

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041323\  
 Data File : BM039425.D  
 Acq On : 13 Apr 2023 23:59  
 Operator : CG/JU  
 Sample : 02307-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PL-02-041223

Quant Time: Apr 14 05:19:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 11 16:05:42 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/14/2023  
 Supervised By : Jagrut Upadhyay 04/14/2023

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 214881   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.663 | 136  | 883844   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.510 | 164  | 532068   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.263 | 188  | 1087918  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.456 | 240  | 866574   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.845 | 264  | 956722   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1150629  | 80.674  | ng    | 0.01     |
| 7) Phenol-d6                | 7.057  | 99   | 1459401  | 79.111  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 9.028  | 82   | 882210   | 48.513  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.010 | 330  | 501674   | 74.277  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.133 | 172  | 1972964  | 50.242  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.892 | 244  | 2787627  | 59.433  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.716 | 128  | 141444   | 2.970   | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.328 | 142  | 114229   | 3.445   | ng    | 95       |
| 38) 1-Methylnaphthalene     | 12.551 | 142  | 187436   | 6.038   | ng    | 98       |
| 49) Acenaphthylene          | 14.233 | 152  | 833429   | 15.940  | ng    | 99       |
| 52) Acenaphthene            | 14.575 | 154  | 450223   | 14.582  | ng    | 99       |
| 55) Dibenzofuran            | 14.910 | 168  | 480635   | 9.669   | ng    | # 96     |
| 58) Fluorene                | 15.563 | 166  | 985396   | 25.035  | ng    | 99       |
| 71) Phenanthrene            | 17.310 | 178  | 6386655  | 107.188 | ng    | 100      |
| 72) Anthracene              | 17.398 | 178  | 2291686  | 37.720  | ng    | 99       |
| 73) Carbazole               | 17.680 | 167  | 476302   | 8.390   | ng    | 99       |
| 75) Fluoranthene            | 19.333 | 202  | 8753709  | 128.881 | ng    | 99       |
| 78) Pyrene                  | 19.698 | 202  | 8271549  | 134.081 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.445 | 228  | 3597429  | 58.862  | ng    | 96       |
| 83) Chrysene                | 21.498 | 228  | 3321366m | 56.295  | ng    |          |
| 87) Indeno(1,2,3-cd)pyrene  | 26.338 | 276  | 1871843  | 26.554  | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 23.127 | 252  | 3983807  | 68.053  | ng    | 97       |
| 89) Benzo(k)fluoranthene    | 23.168 | 252  | 1299418m | 21.792  | ng    |          |
| 90) Benzo(a)pyrene          | 23.745 | 252  | 3109314  | 54.068  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 26.344 | 278  | 519267   | 8.773   | ng    | # 85     |
| 92) Benzo(g,h,i)perylene    | 27.109 | 276  | 1825283  | 31.357  | ng    | 99       |
| -----                       |        |      |          |         |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

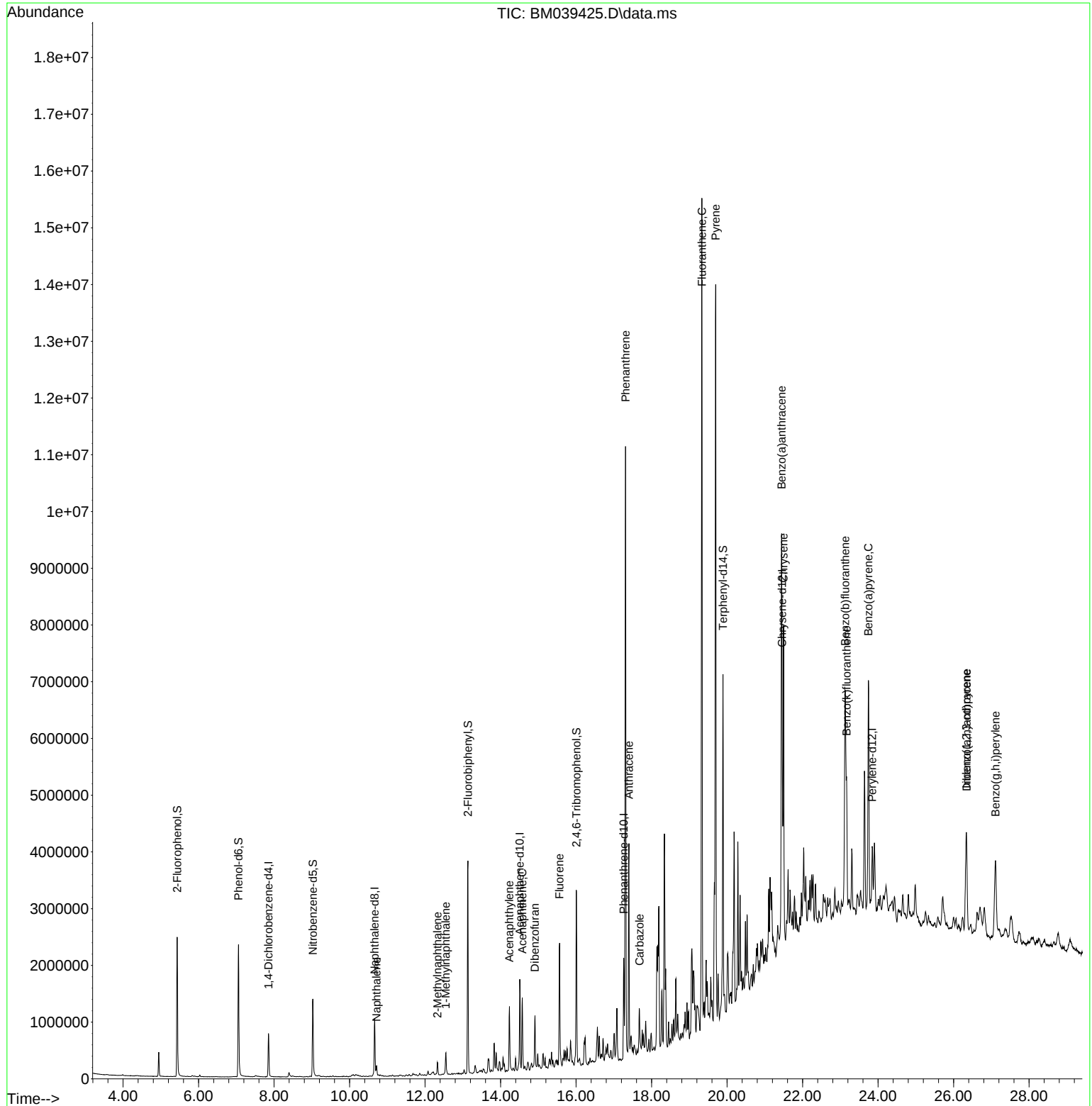
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041323\  
Data File : BM039425.D  
Acq On : 13 Apr 2023 23:59  
Operator : CG/JU  
Sample : 02307-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

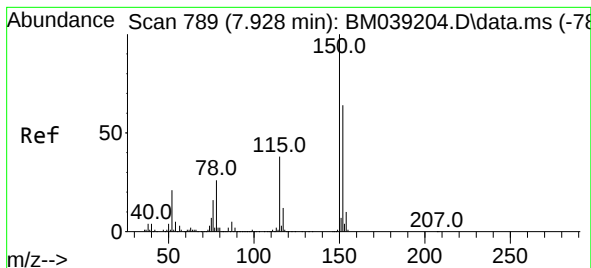
Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223

Quant Time: Apr 14 05:19:50 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 11 16:05:42 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

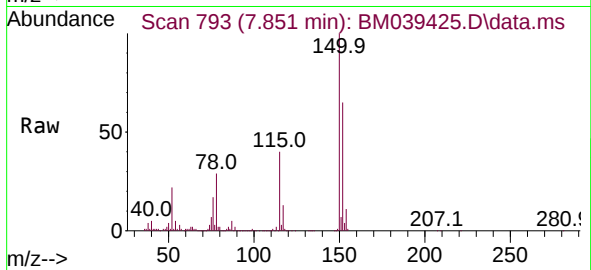
Reviewed By : Christian Giraldo 04/14/2023  
Supervised By : Jagrut Upadhyay 04/14/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.851 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

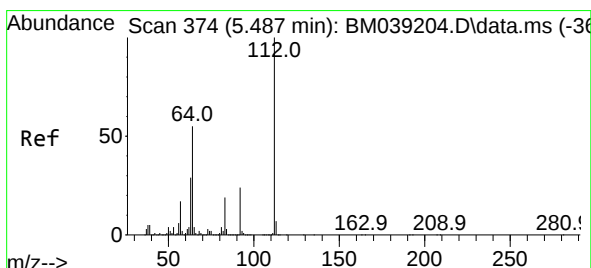
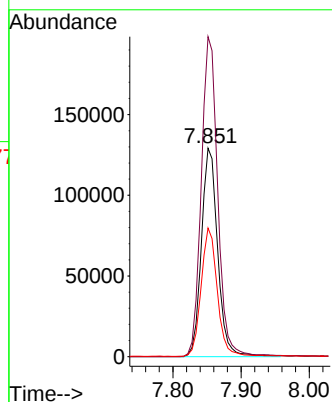
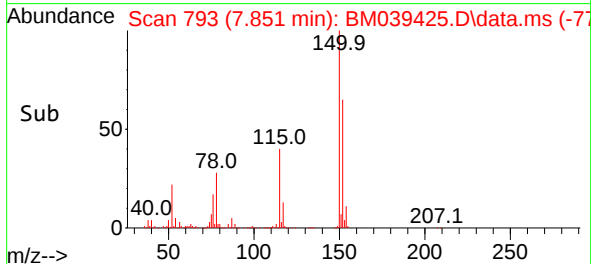
Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223



Tgt Ion:152 Resp: 21488  
Ion Ratio Lower Upper  
152 100  
150 153.5 125.5 188.3  
115 61.7 48.1 72.1

