

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038906.D
 Acq On : 07 Mar 2023 21:38
 Operator : CG/JU
 Sample : 01746-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAC1DL

Quant Time: Mar 07 22:26:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	256477	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1171481	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	753390	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1632246	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1586566	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1889952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	7952	1.158	ng/uL	0.00
4) Pyridine-d5	3.822	84	28214m	1.494	ng/u1	0.02
7) Phenol-d5	7.151	99	26884	1.118	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	100877	6.566	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	84536	4.718	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	52822	2.788	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	57098	6.943	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	48659	6.314	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	98144	5.481	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	144403	4.838	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	440950	7.557	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	449942	6.597	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	10124	0.867	ng/u1	0.00
60) Fluorene-d10	15.627	176	383179	7.446	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	59734	7.039	ng/u1	0.00
73) Anthracene-d10	17.480	188	610455	7.585	ng/u1	0.00
81) Pyrene-d10	19.768	212	721419	8.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	748580	7.860	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.016	107	78931m	3.516	ng/u1	
30) Naphthalene	10.869	128	18441284m	275.874	ng/u1	
36) 2-Methylnaphthalene	12.475	142	1343885	30.800	ng/u1	98
37) 1-Methylnaphthalene	12.692	142	967290	22.002	ng/u1	100
42) 2,4,5-Trichlorophenol	13.139	196	20168	1.289	ng/u1	99
43) 1,1'-Biphenyl	13.474	154	471379	7.932	ng/u1	99
50) Acenaphthylene	14.357	152	137934	1.824	ng/u1#	94
52) Acenaphthene	14.704	153	1480984	28.445	ng/u1	99
56) Dibenzofuran	15.033	168	1362993	18.857	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	19747	1.450	ng/u1#	98
61) Fluorene	15.680	166	736559	12.154	ng/u1	100
71) Pentachlorophenol	17.027	266	75371	6.092	ng/u1	98
72) Phenanthrene	17.421	178	915341	9.706	ng/u1	100
77) Carbazole	17.780	167	3035117	34.038	ng/u1	100

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

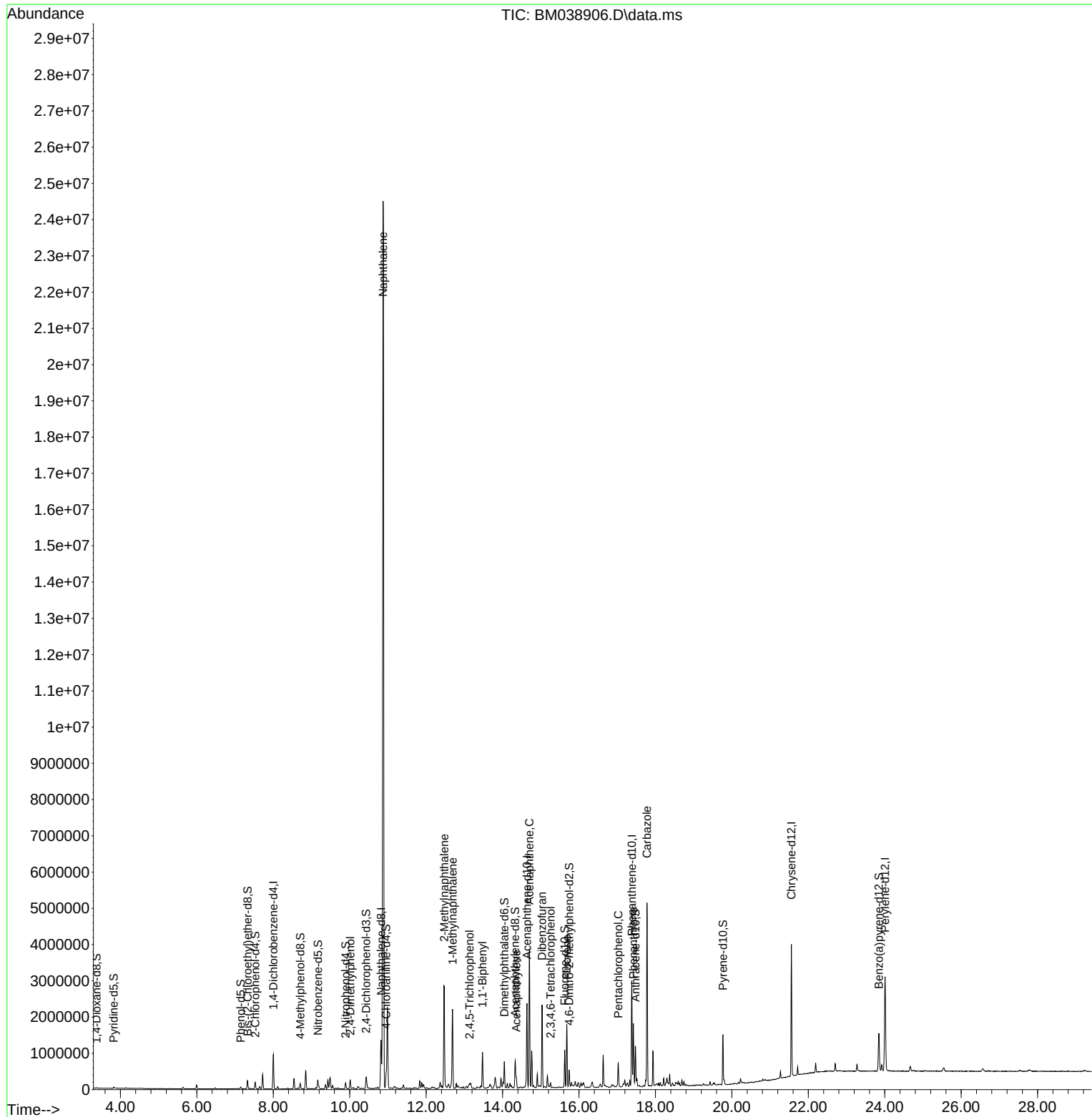
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038906.D
Acq On : 07 Mar 2023 21:38
Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

