WO# 31026 KY48092 94514

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: KYD986073196
2. Page 1 of 1
3. Emergency Response Phone: (412) 942-8241
4. Manifest Tracking Number: 006267393 GBF

5. Generator's Name and Mailing Address: Clean Earth of Calvert City, 1669 Shar-Cal Rd., Calvert City, KY 42029
Generator's Phone: 270-395-0604
Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: American Transportation Solutions, LLC. U.S. EPA ID Number: PAR000521740

7. Transporter 2 Company Name: PECCO, INC. U.S. EPA ID Number: KYO000067663

8. Designated Facility Name and Site Address: Green America Recycling, LLC, 10107 Highway 79, Hannibal, MO 63401
Facility's Phone: 573-248-0730
U.S. EPA ID Number: MOD054018288

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, Waste Flammable liquids, n.o.s. (Toluene, Xylene), 3, PG-II	85	DM	36362	P	D001	D005	D007
						D008	D010	D035
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1:ERG#128; OBC-QF02233002 - HIGH BTU LIQUID

*extra codes on attached Block 14 report : Disposal PO: JD14672

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

(b)(6)(b)(7)(C)

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

(b)(6)(b)(7)(C)

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H050 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name

(b)(6)(b)(7)(C)

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

Green America Recycling, LLC
Land Disposal Restriction and Certification Form

Generator Name: Clean Earth of Calvert City **US EPA ID#:** KYD985073196

Generator Address: 1689 Shar-Cal Rd., Calvert City, KY 42029

Manifest Tracking Number: 006267393GBF

Waste Analysis Available: N

Manifest Line	Profile Number	RCRA Waste Codes (List all that apply or "None" if waste stream is not regulated.)	Subcategory (See Table 2)	NWW or WW	California List Wastes (See Table 3)	Regulated Constituents (See Tables 1,4)	Certification (Choose from A through N)
1	OBC-QF02233002	D001, D005, D007, D008, D010, D035, F003, F005	1	NWW	N/A	5,21,26,32	A

Clean Earth of Calvert City

Land Disposal Restriction & Certification Form

Generator Name: Clean Earth of Calvert City U.S. EPA ID #: KYD985073196

Generator Address: 1689 Shar-Cal Rd., Calvert City, KY 42029

Manifest Document #: 006267393GBF State Manifest Document #: _____

Waste Analysis Available: Yes _____ No X

(A) THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40 CFR Part 268 Subpart C, 268.32 Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

(B) THIS HAZARDOUS DEBRIS IS SUBJECT TO THE ALTERNATIVE TREATMENT STRANDARDS OF 40 CFR 268.45.

(C) THIS RESTRICTED WASTE HAS BEEN TREATED TO THE PERFORMANCE STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and base this certification upon my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(D) THIS RESTRICTED WASTE, FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY, HAS BEEN TREATED BY THE SPECIFIED TECHNOLOGY. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(E) THIS RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT TREATMENT. I certify under the penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(F) THIS RESTRICTED DEBRIS HAS BEEN TREATED IN ACCORDANCE WITH 40 CFR 268.45. I certify under penalty of law that the debris has been treated in accordance with the requirements of 40 CFR 268.45. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(G) THIS LAB PACK DOES NOT CONTAIN ANY WASTES IDENTIFIED AT APPENDIX IV TO PART 268. I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under appendix IV to 40 CFR part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

(H) THIS RESRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(I) THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND HAS BEEN TREATED FOR UNDERLYING HAZARDOUS CONSTITUENTS. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(J) THIS RESTRICTED WASTE IS SUBJECT TO AN EXEMPTION FROM LAND DISPOSAL. This waste is subject to an exemption from a prohibition on the type of land disposal method utilized for the waste (such as, but not limited to, a case-by-case extension under 40 CFR Part 268.5, an exemption under 40 CFR 268.6, or a nationwide capacity variance under 40 CFR 269 Subpart C).

(K) THIS RESTRICTED WASTE WITH TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN THE WASTE PERSUANT TO 268.43, IF COMPLIANCE WITH THE TREATMENT STANDARDS IN SUBPART D OF THIS PART IS BASED IN PART OR IN WHOLE ON THE ANALYTICAL DETECTION LIMIT ALTERNATIVE IN 268.439(c). I certify under penalty of law that I have personally examined and

Generator Name: Clean Earth of Calvert City U.S. EPA ID #: KYD985073196

Manifest Document #: 008267393GBF

am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O, or 40 CFR Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with the applicable technical requirements, and I have been unable to detect that nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(L) THIS DECHARACTERIZED WASTE CONTAINS UNDERLYING HAZARDOUS CONSTITUENTS THAT REQUIRE FURTHER TREATMENT TO MEET UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristics. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(M) THIS WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR 268.40 TO REMOVE THE HAZARDOUS CHARACTERISTIC AND THE UNDERLYING HAZARDOUS CONSTITUENTS, AS DEFINED IN 268.2(I) HAVE BEEN TREATED ON-SITE TO MEET THE 268.48 UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that the above is true. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

(N) THIS CONTAMINATED SOIL *DOES / DOES NOT (*CIRCLE ONE*)* CONTAIN LISTED HAZARDOUS WASTE AND *DOES / DOES NOT (*CIRCLE ONE*)* EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND *IS SUBJECT TO / COMPLIES WITH (*CIRCLE ONE*)* THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with the treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

I hereby certi ... id
true to the bes

Generator Sig (b)(6)(b)(7)(C)

Printed Name

Please use one Land Disposal Restriction & Certification Form per manifest.

Supplemental Block 14 Report

Contract Number:

Manifest Tracking Number:006267393GBF

Manifest Line	DO Number	DO Item Number(s)	DOT Shipping Name	# of Conts.	Cont. Type	Weight/ Volume	UOM	EPA Codes
1			Flammable liquids, n.o.s.	85	DM	36362.00	P	D001, D005, D007, D008, D010, D035, F003, F005

94514.

GREEN AMERICA RECYCLING L.L.C.

Hannibal, MO 63401

Date 04-06-20
Inbound Time 07:34 PM
Truck# 52
Transaction 69
Weight 76560 lb

GENERATOR Clean Earth of Calverton City.

MANIFEST# 006267393BF

COMMODITY Drum.

GROSS:

CH: 52.

Date 04-07-20
Inbound Time 07:34 PM
Outbound Time 07:25 PM
Truck# 52
Transaction 69

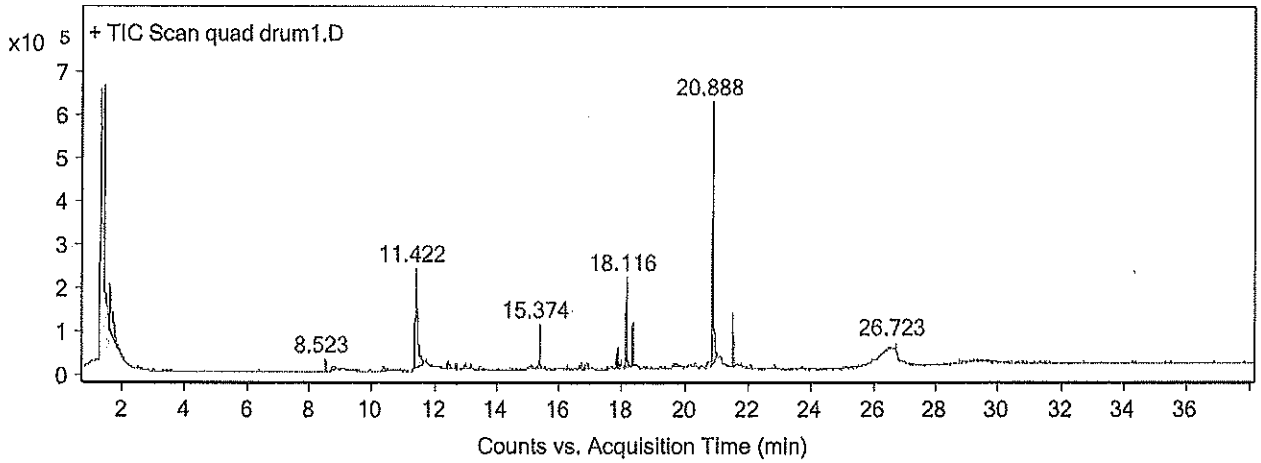
Gross 76560 lb
Tare 36280 lb
Net 40280 lb

