

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020323\  
 Data File : BM038683.D  
 Acq On : 03 Feb 2023 17:34  
 Operator : CG/JU  
 Sample : 01375-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MANHOLE

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/06/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:21:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 04 05:17:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 74523    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.733 | 136  | 263133   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.563 | 164  | 193294   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.309 | 188  | 403010   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 21.486 | 240  | 323927   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 23.886 | 264  | 389917   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.493  | 112  | 63185    | 16.609 | ng    | 0.01      |
| 7) Phenol-d6                  | 7.110  | 99   | 47760    | 11.007 | ng    | 0.01      |
| 23) Nitrobenzene-d5           | 9.098  | 82   | 228902   | 49.411 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 117402   | 44.686 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.186 | 172  | 803364   | 52.912 | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.927 | 244  | 1018928  | 55.509 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 10) Phenol                    | 7.134  | 94   | 33553    | 7.655  | ng    | Qvalue 97 |
| 15) Benzyl Alcohol            | 8.181  | 79   | 10462m   | 3.276  | ng    |           |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 55039    | 12.278 | ng    | 92        |
| 32) Benzoic acid              | 10.098 | 122  | 77386    | 25.324 | ng    | 95        |
| 84) Bis(2-ethylhexyl)phtha... | 21.386 | 149  | 21390    | 2.643  | ng #  | 98        |
| -----                         |        |      |          |        |       |           |

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

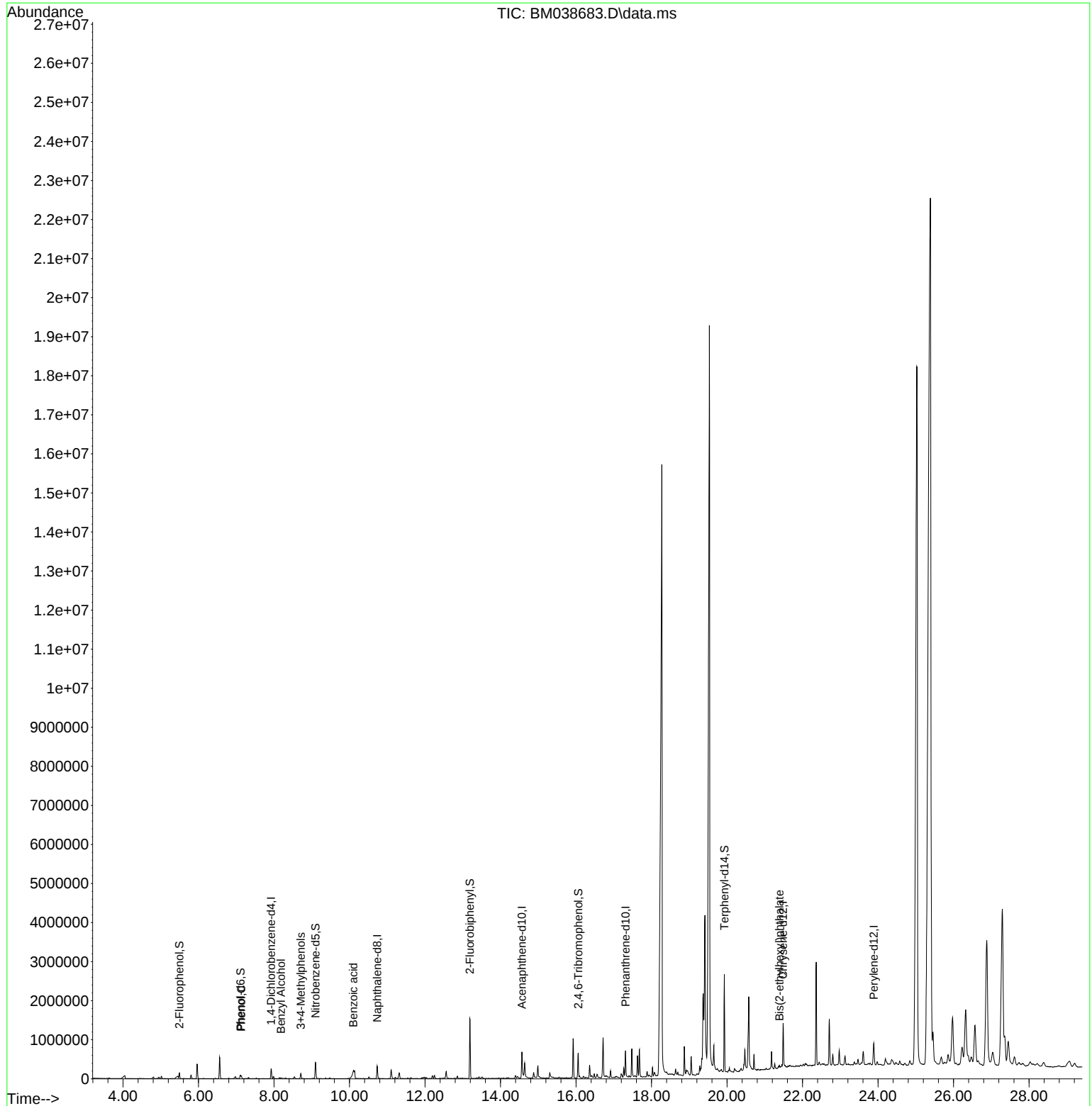
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020323\  
Data File : BM038683.D  
Acq On : 03 Feb 2023 17:34  
Operator : CG/JU  
Sample : 01375-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

