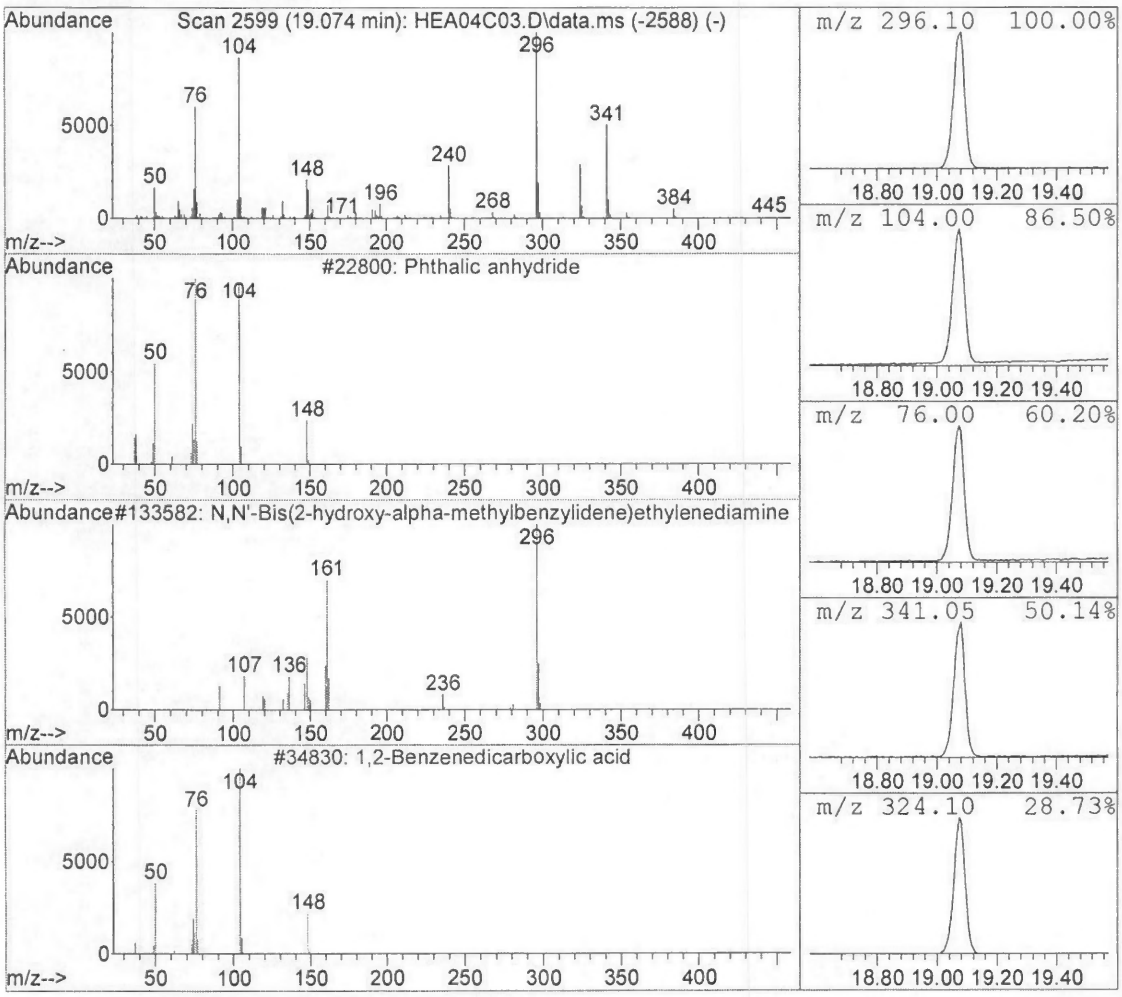
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA04C03.D Vial: 4
Acq On : 11/10/2011 11:54 Operator: RAH
Sample : 1130805003 E3PP1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
19.07	11.57 ug/ml	987907	Perylene-d12	1708316

	Hit# of 20	Tentative ID	Ref#	CAS#	Qual
*	1	Phthalic anhydride	22800	000085-44-9	27.00
	2	N,N'-Bis(2-hydroxy-alpha-methylbenz	133582	005464-60-8	22.00
*	3	1,2-Benzenedicarboxylic acid	34830	000088-99-3	16.00
*	4	Benzene, 1,1'-(1,2-diethyl-1,2-ethe	133776	007773-34-4	14.00
	5	Terephthalic acid, decyl 2-phenylet	198620	1000323-78-4	10.00