Qualitative Analysis Report

Data File	quad drum1.D	**Sample Name**	quad drum direct
Sample Type		**Position**	1
Instrument Name	5977B MSD 1	**User Name**	
Acq Method	MDIRECT.M	**Acquired Time**	4/11/2020 4:54:53 PM (UTC-05:00)
IRM Calibration Status	Not Applicable	**DA Method**	test2018-1121.m
Comment	no istd thick liquid direct inject		
Expected Barcode		**Sample Amount**	
Dual Inj Vol		**TuneName**	atune.u
TunePath	D:\MassHunter\GCMS\1\5977\	**TuneDateStamp**	2020-04-06T07:00:52-05:00
MSFirmwareVersion	6.00.34	**OperatorName**	
RunCompletedFlag	True	**Acquisition Time (Local)**	4/11/2020 4:54:53 PM (UTC-05:00)
Acquisition SW Version	MassHunter GC/MS Acquisition B.07.05.2479 23-Aug-2016 Copyright © 1989-2016 Agilent Technologies, Inc.		

Chromatograms

Fragmentor Voltage	Collision Energy	0	Ionization Mode	Unspecified

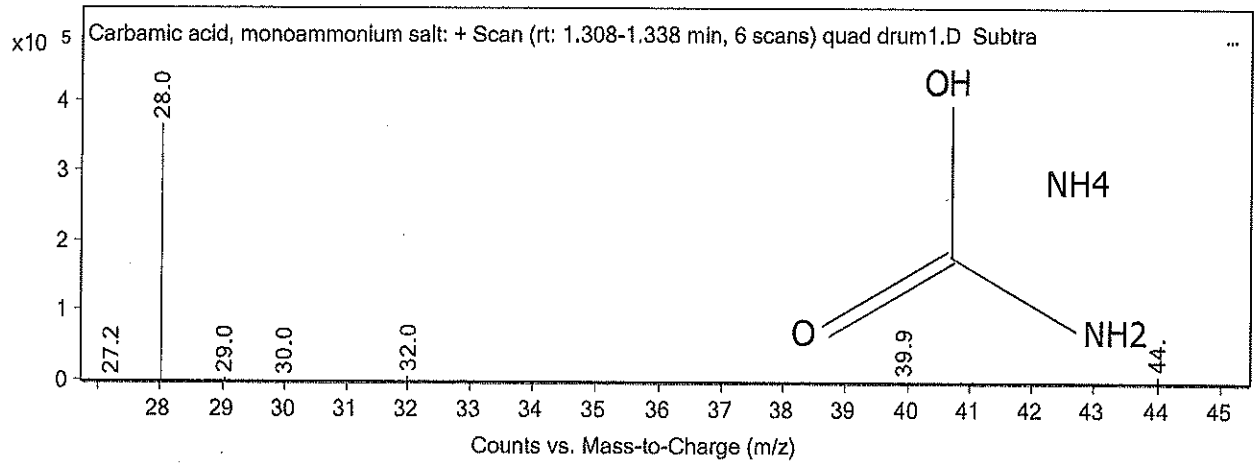


Integration Peak List

Peak	Start	RT	End	Height	Area	Area %
1	1.284	1.32	1.338	622488.63	908241.9	17.86
2	1.338	1.447	1.604	629668.16	5084822.21	100
3	1.604	1.629	1.917	105930.83	670814.57	13.19
4	11.355	11.422	11.628	227328.65	1090627.05	21.45
5	15.332	15.374	15.475	98931.83	173952.81	3.42
6	17.838	17.862	17.929	47575.31	103737.18	2.04
7	18.081	18.116	18.219	207077.17	383878.95	7.55
8	18.298	18.328	18.389	101377.88	167325.43	3.29
9	20.816	20.888	20.967	606526.89	1701206.23	33.46
10	21.471	21.506	21.572	124340.92	236970.55	4.66

Spectra

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (1) in "+ TIC Scan"		0	Unspecified

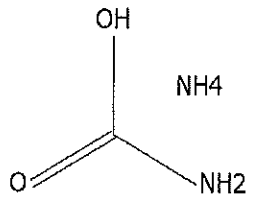


Peak List

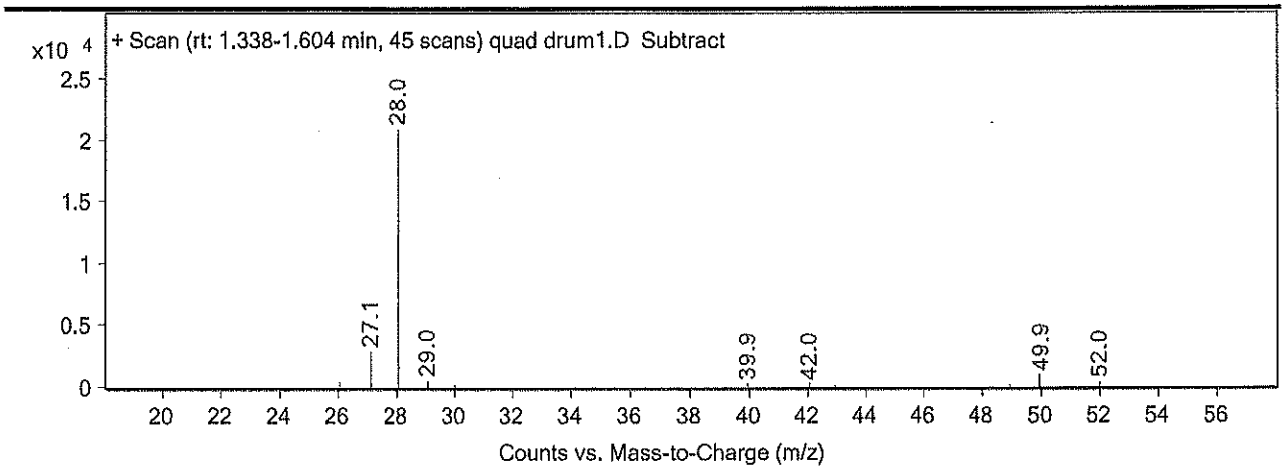
m/z	z	Abund
27.2		1352.47
28	1	365309.94
29	1	2871.7
30	1	165.71
32		6041.14
39.9		750.43
44		8093.14

Spectrum Structure

Carbamic acid, monoammonium salt



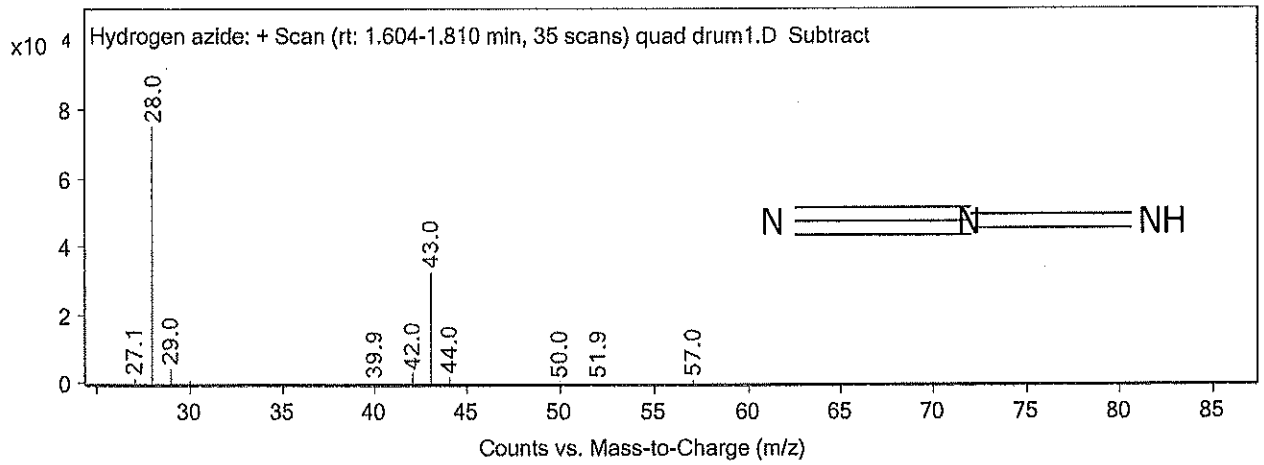
Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (2) in "+ TIC Scan"		0	Unspecified



