

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038909.D
 Acq On : 07 Mar 2023 23:29
 Operator : CG/JU
 Sample : 01746-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD5

Manual Integrations
 APPROVED

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

Quant Time: Mar 08 00:09:54 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	318849	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1443911	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	924584	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1965393	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1824822	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	2067677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	37754	4.421	ng/uL	0.00
4) Pyridine-d5	3.804	84	238126	10.143	ng/u1	0.00
7) Phenol-d5	7.151	99	154399	5.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	559236	29.279	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	500786	22.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	312030	13.250	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	344550	33.991	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	337140	35.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	579428	26.252	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	819681	22.280	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2266618	31.652	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2538291	30.326	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	60951	4.252	ng/u1	0.00
60) Fluorene-d10	15.627	176	2009775	31.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	307781	30.122	ng/u1	0.00
73) Anthracene-d10	17.480	188	3297768	34.028	ng/u1	0.00
81) Pyrene-d10	19.768	212	3801139	37.873	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	3773190	36.211	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.875	128	14854968	180.296	ng/u1	95
36) 2-Methylnaphthalene	12.469	142	889645	16.542	ng/u1	100
37) 1-Methylnaphthalene	12.686	142	544055	10.040	ng/u1	97
43) 1,1'-Biphenyl	13.474	154	450394	6.176	ng/u1	98
50) Acenaphthylene	14.357	152	195382	2.105	ng/u1	98
52) Acenaphthene	14.698	153	770592	12.060	ng/u1	99
56) Dibenzofuran	15.033	168	1967290	22.177	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	19462m	1.164	ng/u1	
61) Fluorene	15.680	166	1046644	14.072	ng/u1	100
71) Pentachlorophenol	17.021	266	37569	2.522	ng/u1	97
72) Phenanthrene	17.421	178	515190	4.537	ng/u1	100
77) Carbazole	17.780	167	3427501	31.923	ng/u1	100

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

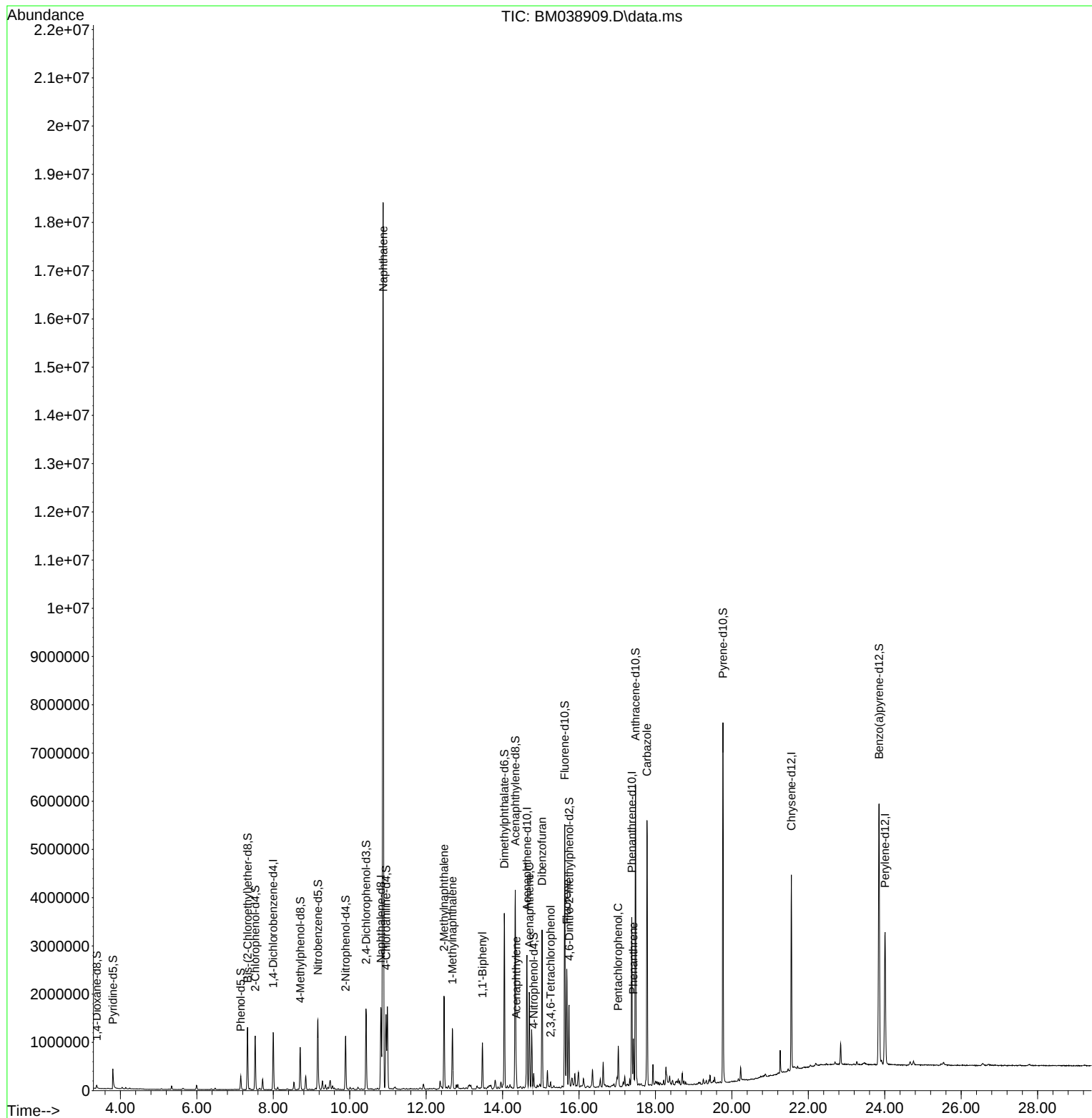
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038909.D
Acq On : 07 Mar 2023 23:29
Operator : CG/JU
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ALS Vial : 21 Sample Multiplier: 1