00357

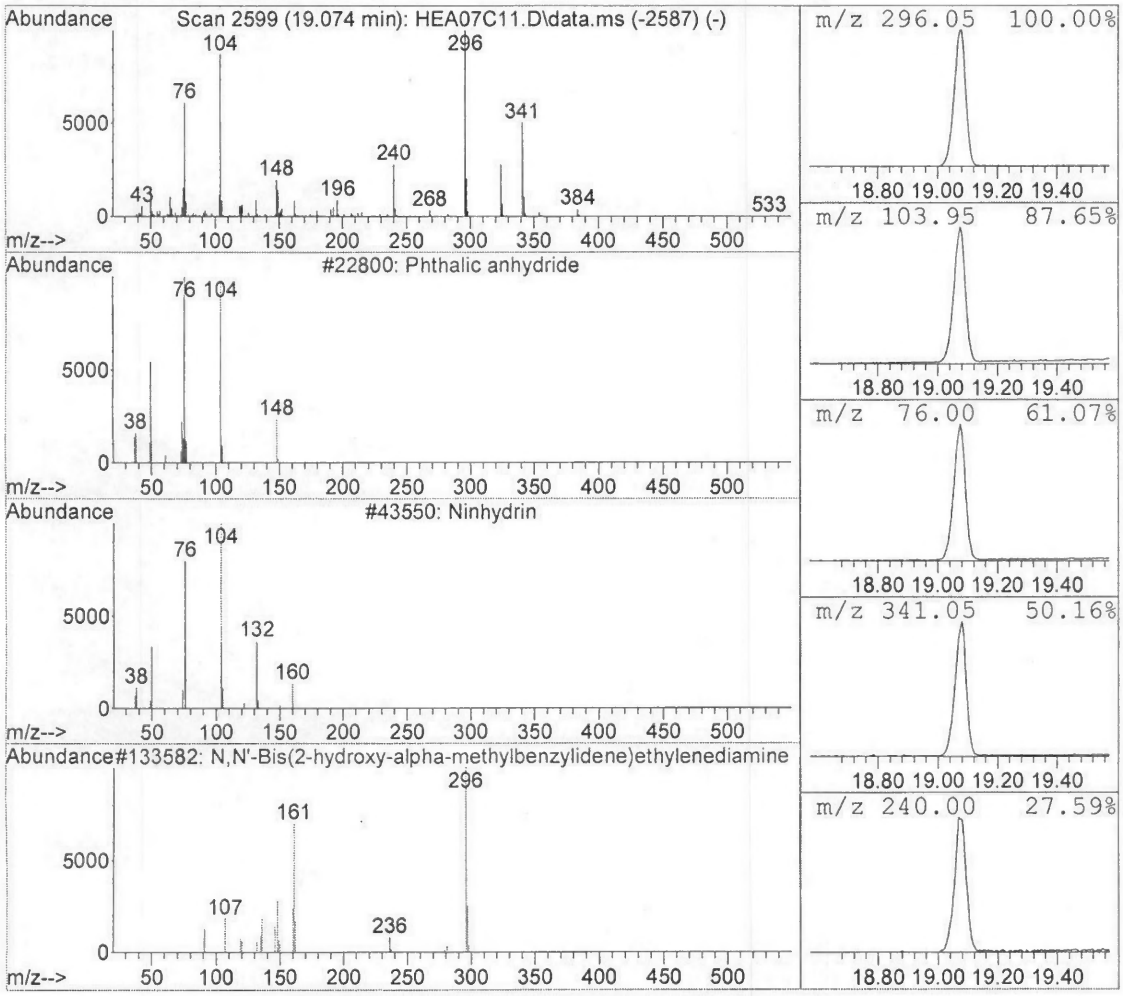
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA07C11.D Vial: 7
Acq On : 11/10/2011 13:40 Operator: RAH
Sample : 1130805011 E3PQ1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
19.07	15.82 ug/ml	1078725	Perylene-d12	1364099

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Phthalic anhydride	22800	000085-44-9	27.00
2	Ninhydrin	43550	000485-47-2	22.00
3	N,N'-Bis(2-hydroxy-alpha-methylbenz	133582	005464-60-8	22.00
4	Benzo[c]thiophen-1(3H)-one, 3-(3-ox	133365	023667-32-5	22.00
5	1,2-Benzenedicarboxylic acid	34830	000088-99-3	16.00



00564

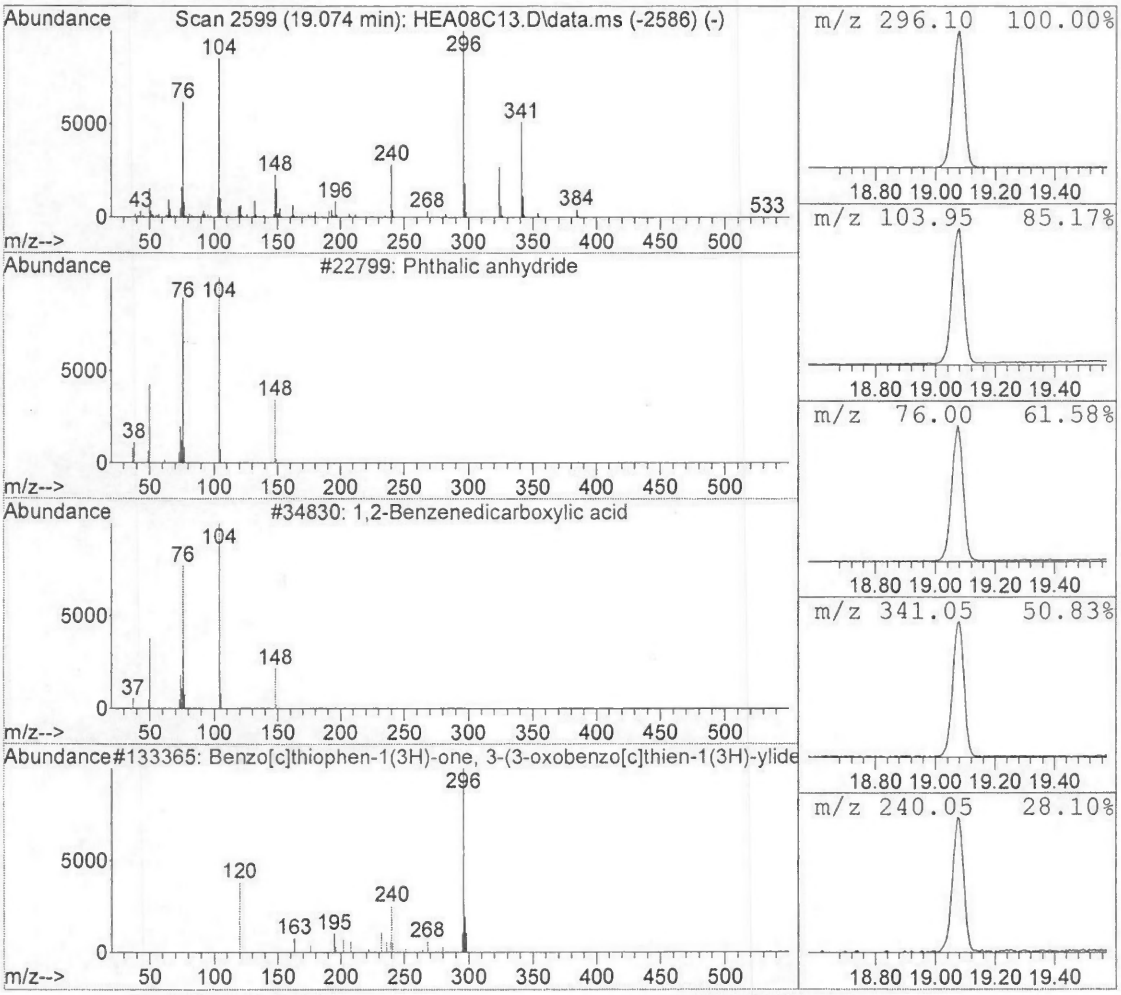
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
19.07	14.27 ug/ml	1035187	Perylene-d12	1450472