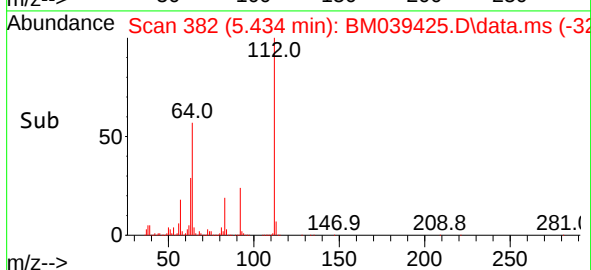
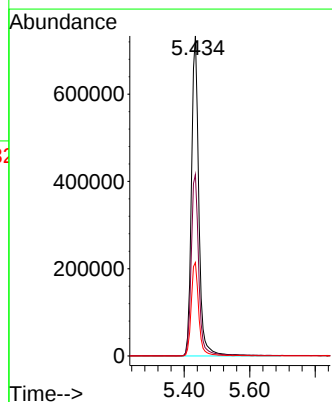
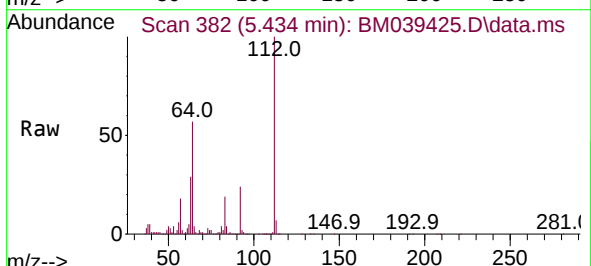
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023



#5  
2-Fluorophenol  
Concen: 80.674 ng  
RT: 5.434 min Scan# 382  
Delta R.T. 0.012 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

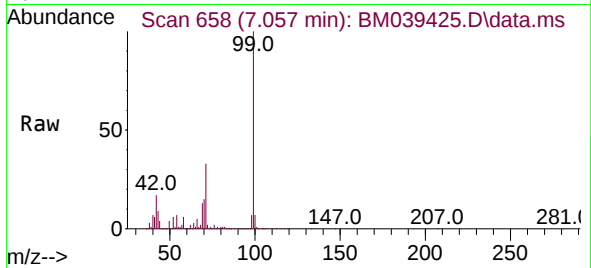
Tgt Ion:112 Resp: 1150629  
Ion Ratio Lower Upper  
112 100  
64 56.7 44.3 66.5  
63 29.2 23.0 34.6





#7  
Phenol-d6  
Concen: 79.111 ng  
RT: 7.057 min Scan# 61  
Delta R.T. 0.024 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

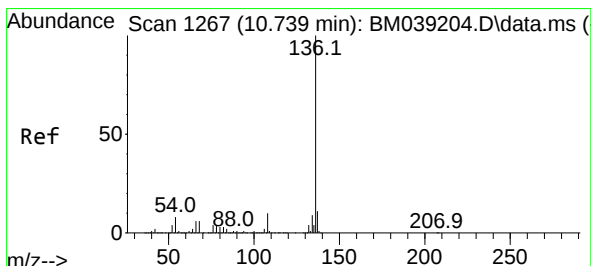
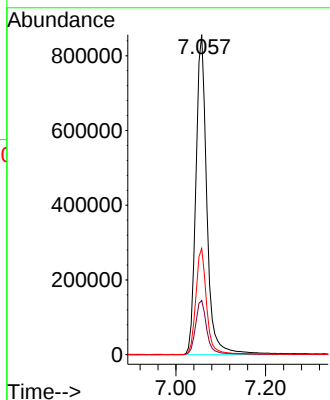
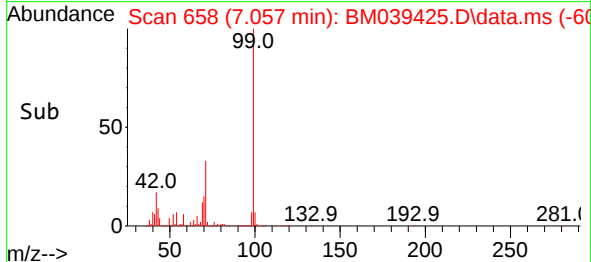
Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223



Tgt Ion: 99 Resp: 145940  
Ion Ratio Lower Upper  
99 100  
42 17.0 13.0 19.6  
71 33.2 25.5 38.3

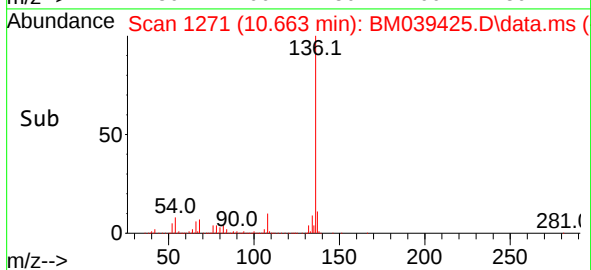
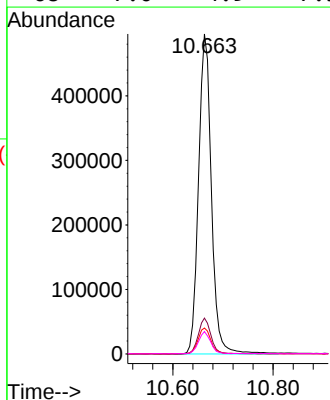
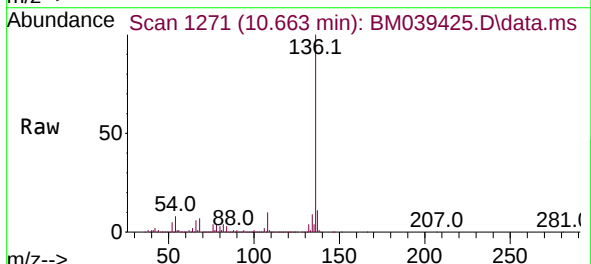
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1271  
Delta R.T. -0.012 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

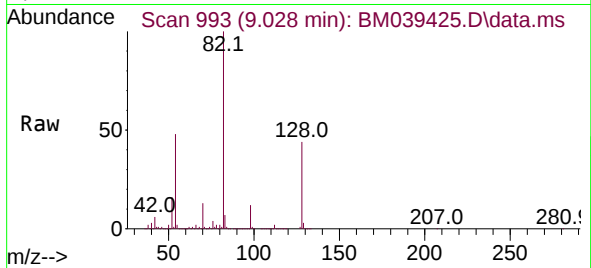
Tgt Ion:136 Resp: 883844  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 8.1 6.2 9.4  
68 7.0 4.9 7.3





#23  
Nitrobenzene-d5  
Concen: 48.513 ng  
RT: 9.028 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

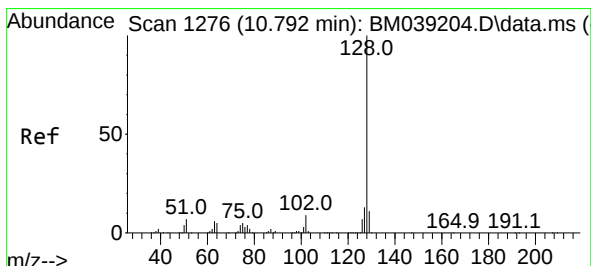
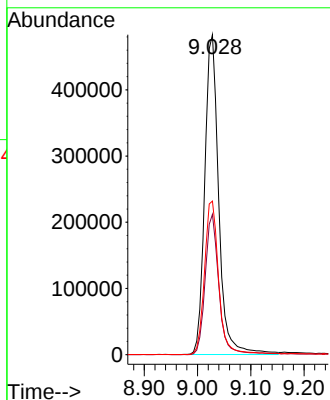
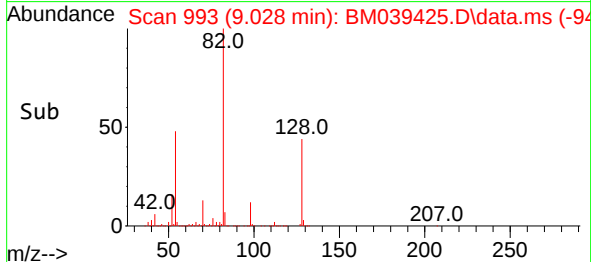
Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223



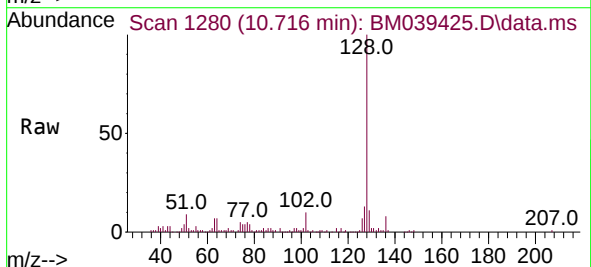
Tgt Ion: 82 Resp: 882210  
Ion Ratio Lower Upper  
82 100  
128 43.8 35.1 52.7  
54 48.0 38.5 57.7

Manual Integrations  
APPROVED

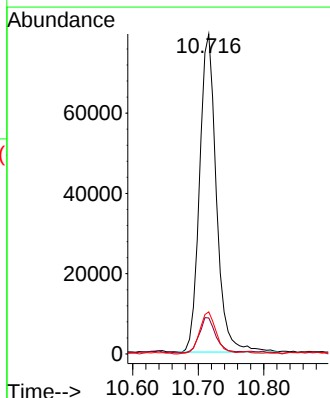
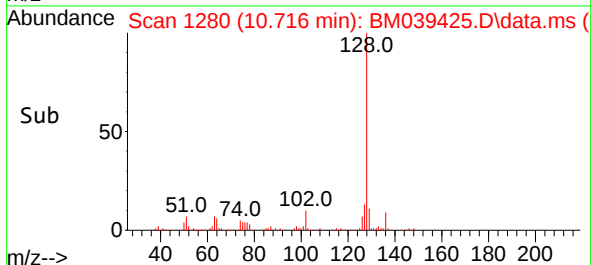
Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023

