

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038907.D
 Acq On : 07 Mar 2023 22:15
 Operator : CG/JU
 Sample : 01746-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAC7

Quant Time: Mar 07 22:51:41 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	292310	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1364009	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	884294	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1909249	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1774479	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	2012909	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	33260	4.249	ng/uL	0.00
4) Pyridine-d5	3.804	84	196377	9.124	ng/u1	0.00
7) Phenol-d5	7.151	99	161401	5.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	517265	29.541	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	485194	23.760	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	311228	14.416	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	326737	34.121	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	317724	35.410	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	557787	26.752	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	797899	22.959	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2222496	32.449	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2444462	30.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	68720	5.012	ng/u1	0.00
60) Fluorene-d10	15.627	176	1948302	32.254	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	336802	33.932	ng/u1	0.00
73) Anthracene-d10	17.480	188	3259522	34.622	ng/u1	0.00
81) Pyrene-d10	19.768	212	3755806	38.483	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	3732563	36.796	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.016	107	43533	1.665	ng/u1#	88
30) Naphthalene	10.869	128	18667220m	239.837	ng/u1	
36) 2-Methylnaphthalene	12.474	142	1506245	29.648	ng/u1	99
37) 1-Methylnaphthalene	12.692	142	1083334	21.164	ng/u1	98
42) 2,4,5-Trichlorophenol	13.139	196	32576	1.774	ng/u1	98
43) 1,1'-Biphenyl	13.474	154	783521	11.233	ng/u1	99
50) Acenaphthylene	14.357	152	199189	2.244	ng/u1	97
52) Acenaphthene	14.704	153	1717074	28.097	ng/u1	99
56) Dibenzofuran	15.033	168	2322577	27.375	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	63446m	3.969	ng/u1	
61) Fluorene	15.680	166	848660	11.930	ng/u1	97
71) Pentachlorophenol	17.027	266	234103	16.176	ng/u1	99
72) Phenanthrene	17.421	178	1276551	11.572	ng/u1	100
77) Carbazole	17.786	167	6195735	59.402	ng/u1	100

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

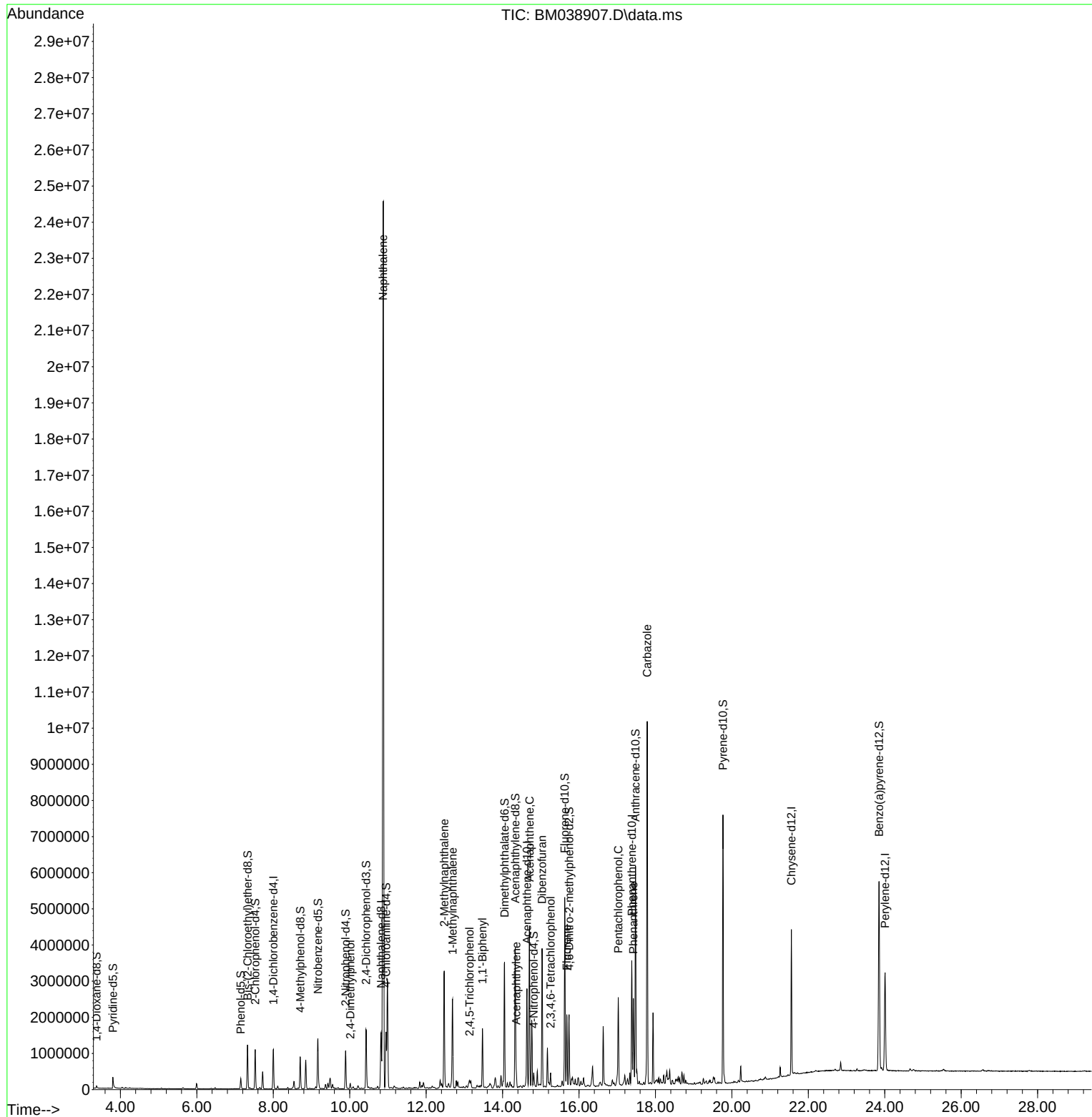
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