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Phthalic anhydride	22799	000085-44-9	27.00
2	1,2-Benzenedicarboxylic acid	34830	000088-99-3	16.00
3	Benzo[c]thiophen-1(3H)-one, 3-(3-ox	133365	023667-32-5	14.00
4	N,N'-Bis(2-hydroxy-alpha-methylbenz	133582	005464-60-8	14.00
5	1-Methyl-3-.beta.-phenylethyl-2,4,5	83846	067867-43-0	10.00



00630

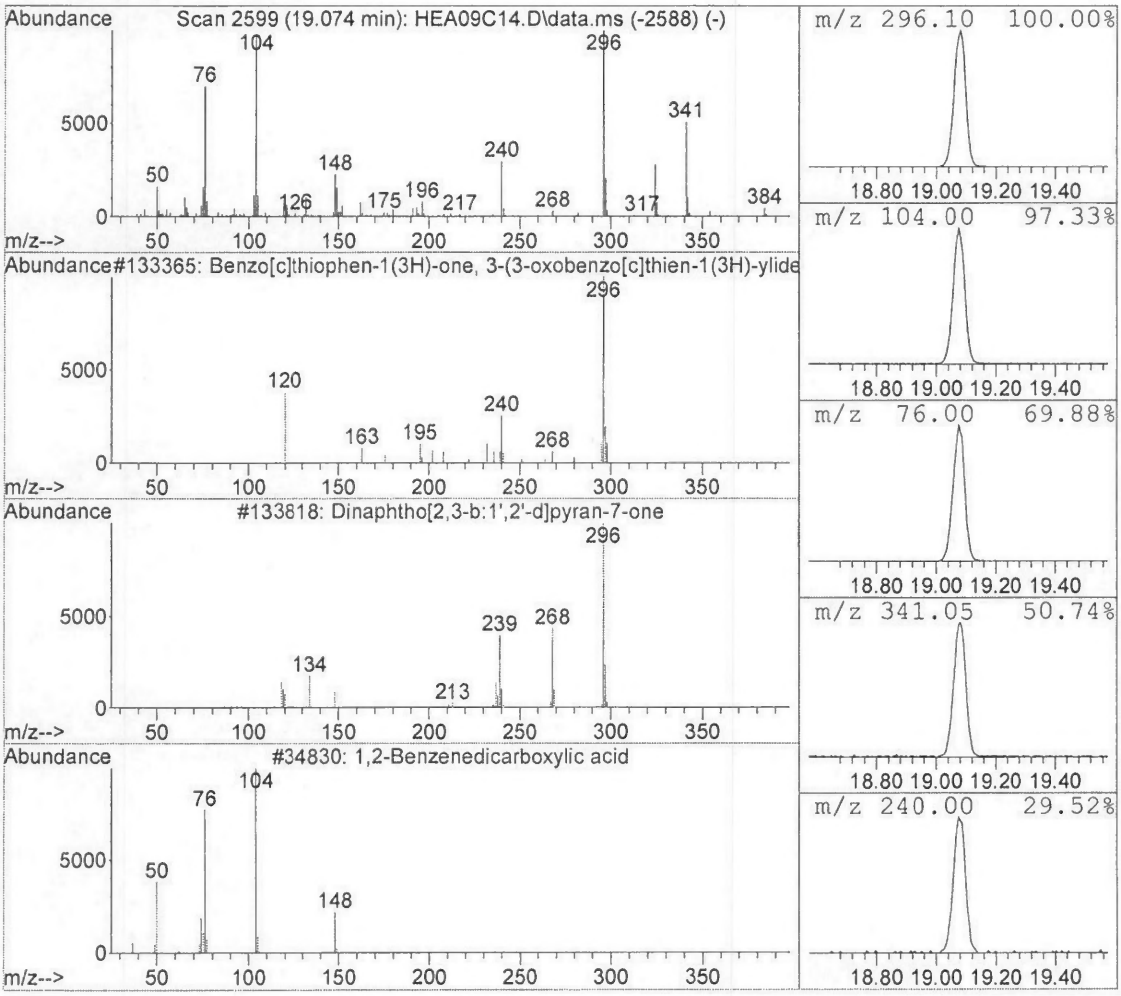
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D Vial: 9
Acq On : 11/10/2011 14:50 Operator: RAH
Sample : 1130805014 E3PR8 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
19.07	11.89 ug/ml	928017	Perylene-d12	1561392

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Benzo[c]thiophen-1(3H)-one, 3-(3-ox	133365	023667-32-5	22.00
2	Dinaphtho[2,3-b:1',2'-d]pyran-7-one	133818	154352-87-1	18.00
3	1,2-Benzenedicarboxylic acid	34830	000088-99-3	16.00
4	Bithiophthalide	133363	032819-84-4	12.00
5	6-Dimethylaminomethyltricyclo[8.2.2	122020	1000306-67-8	10.00