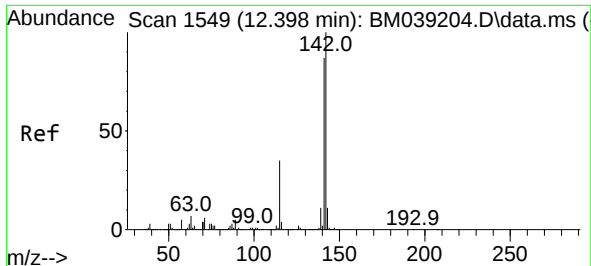


#31  
Naphthalene  
Concen: 2.970 ng  
RT: 10.716 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59



Tgt Ion:128 Resp: 141444  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 13.2 10.3 15.5





#37

2-Methylnaphthalene

Concen: 3.445 ng

RT: 12.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

Tgt Ion:142 Resp: 114229

Ion Ratio Lower Upper

142 100

141 92.6 69.8 104.8

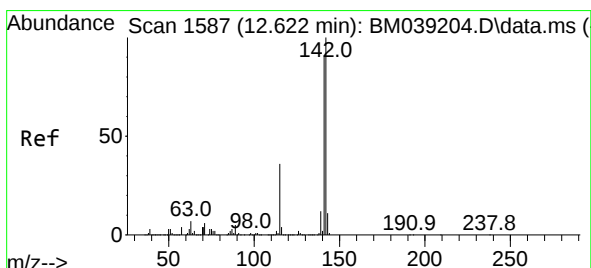
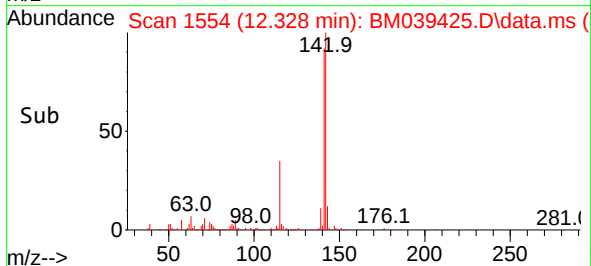
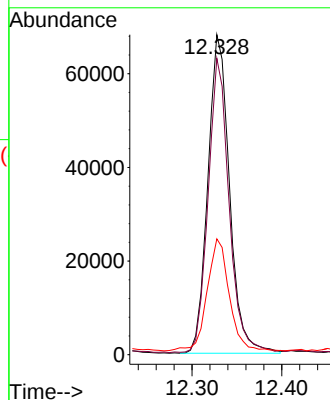
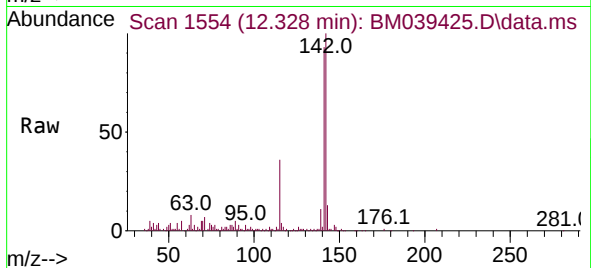
115 36.2 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#38

1-Methylnaphthalene

Concen: 6.038 ng

RT: 12.551 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

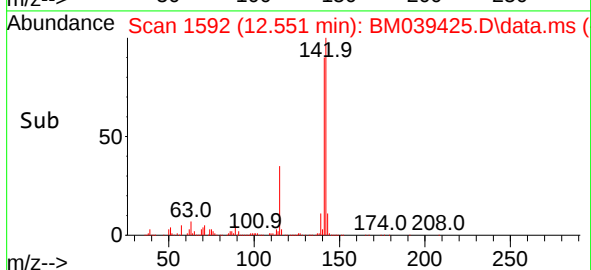
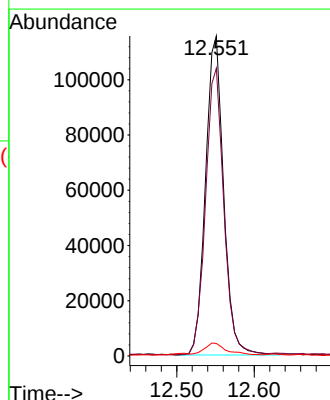
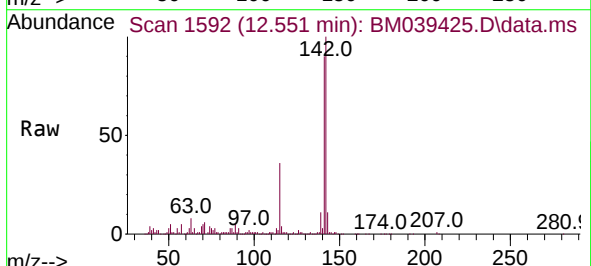
Tgt Ion:142 Resp: 187436

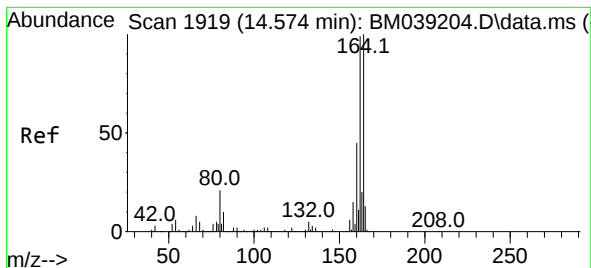
Ion Ratio Lower Upper

142 100

141 89.9 73.2 109.8

116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

Tgt Ion:164 Resp: 532068

Ion Ratio Lower Upper

164 100

162 98.9 79.1 118.7

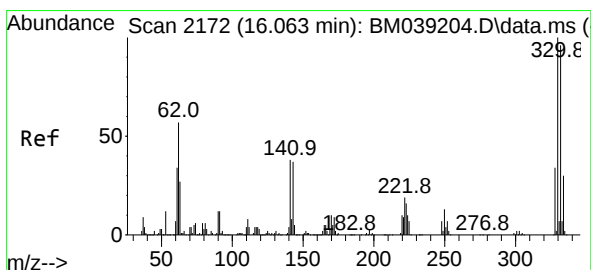
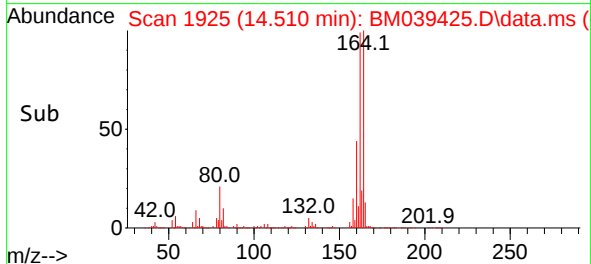
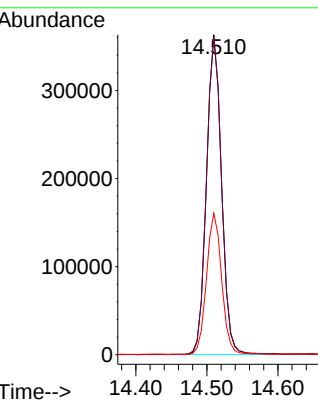
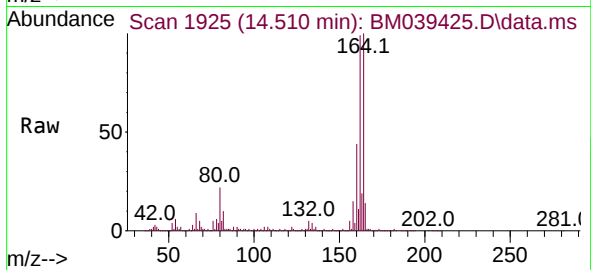
160 44.2 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#42

2,4,6-Tribromophenol

Concen: 74.277 ng

RT: 16.010 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

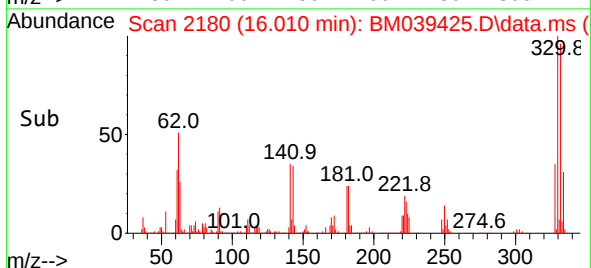
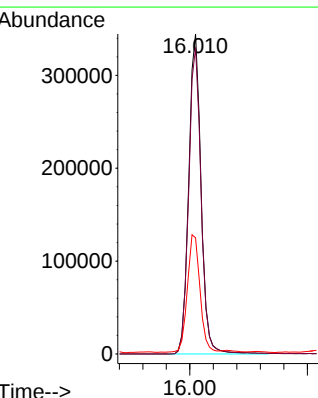
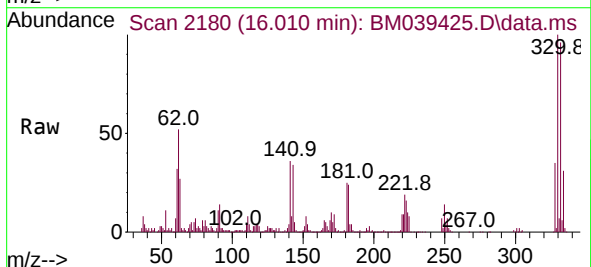
Tgt Ion:330 Resp: 501674

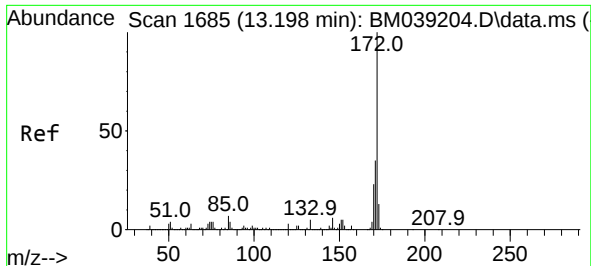
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 37.8 29.8 44.6