Peak List

m/z	z	Abund
26		486.27
27.1		2890.15
28	1	20858.22
29	1	464.84
30	1	215.02
39.9		225.54
42		226.09
42.9		121.37
49.9		957.05
52		317.82

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (3) in "+ TIC Scan"		0	Unspecified



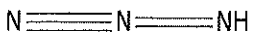
Peak List

m/z	z	Abund
26		215.1
27.1		1255.97
28		75222.21

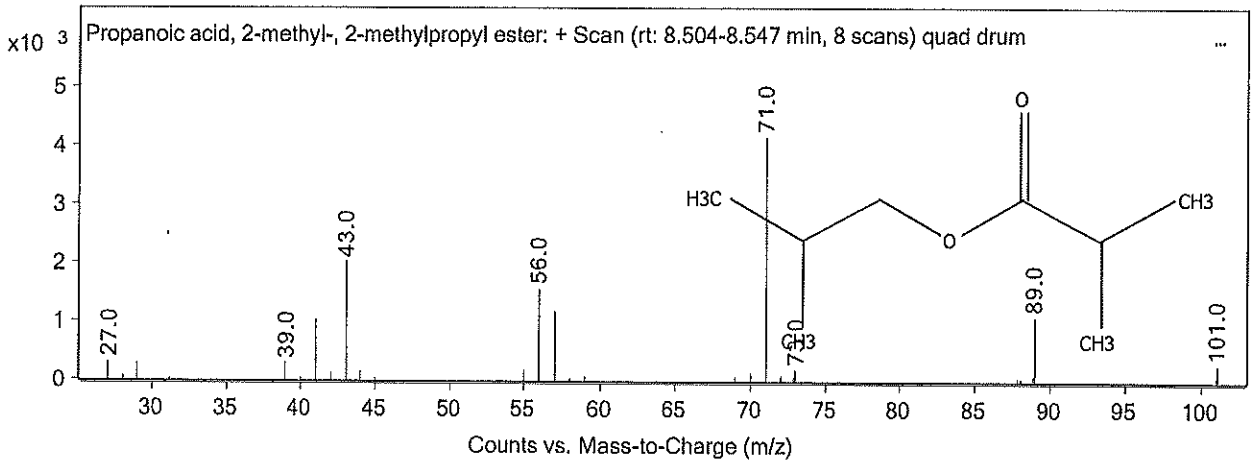
29		4126.62
30		734.4
42		3033.97
43	1	32667.92
44	1	1758.78
50		477.68
57		716.07

Spectrum Structure

Hydrogen azide



Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (4) in "+ TIC Scan"		0	Unspecified



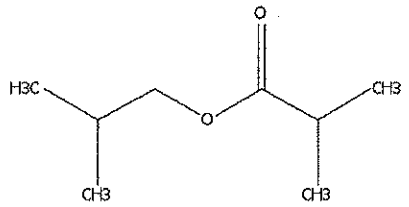
Peak List

m/z	z	Abund
27		307.04
29		276.33
39		291.71
41		1031.98
43		2025.13
56		1570.69
57		1174.61
71	1	4153.66
89		1100.23
101		276.27

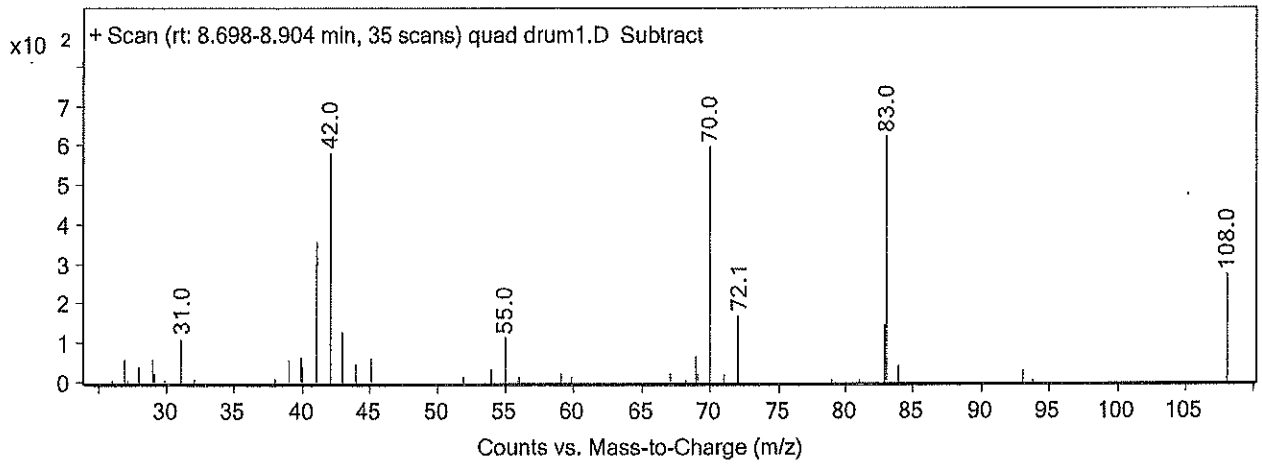
Qualitative Analysis Report

Spectrum Structure

Propanoic acid, 2-methyl-, 2-methylpropyl ester



Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (5) in "+ TIC Scan"		0	Unspecified

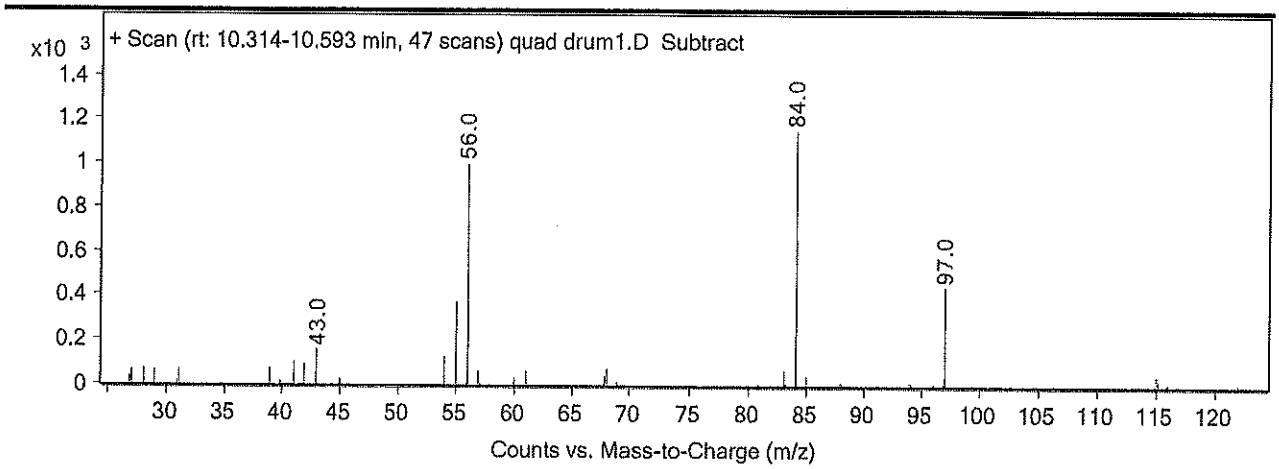


Peak List

m/z	Abund
31	111.72
41	354.88
42	582.25
43	126.29
55	113.09
70	596.62
72.1	168.21
82.9	145.35
83	622.46
108	271.82