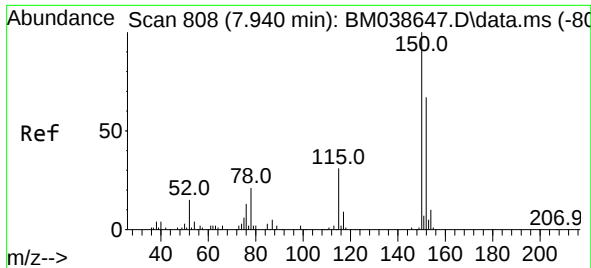
Instrument :  
BNA\_M  
ClientSampleId :  
MANHOLE

Quant Time: Feb 04 05:21:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 04 05:17:53 2023  
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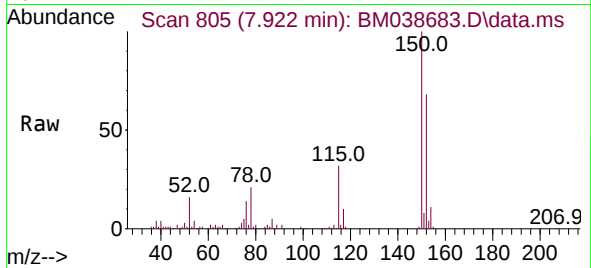
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

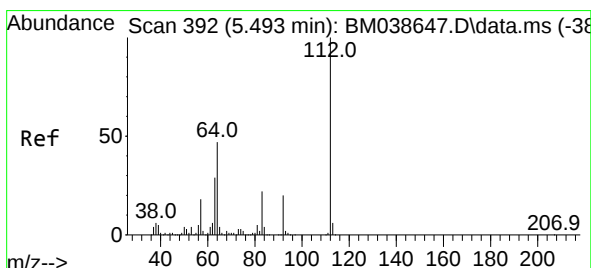
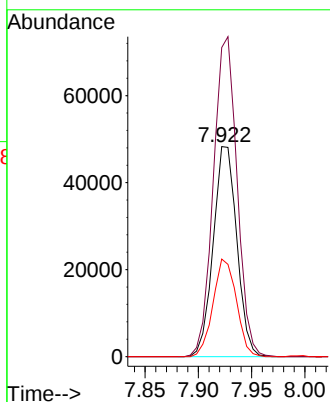
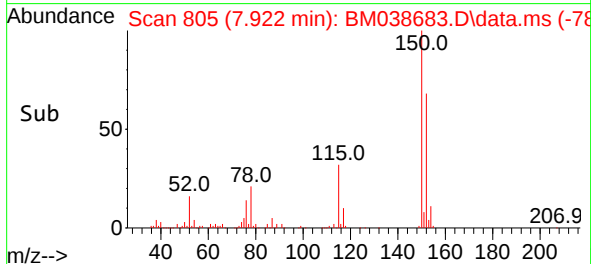
Instrument :  
BNA\_M  
ClientSampleId :  
MANHOLE



Tgt Ion:152 Resp: 74523  
Ion Ratio Lower Upper  
152 100  
150 147.1 119.5 179.3  
115 46.4 37.6 56.4

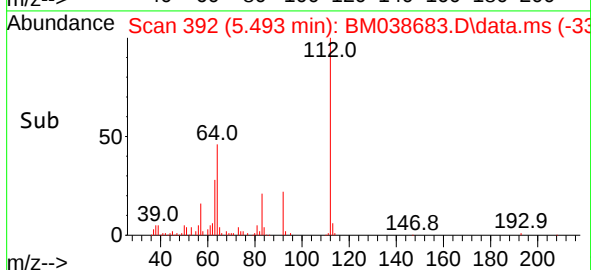
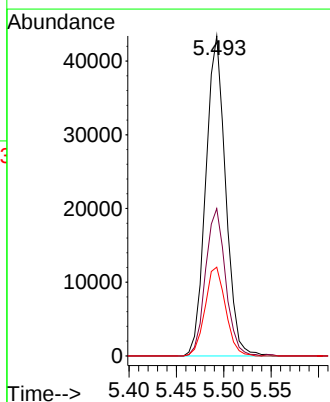
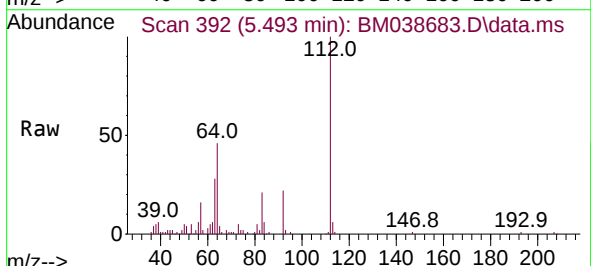
Manual Integrations  
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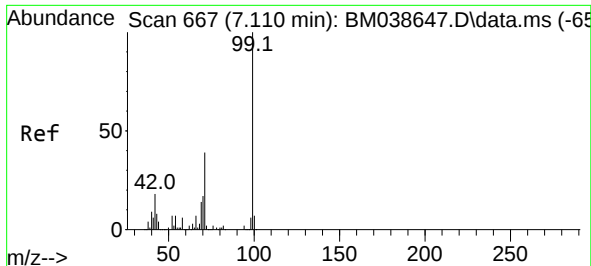
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#5  
2-Fluorophenol  
Concen: 16.609 ng  
RT: 5.493 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

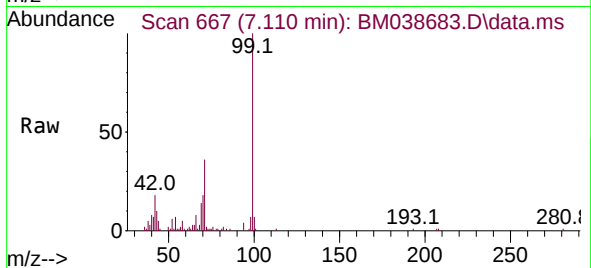
Tgt Ion:112 Resp: 63185  
Ion Ratio Lower Upper  
112 100  
64 46.0 37.9 56.9  
63 27.7 23.3 34.9