00649

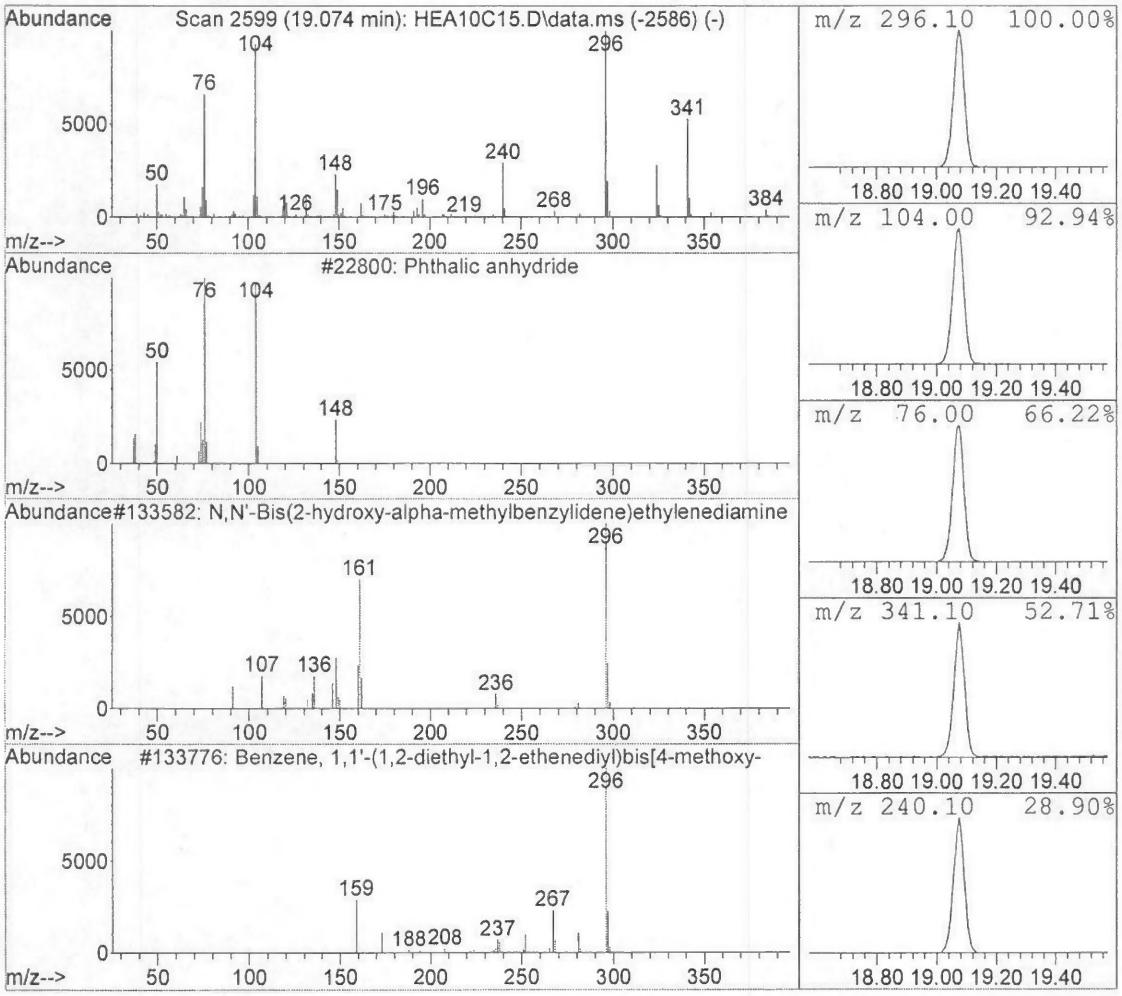
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
19.07	14.25 ug/ml	918046	Perylene-d12	1288219

	Hit# of 20	Tentative ID	Ref#	CAS#	Qual
*	1	Phthalic anhydride	22800	000085-44-9	27.00
	2	N,N'-Bis(2-hydroxy-alpha-methylbenz	133582	005464-60-8	22.00
*	3	Benzene, 1,1'-(1,2-diethyl-1,2-ethe	133776	007773-34-4	18.00
	4	2-Thiazolamine, 4-(4-methoxyphenyl)	133448	1000319-57-2	14.00
	5	Bithiophthalide	133363	032819-84-4	12.00



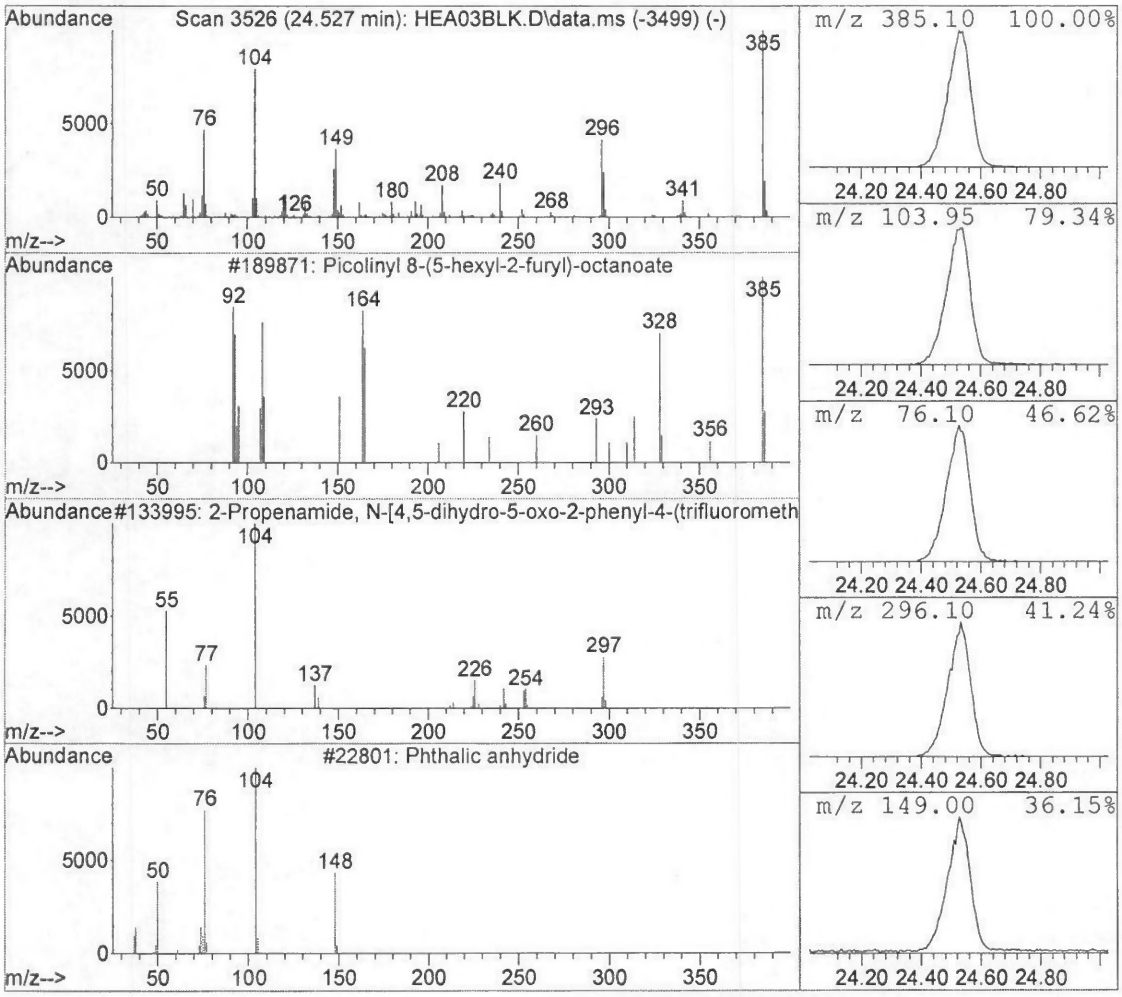
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA03BLK.D Vial: 3
Acq On : 11/10/2011 11:18 Operator: RAH
Sample : 245700 SBLK00 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
24.53	14.85 ug/ml	1414604	Perylene-d12	1905401

