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

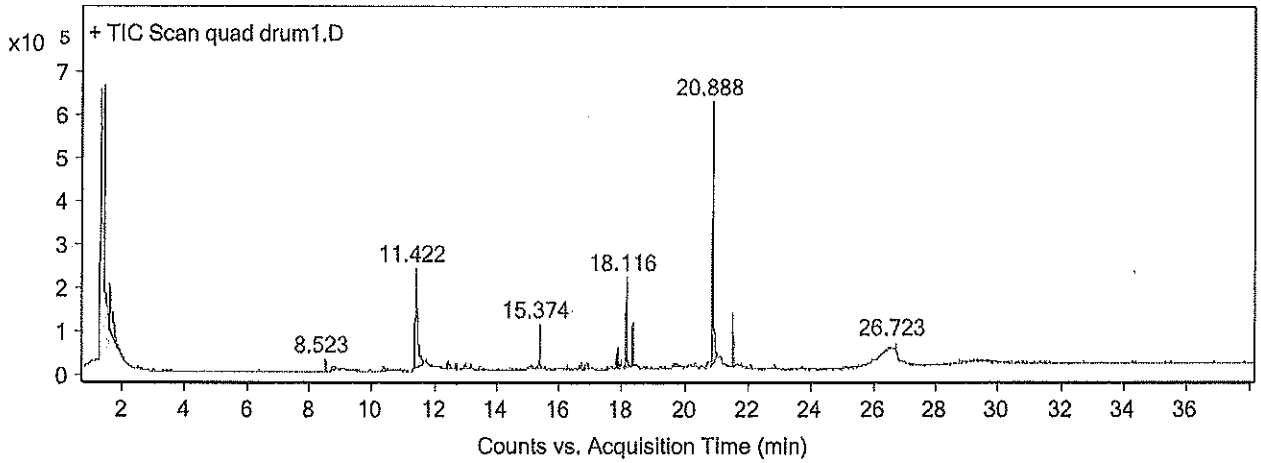
Gross 76560 lb
Tare 36280 lb
Net 40280 lb

# 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 |
|---|---|---|---|---|

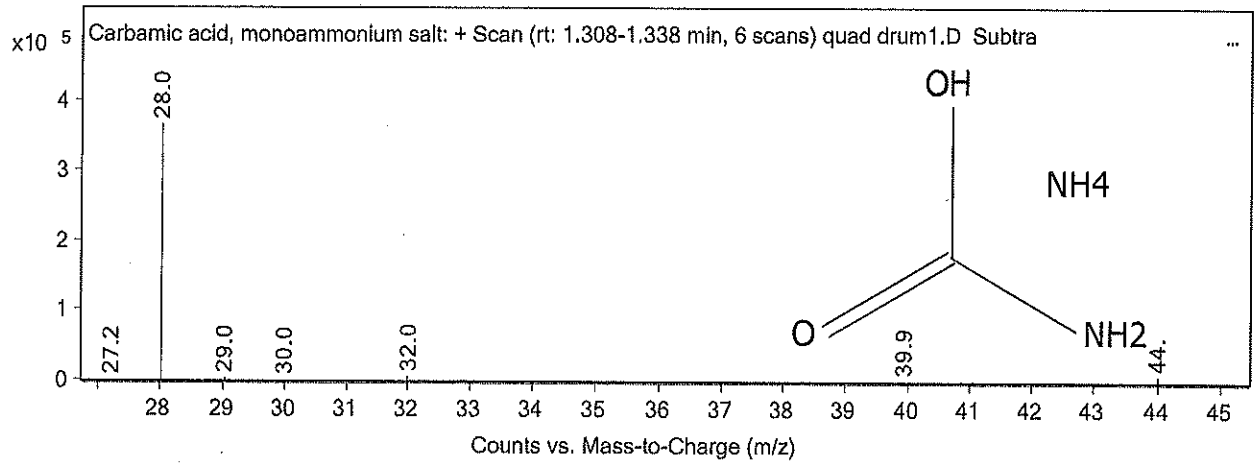



**Integration Peak List**

| 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 |

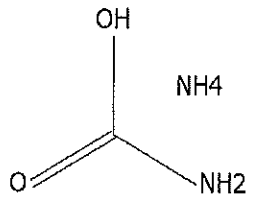



**Peak List**

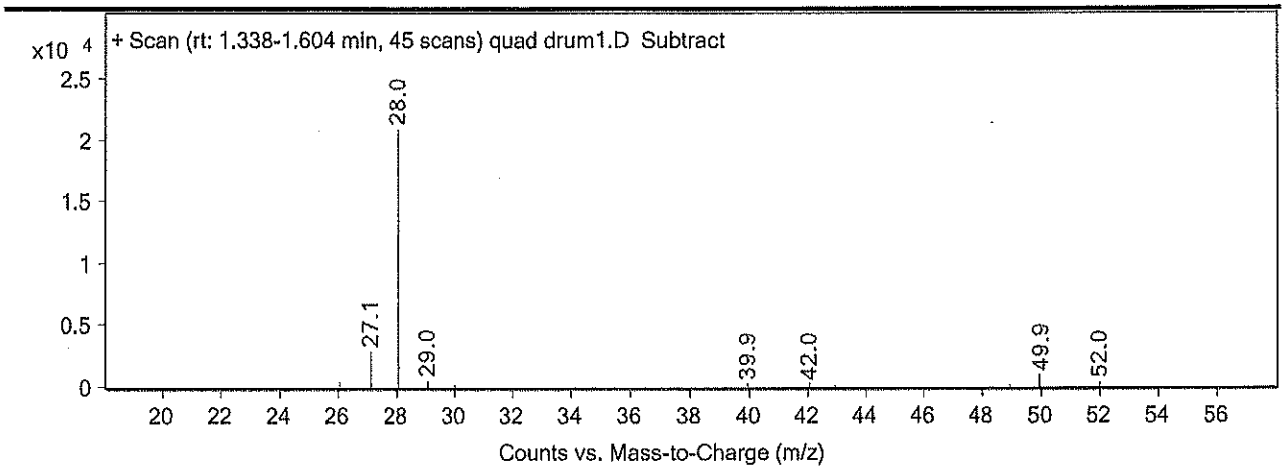
| m/z | z | Abund |
|---|---|---|
| 27.2 | | 1352.47 |
| 28 | 1 | 365309.94 |
| 29 | 1 | 2871.7 |
| 30 | 1 | 165.71 |
| 32 | | 6041.14 |
| 39.9 | | 750.43 |
| 44 | | 8093.14 |