#7  
Phenol-d6  
Concen: 11.007 ng  
RT: 7.110 min Scan# 667  
Delta R.T. 0.012 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

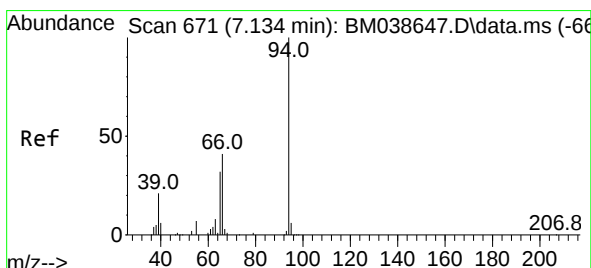
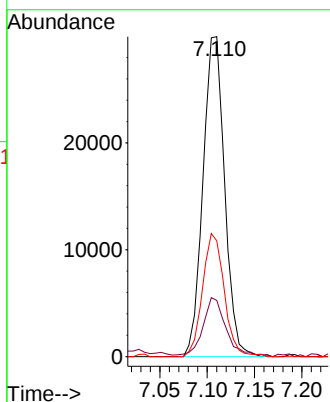
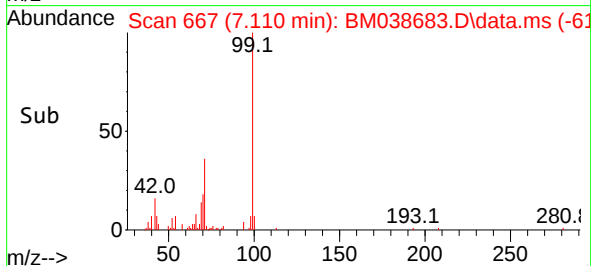
Instrument :  
BNA\_M  
ClientSampleId :  
MANHOLE



Tgt Ion: 99 Resp: 47760  
Ion Ratio Lower Upper  
99 100  
42 17.6 14.6 22.0  
71 36.2 31.0 46.4

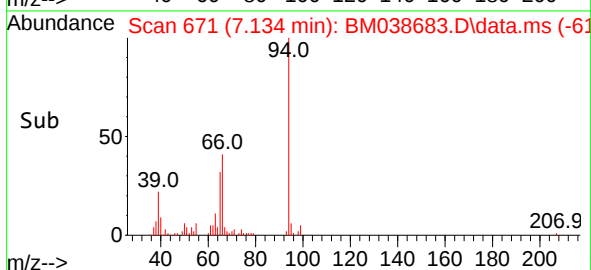
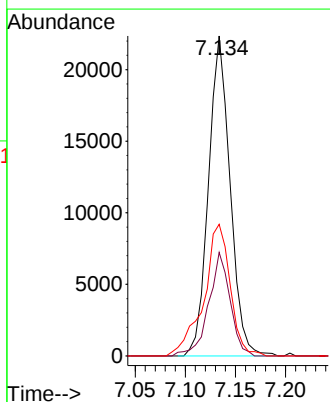
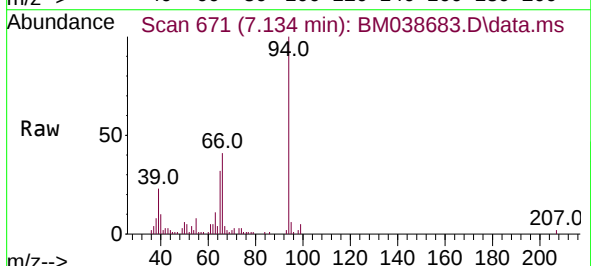
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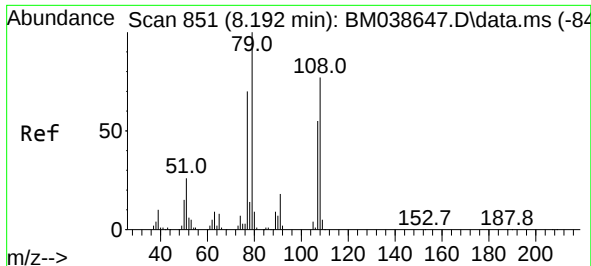
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#10  
Phenol  
Concen: 7.655 ng  
RT: 7.134 min Scan# 671  
Delta R.T. 0.006 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

Tgt Ion: 94 Resp: 33553  
Ion Ratio Lower Upper  
94 100  
65 32.3 12.3 52.3  
66 41.1 24.2 64.2