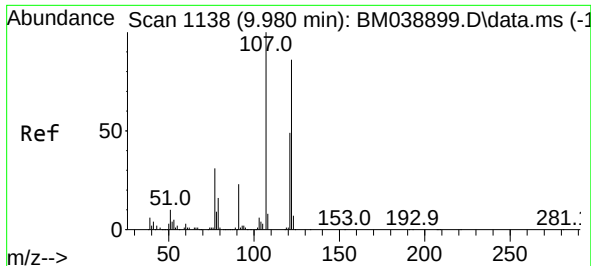
Instrument :
BNA_M
ClientSampleId :
DCAC7

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Manual Integrations
APPROVED

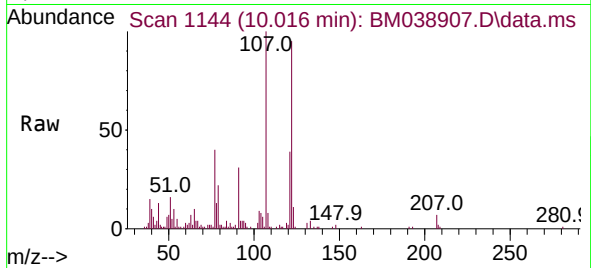
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023





#26
2,4-Dimethylphenol
Concen: 1.665 ng/ul
RT: 10.016 min Scan# 1144
Delta R.T. 0.029 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

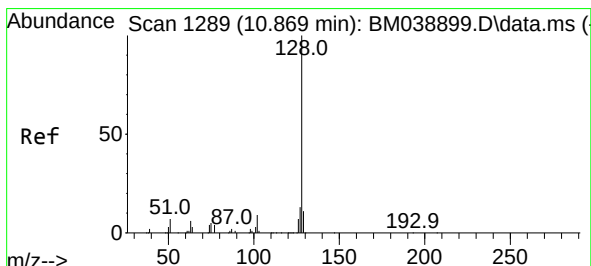
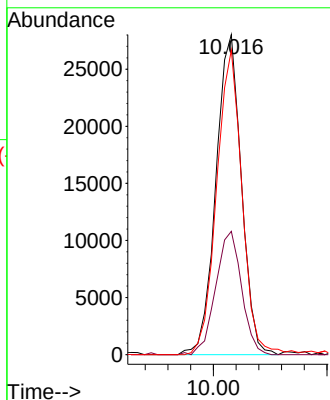
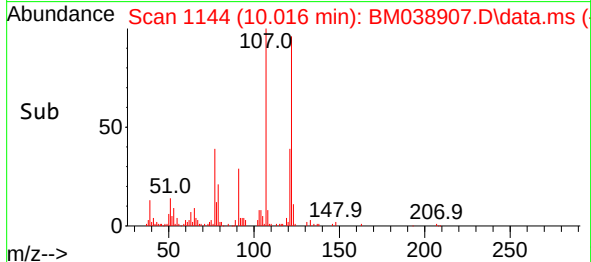
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:107 Resp: 43533
Ion Ratio Lower Upper
107 100
121 38.5 39.8 59.8#
122 95.2 69.0 103.4#