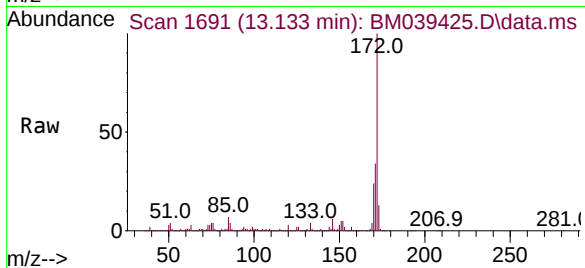
#45  
2-Fluorobiphenyl  
Concen: 50.242 ng  
RT: 13.133 min Scan# 1691  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

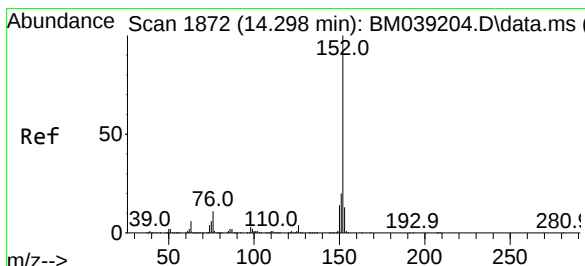
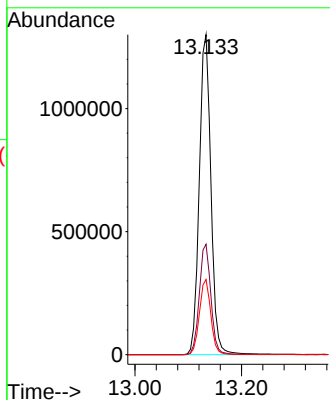
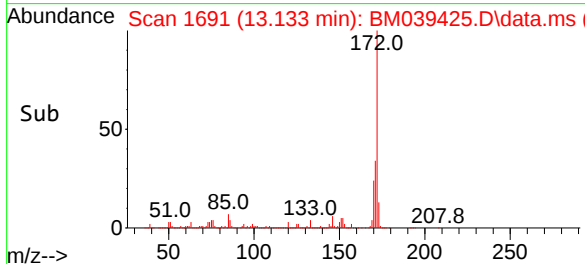


Tgt Ion:172 Resp: 1972964  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.0 42.0  
170 23.5 18.7 28.1

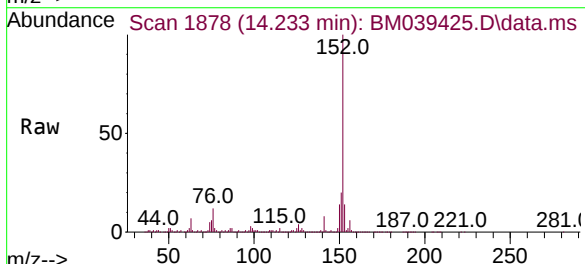
Manual Integrations

APPROVED

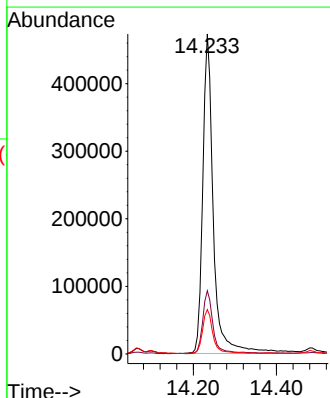
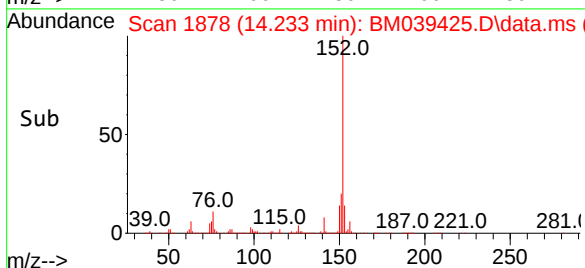
Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023

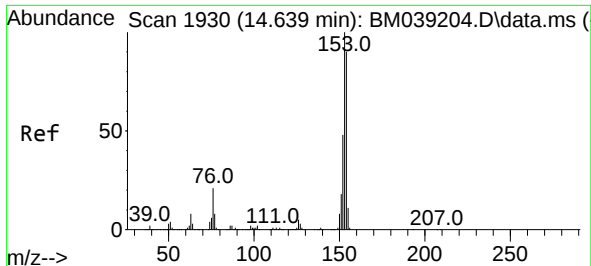


#49  
Acenaphthylene  
Concen: 15.940 ng  
RT: 14.233 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59



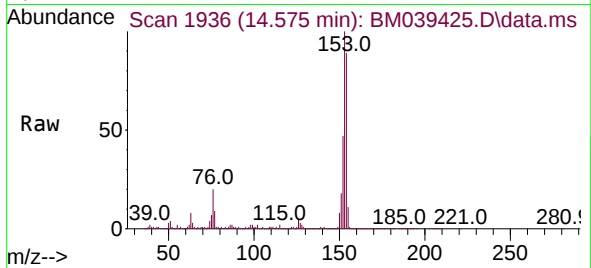
Tgt Ion:152 Resp: 833429  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 13.9 10.3 15.5





#52  
Acenaphthene  
Concen: 14.582 ng  
RT: 14.575 min Scan# 1936  
Delta R.T. -0.012 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

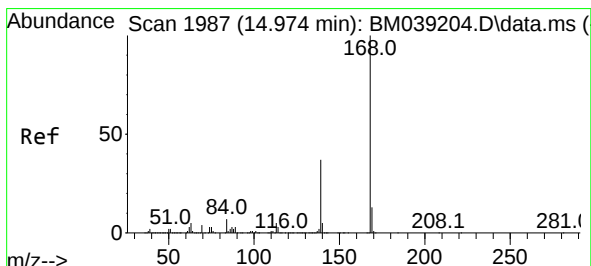
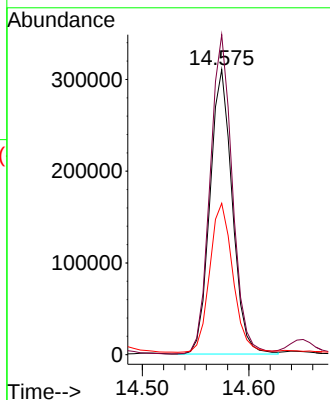
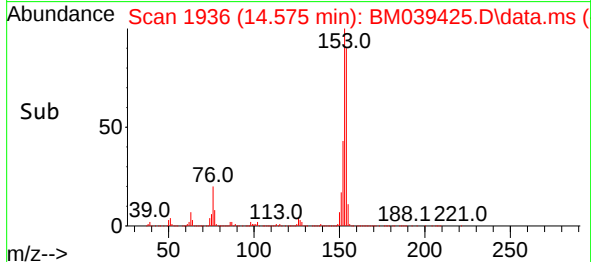
Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223



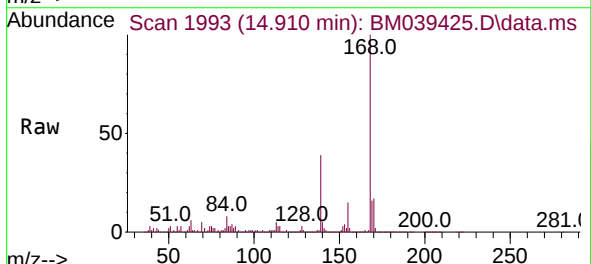
Tgt Ion:154 Resp: 450223  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.1 133.7  
152 53.1 42.6 64.0

Manual Integrations  
APPROVED

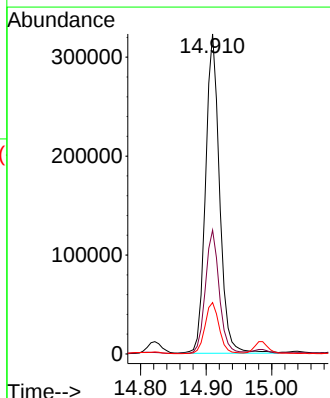
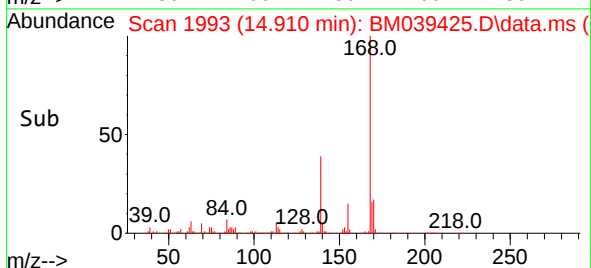
Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023

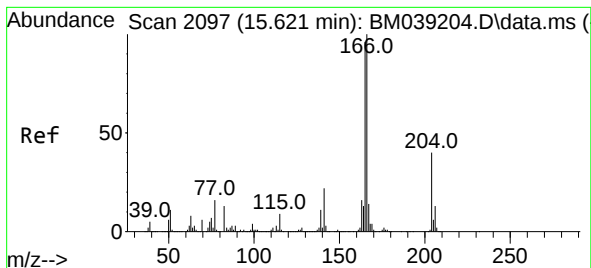


#55  
Dibenzofuran  
Concen: 9.669 ng  
RT: 14.910 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59



Tgt Ion:168 Resp: 480635  
Ion Ratio Lower Upper  
168 100  
139 38.7 29.4 44.2  
169 16.0 10.6 15.8#