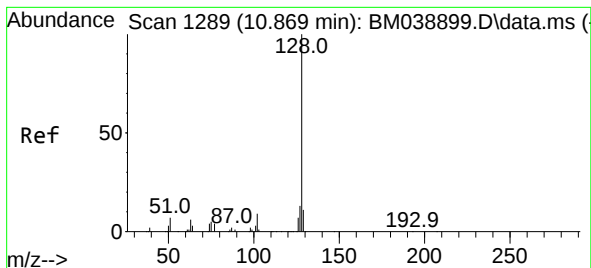
Instrument :
BNA_M
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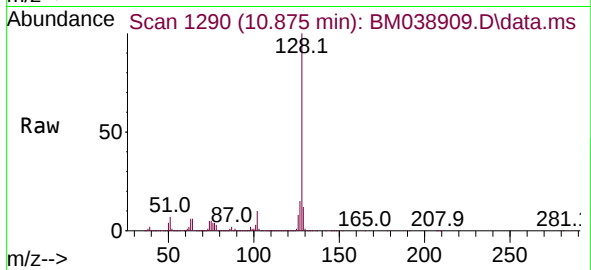
Reviewed By : Christian Giraldo 03/08/2023
Supervised By : Jagrut Upadhyay 03/08/2023





#30
Naphthalene
Concen: 180.296 ng/ul
RT: 10.875 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

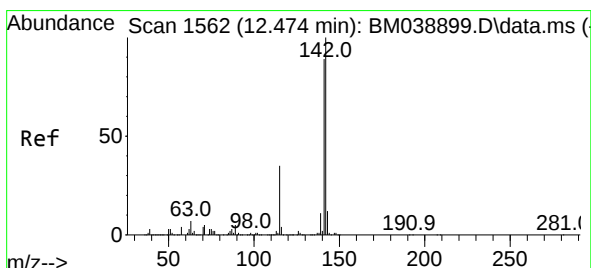
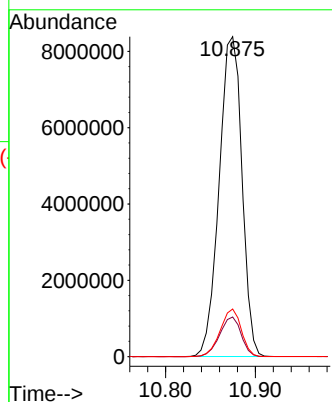
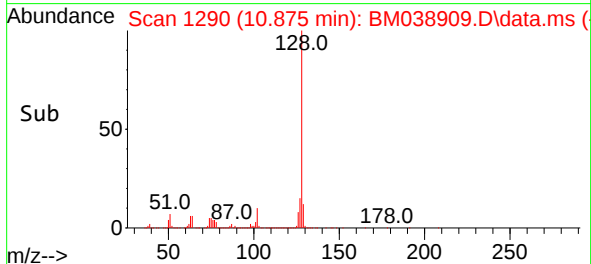
Instrument :
BNA_M
ClientSampleId :
DCAD5