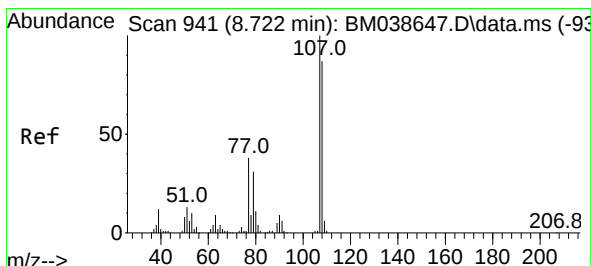
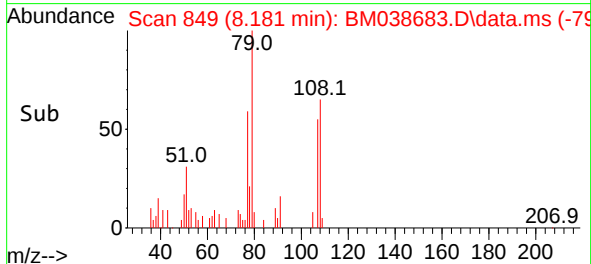
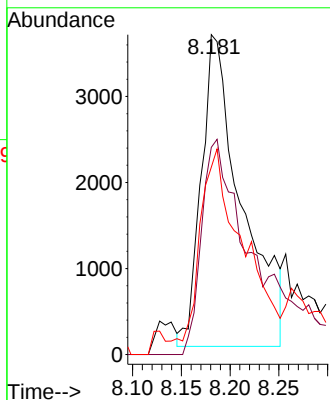
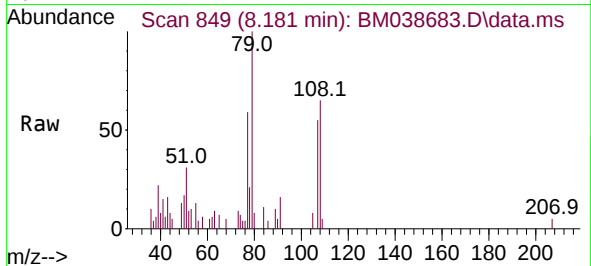
#15  
Benzyl Alcohol  
Concen: 3.276 ng m  
RT: 8.181 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion: 79 Resp: 10462  
Ion Ratio Lower Upper  
79 100  
108 64.7 61.9 92.9  
77 58.6 55.8 83.8

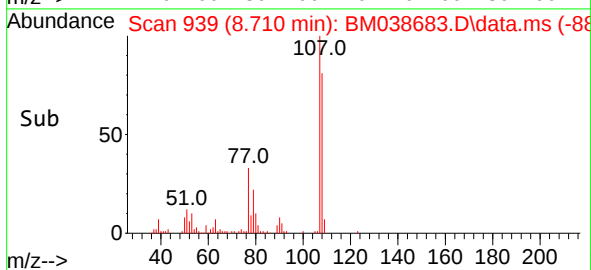
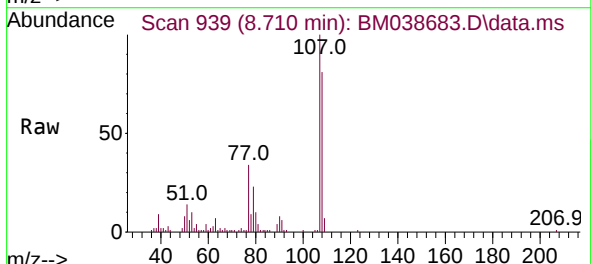
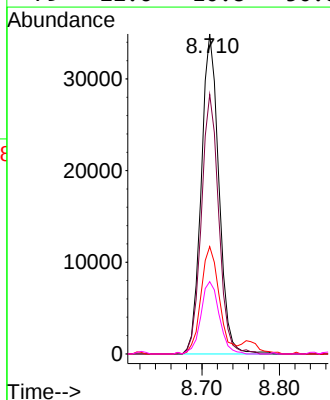
Manual Integrations  
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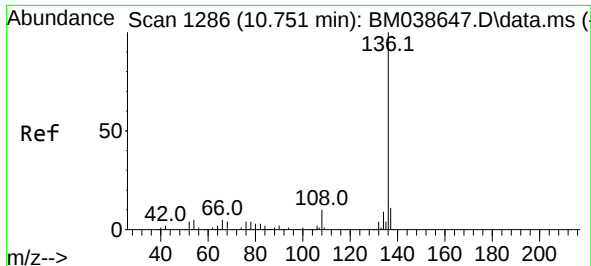
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#20  
3+4-Methylphenols  
Concen: 12.278 ng  
RT: 8.710 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

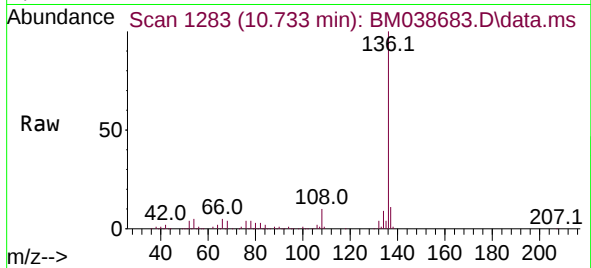
Tgt Ion:107 Resp: 55039  
Ion Ratio Lower Upper  
107 100  
108 81.1 67.2 107.2  
77 33.5 17.5 57.5  
79 22.6 10.8 50.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

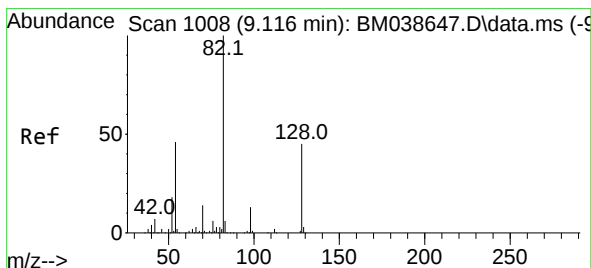
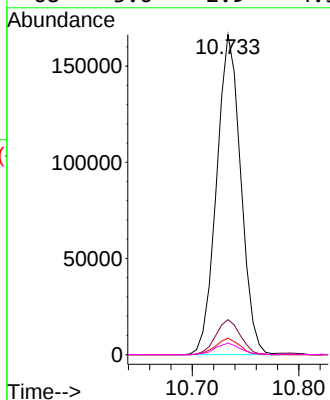
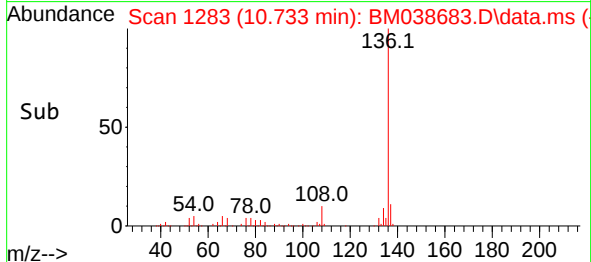
Instrument :  
BNA\_M  
ClientSampleId :  
MANHOLE