#58

Fluorene

Concen: 25.035 ng

RT: 15.563 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

Tgt Ion:166 Resp: 985390

Ion Ratio Lower Upper

166 100

165 97.8 76.9 115.3

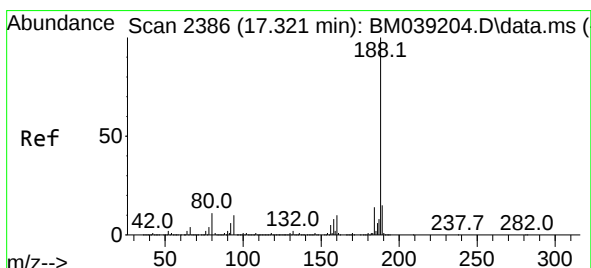
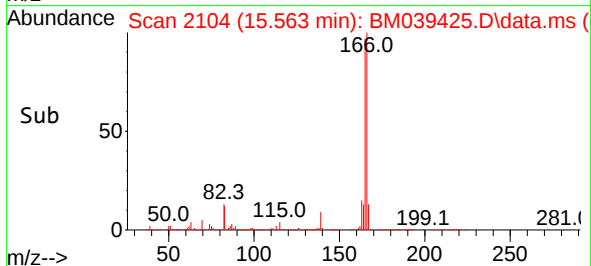
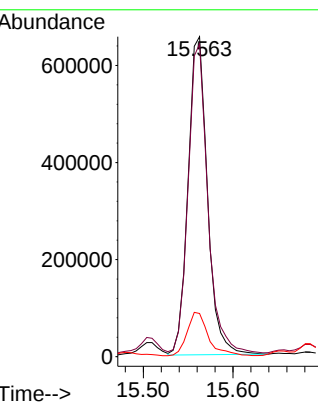
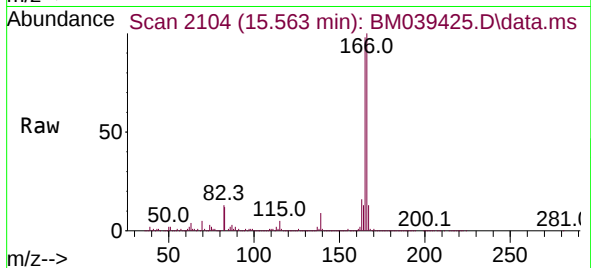
167 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

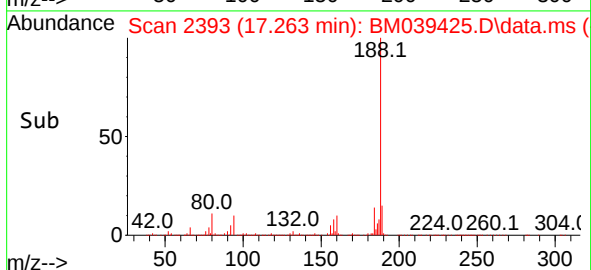
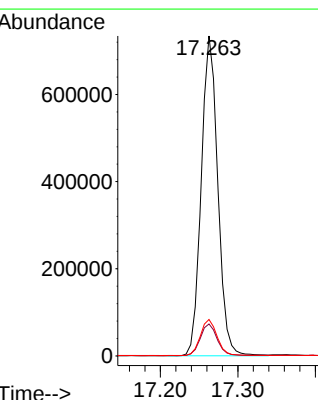
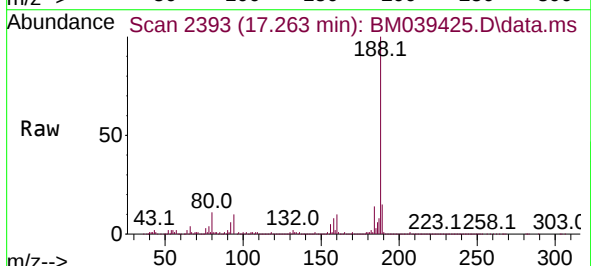
Tgt Ion:188 Resp: 1087918

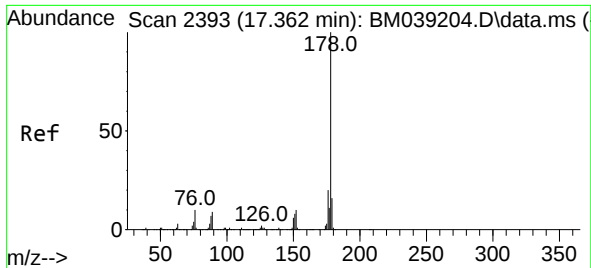
Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

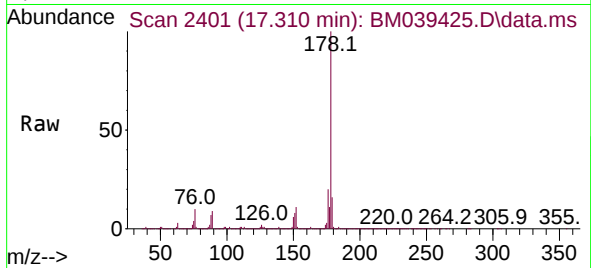
80 11.4 8.9 13.3





#71  
Phenanthrene  
Concen: 107.188 ng  
RT: 17.310 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

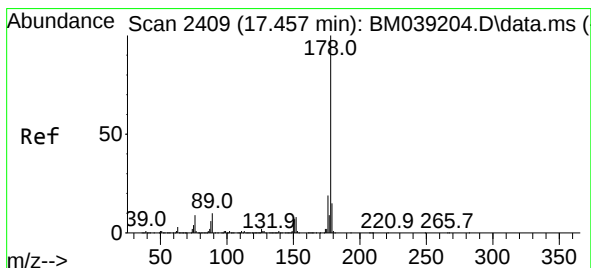
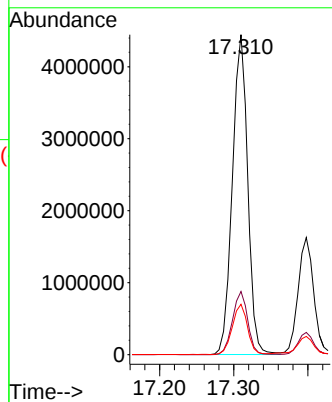
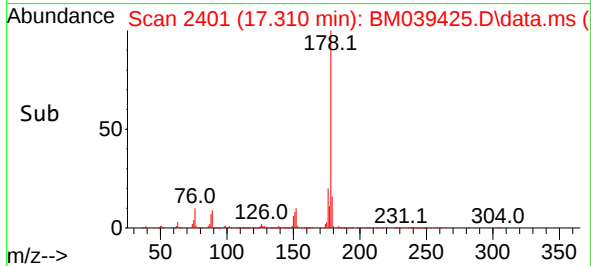
Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223



Tgt Ion:178 Resp: 638665  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.7 23.5  
179 15.8 12.4 18.6

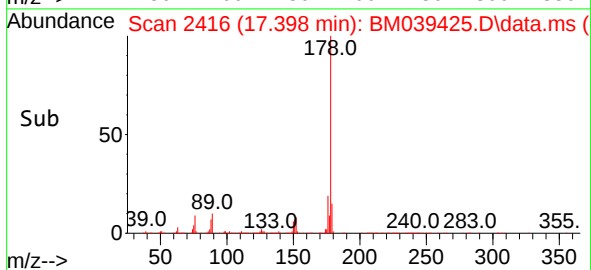
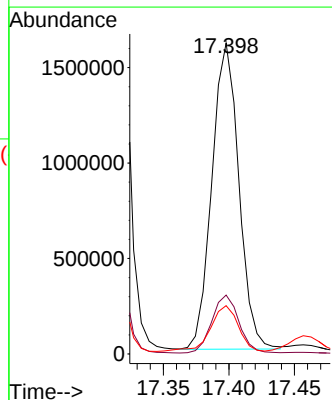
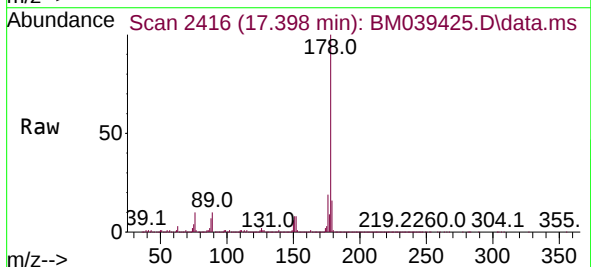
Manual Integrations  
APPROVED

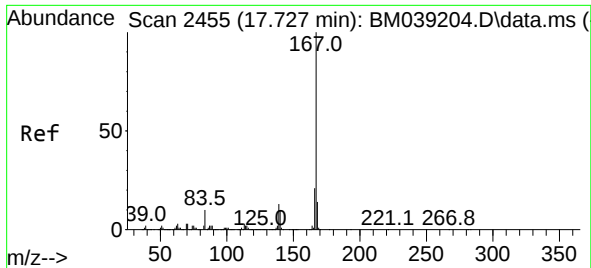
Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023



#72  
Anthracene  
Concen: 37.720 ng  
RT: 17.398 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

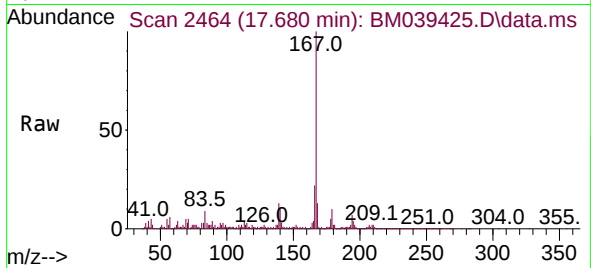
Tgt Ion:178 Resp: 2291686  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 15.5 12.2 18.2





#73  
 Carbazole  
 Concen: 8.390 ng  
 RT: 17.680 min Scan# 2455  
 Delta R.T. 0.000 min  
 Lab File: BM039425.D  
 Acq: 13 Apr 2023 23:59

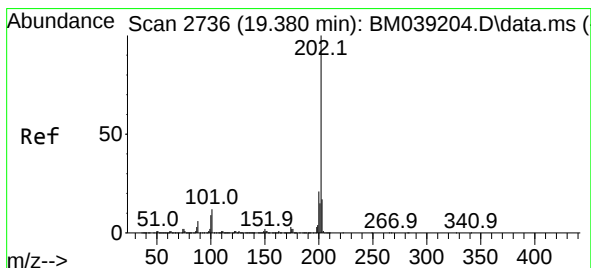
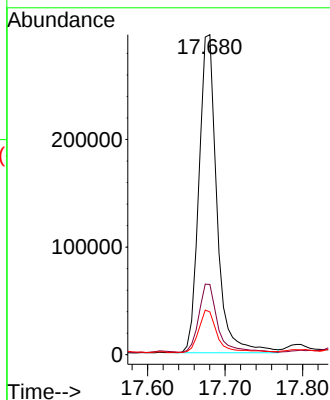
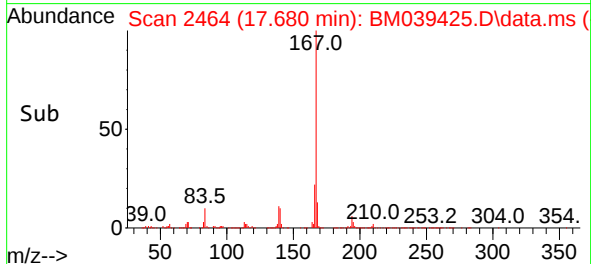
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PL-02-041223