**Spectrum Structure**

Carbamic acid, monoammonium salt



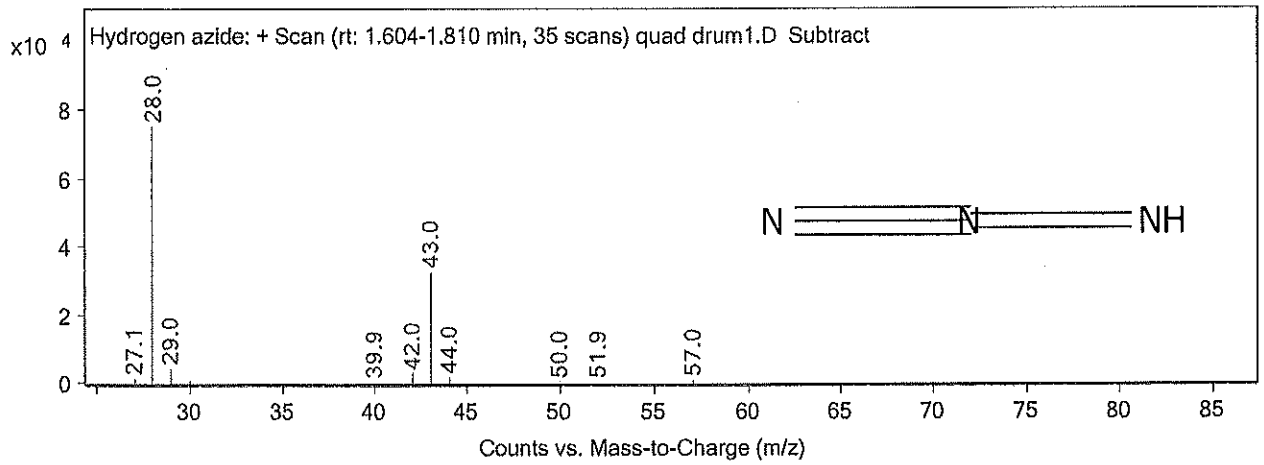

| Spectrum Source | Fragmentor Voltage | Collision Energy | Ionization Mode |
|---|---|---|---|
| Peak (2) in "+ TIC Scan" | | 0 | Unspecified |




**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 |



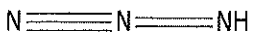

**Peak List**

| m/z | z | Abund |
|---|---|---|
| 26 | | 215.1 |
| 27.1 | | 1255.97 |
| 28 | | 75222.21 |

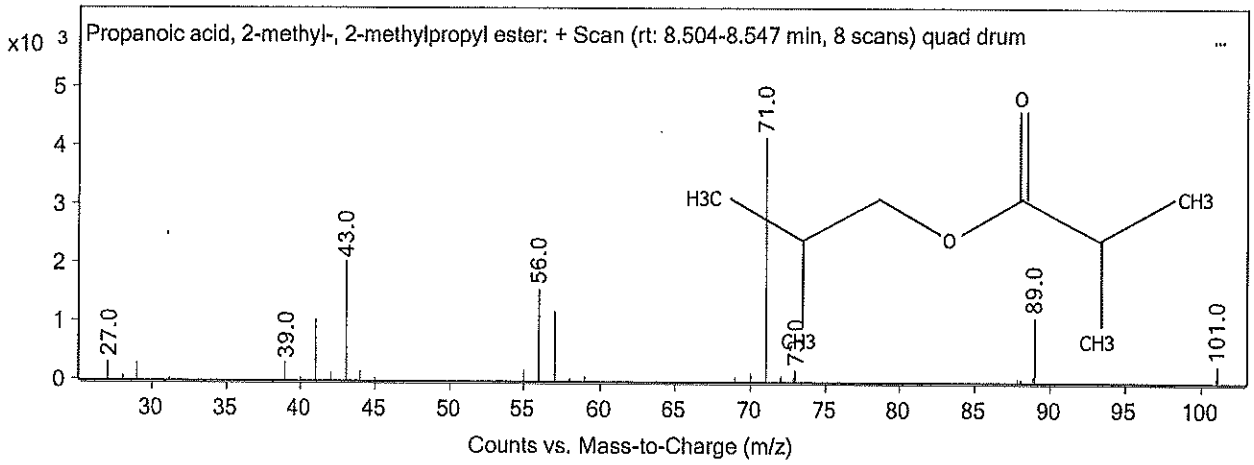
| | | |
|---|---|---|
| 29 | | 4126.62 |
| 30 | | 734.4 |
| 42 | | 3033.97 |
| 43 | 1 | 32667.92 |
| 44 | 1 | 1758.78 |
| 50 | | 477.68 |
| 57 | | 716.07 |