Tgt Ion:136 Resp: 263133  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 5.1 4.2 6.4  
68 3.6 2.9 4.3

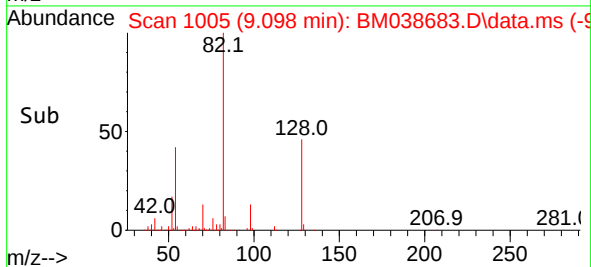
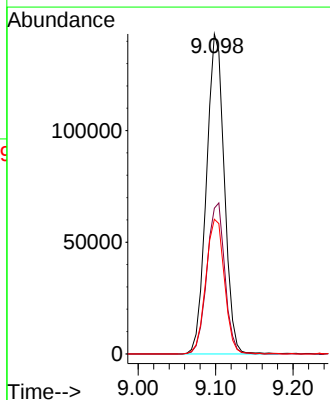
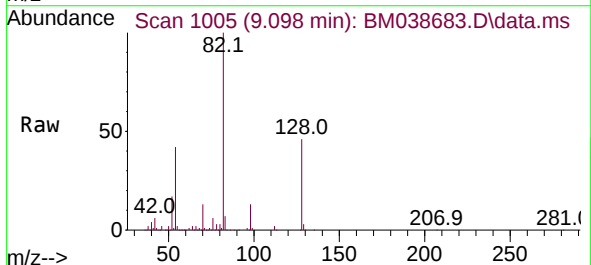
Manual Integrations  
APPROVED

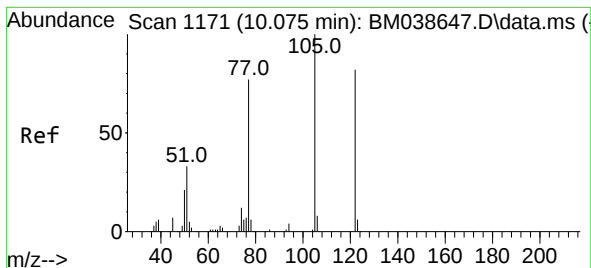
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#23  
Nitrobenzene-d5  
Concen: 49.411 ng  
RT: 9.098 min Scan# 1005  
Delta R.T. -0.000 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

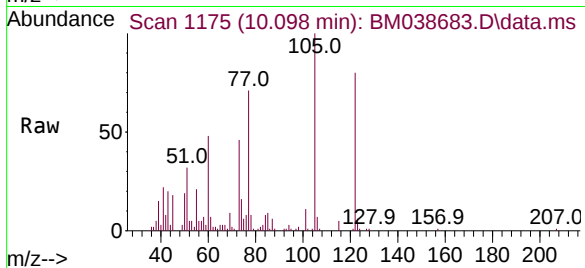
Tgt Ion: 82 Resp: 228902  
Ion Ratio Lower Upper  
82 100  
128 45.6 36.0 54.0  
54 42.1 36.8 55.2





#32  
Benzoic acid  
Concen: 25.324 ng  
RT: 10.098 min Scan# 1175  
Delta R.T. 0.029 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

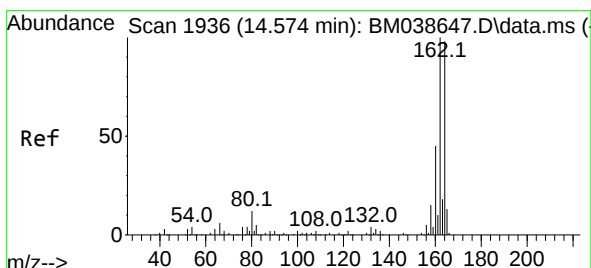
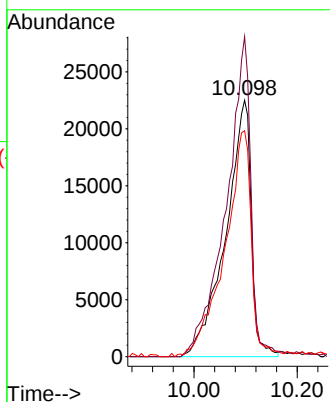
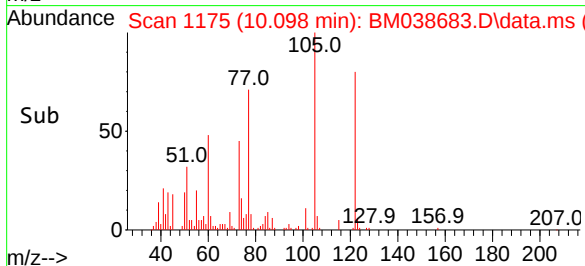
Instrument :  
BNA\_M  
ClientSampleId :  
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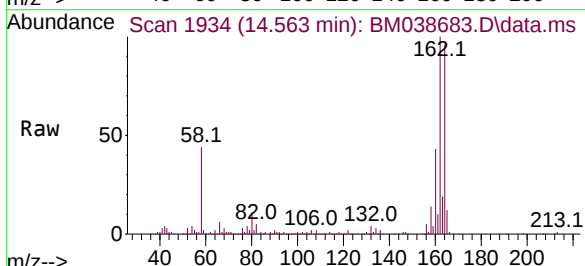
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Ion Ratio Lower Upper  
122 100  
105 124.8 99.2 139.2  
77 88.1 72.3 112.3