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (6) in "+ TIC Scan"		0	Unspecified

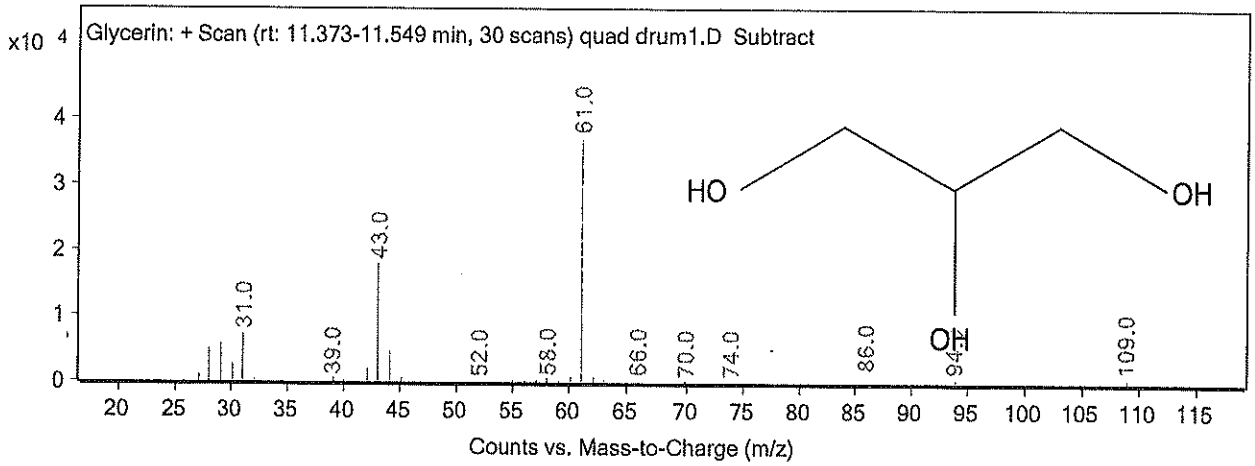
Qualitative Analysis Report



Peak List

m/z	Abund
41	103.05
43	152.92
53.9	126.21
54	116.19
55	371.07
56	998.31
84	1150.44
97	439.61

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (7) in "+ TIC Scan"		0	Unspecified



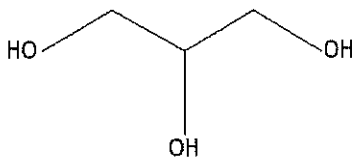
Peak List

m/z	z	Abund
27		1089.71
28		4989.48
29		5944.8
30		2730.13
31		7320.9

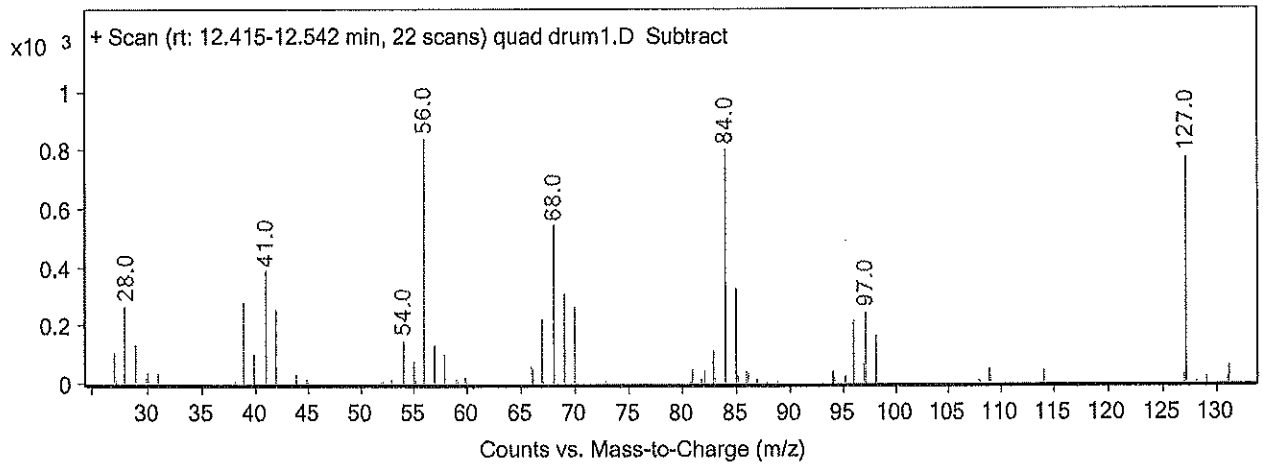
42		2229.23
43		18105.5
44		4756.05
61	1	37329.04
86		1273.35

Spectrum Structure

Glycerin



Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (8) in "+ TIC Scan"		0	Unspecified

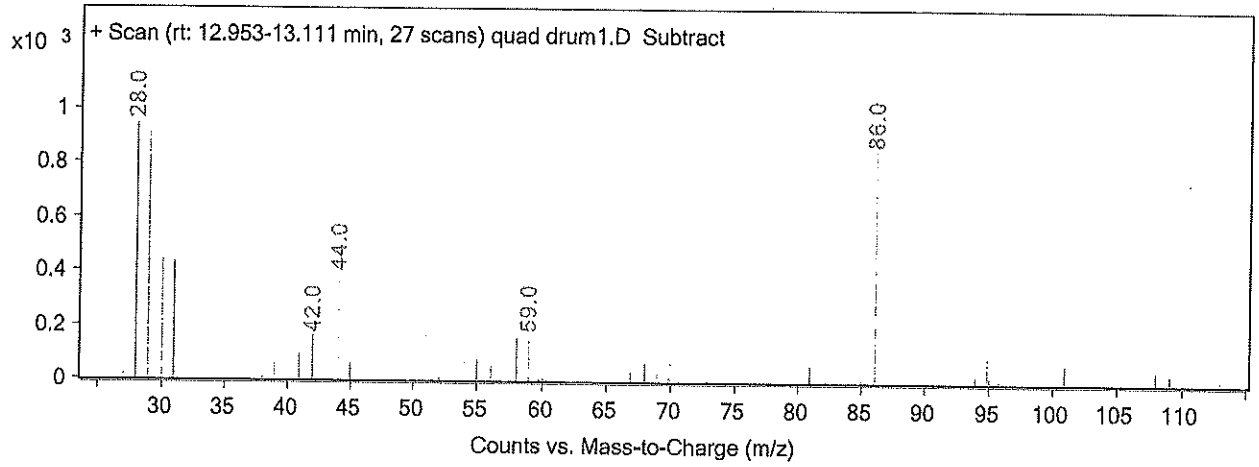


Peak List

m/z	Abund
28	267.57
39	282.45
41	391.64
56	841.32
68	546.43
69	309.72
70	264.03
84	803.67
85	327.43
127	773.67

Qualitative Analysis Report

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (9) in "+ TIC Scan"		0	Unspecified