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Picolinyl 8-(5-hexyl-2-furyl)-octan	189871	1000335-93-0	14.00
* 2	2-Propenamide, N-[4,5-dihydro-5-oxo	133995	1000350-88-9	14.00
* 3	Phthalic anhydride	22801	000085-44-9	12.00
4	Spiro[isobenzofuran-1(3H)-one-3,2'-	61944	054103-04-7	12.00
5	Ninhydrin	43546	000485-47-2	12.00



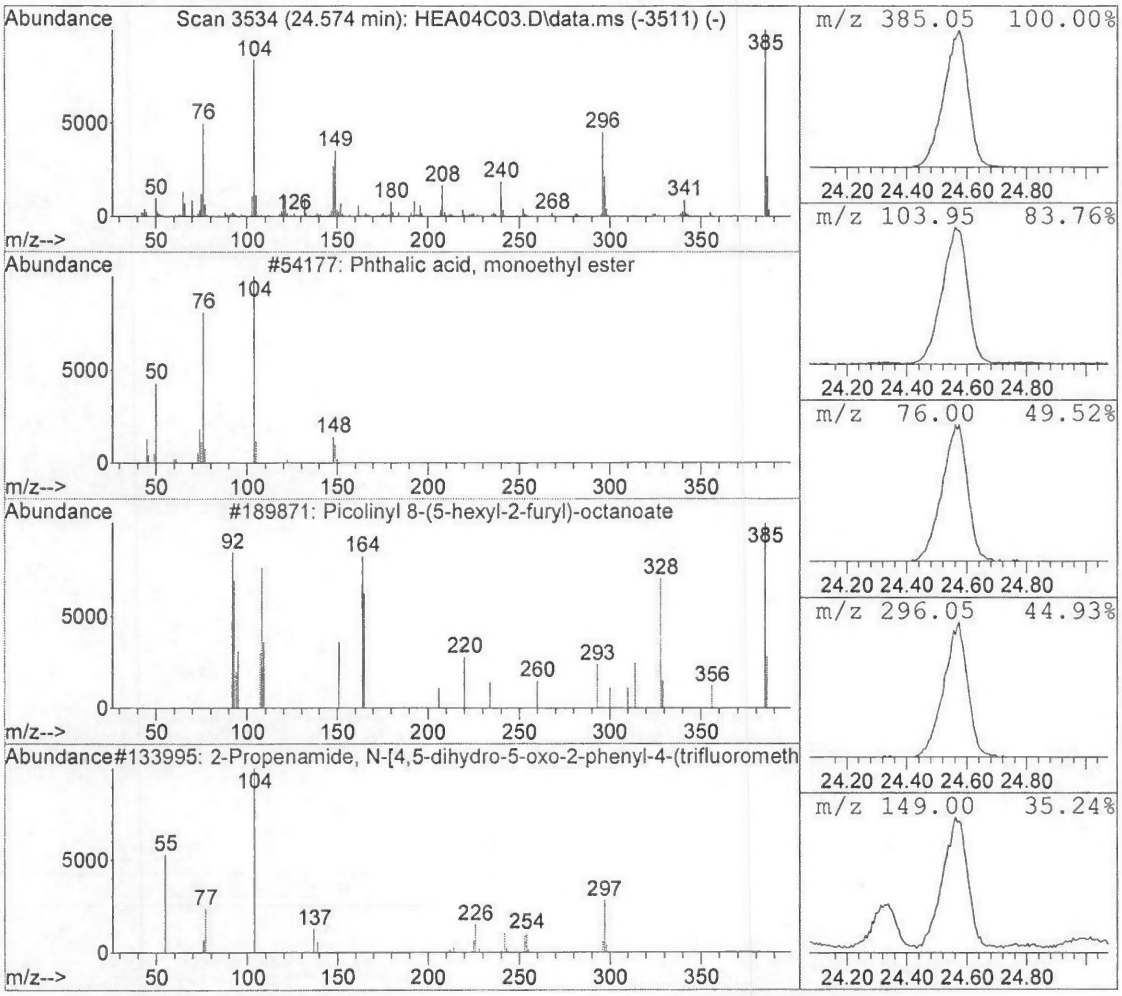
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA04C03.D Vial: 4
Acq On : 11/10/2011 11:54 Operator: RAH
Sample : 1130805003 E3PP1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
24.57	15.09 ug/ml	1288608	Perylene-d12	1708316