Manual Integrations  
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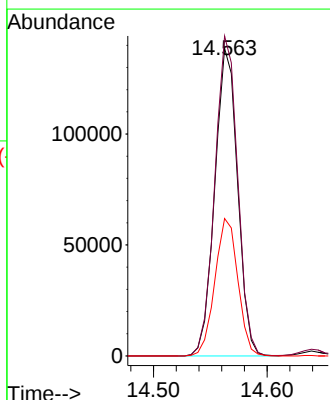
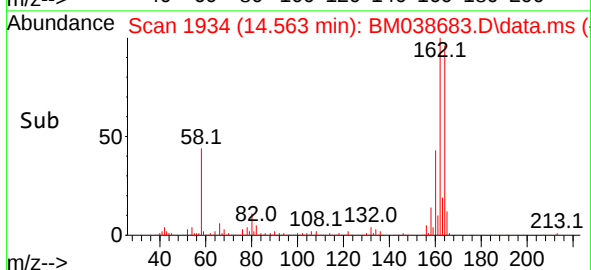
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

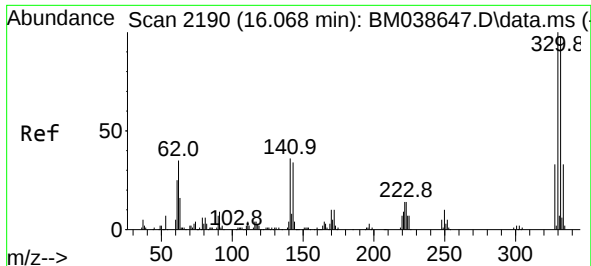


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.563 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34



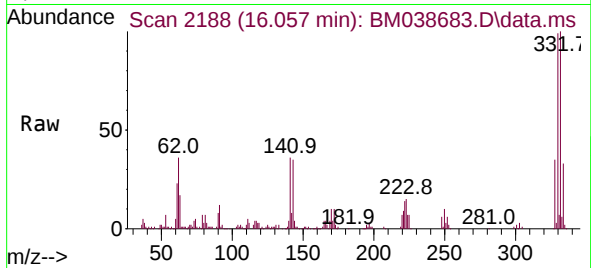
Tgt Ion:164 Resp: 193294  
Ion Ratio Lower Upper  
164 100  
162 104.0 81.4 122.0  
160 44.7 36.5 54.7





#42  
2,4,6-Tribromophenol  
Concen: 44.686 ng  
RT: 16.057 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34

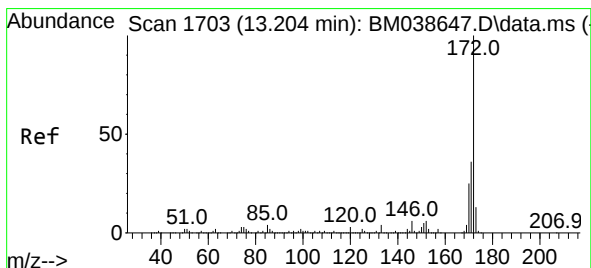
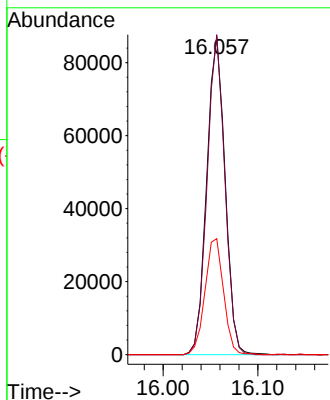
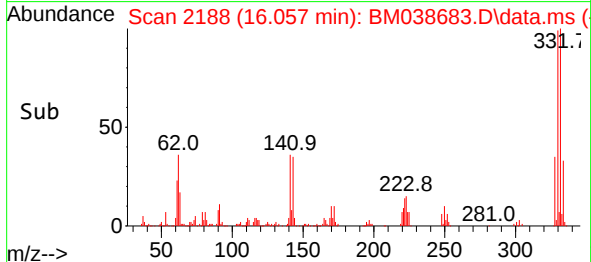
Instrument :  
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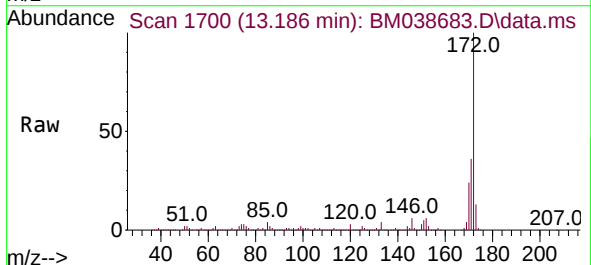
Tgt Ion:330 Resp: 117402  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.8 116.6  
141 37.0 31.0 46.6

Manual Integrations  
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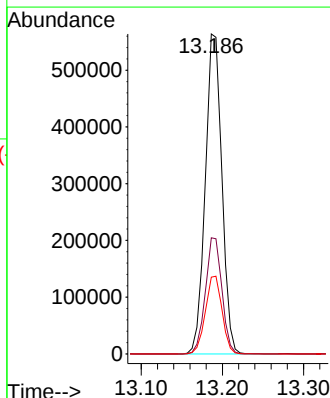
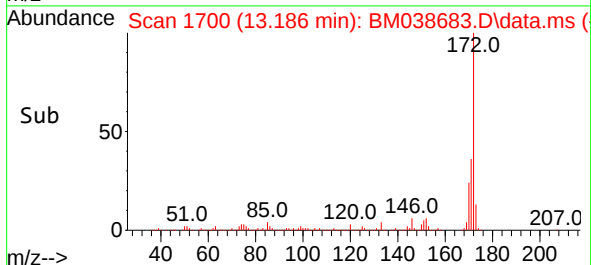
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