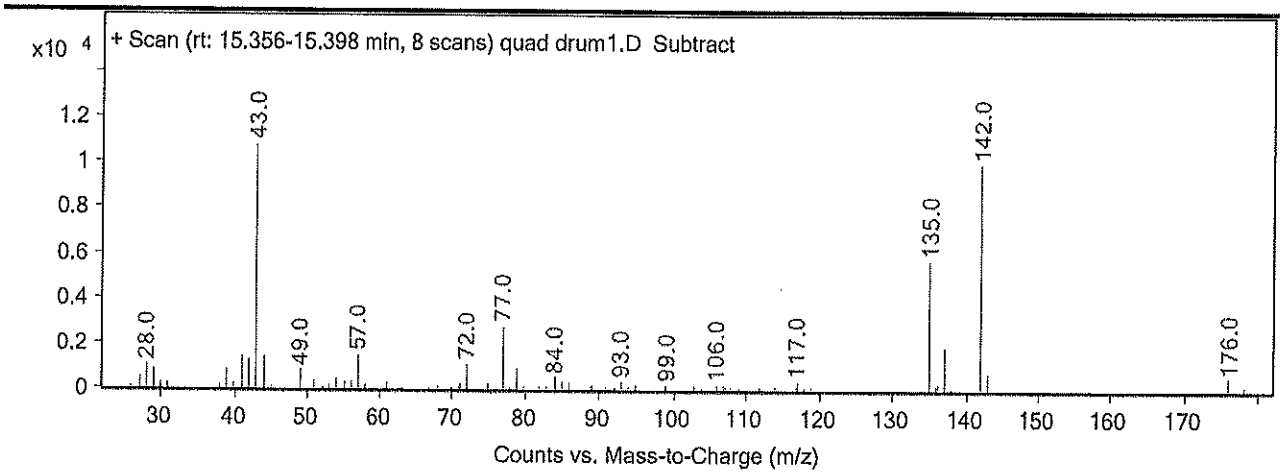


Peak List

m/z	Abund
27	122.87
28	940.91
29	908.15
30	446.32
31	431.76
42	158.5
44	382.28
58	153.3
59	159.95
86	851.29

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (10) in "+ TIC Scan"		0	Unspecified

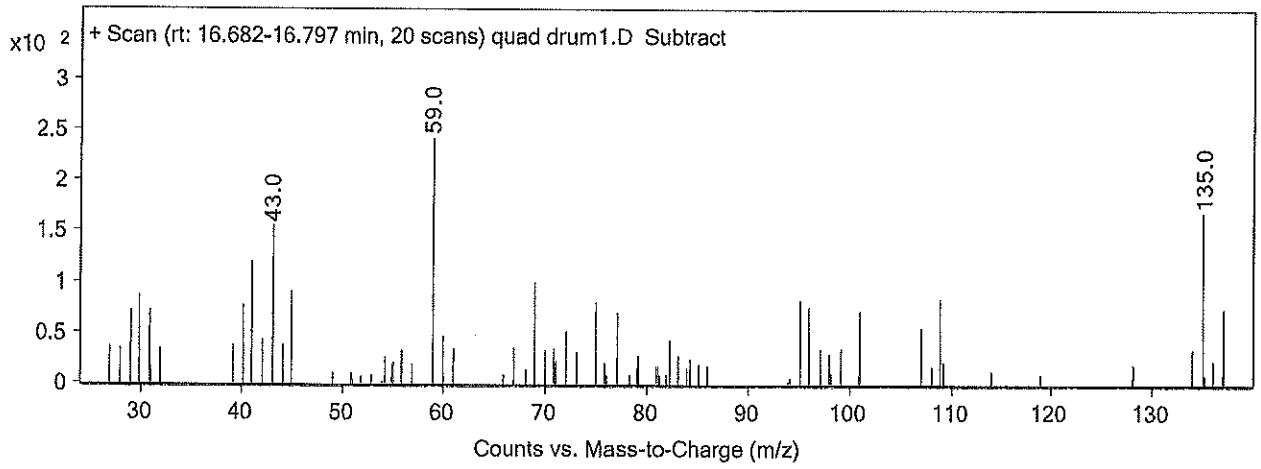
Qualitative Analysis Report



Peak List

m/z	z	Abund
41		1495.56
42		1305.11
43		10832.63
44		1469.58
57		1456.27
72		1094.05
77		2796.01
135	1	5666.1
137	1	1857.93
142	1	9990.45

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (11) In "+ TIC Scan"		0	Unspecified

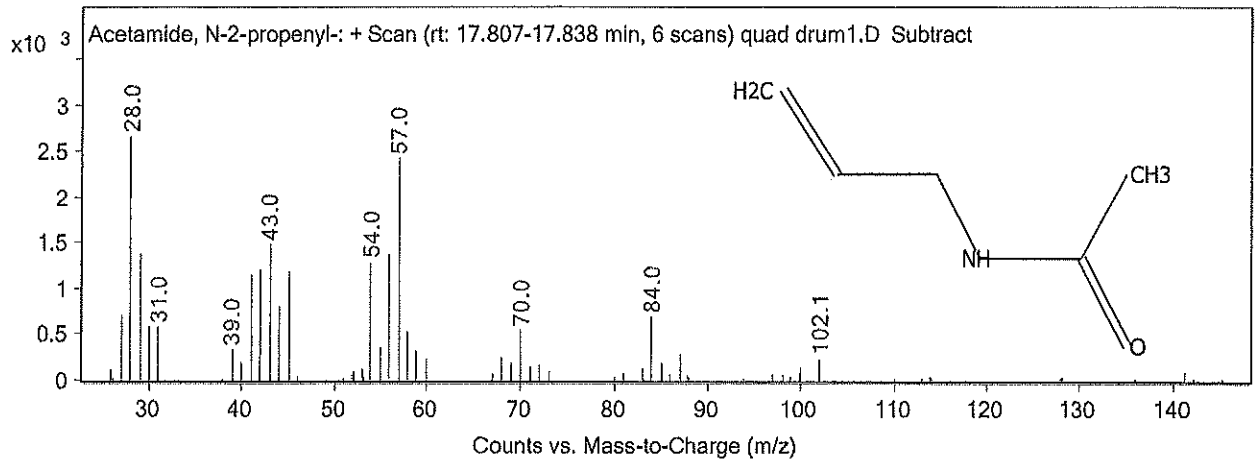


Peak List

m/z	Abund
41	119.99
43	154.95
59	242.05

135	168.93

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (12) in "+ TIC Scan"		0	Unspecified

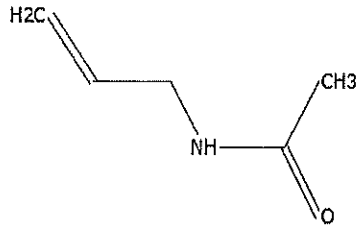


Peak List

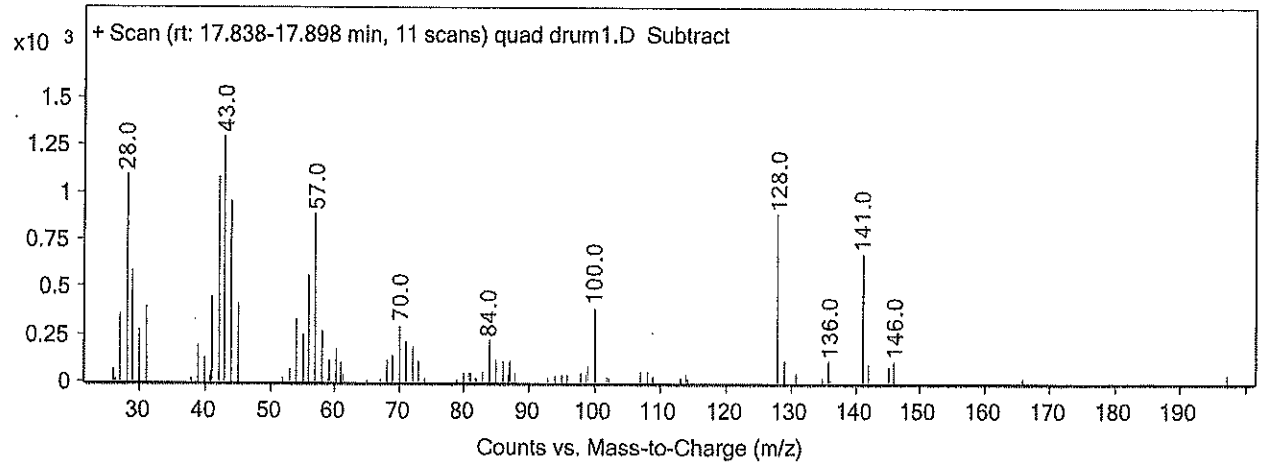
m/z	Abund
28	2667.04
29	1396.83
41	1141.7
42	1208.31
43	1485.2
44	819.6
45	1189.33
54	1283.81
56	1370.34
57	2422.84