**Spectrum Structure**

Hydrogen azide




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



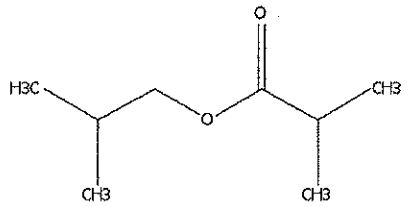

**Peak List**

| 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 |

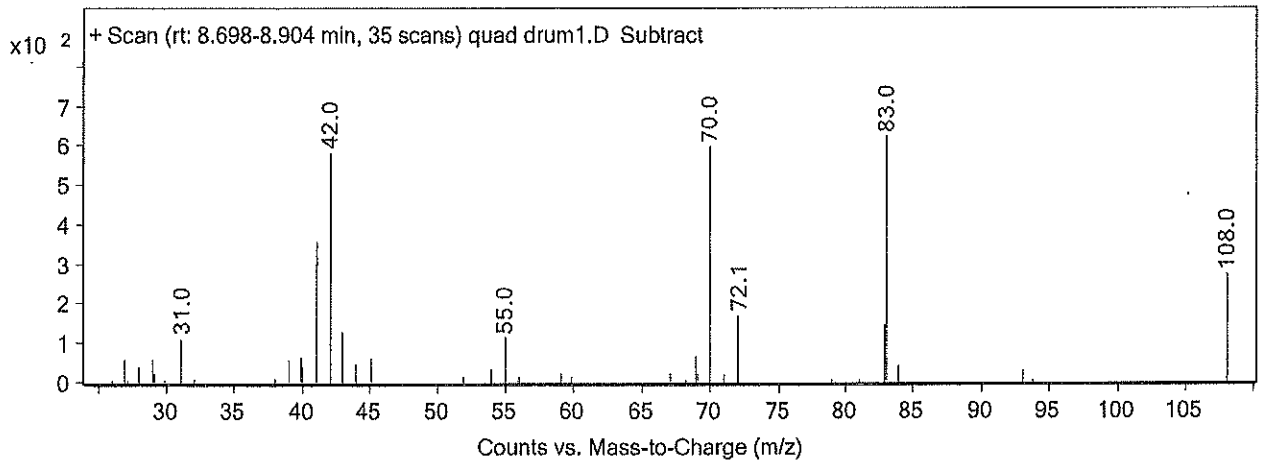
# Qualitative Analysis Report

**Spectrum Structure**

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




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

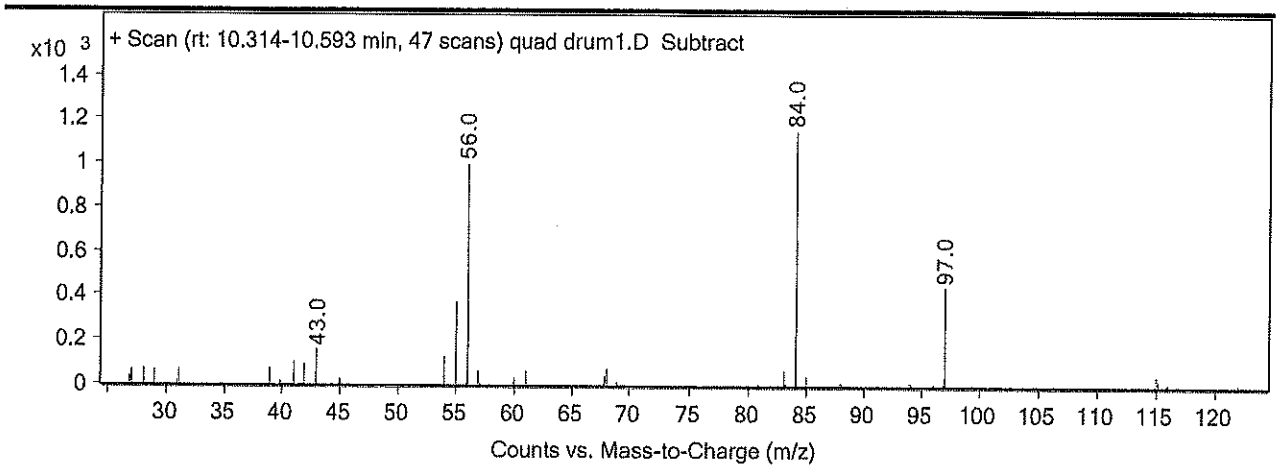



**Peak List**

| 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 |

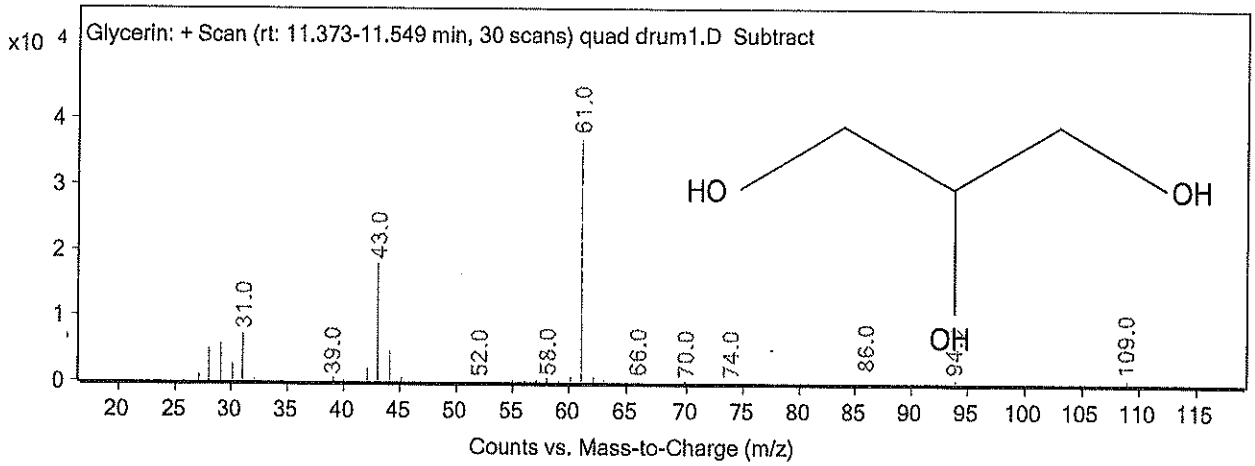
# Qualitative Analysis Report




**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 |



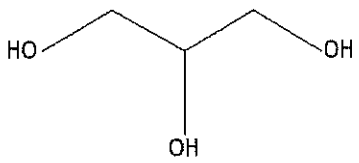

**Peak List**

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

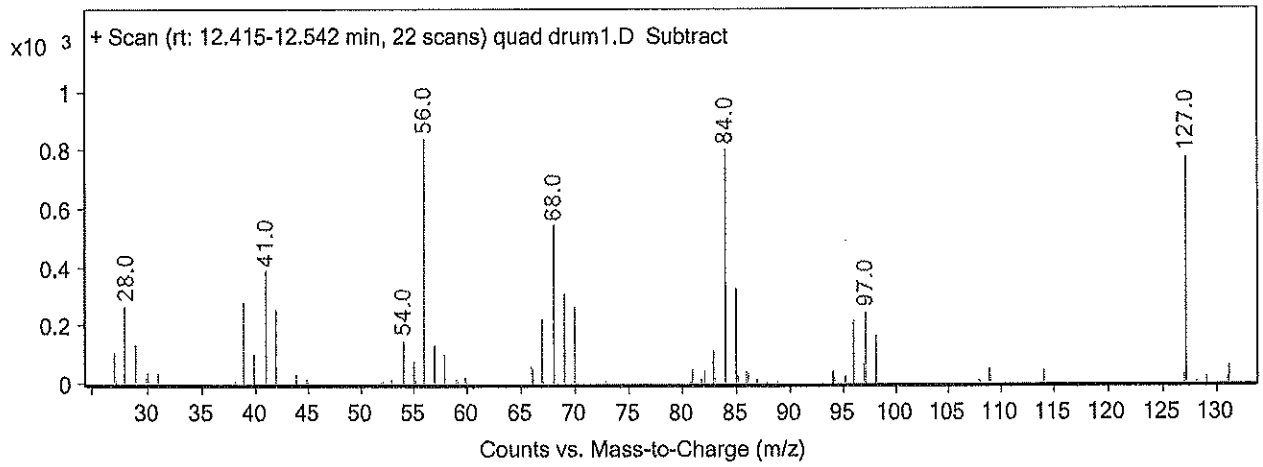
| | | |
|---|---|---|
| 42 | | 2229.23 |
| 43 | | 18105.5 |
| 44 | | 4756.05 |
| 61 | 1 | 37329.04 |
| 86 | | 1273.35 |