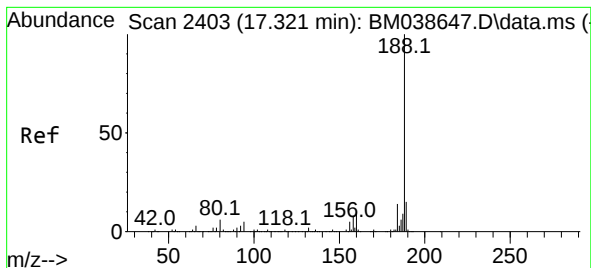


#45  
2-Fluorobiphenyl  
Concen: 52.912 ng  
RT: 13.186 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: BM038683.D  
Acq: 03 Feb 2023 17:34



Tgt Ion:172 Resp: 803364  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.7 43.1  
170 24.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BM038683.D

Acq: 03 Feb 2023 17:34

Instrument :

BNA\_M

ClientSampleId :

MANHOLE

Tgt Ion:188 Resp: 403010

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

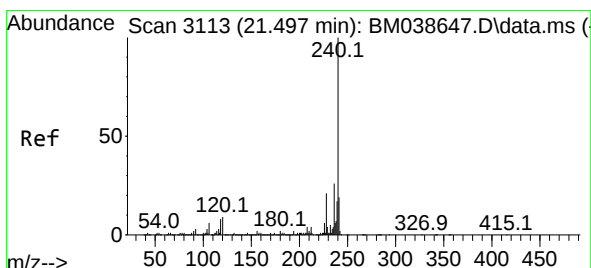
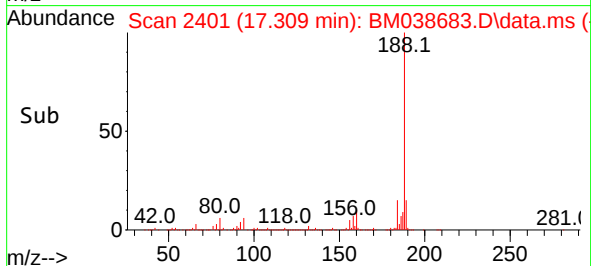
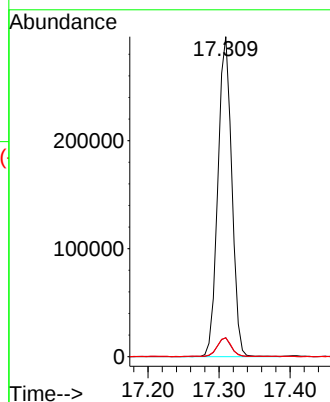
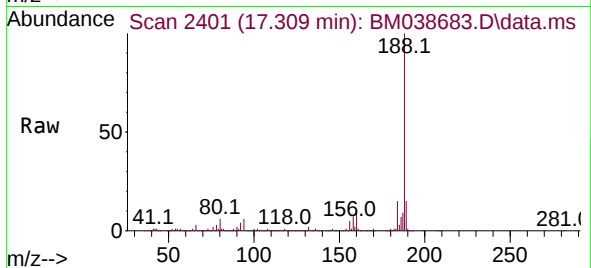
80 5.8 4.6 7.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/06/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038683.D

Acq: 03 Feb 2023 17:34

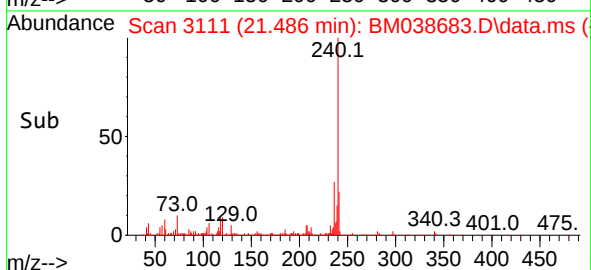
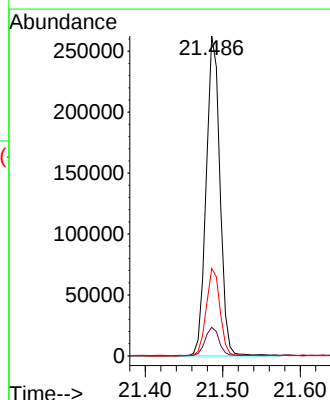
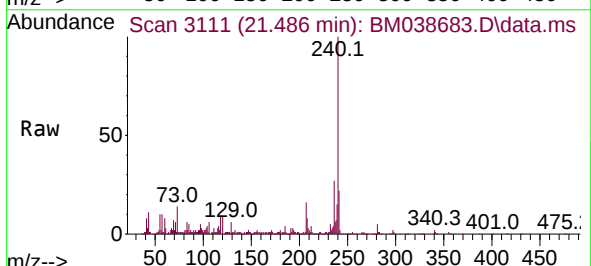
Tgt Ion:240 Resp: 323927

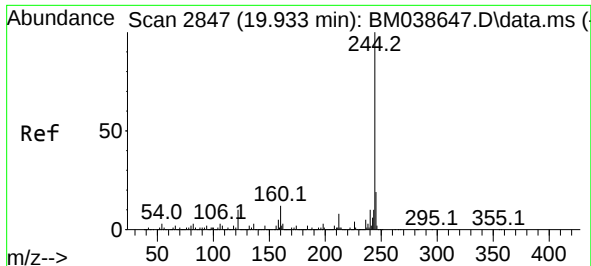
Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.4