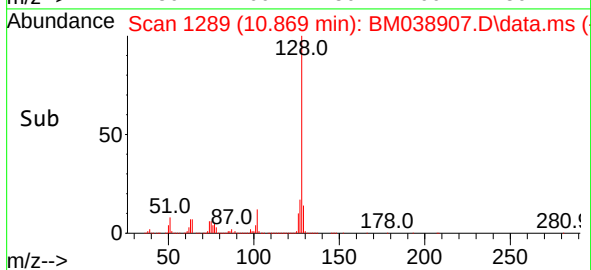
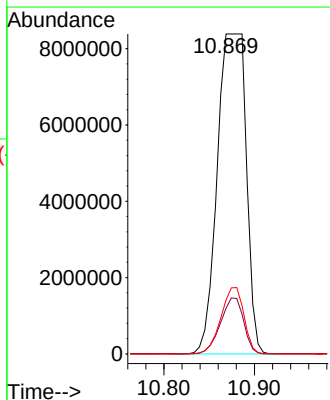
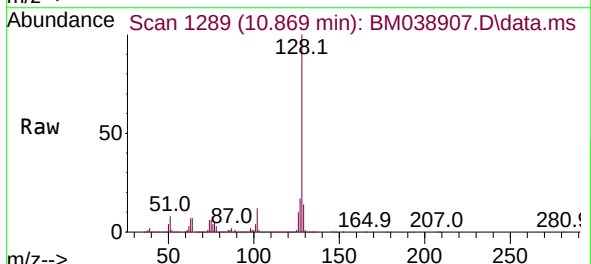
Manual Integrations
APPROVED

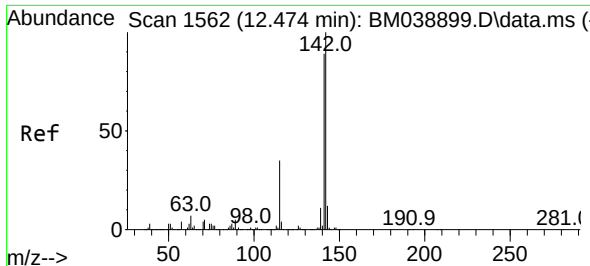
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#30
Naphthalene
Concen: 239.837 ng/ul m
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

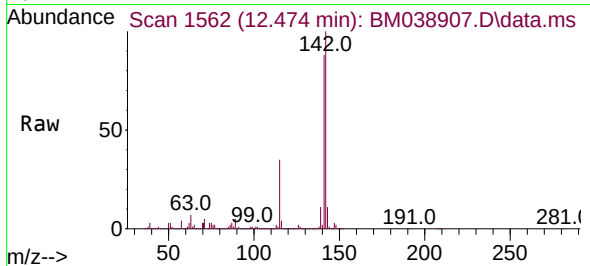
Tgt Ion:128 Resp:18667220
Ion Ratio Lower Upper
128 100
129 14.2 8.6 12.8#
127 16.8 10.2 15.4#





#36
2-Methylnaphthalene
Concen: 29.648 ng/ul
RT: 12.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

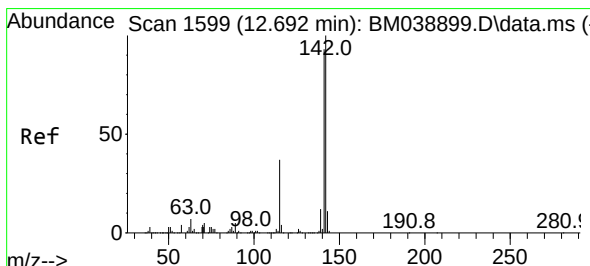
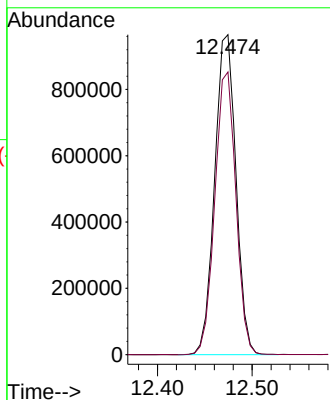
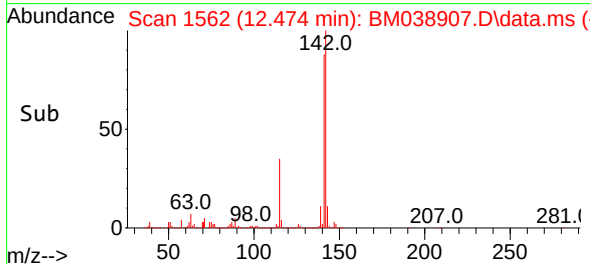
Instrument :
BNA_M
ClientSampleId :
DCAC7



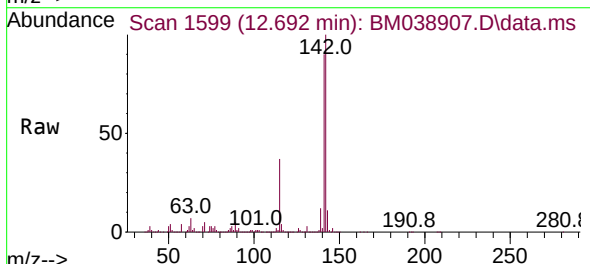
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Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6