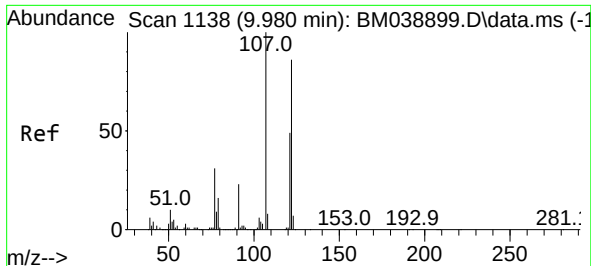
Instrument :
BNA_M
ClientSampleId :
DCAC1DL

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
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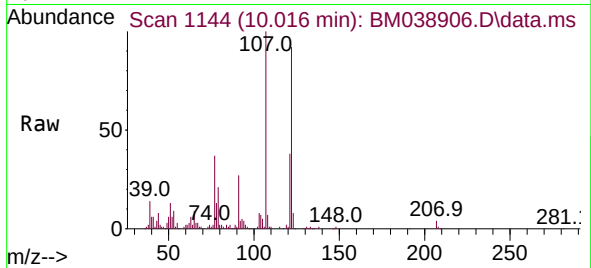
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023





#26
2,4-Dimethylphenol
Concen: 3.516 ng/ul m
RT: 10.016 min Scan# 1144
Delta R.T. 0.029 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

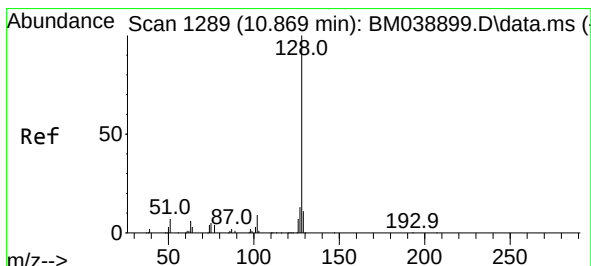
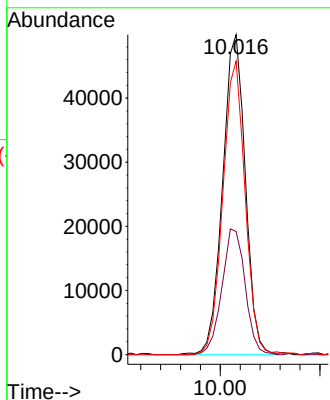
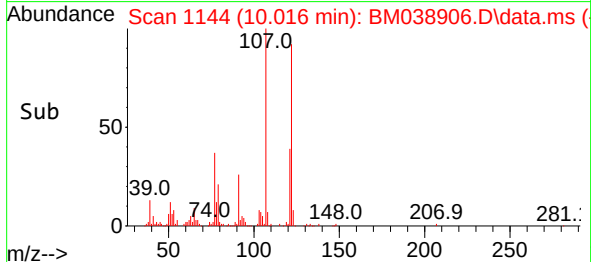
Instrument :
BNA_M
ClientSampleId :
DCAC1DL



Tgt Ion:107 Resp: 78931
Ion Ratio Lower Upper
107 100
121 38.5 39.8 59.8#
122 91.7 69.0 103.4#