**Spectrum Structure**

Glycerin




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

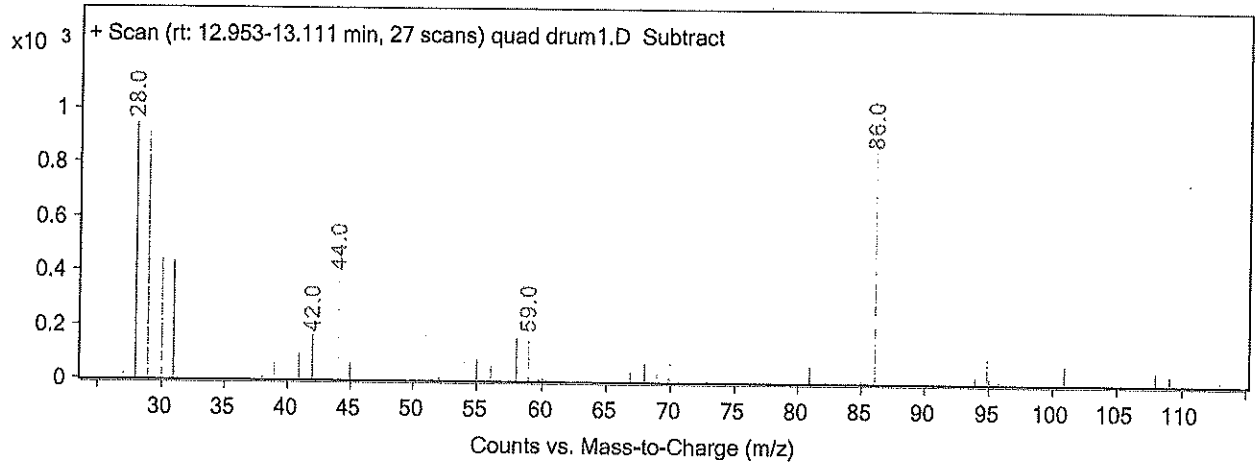



**Peak List**

| 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 |

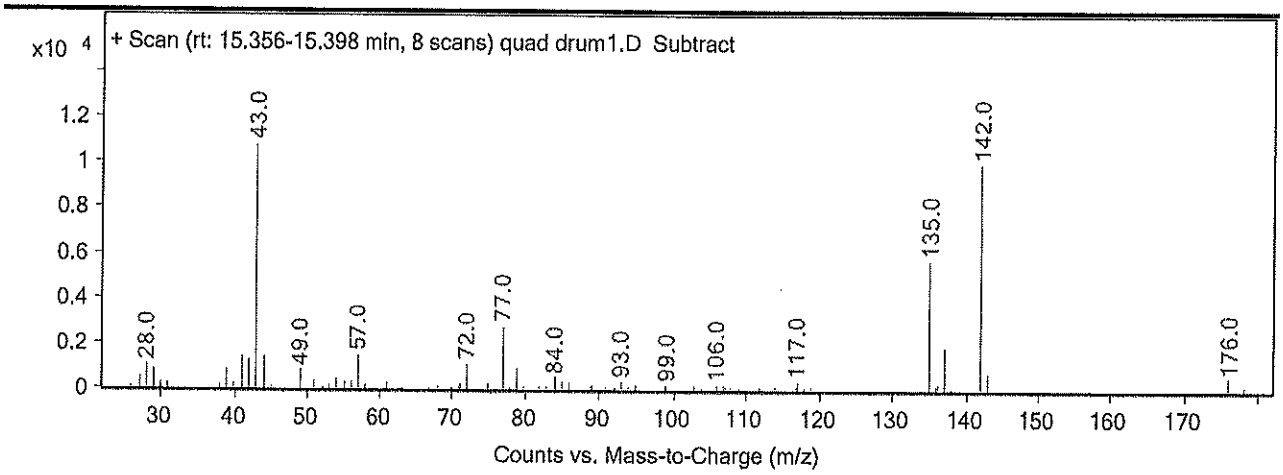



**Peak List**

| 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 |

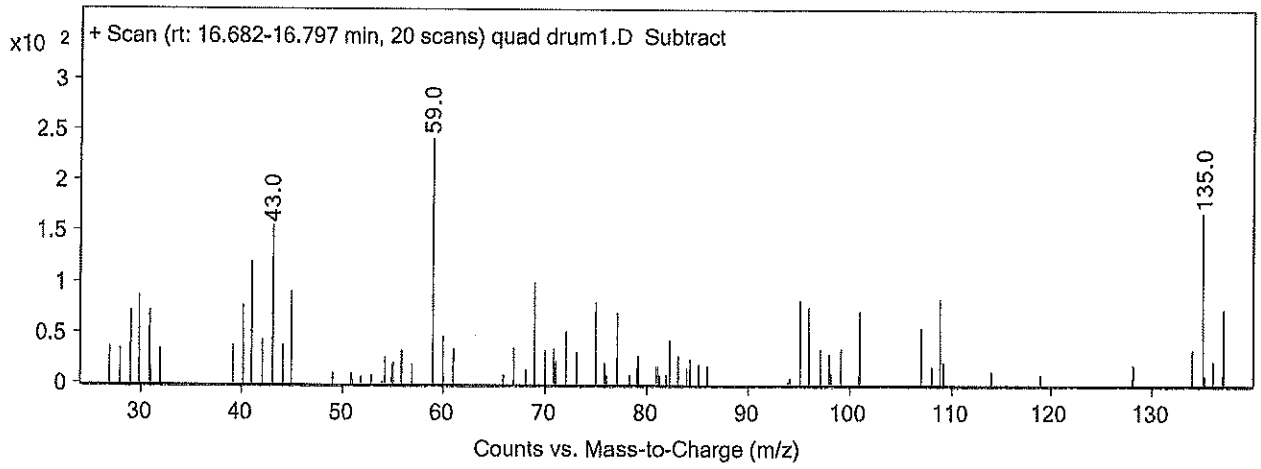
# Qualitative Analysis Report




**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 |

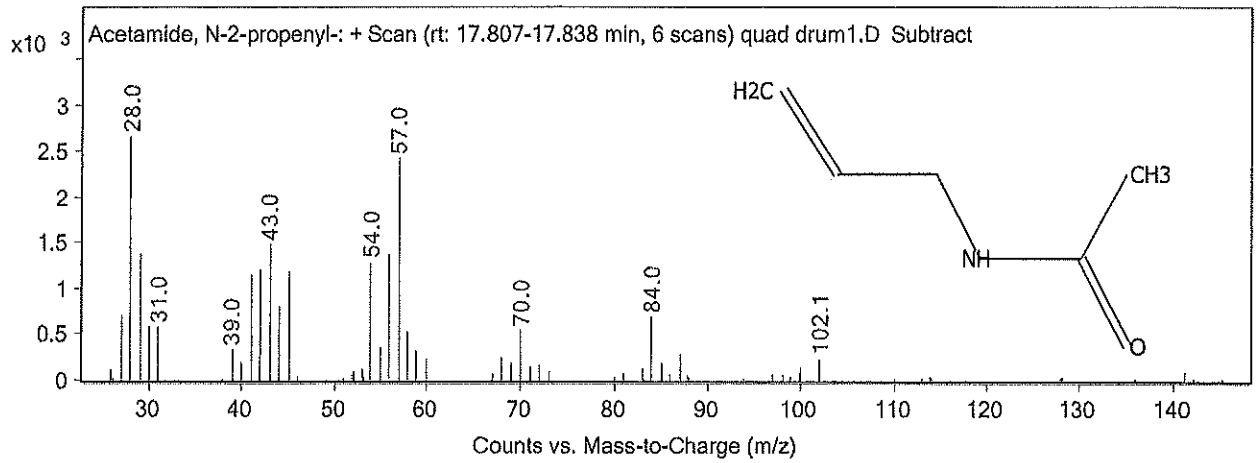



**Peak List**

| 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 |