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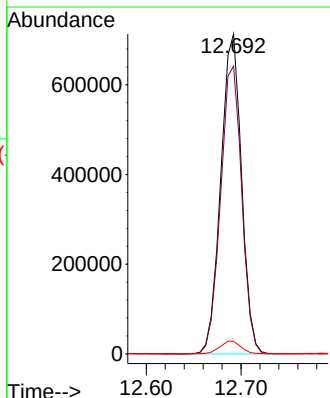
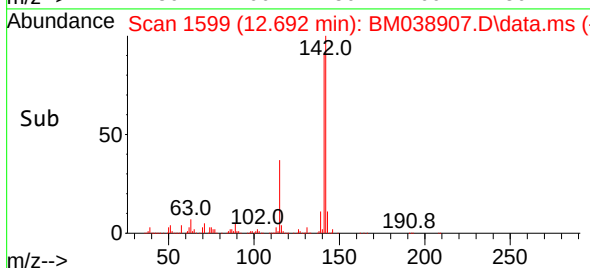
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

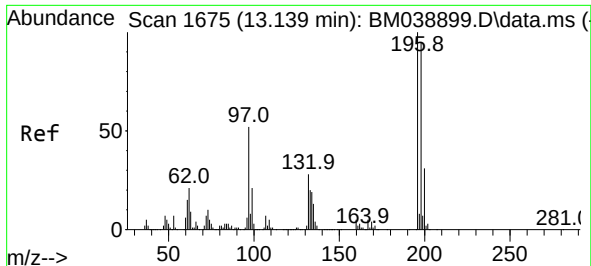


#37
1-Methylnaphthalene
Concen: 21.164 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15



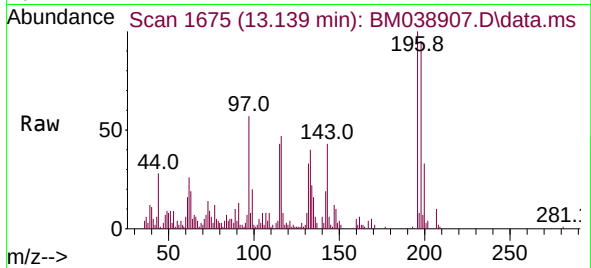
Tgt Ion:142 Resp: 1083334
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.0
116 3.9 3.2 4.8





#42
2,4,5-Trichlorophenol
Concen: 1.774 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

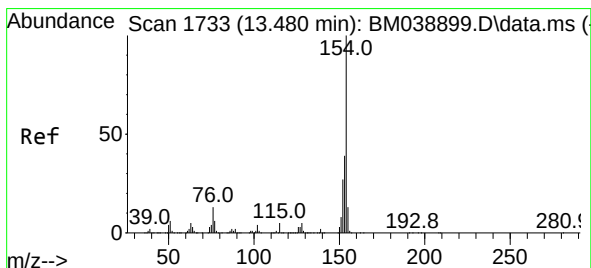
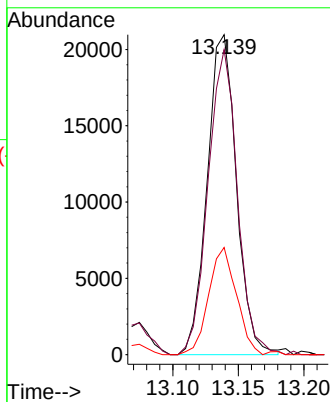
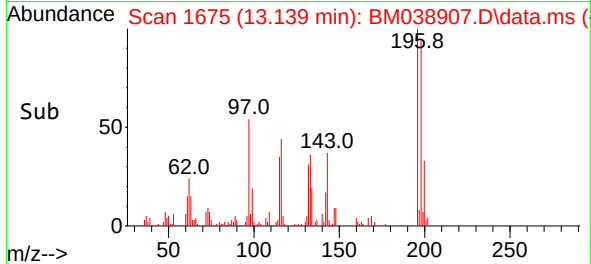
Instrument :
BNA_M
ClientSampleId :
DCAC7



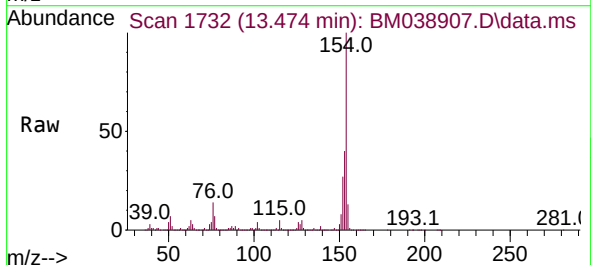
Tgt Ion:196 Resp: 32576
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
200 33.5 24.8 37.2