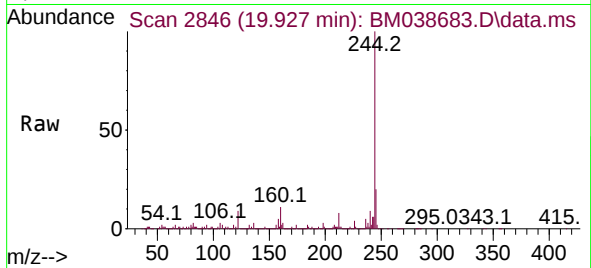
236 27.3 20.9 31.3





#79  
 Terphenyl-d14  
 Concen: 55.509 ng  
 RT: 19.927 min Scan# 2847  
 Delta R.T. -0.000 min  
 Lab File: BM038683.D  
 Acq: 03 Feb 2023 17:34

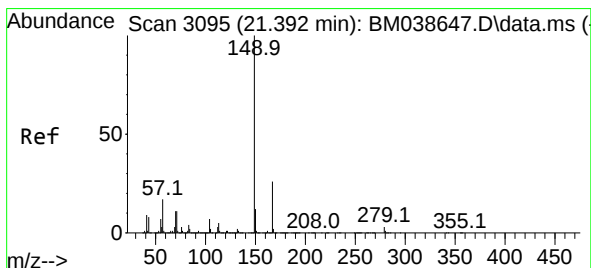
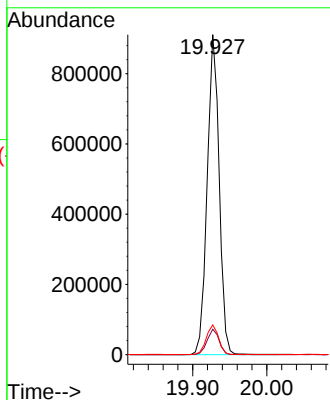
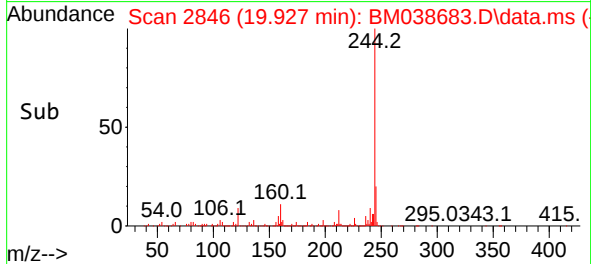
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MANHOLE



Tgt Ion:244 Resp: 1018928  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.6 9.8  
 122 9.3 7.8 11.8

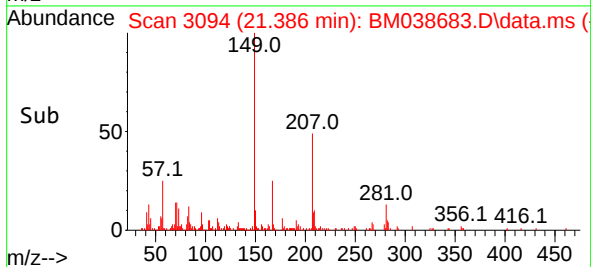
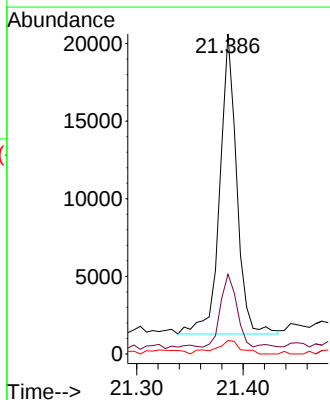
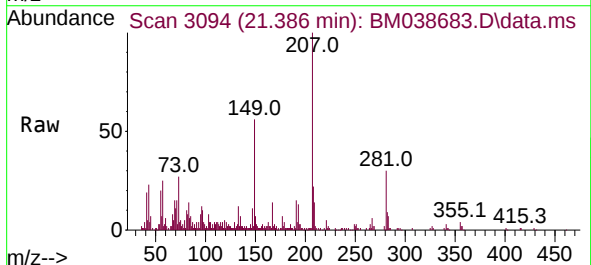
Manual Integrations  
 APPROVED

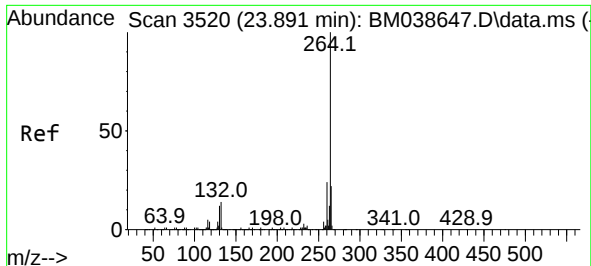
Reviewed By :Christian Giraldo 02/06/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.643 ng  
 RT: 21.386 min Scan# 3094  
 Delta R.T. -0.000 min  
 Lab File: BM038683.D  
 Acq: 03 Feb 2023 17:34

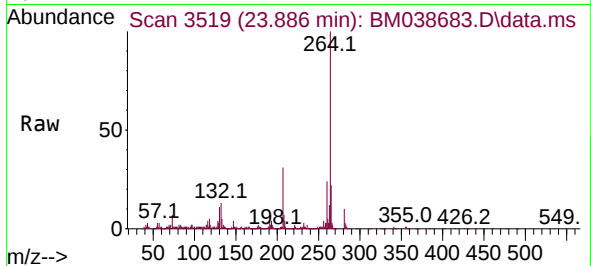
Tgt Ion:149 Resp: 21390  
 Ion Ratio Lower Upper  
 149 100  
 167 24.9 20.8 31.2  
 279 4.2 2.5 3.7#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.886 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BM038683.D  
 Acq: 03 Feb 2023 17:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MANHOLE



Tgt Ion:264 Resp: 389917  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.6 29.4  
 265 22.2 17.9 26.9

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/06/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023