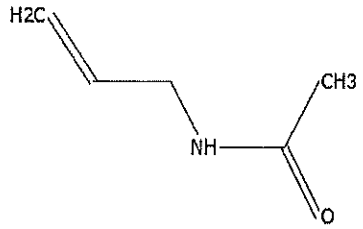



**Peak List**

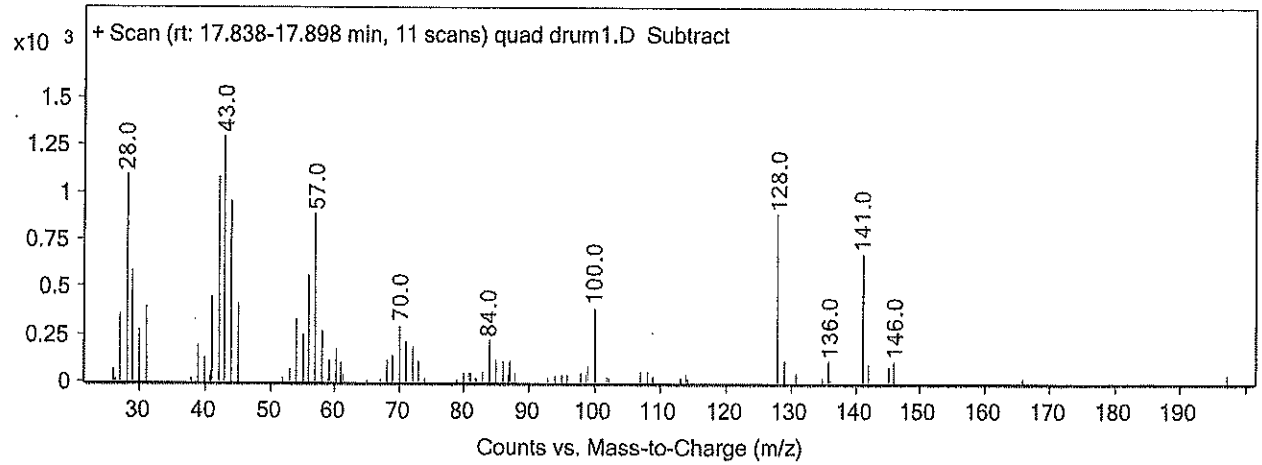
| m/z | Abund |
|---|---|
| 28 | 2667.04 |
| 29 | 1396.83 |
| 41 | 1141.7 |
| 42 | 1208.31 |
| 43 | 1485.2 |
| 44 | 819.6 |
| 45 | 1189.33 |
| 54 | 1283.81 |
| 56 | 1370.34 |
| 57 | 2422.84 |

**Spectrum Structure**

Acetamide, N-2-propenyl-



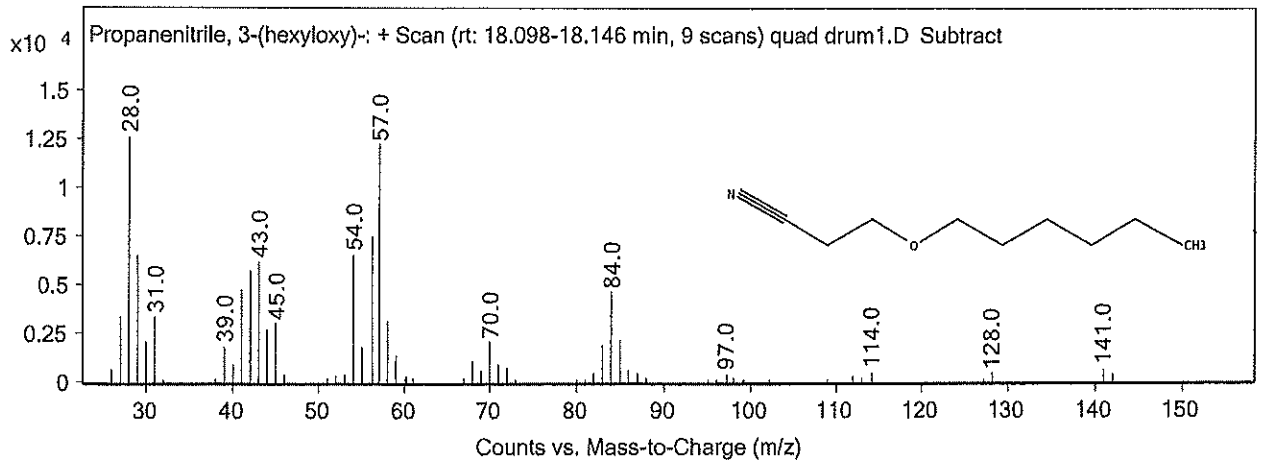

| Spectrum Source | Fragmentor Voltage | Collision Energy | Ionization Mode |
|---|---|---|---|
| Peak (13) in "+ TIC Scan" | | 0 | Unspecified |