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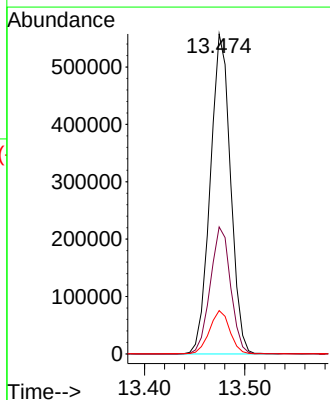
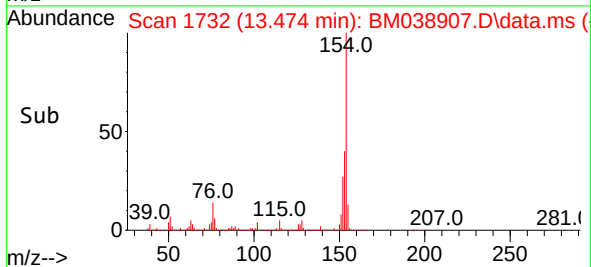
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

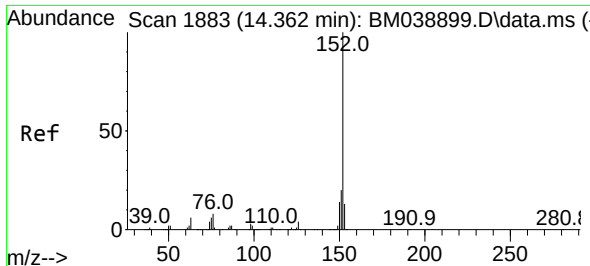


#43
1,1'-Biphenyl
Concen: 11.233 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15



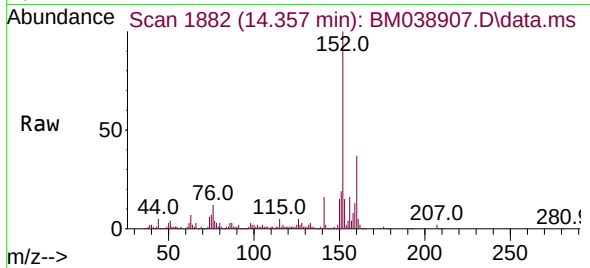
Tgt Ion:154 Resp: 783521
Ion Ratio Lower Upper
154 100
153 39.7 31.3 46.9
76 13.5 11.0 16.6





#50
Acenaphthylene
Concen: 2.244 ng/ul
RT: 14.357 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

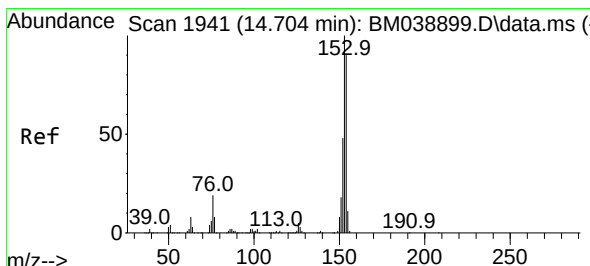
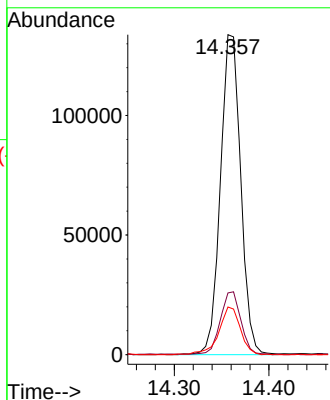
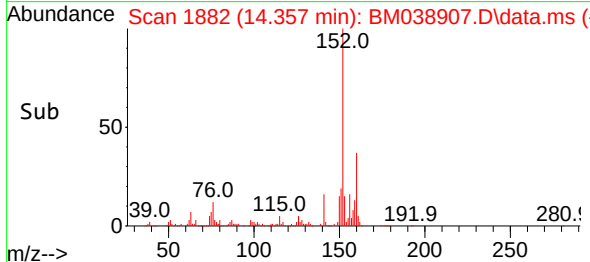
Instrument :
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ClientSampleId :
DCAC7



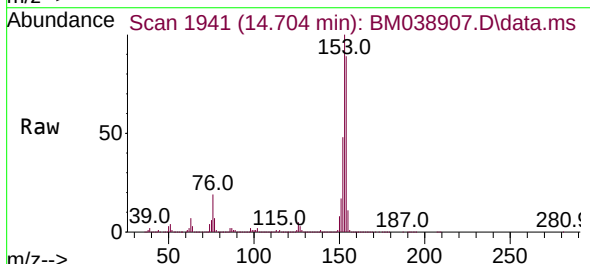
Tgt Ion:152 Resp: 199189
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 14.9 10.4 15.6