Spectrum Structure

Acetamide, N-2-propenyl-



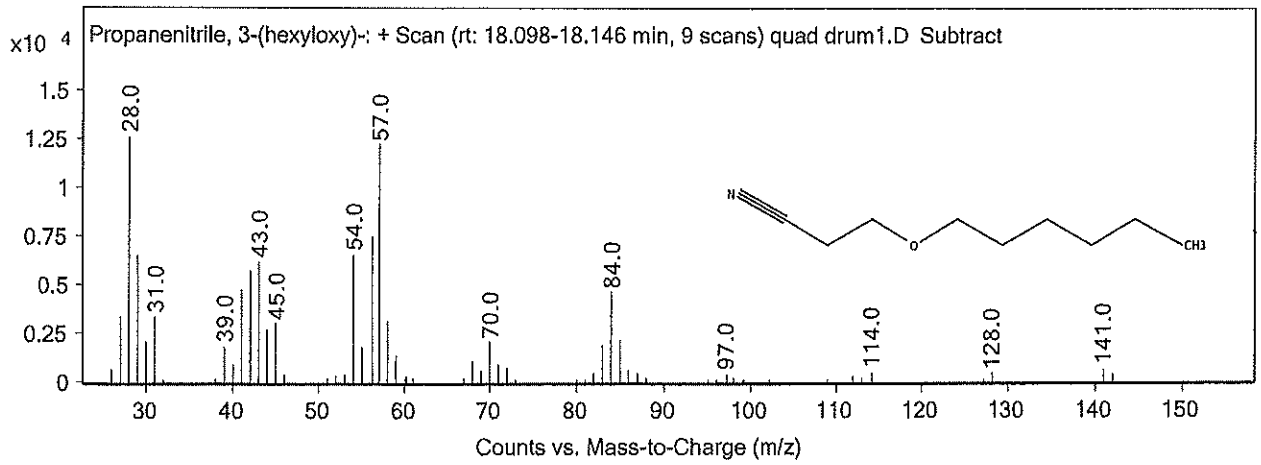
Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (13) in "+ TIC Scan"		0	Unspecified



Peak List

m/z	z	Abund
28		1094.37
29		588.42
41		445.75
42		1078.25
43		1295.34
44		955.96
56		562.16
57		885.07
128	1	883.86
141		677.15

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (14) in "+ TIC Scan"		0	Unspecified



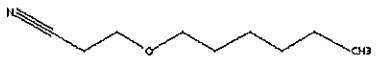
Peak List

m/z	Abund

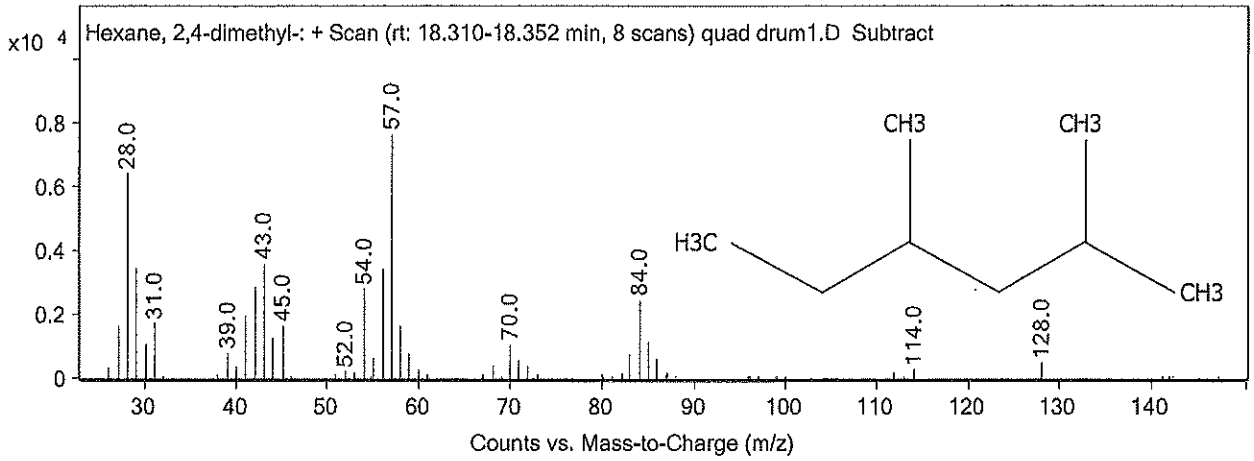
27	3351.37
28	12629.85
29	6524.16
41	4723.19
42	5754.55
43	6168.05
54	6535.58
56.1	7539.44
57	12201.26
84	4622.83

Spectrum Structure

Propanenitrile, 3-(hexyloxy)-



Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (15) In "+ TIC Scan"		0	Unspecified

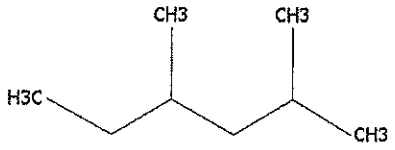


Peak List

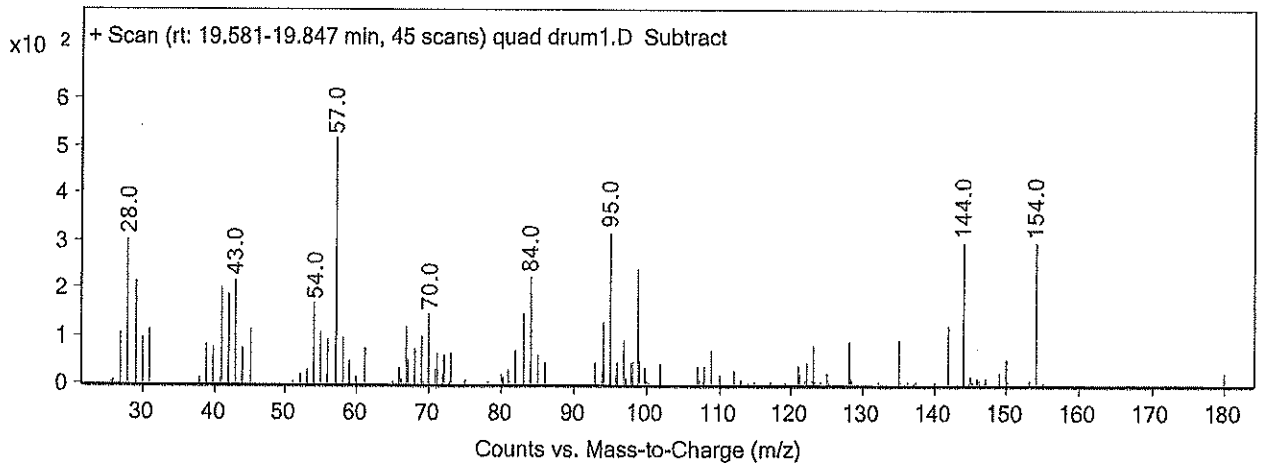
m/z	z	Abund
28		6414.26
29		3460.32
31		1702.76
41		1918.84
42		2843.64
43		3565.08
54		2794.28
56		3415.37
57		7634.5
84	1	2454.76

Spectrum Structure

Hexane, 2,4-dimethyl-



Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (16) in "+ TIC Scan"		0	Unspecified