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Phthalic acid, monoethyl ester	54177	002306-33-4	22.00
* 2	Picolinyl 8-(5-hexyl-2-furyl)-octan	189871	1000335-93-0	14.00
* 3	2-Propenamide, N-[4,5-dihydro-5-oxo	133995	1000350-88-9	14.00
4	Benzene, 1,1'-(1,2-cyclobutanediyl)	65772	007694-30-6	10.00
5	3-Phenylpropionic acid, 2-methoxyet	65329	1000331-05-3	10.00



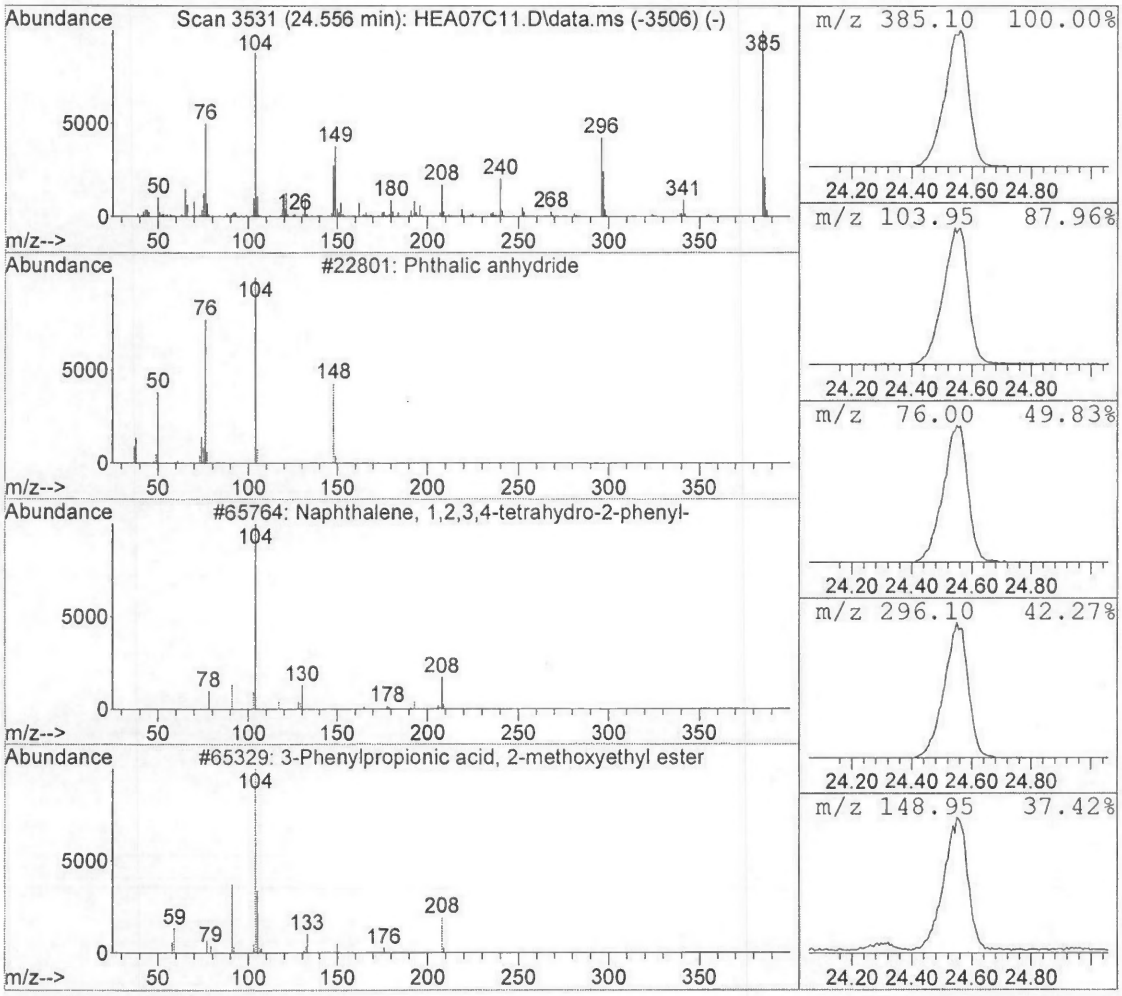
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA07C11.D Vial: 7
Acq On : 11/10/2011 13:40 Operator: RAH
Sample : 1130805011 E3PQ1 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
24.56	21.17 ug/ml	1443910	Perylene-d12	1364099

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
* 1	Phthalic anhydride	22801	000085-44-9	12.00
2	Naphthalene, 1,2,3,4-tetrahydro-2-p	65764	029422-13-7	11.00
3	3-Phenylpropionic acid, 2-methoxyet	65329	1000331-05-3	11.00
* 4	2-Propenamide, N-[4,5-dihydro-5-oxo	133995	1000350-88-9	10.00
5	1H-Isoindole-1,3(2H)-dione, 2-(2-pr	59978	004616-63-1	10.00