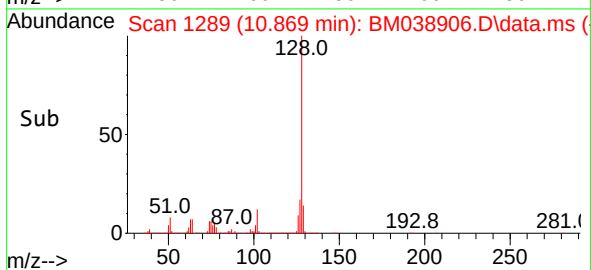
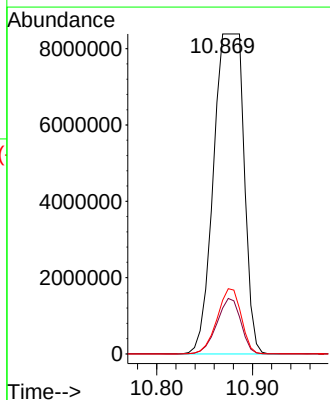
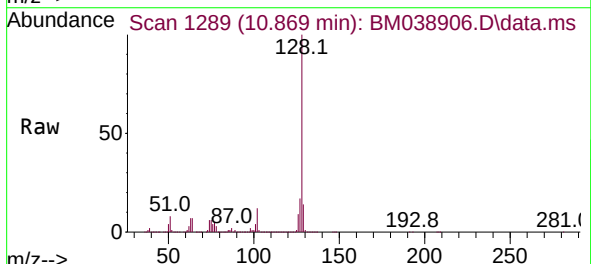
Manual Integrations
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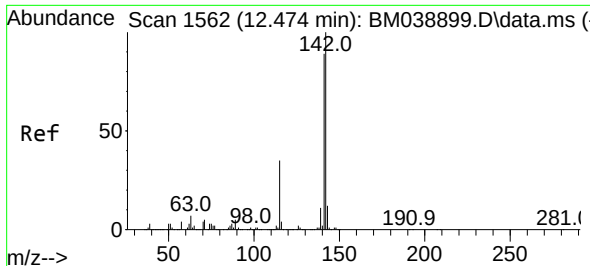
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#30
Naphthalene
Concen: 275.874 ng/ul m
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

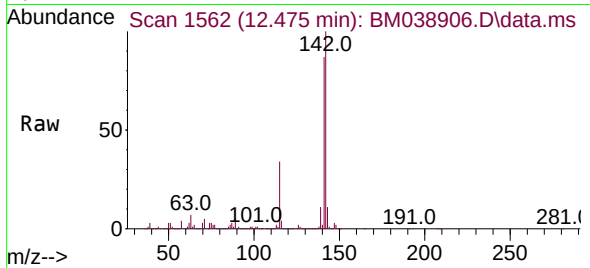
Tgt Ion:128 Resp:18441284
Ion Ratio Lower Upper
128 100
129 14.3 8.6 12.8#
127 16.8 10.2 15.4#





#36
2-Methylnaphthalene
Concen: 30.800 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

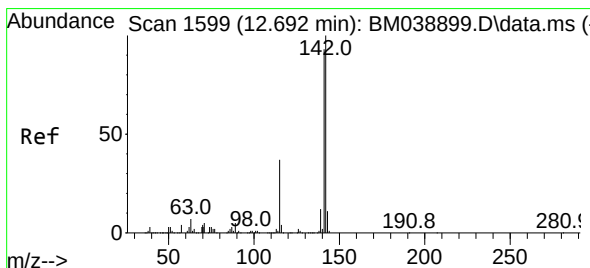
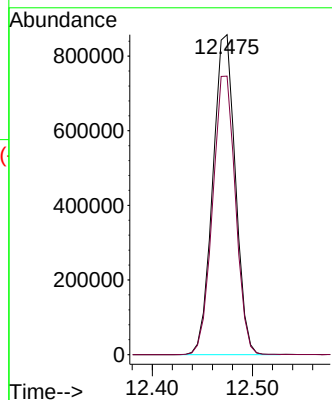
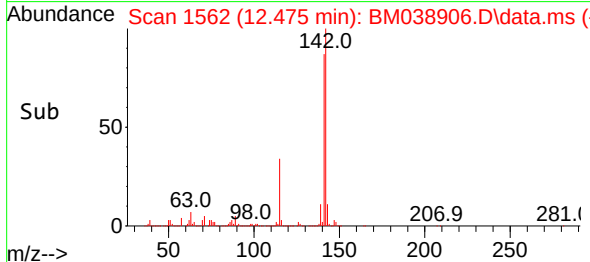
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BNA_M
ClientSampleId :
DCAC1DL



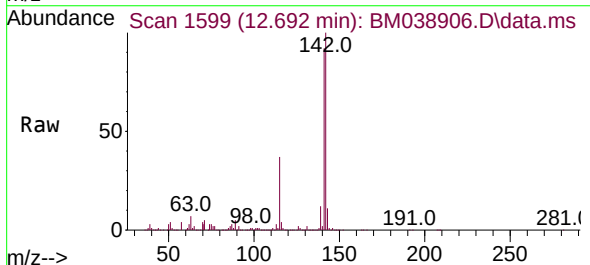
Tgt Ion:142 Resp: 1343885
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.6