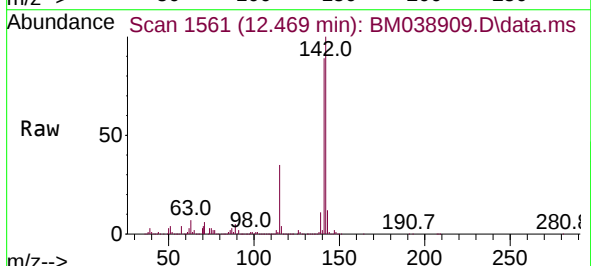
Tgt Ion:128 Resp:14854968
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 14.9 10.2 15.4

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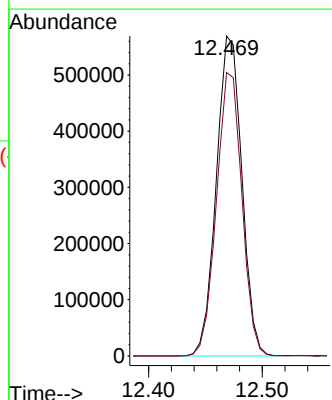
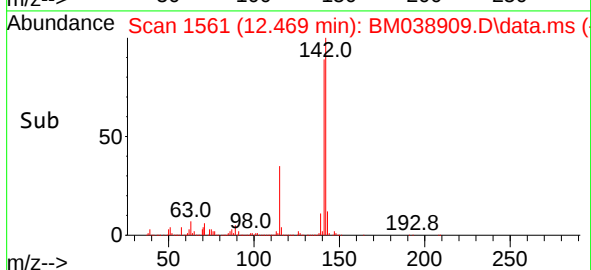
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

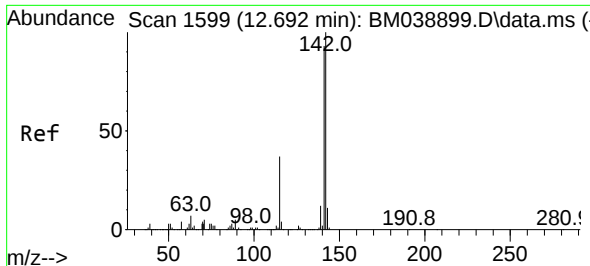


#36
2-Methylnaphthalene
Concen: 16.542 ng/ul
RT: 12.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29



Tgt Ion:142 Resp: 889645
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6





#37

1-Methylnaphthalene

Concen: 10.040 ng/ul

RT: 12.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038909.D

Acq: 07 Mar 2023 23:29

Instrument :

BNA_M

ClientSampleId :

DCAD5

Tgt Ion:142 Resp: 544055

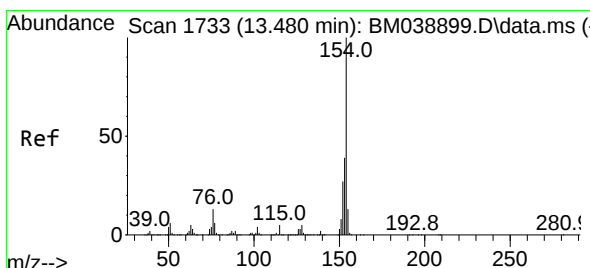
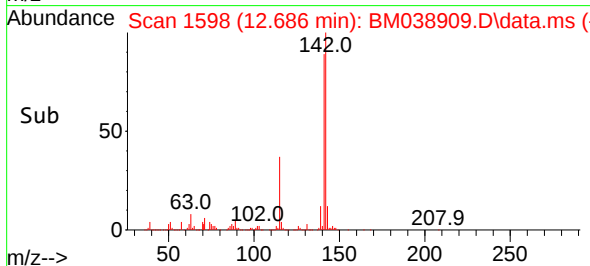
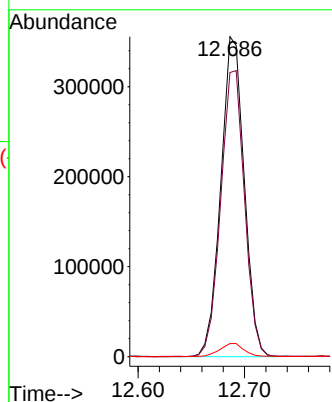
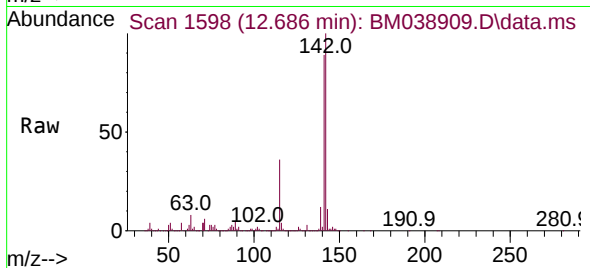
Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.4	110.0
116	4.1	3.2	4.8