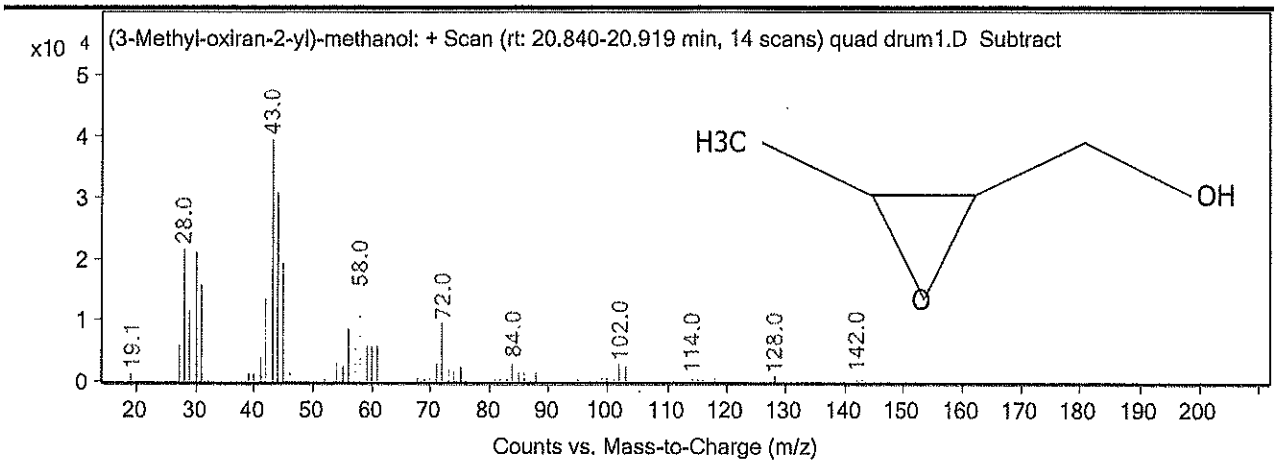


Peak List

m/z	Abund
28	302.02
29	214.95
41	199.74
43	216.26
57	515.01
84	222.72
95	317.21
99	241.74
144	295.34
154	296.35

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (17) in "+ TIC Scan"		0	Unspecified

Qualitative Analysis Report

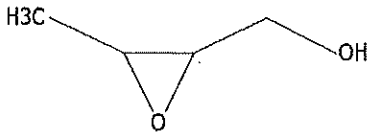


Peak List

m/z	z	Abund
28		21714.19
29		11814.97
30.1		21006.01
31	1	15772.05
42		14205.97
43		39625.74
44		30748.77
45		19314.69
57		14084.83
58		14705.55

Spectrum Structure

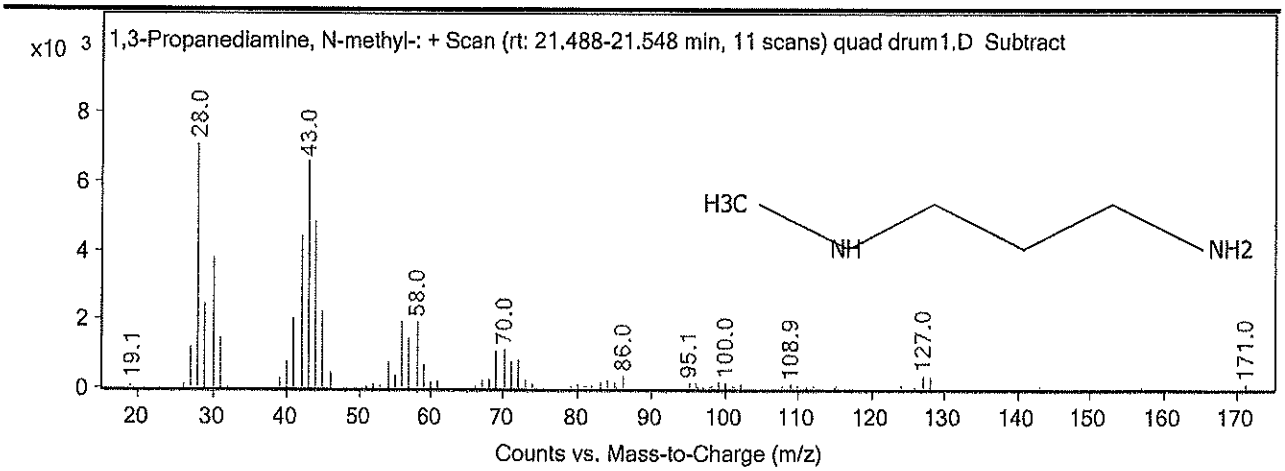
(3-Methyl-oxiran-2-yl)-methanol



Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (18) in "+ TIC Scan"		0	Unspecified

Agilent Technologies

Qualitative Analysis Report

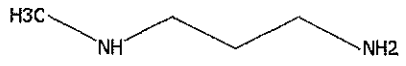


Peak List

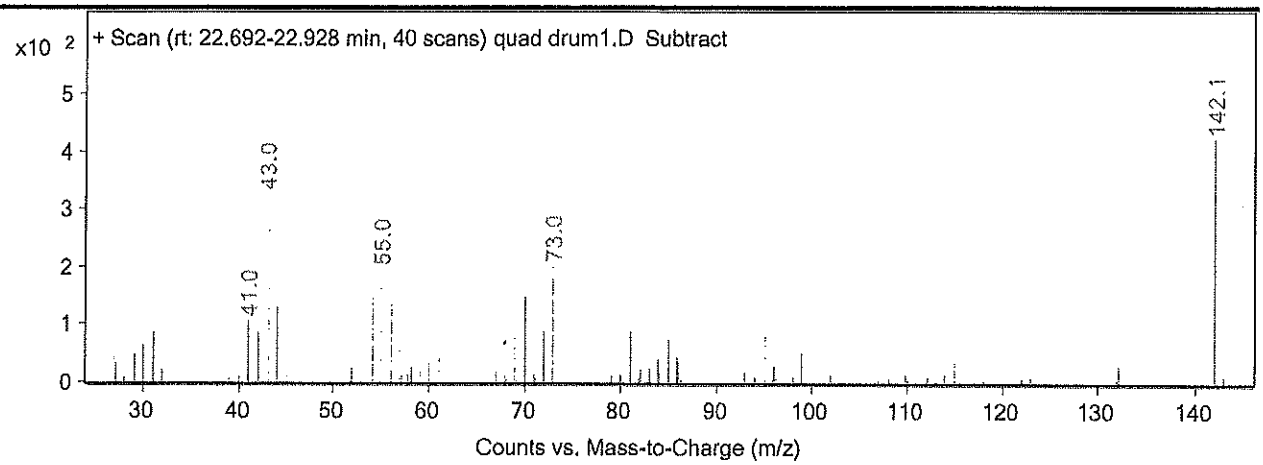
m/z	Abund
28	7130.79
29	2492.46
30	3784.02
41	2020.08
42	4415.84
43	6594.96
44	4908.97
45	2202.64
56	1910.71
58	1933.87