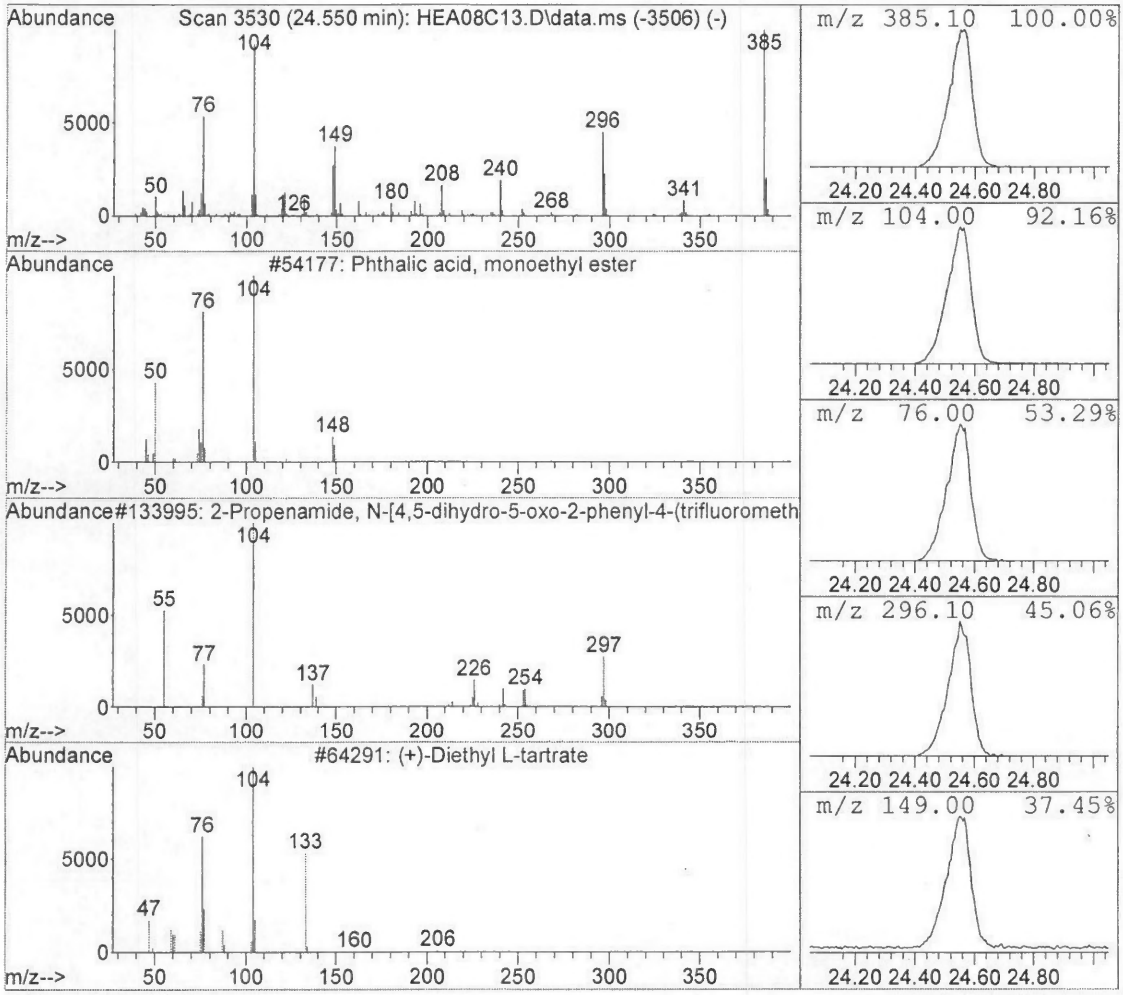
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA08C13.D Vial: 8
Acq On : 11/10/2011 14:15 Operator: RAH
Sample : 1130805013 E3PR7 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
24.55	19.38 ug/ml	1405465	Perylene-d12	1450472

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Phthalic acid, monoethyl ester	54177	002306-33-4	22.00
* 2	2-Propenamide, N-[4,5-dihydro-5-oxo	133995	1000350-88-9	14.00
3	(+)-Diethyl L-tartrate	64291	000087-91-2	12.00
4	[2.2]Paracyclophane	65737	001633-22-3	11.00
5	Benzene, cyclobutyl-	13888	004392-30-7	10.00



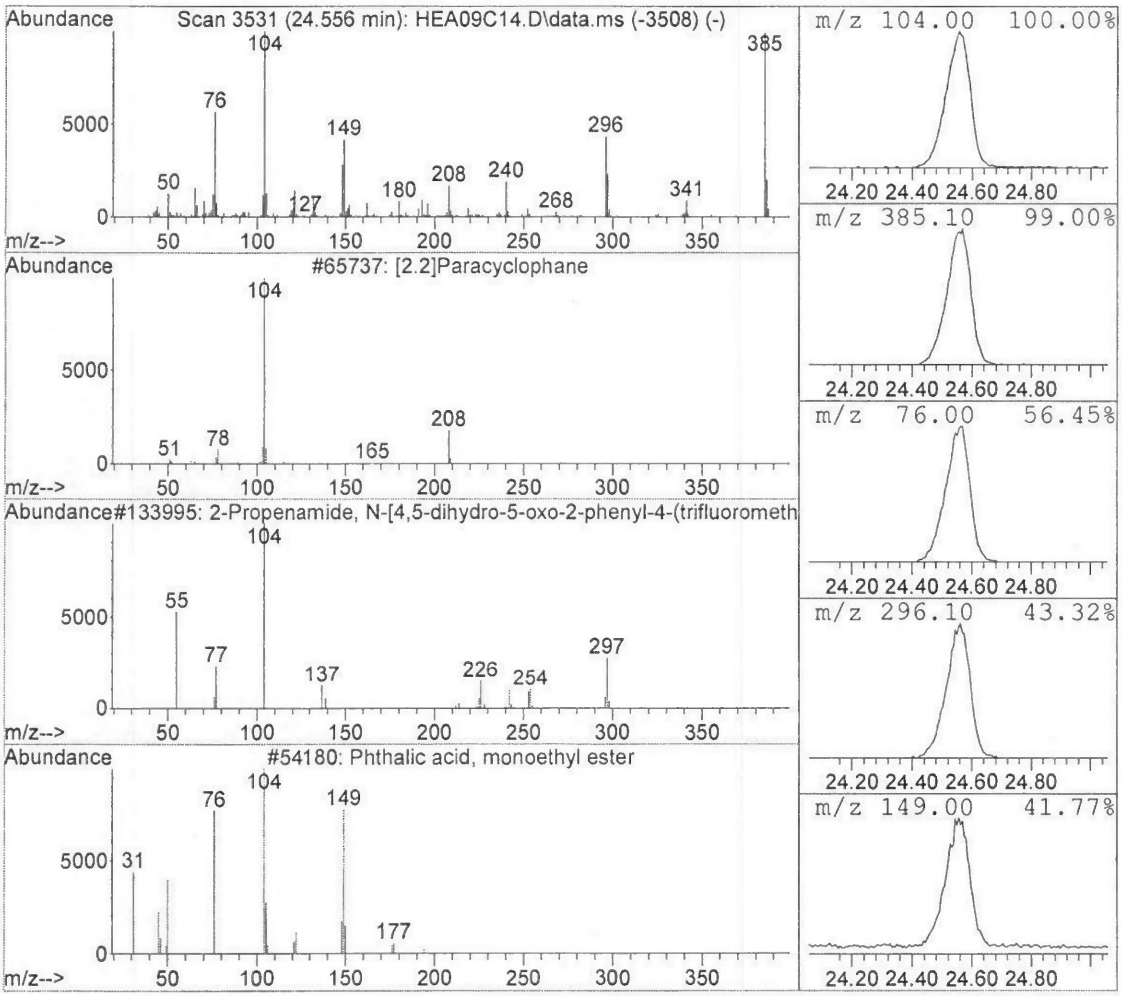
Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA09C14.D Vial: 9
Acq On : 11/10/2011 14:50 Operator: RAH
Sample : 1130805014 E3PR8 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
24.56	15.72 ug/ml	1227377	Perylene-d12	1561392