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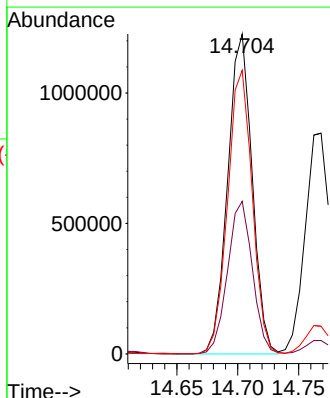
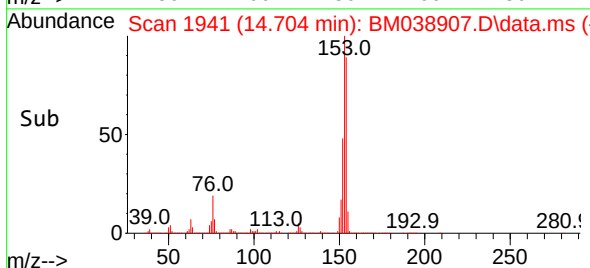
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

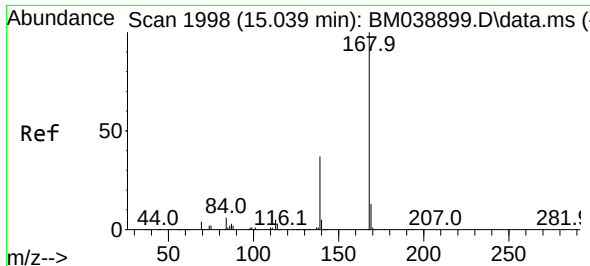


#52
Acenaphthene
Concen: 28.097 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15



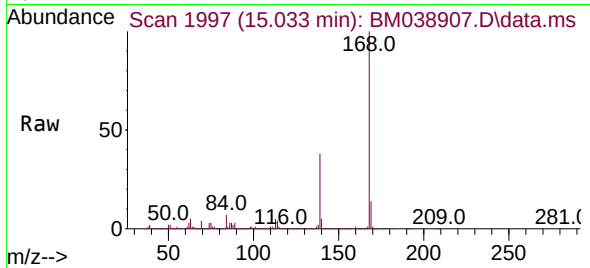
Tgt Ion:153 Resp: 1717074
Ion Ratio Lower Upper
153 100
152 47.7 39.1 58.7
154 88.6 70.4 105.6





#56
Dibenzofuran
Concen: 27.375 ng/ul
RT: 15.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

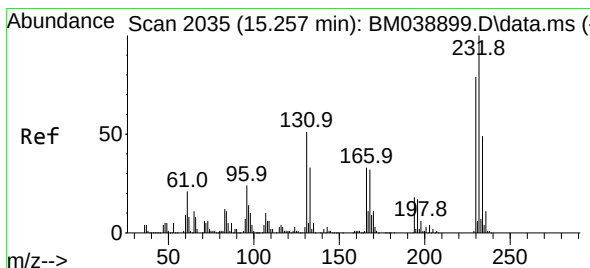
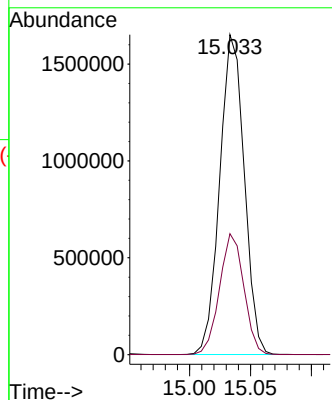
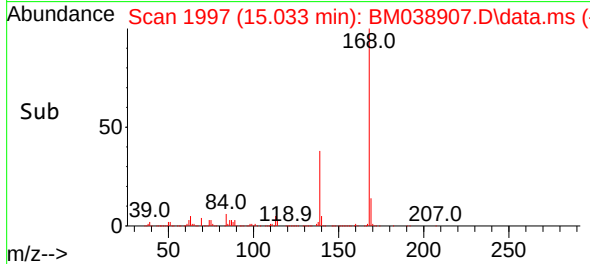
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:168 Resp: 232257
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3