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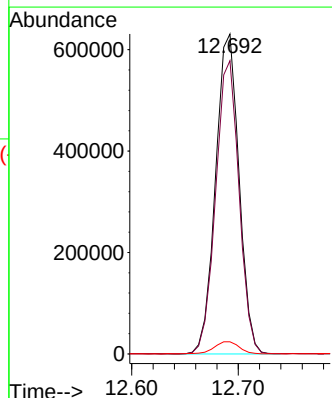
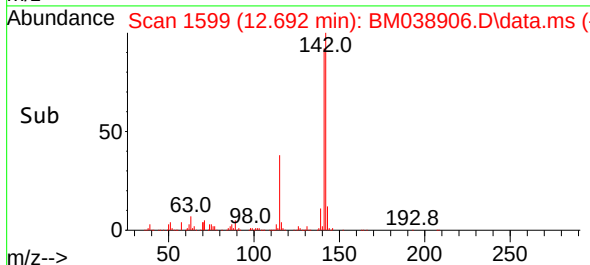
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

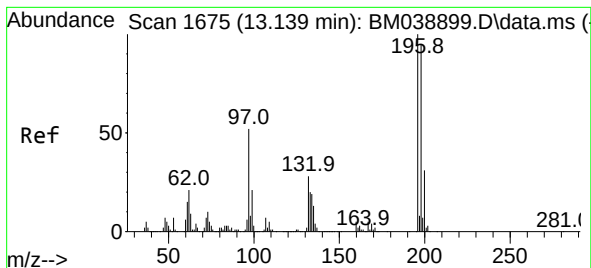


#37
1-Methylnaphthalene
Concen: 22.002 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38



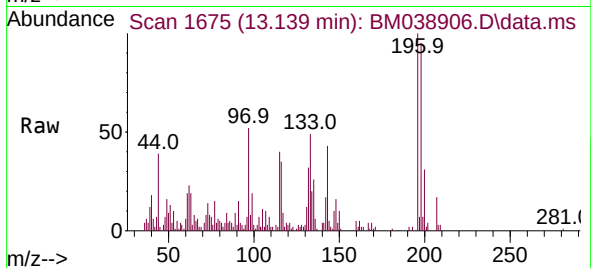
Tgt Ion:142 Resp: 967290
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0
116 3.8 3.2 4.8





#42
2,4,5-Trichlorophenol
Concen: 1.289 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

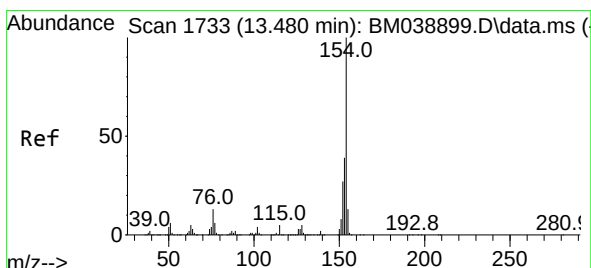
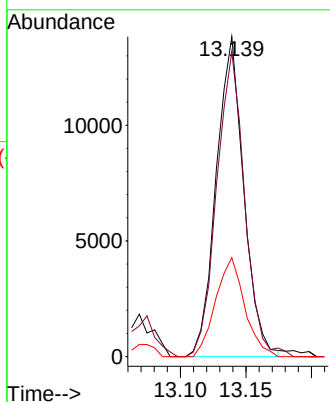
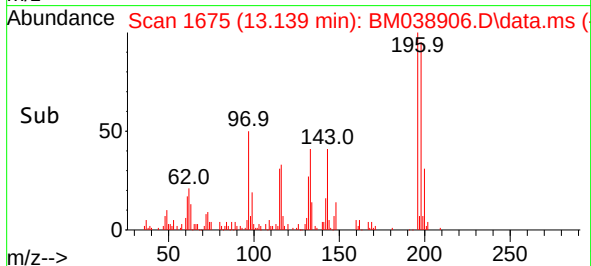
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BNA_M
ClientSampleId :
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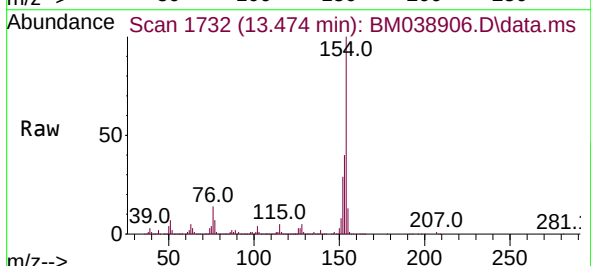
Tgt Ion:196 Resp: 20168
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
200 30.9 24.8 37.2