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	[2.2]Paracyclophane	65737	001633-22-3	15.00
* 2	2-Propenamide, N-[4,5-dihydro-5-oxo	133995	1000350-88-9	14.00
3	Phthalic acid, monoethyl ester	54180	002306-33-4	12.00
4	Succinic acid, di(2-phenylethyl) es	155817	1000325-04-3	10.00
5	1H-Isoindole-1,3(2H)-dione, 2-(2-pr	59978	004616-63-1	10.00

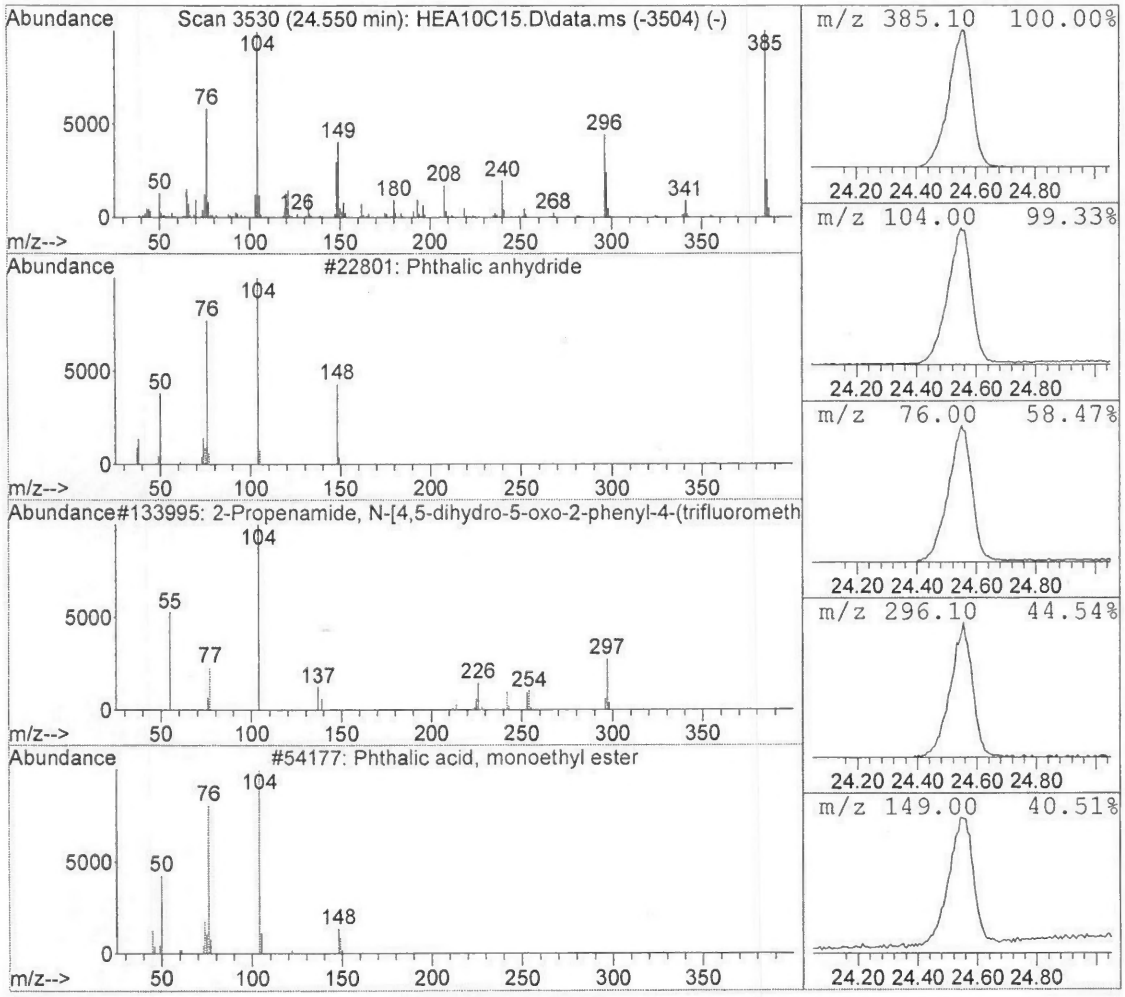


00652

Library Search Compound Report

Data File : C:\msdchem\1\data\E3PN9\HEA10C15.D Vial: 10
Acq On : 11/10/2011 15:25 Operator: RAH
Sample : 1130805015 E3PR9 Inst : 5975-H
Misc : . SOIL SOMO Injection volume : 1uL
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\SOM01.M (RTE Integrator)
Title : EPA/CLP SOM01
Library : C:\Database\NIST08.L

R.T.	Conc	Area	Relative to ISTD	ISTD Area
24.55	21.27 ug/ml	1369838	Perylene-d12	1288219

Hit# of 20	Tentative ID	Ref#	CAS#	Qual
1	Phthalic anhydride	22801	000085-44-9	22.00
2	2-Propenamide, N-[4,5-dihydro-5-oxo	133995	1000350-88-9	14.00
3	Phthalic acid, monoethyl ester	54177	002306-33-4	12.00
4	[2.2]Paracyclophane	65735	001633-22-3	11.00
5	(+)-Diethyl L-tartrate	64291	000087-91-2	10.00