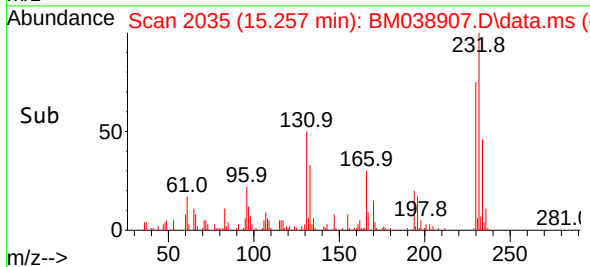
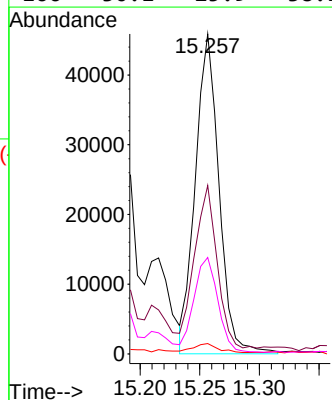
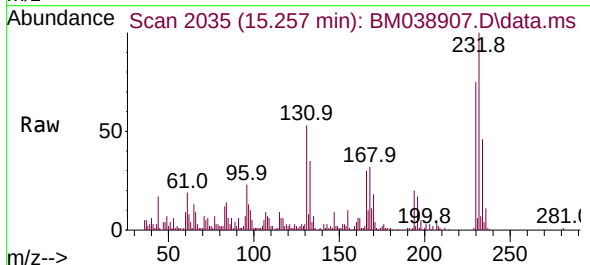
Manual Integrations
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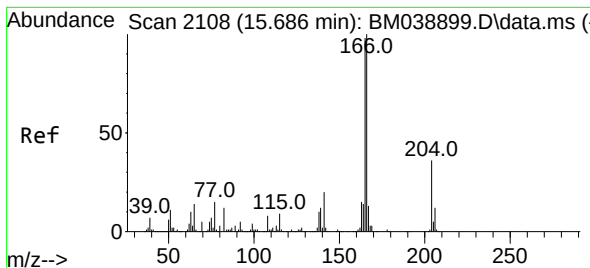
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.969 ng/ul m
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

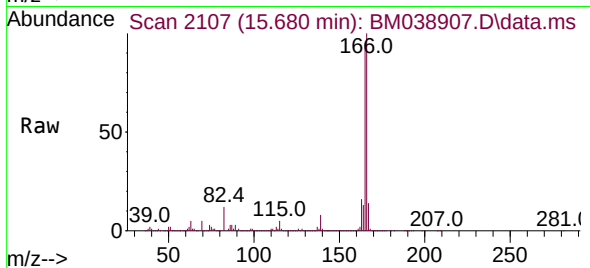
Tgt Ion:232 Resp: 63446
Ion Ratio Lower Upper
232 100
131 52.6 40.6 60.8
130 3.2 2.0 3.0#
166 30.1 25.9 38.9





#61
Fluorene
Concen: 11.930 ng/ul
RT: 15.680 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

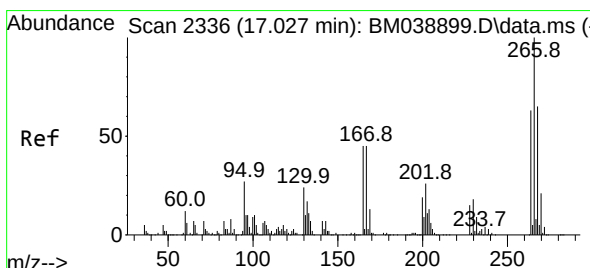
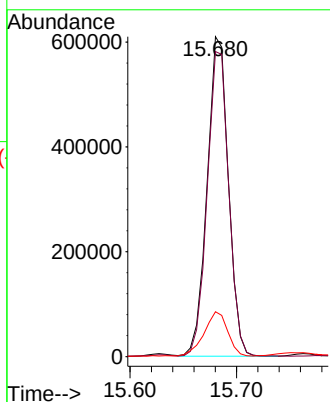
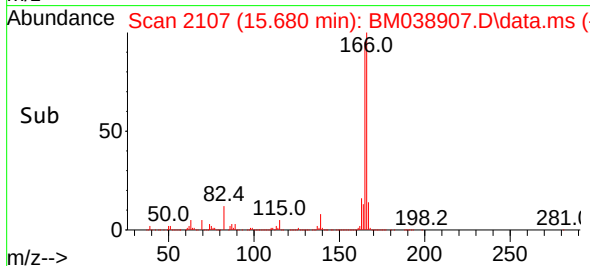
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:166 Resp: 848660
Ion Ratio Lower Upper
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165 95.3 78.2 117.4
167 14.0 10.5 15.7