**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 |



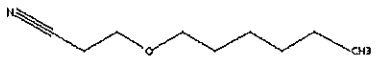

**Peak List**

| m/z | Abund |
|---|---|

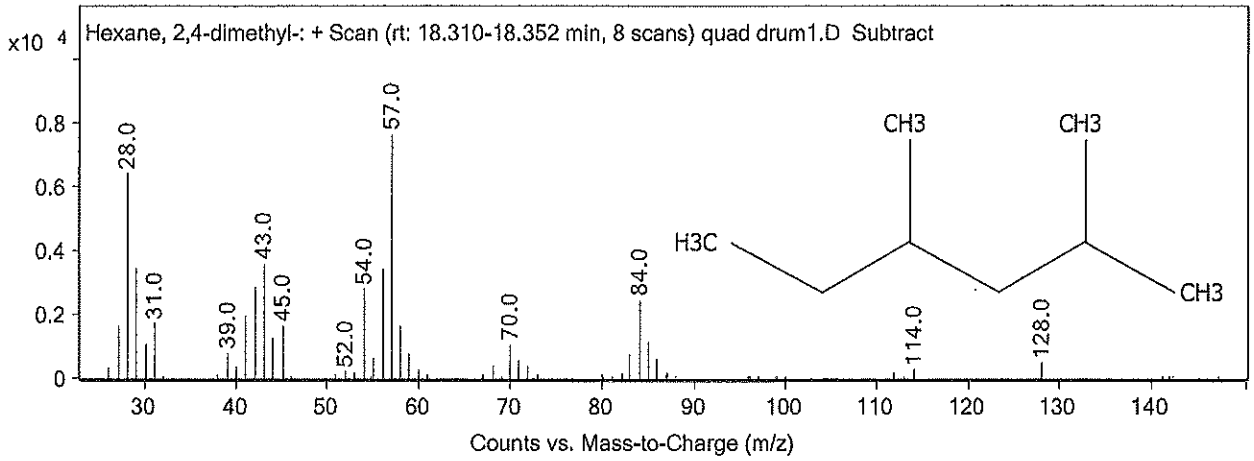
| | |
|---|---|
| 27 | 3351.37 |
| 28 | 12629.85 |
| 29 | 6524.16 |
| 41 | 4723.19 |
| 42 | 5754.55 |
| 43 | 6168.05 |
| 54 | 6535.58 |
| 56.1 | 7539.44 |
| 57 | 12201.26 |
| 84 | 4622.83 |

**Spectrum Structure**

Propanenitrile, 3-(hexyloxy)-



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

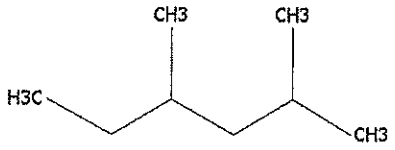



**Peak List**

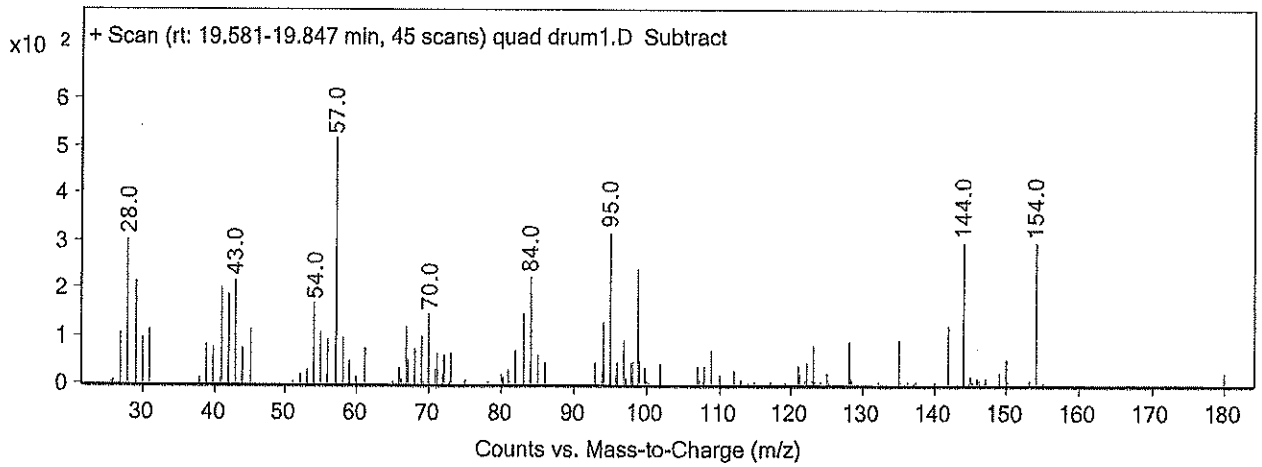
| m/z | z | Abund |
|---|---|---|
| 28 | | 6414.26 |
| 29 | | 3460.32 |
| 31 | | 1702.76 |
| 41 | | 1918.84 |
| 42 | | 2843.64 |
| 43 | | 3565.08 |
| 54 | | 2794.28 |
| 56 | | 3415.37 |
| 57 | | 7634.5 |
| 84 | 1 | 2454.76 |