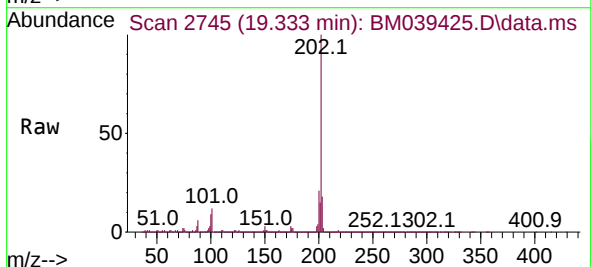
Tgt Ion:167 Resp: 476302  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.2 25.8  
 139 13.4 10.6 16.0

Manual Integrations  
 APPROVED

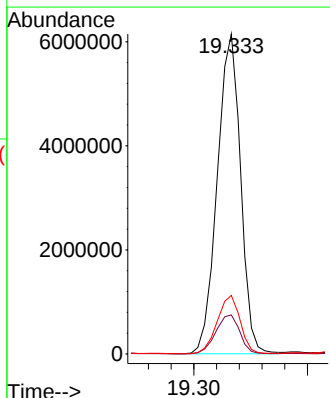
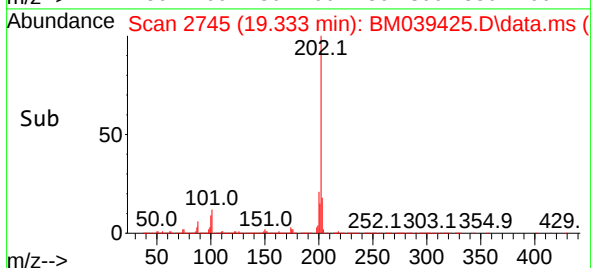
Reviewed By :Christian Giraldo 04/14/2023  
 Supervised By :Jagrut Upadhyay 04/14/2023

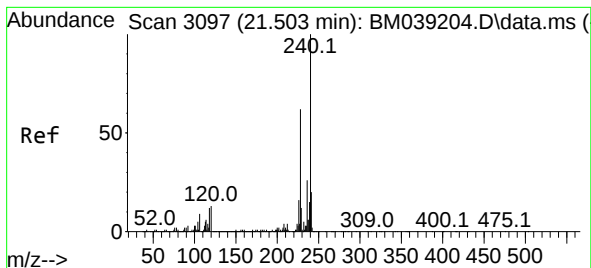


#75  
 Fluoranthene  
 Concen: 128.881 ng  
 RT: 19.333 min Scan# 2745  
 Delta R.T. 0.000 min  
 Lab File: BM039425.D  
 Acq: 13 Apr 2023 23:59



Tgt Ion:202 Resp: 8753709  
 Ion Ratio Lower Upper  
 202 100  
 101 12.2 0.0 32.5  
 203 18.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

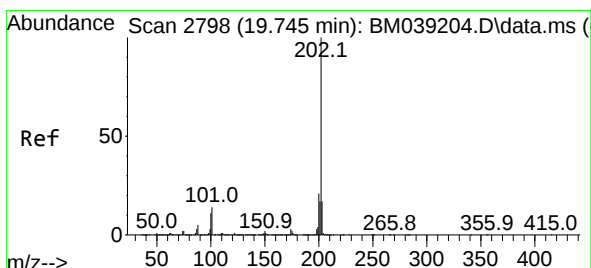
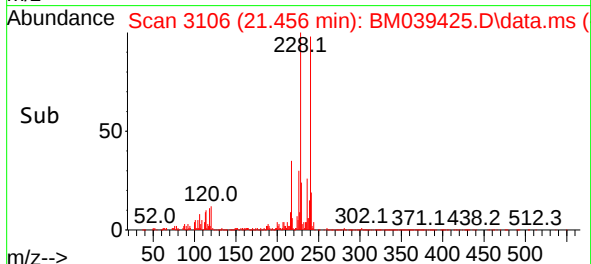
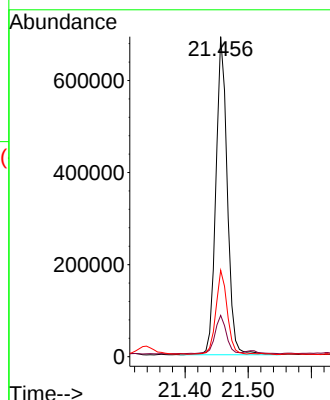
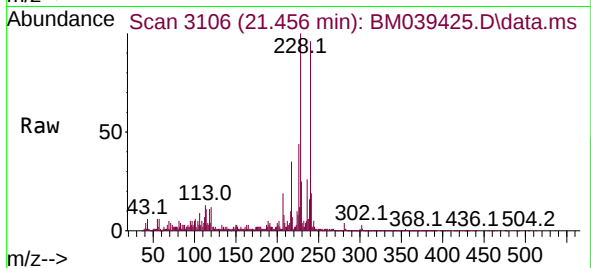
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 866574 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.9  | 10.2  | 15.2   |
| 236       | 27.0  | 20.9  | 31.3   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#78

Pyrene

Concen: 134.081 ng

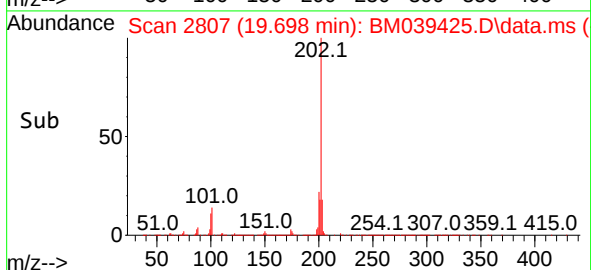
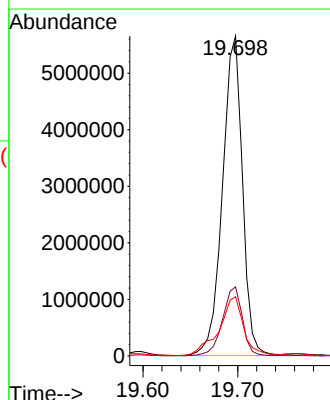
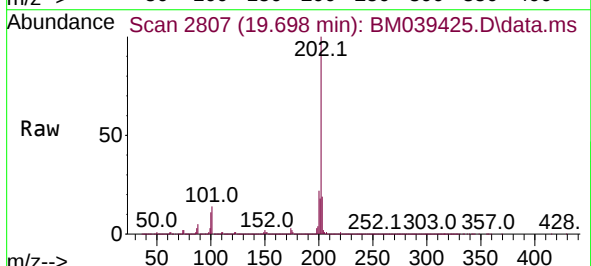
RT: 19.698 min Scan# 2807

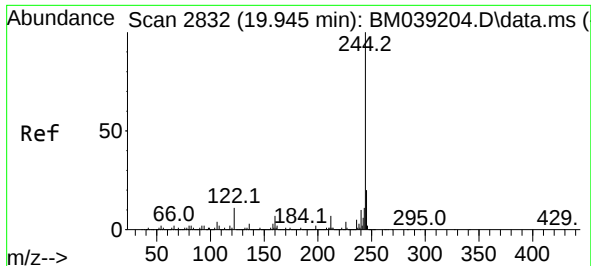
Delta R.T. 0.000 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 8271549 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.6  | 17.1  | 25.7    |
| 203       | 18.5  | 13.9  | 20.9    |





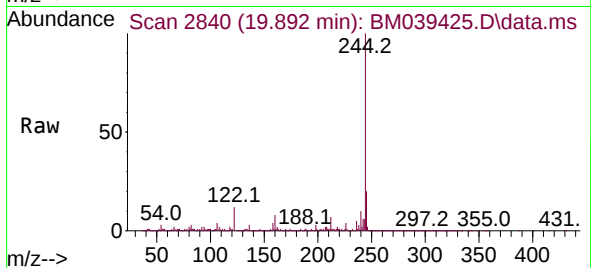
#79  
 Terphenyl-d14  
 Concen: 59.433 ng  
 RT: 19.892 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM039425.D  
 Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

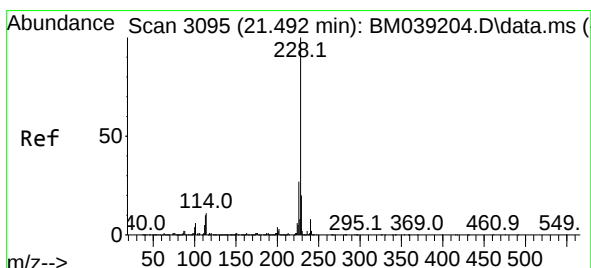
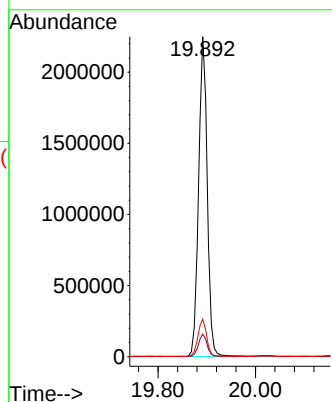
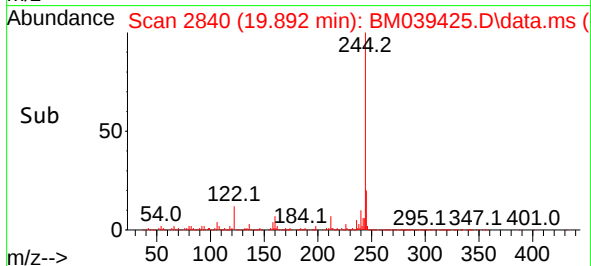