Spectrum Structure

1,3-Propanediamine, N-methyl-



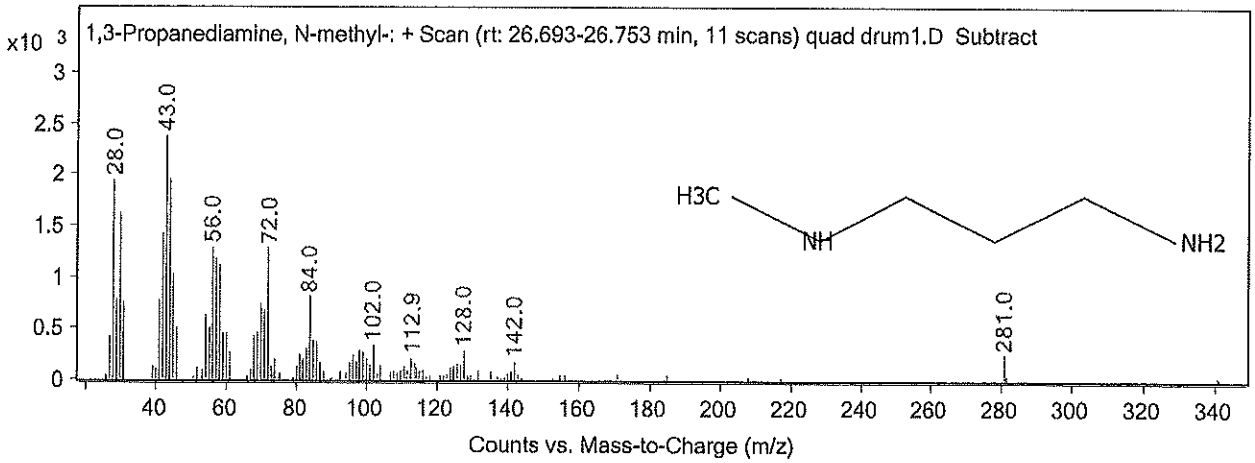
Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (19) In "+ TIC Scan"		0	Unspecified



Peak List

m/z	Abund
43	326.09
44	132.44
54	148.38
55	194.63
56	133.01
57	150.72
70	148.08
73	202.17
142	379.91
142.1	421.85

Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (20) in "+ TIC Scan"		0	Unspecified



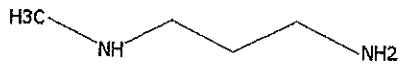
Peak List

m/z	Abund
28	1943.06
30	1630.92
42	1432.72

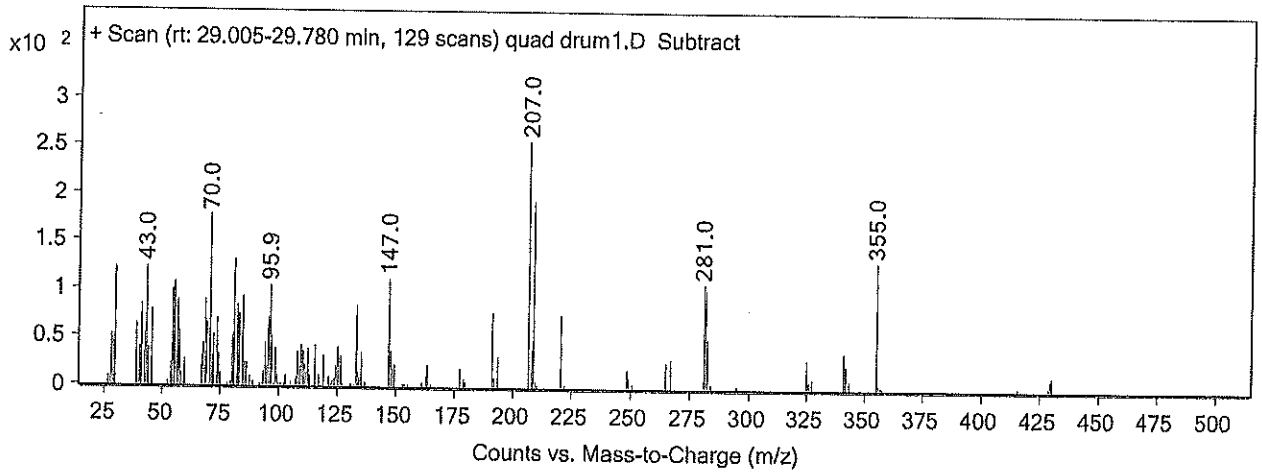
43	2386.41
44	1964.9
45	1023.43
56	1283.01
57	1188.94
58	1119.86
72	1276.39

Spectrum Structure

1,3-Propanediamine, N-methyl-



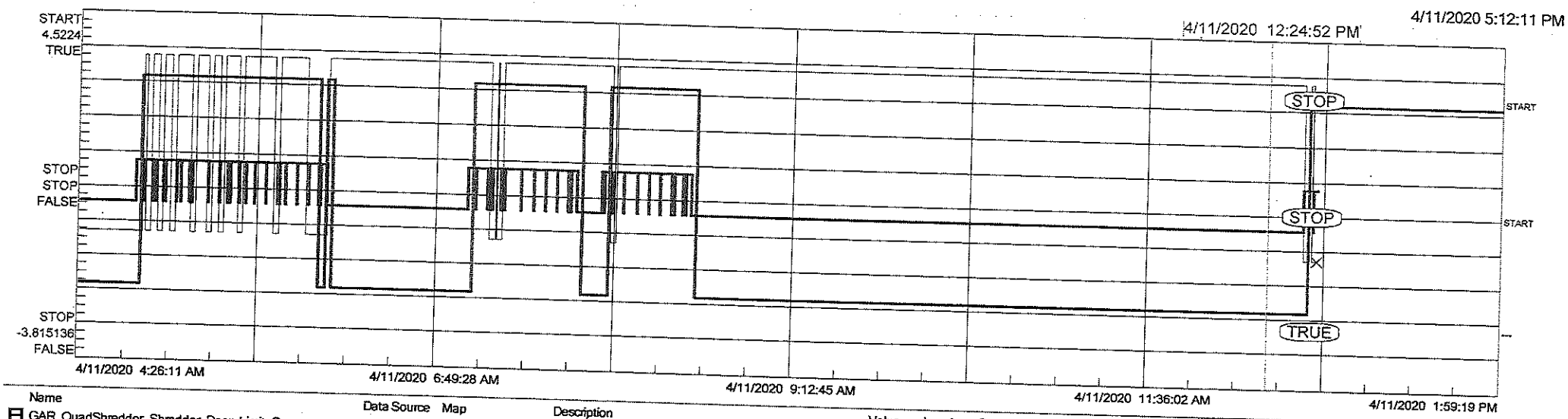
Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (21) In "+ TIC Scan"		0	Unspecified



Peak List

m/z	Abund
30	122.52
43	124.13
55	106.77
70	177.64
81	130.29
147	111.65
207	256.78
209	192.67
281	107.58
355	131.01

--- End Of Report ---



Name	Data Source	Map	Description	Value	Level	Status	Auto	Plot Min	Plot Max	Units	Shift	TZ	Type	Period	Method
GAR_QuadShredder_Shredder_Door_Limit_Sv	Hannibal	IP_DiscreteMap	Shredder Access Door LimitSwitch	***			☐	FALSE	TRUE		0	0:00:00	Best Fit	1 Hour	
GAR_QuadShredder_Shredder_Door_Limit_Sv	Hannibal	IP_DiscreteMap	Shredder Access Door LimitSwitch	***			☐	FALSE	TRUE		0	0:00:00	Best Fit	1 Hour	
GAR_QuadShredder_Shredder_Door_Limit_Sv	Hannibal	IP_DiscreteMap	Shredder Access Door LimitSwitch	***			☐	-0.73300	1.242097		0	0:00:00	Best Fit	1 Hour	
GAR_QuadShredder_Shredder_Ram_Extend_	Hannibal	IP_DiscreteMap	Shredder Ram Extend Solenoid	***			☐	FALSE	TRUE		0	0:00:00	Best Fit	1 Hour	
GAR_QuadShredder_Shredder_Ram_HPU_Ru	Hannibal	IP_DiscreteMap	Shredder Ram HPU Motor Starter	***			☐	-0.73300	1.242097		0	0:00:00	Best Fit	1 Hour	
GAR_QuadShredder_Shredder_Ram_Retract_	Hannibal	IP_DiscreteMap	Shredder Ram Retract Solenoid	***			☐	0.033497	1.021048		0	0:00:00	Best Fit	1 Hour	

4/11/2020 4:26:11 AM

+0 9:33:07

4/11/2020 1:59:19 PM