**Spectrum Structure**

Hexane, 2,4-dimethyl-




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

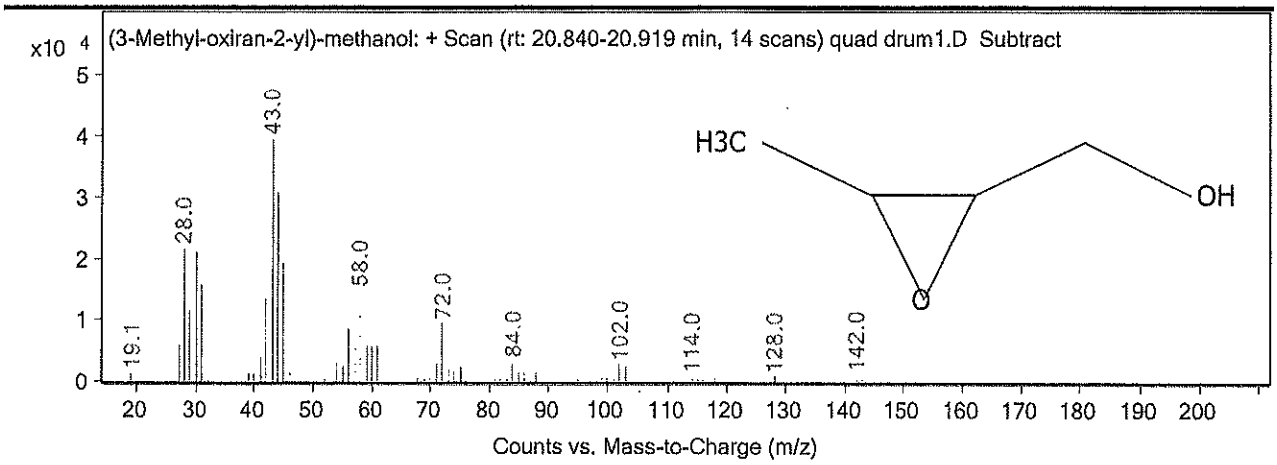



**Peak List**

| 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

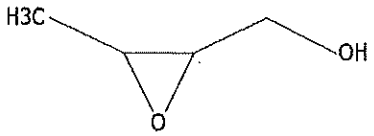



**Peak List**

| 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



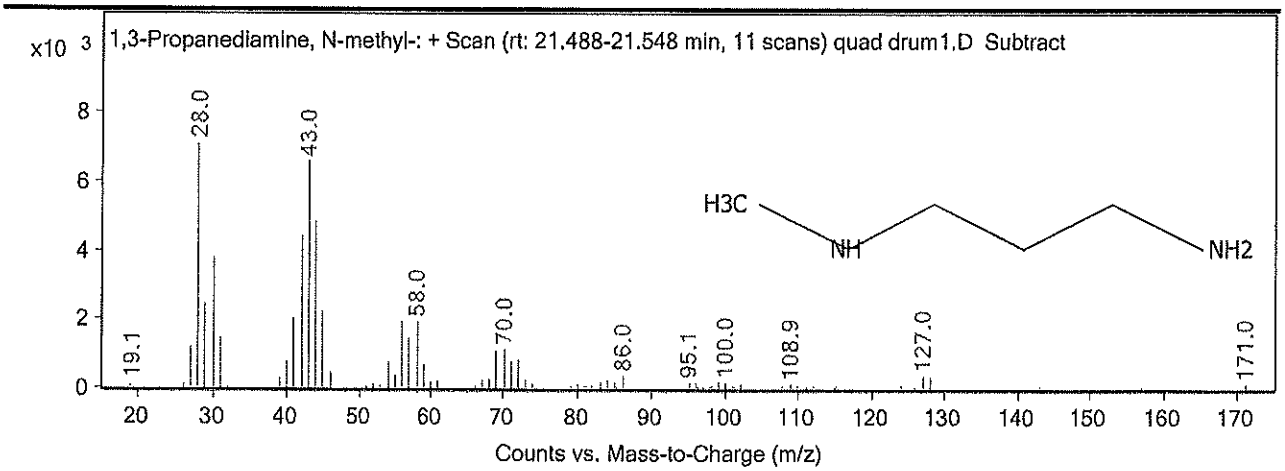

| Spectrum Source | Fragmentor Voltage | Collision Energy | Ionization Mode |
|---|---|---|---|
| Peak (18) in "+ TIC Scan" | | 0 | Unspecified |





Agilent Technologies

# Qualitative Analysis Report

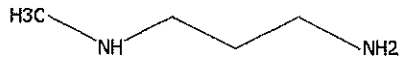



**Peak List**

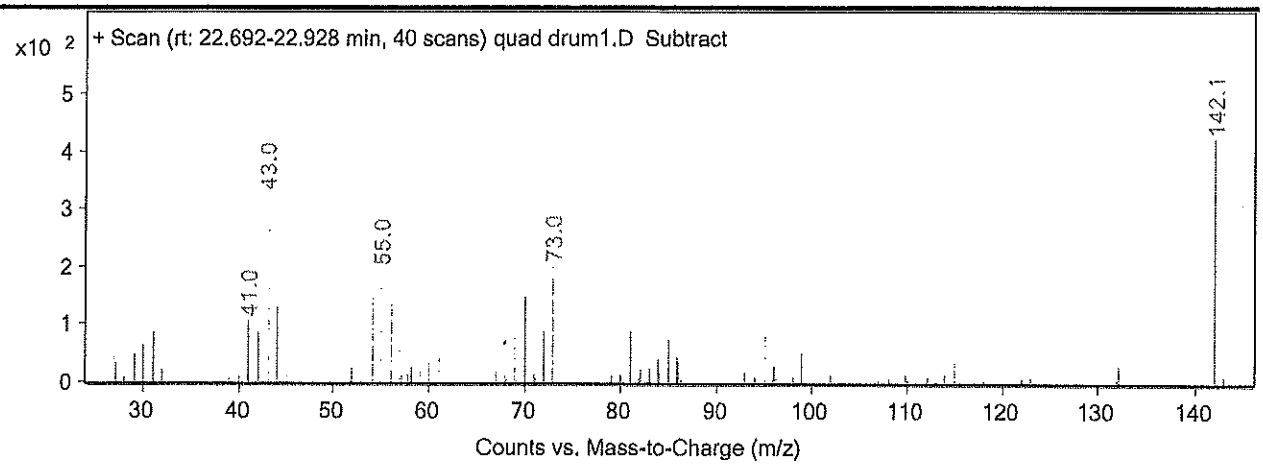
| m/z | Abund |
|---|---|
| 28 | 7130.79 |
| 29 | 2492.46 |
| 30 | 3784.02 |
| 41 | 2020.08 |
| 42 | 4415.84 |
| 43 | 6594.96 |
| 44 | 4908.97 |
| 45 | 2202.64 |
| 56 | 1910.71 |
| 58 | 1933.87 |