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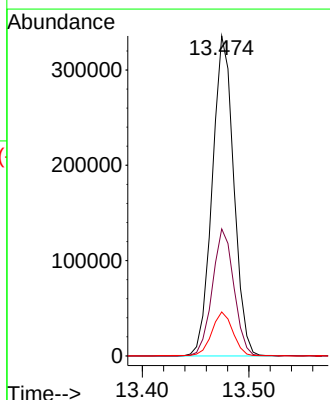
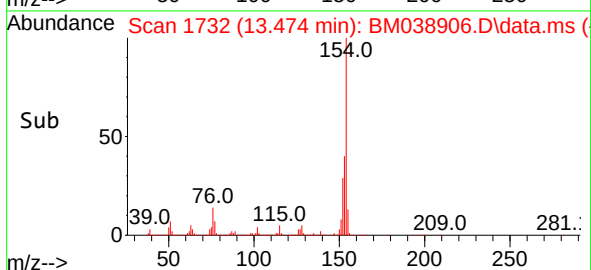
Reviewed By :Christian Giraldo 03/08/2023
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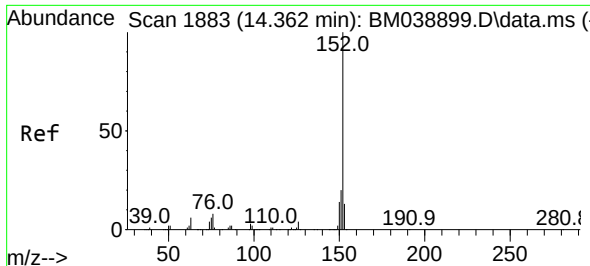


#43
1,1'-Biphenyl
Concen: 7.932 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38



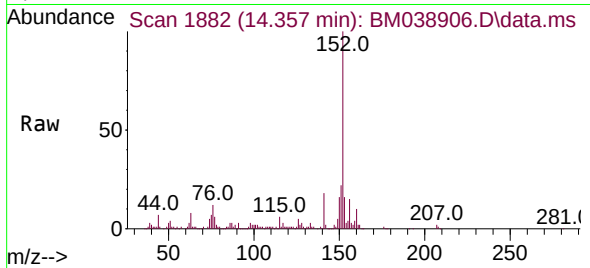
Tgt Ion:154 Resp: 471379
Ion Ratio Lower Upper
154 100
153 39.7 31.3 46.9
76 13.7 11.0 16.6





#50
Acenaphthylene
Concen: 1.824 ng/ul
RT: 14.357 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

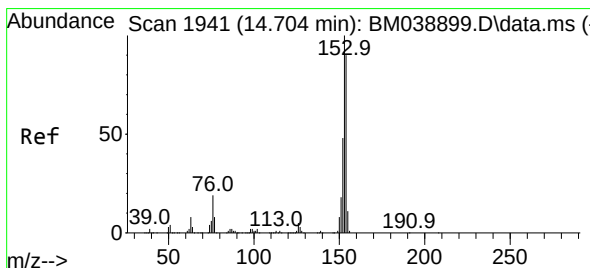
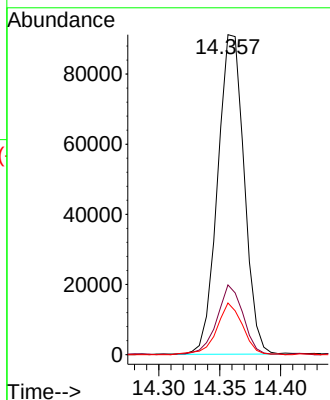
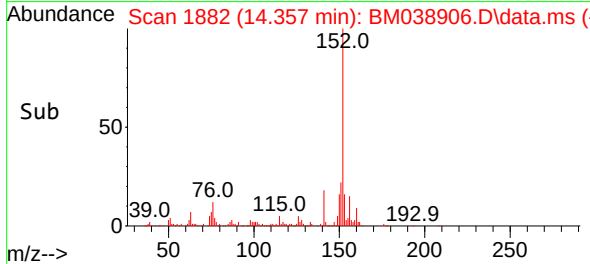
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ClientSampleId :
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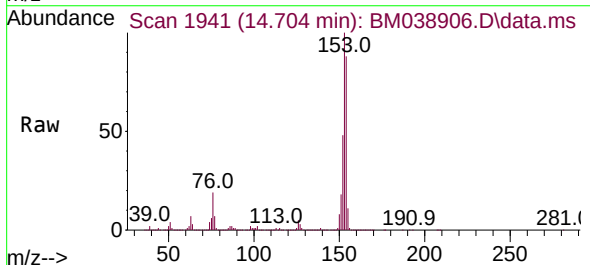
Tgt Ion:152 Resp: 137934
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 16.1 10.4 15.6