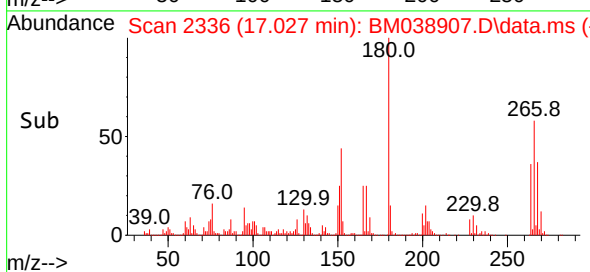
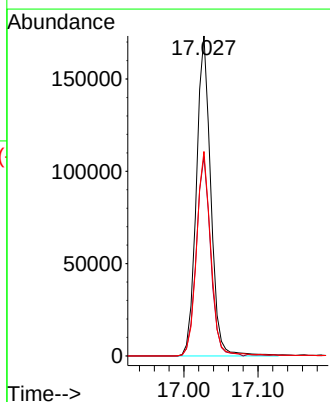
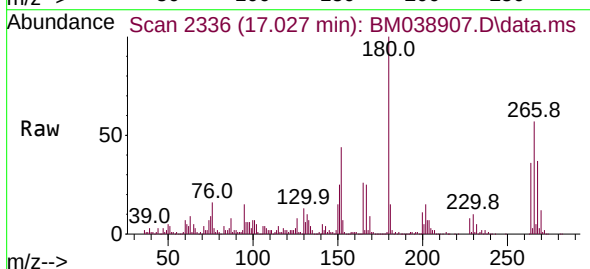
Manual Integrations
APPROVED

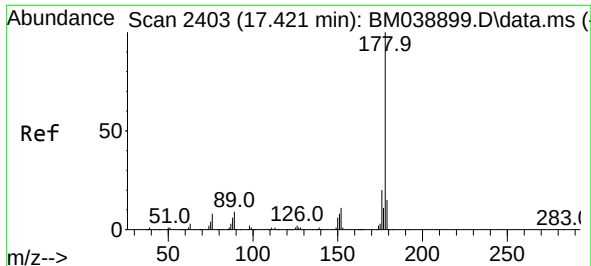
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#71
Pentachlorophenol
Concen: 16.176 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

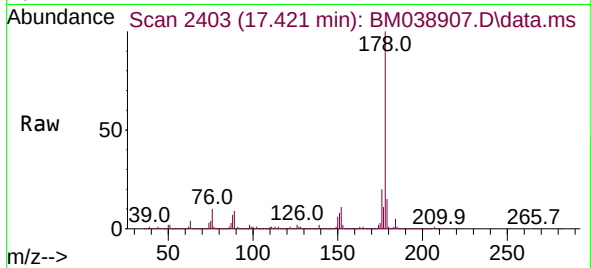
Tgt Ion:266 Resp: 234103
Ion Ratio Lower Upper
266 100
264 62.3 51.0 76.6
268 63.9 51.7 77.5





#72
Phenanthrene
Concen: 11.572 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15

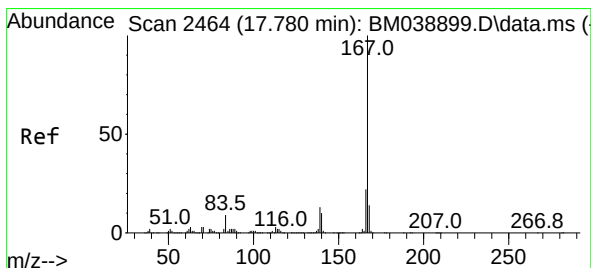
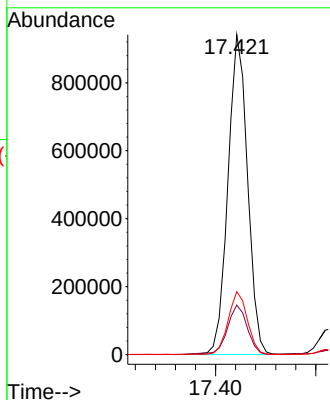
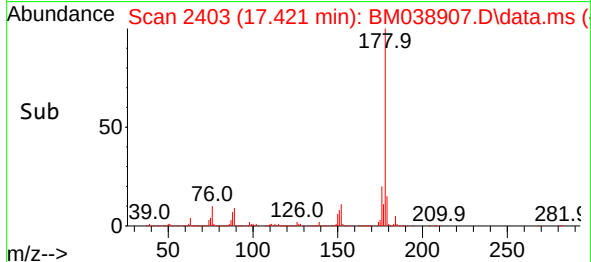
Instrument :
BNA_M
ClientSampleId :
DCAC7



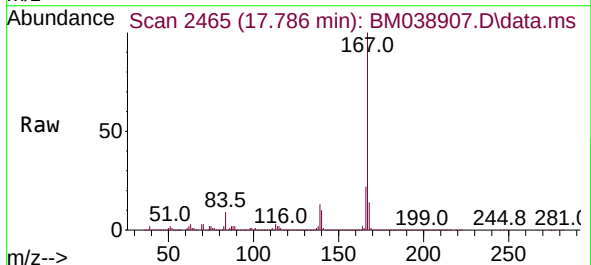
Tgt Ion:178 Resp: 127655
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.7 15.7 23.5

Manual Integrations
APPROVED

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



#77
Carbazole
Concen: 59.402 ng/ul
RT: 17.786 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BM038907.D
Acq: 07 Mar 2023 22:15



Tgt Ion:167 Resp: 6195735
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.3 10.6 16.0