**Spectrum Structure**

1,3-Propanediamine, N-methyl-



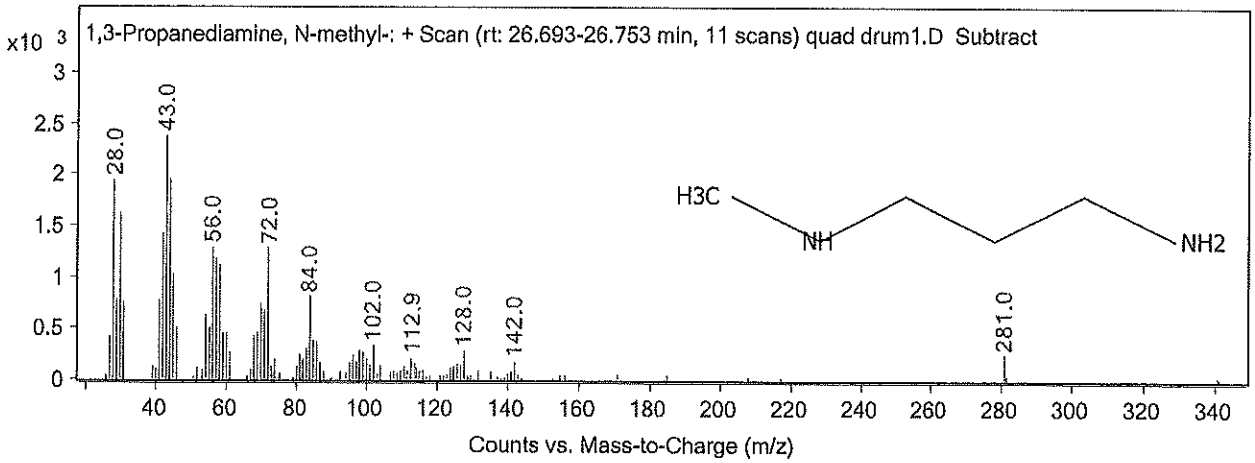

| Spectrum Source | Fragmentor Voltage | Collision Energy | Ionization Mode |
|---|---|---|---|
| Peak (19) In "+ TIC Scan" | | 0 | Unspecified |




**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 |



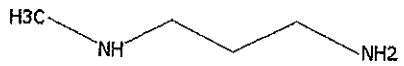

**Peak List**

| m/z | Abund |
|---|---|
| 28 | 1943.06 |
| 30 | 1630.92 |
| 42 | 1432.72 |

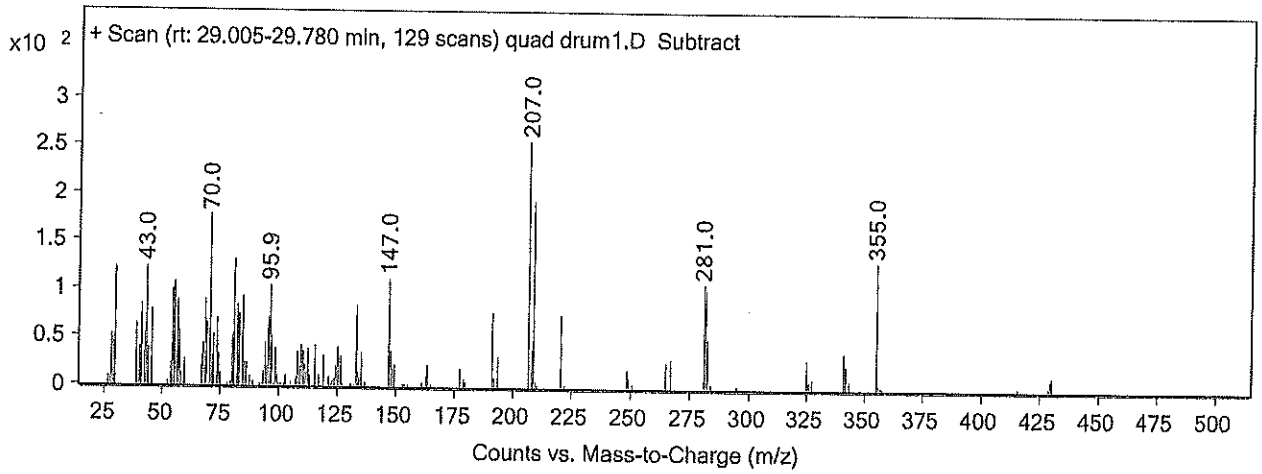
| | |
|---|---|
| 43 | 2386.41 |
| 44 | 1964.9 |
| 45 | 1023.43 |
| 56 | 1283.01 |
| 57 | 1188.94 |
| 58 | 1119.86 |
| 72 | 1276.39 |

**Spectrum Structure**

1,3-Propanediamine, N-methyl-



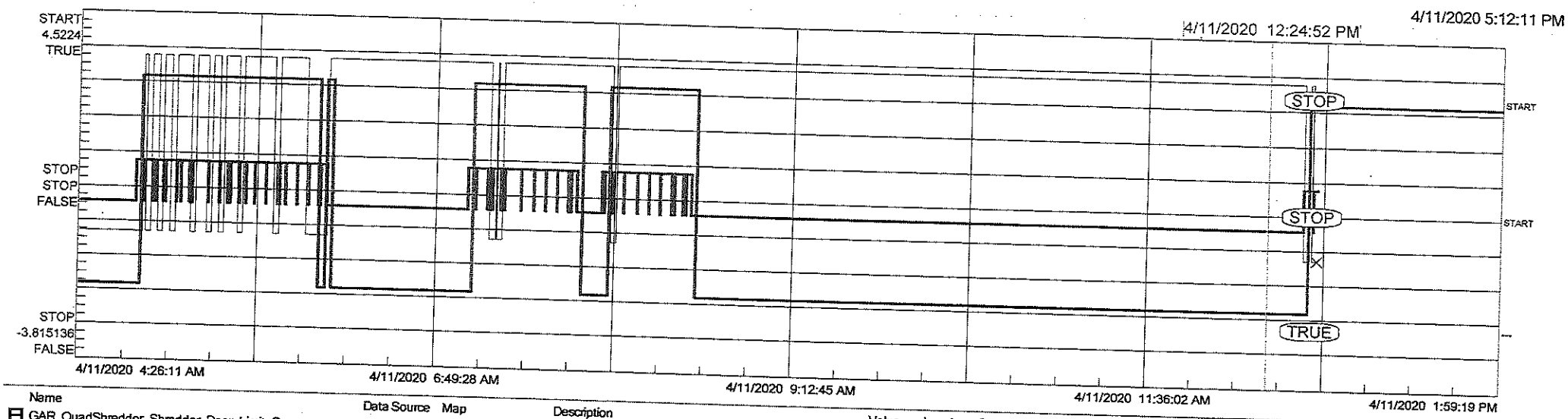

| Spectrum Source | Fragmentor Voltage | Collision Energy | Ionization Mode |
|---|---|---|---|
| Peak (21) In "+ TIC Scan" | | 0 | Unspecified |




**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