Manual Integrations
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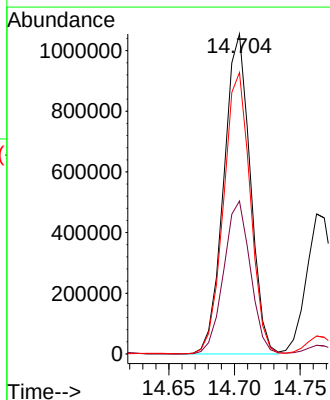
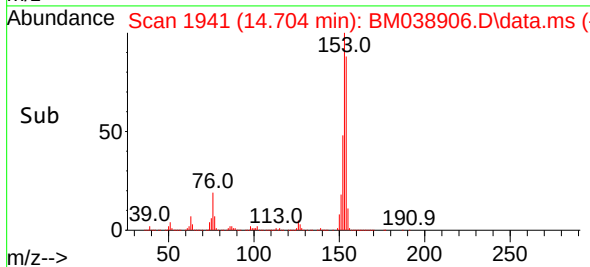
Reviewed By :Christian Giraldo 03/08/2023
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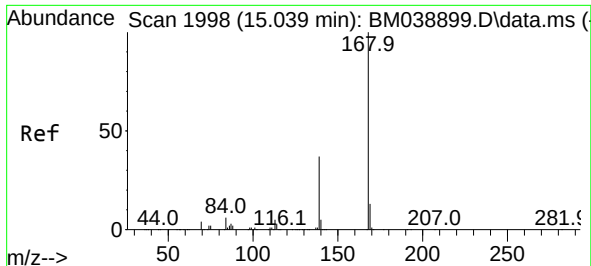


#52
Acenaphthene
Concen: 28.445 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38



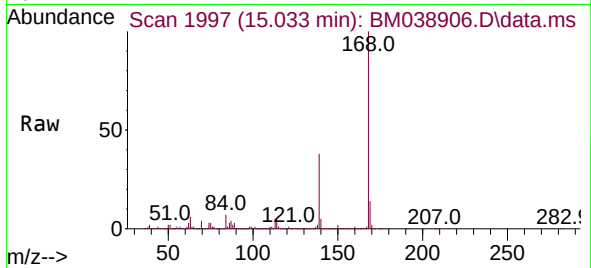
Tgt Ion:153 Resp: 1480984
Ion Ratio Lower Upper
153 100
152 47.8 39.1 58.7
154 87.9 70.4 105.6





#56
Dibenzofuran
Concen: 18.857 ng/ul
RT: 15.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

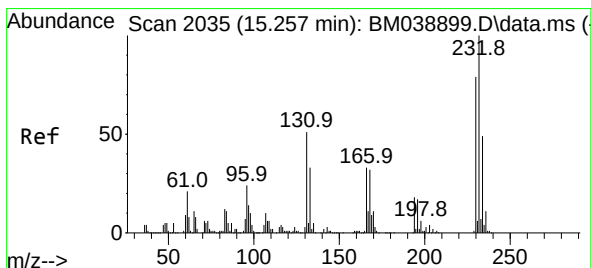
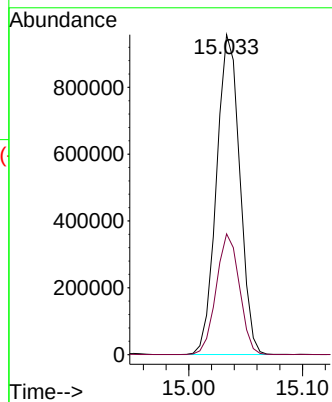
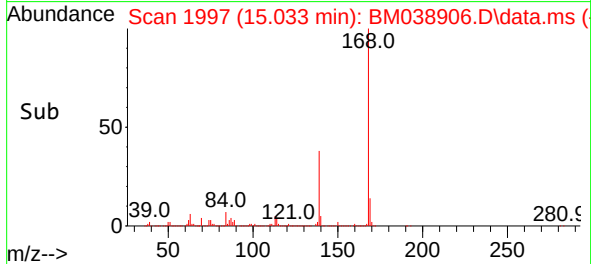
Instrument :
BNA_M
ClientSampleId :
DCAC1DL