Tgt Ion:244 Resp: 278762  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 11.7 9.1 13.7

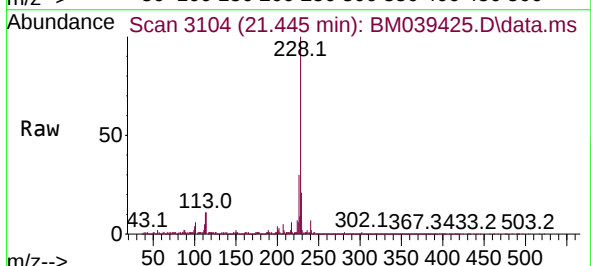
Manual Integrations

APPROVED

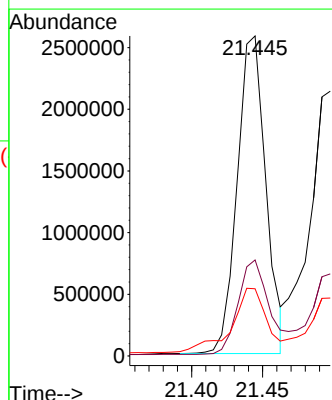
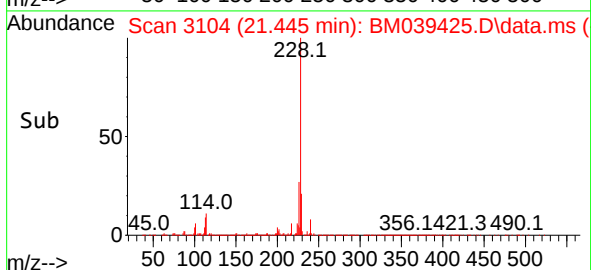
Reviewed By :Christian Giraldo 04/14/2023  
 Supervised By :Jagrut Upadhyay 04/14/2023

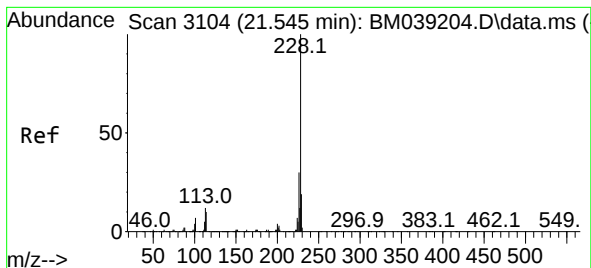


#81  
 Benzo(a)anthracene  
 Concen: 58.862 ng  
 RT: 21.445 min Scan# 3104  
 Delta R.T. 0.000 min  
 Lab File: BM039425.D  
 Acq: 13 Apr 2023 23:59



Tgt Ion:228 Resp: 3597429  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 21.9 32.9  
 229 21.0 15.8 23.6





#83

Chrysene

Concen: 56.295 ng m

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

Tgt Ion:228 Resp: 332136

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

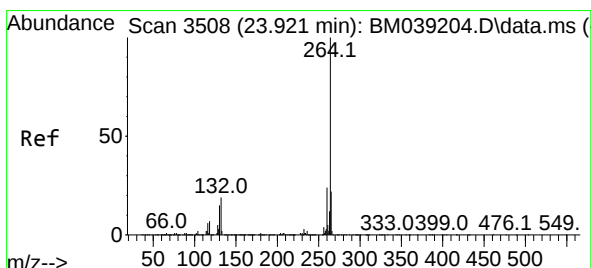
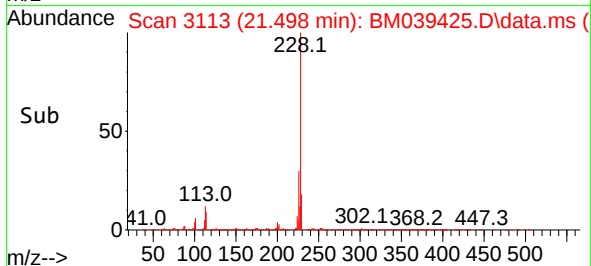
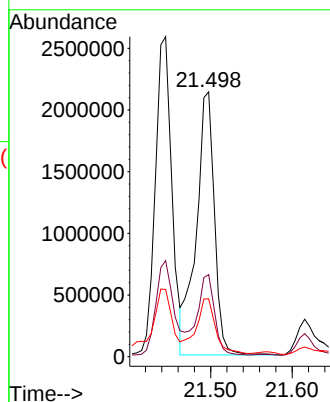
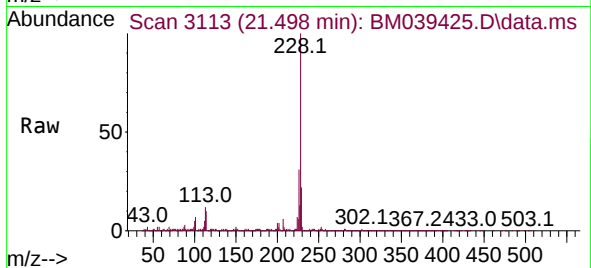
229 21.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

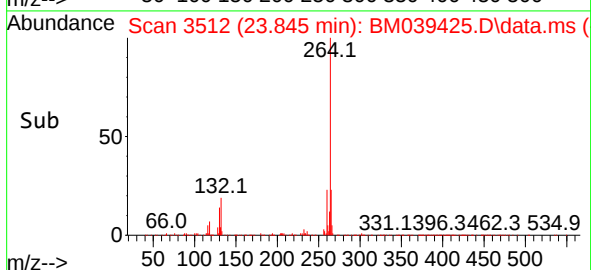
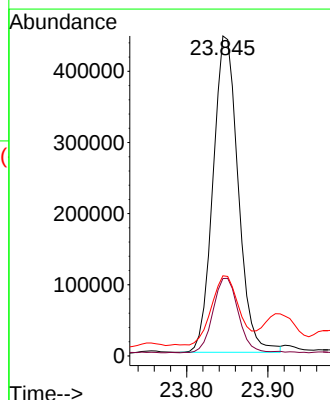
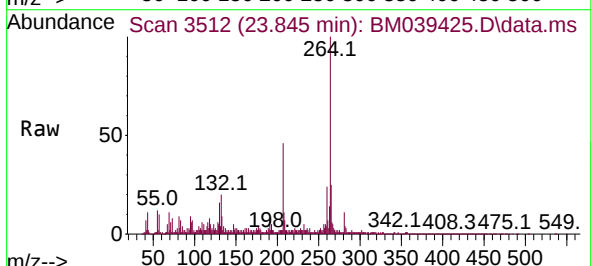
Tgt Ion:264 Resp: 956722

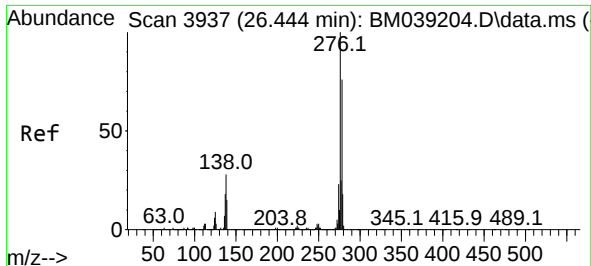
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 25.1 18.1 27.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 26.554 ng  
RT: 26.338 min Scan# 3936  
Delta R.T. 0.000 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

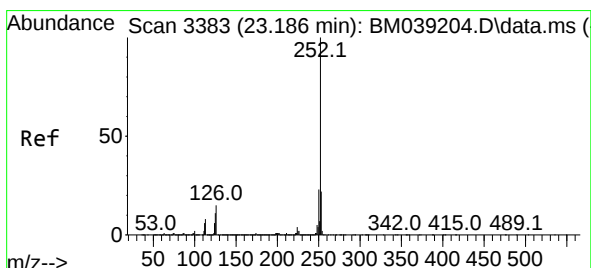
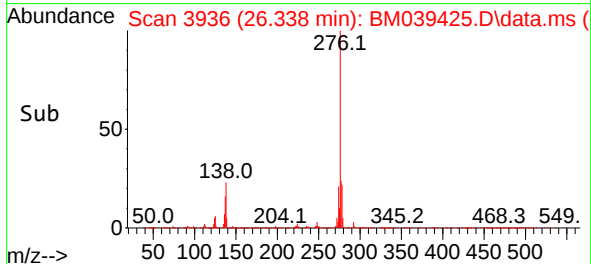
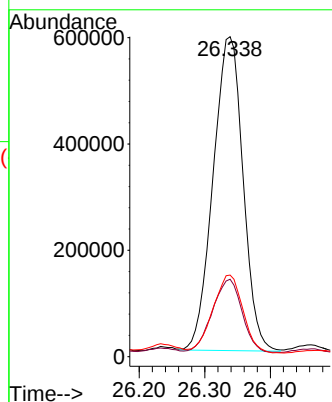
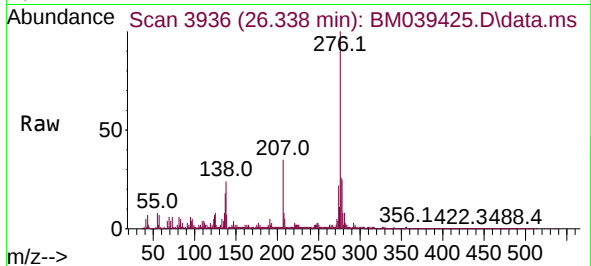
ClientSampleId :

PL-02-041223

Tgt Ion:276 Resp: 187184  
Ion Ratio Lower Upper  
276 100  
138 23.4 22.2 33.2  
277 24.9 20.2 30.2