Tgt Ion:168 Resp: 1362993
Ion Ratio Lower Upper
168 100
139 37.7 30.9 46.3

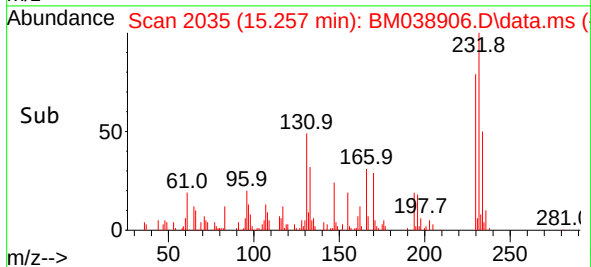
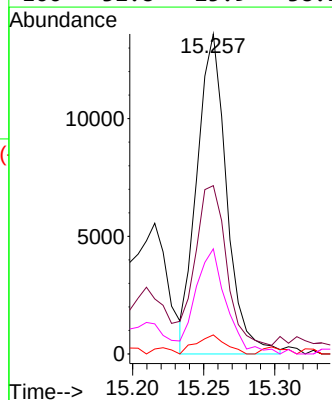
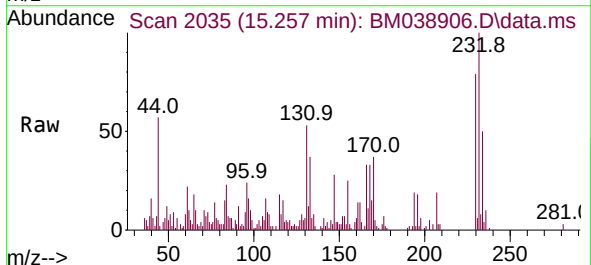
Manual Integrations
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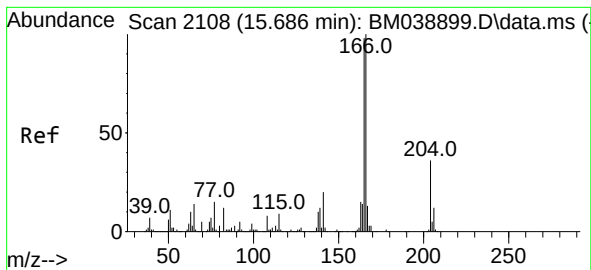
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.450 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

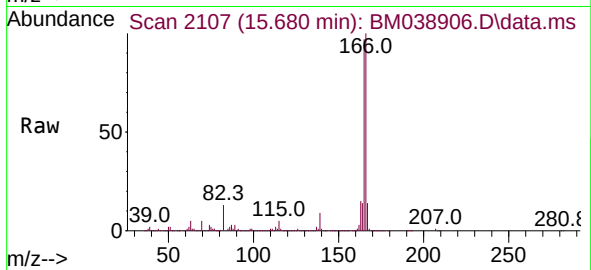
Tgt Ion:232 Resp: 19747
Ion Ratio Lower Upper
232 100
131 52.6 40.6 60.8
130 5.9 2.0 3.0#
166 32.8 25.9 38.9





#61
Fluorene
Concen: 12.154 ng/ul
RT: 15.680 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

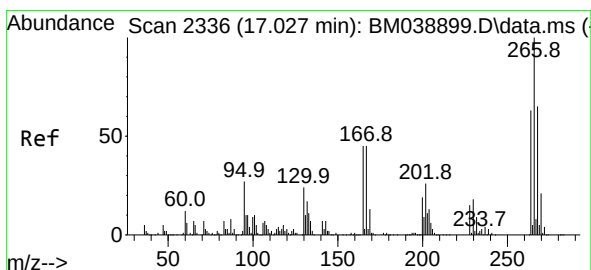
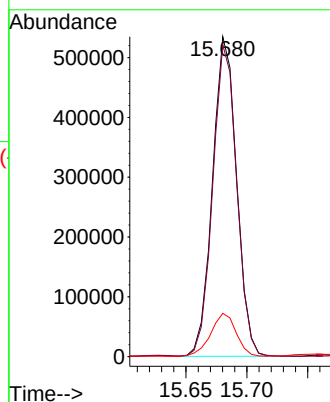
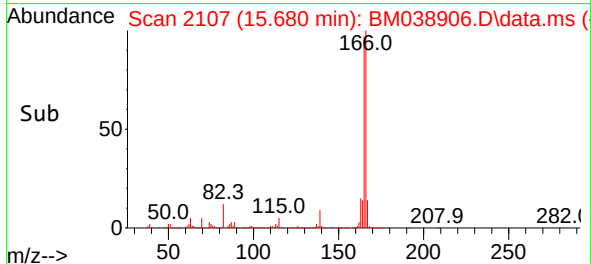
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BNA_M
ClientSampleId :
DCAC1DL



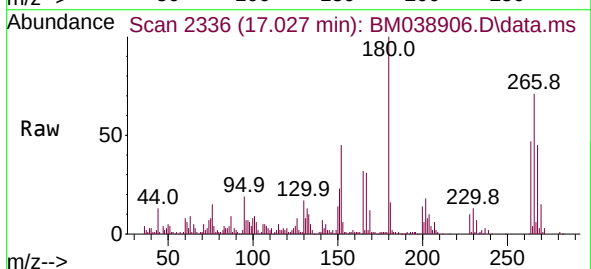
Tgt Ion:166 Resp: 736559
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.5 10.5 15.7

Manual Integrations
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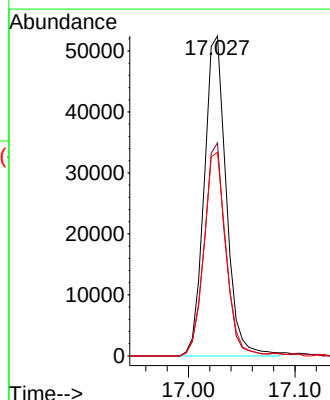
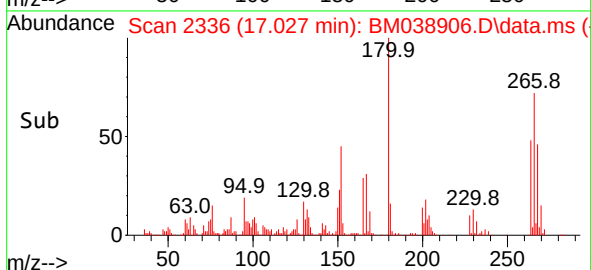
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

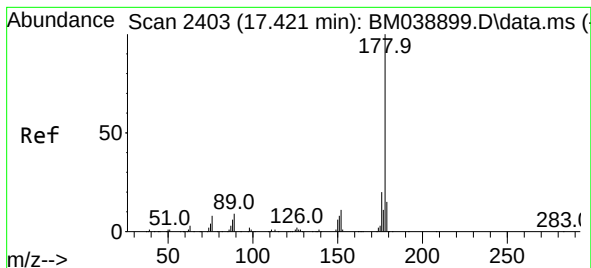


#71
Pentachlorophenol
Concen: 6.092 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38



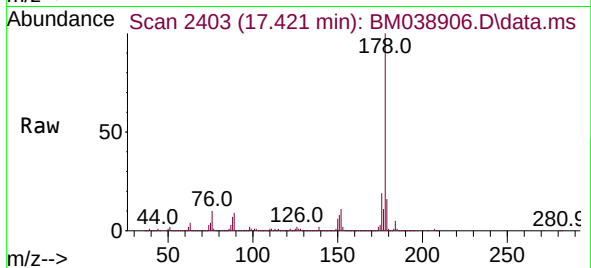
Tgt Ion:266 Resp: 75371
Ion Ratio Lower Upper
266 100
264 66.6 51.0 76.6
268 63.7 51.7 77.5





#72
Phenanthrene
Concen: 9.706 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38

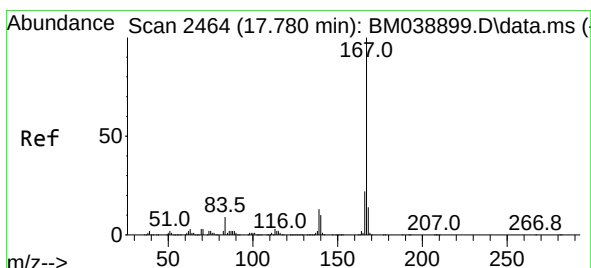
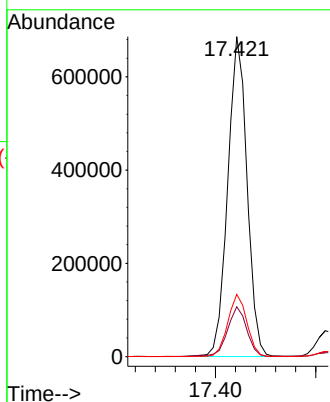
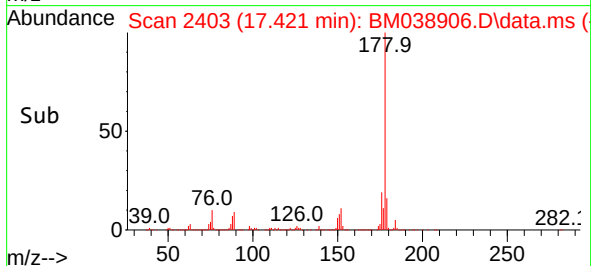
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BNA_M
ClientSampleId :
DCAC1DL



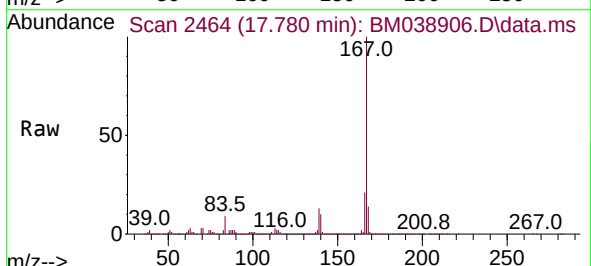
Tgt Ion:178 Resp: 91534
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.4 15.7 23.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#77
Carbazole
Concen: 34.038 ng/ul
RT: 17.780 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BM038906.D
Acq: 07 Mar 2023 21:38



Tgt Ion:167 Resp: 3035117
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.2 10.6 16.0