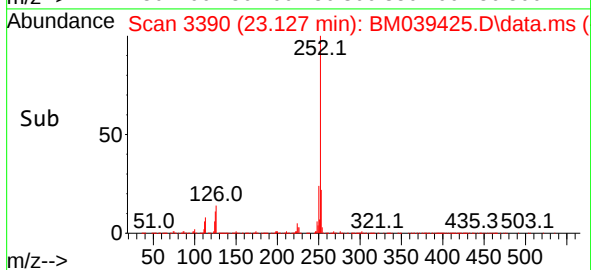
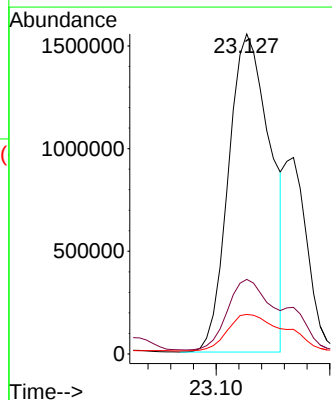
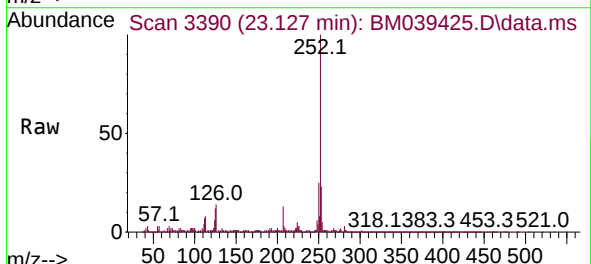
Manual Integrations  
APPROVED

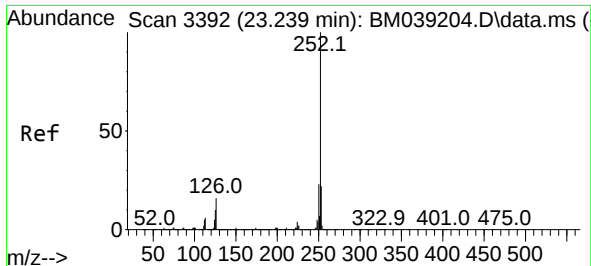
Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023



#88  
Benzo(b)fluoranthene  
Concen: 68.053 ng  
RT: 23.127 min Scan# 3390  
Delta R.T. 0.000 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

Tgt Ion:252 Resp: 3983807  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.6 26.4  
125 12.4 9.0 13.6





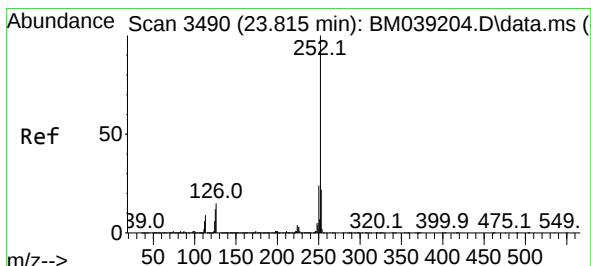
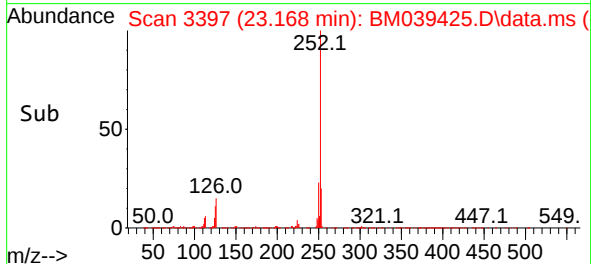
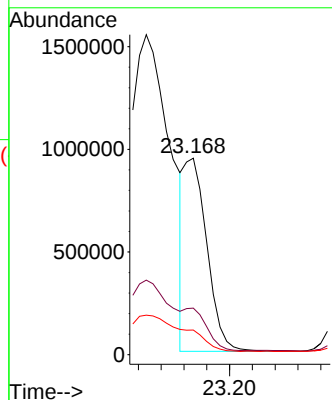
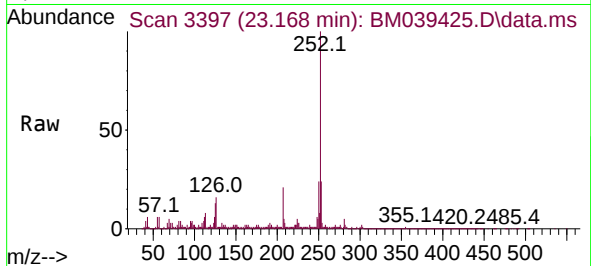
#89  
Benzo(k)fluoranthene  
Concen: 21.792 ng m  
RT: 23.168 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

Instrument :  
BNA\_M  
ClientSampleId :  
PL-02-041223

Tgt Ion:252 Resp: 1299418  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.8 26.8  
125 12.5 8.5 12.7

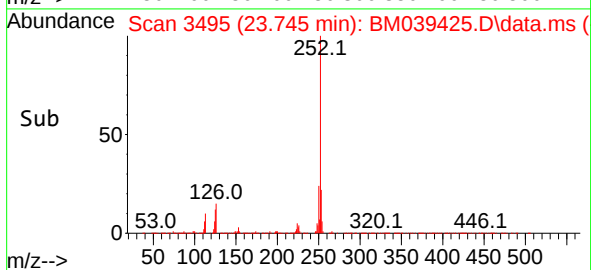
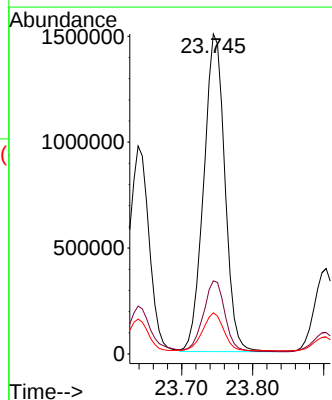
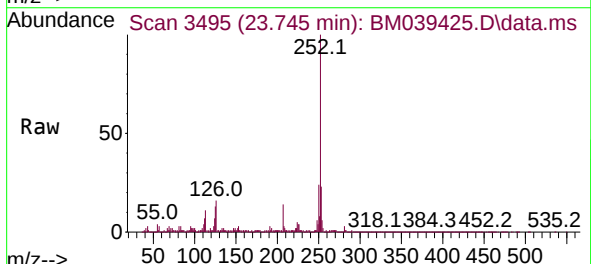
Manual Integrations  
APPROVED

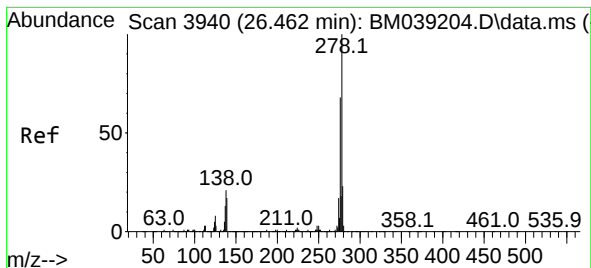
Reviewed By :Christian Giraldo 04/14/2023  
Supervised By :Jagrut Upadhyay 04/14/2023



#90  
Benzo(a)pyrene  
Concen: 54.068 ng  
RT: 23.745 min Scan# 3495  
Delta R.T. -0.006 min  
Lab File: BM039425.D  
Acq: 13 Apr 2023 23:59

Tgt Ion:252 Resp: 3109314  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.6 26.4  
125 12.9 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 8.773 ng

RT: 26.344 min Scan# 3940

Delta R.T. -0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Instrument :

BNA\_M

ClientSampleId :

PL-02-041223

Tgt Ion:278 Resp: 51926

Ion Ratio Lower Upper

278 100

139 26.4 13.9 20.9

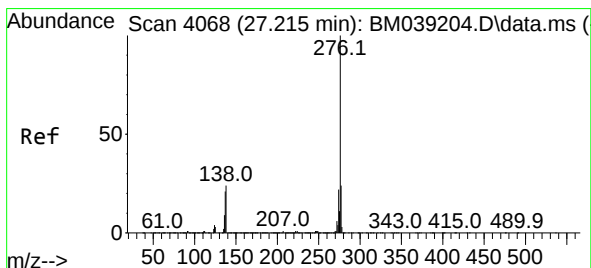
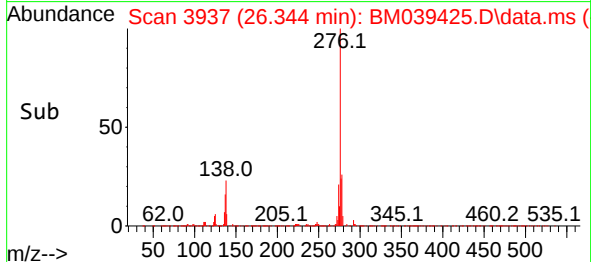
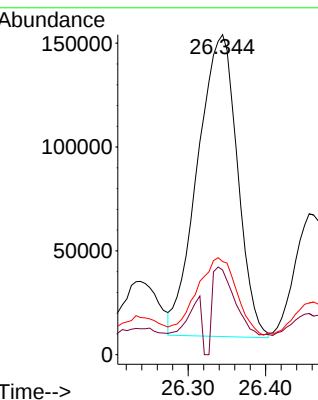
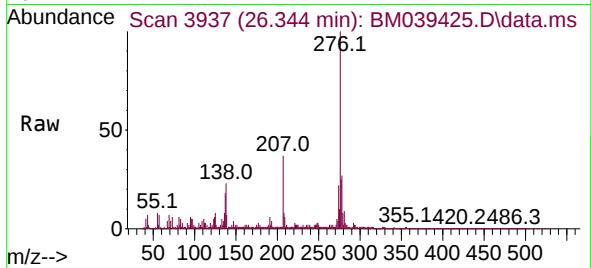
279 29.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#92

Benzo(g,h,i)perylene

Concen: 31.357 ng

RT: 27.109 min Scan# 4067

Delta R.T. 0.006 min

Lab File: BM039425.D

Acq: 13 Apr 2023 23:59

Tgt Ion:276 Resp: 1825283

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 24.0 19.5 29.3