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#43

1,1'-Biphenyl

Concen: 6.176 ng/ul

RT: 13.474 min Scan# 1732

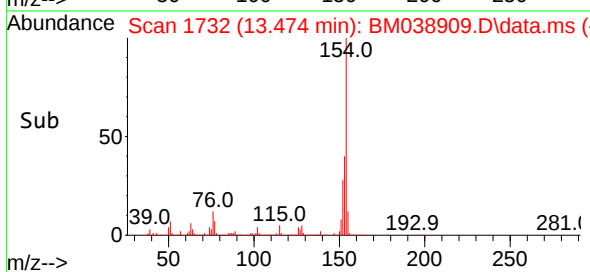
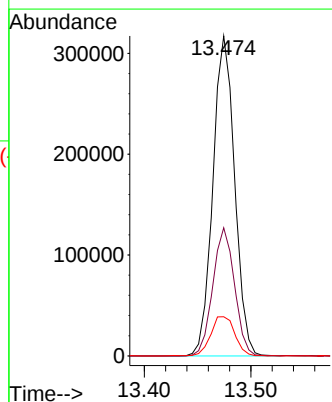
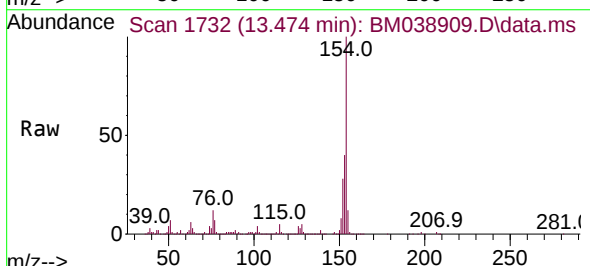
Delta R.T. -0.006 min

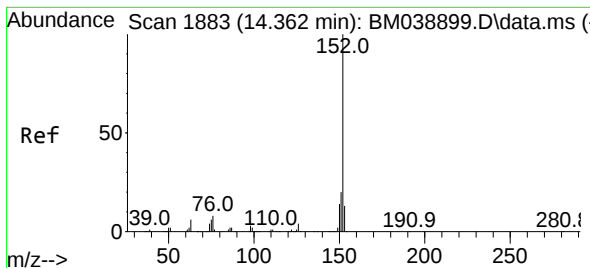
Lab File: BM038909.D

Acq: 07 Mar 2023 23:29

Tgt Ion:154 Resp: 450394

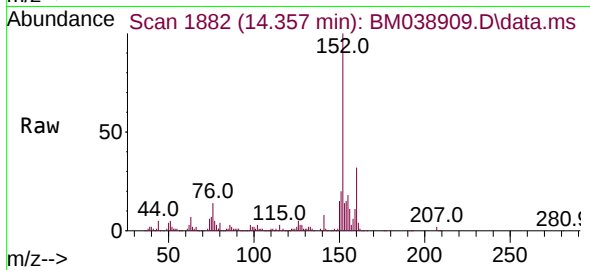
Ion	Ratio	Lower	Upper
154	100		
153	40.0	31.3	46.9
76	12.2	11.0	16.6





#50
Acenaphthylene
Concen: 2.105 ng/ul
RT: 14.357 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

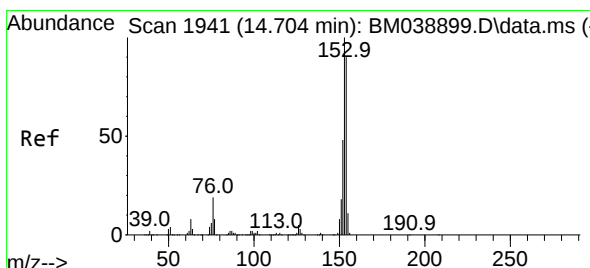
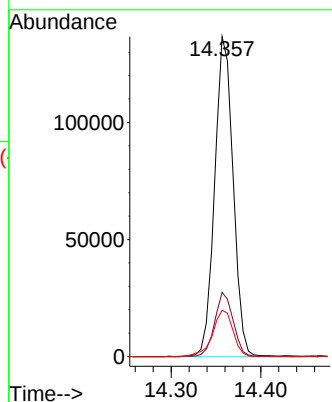
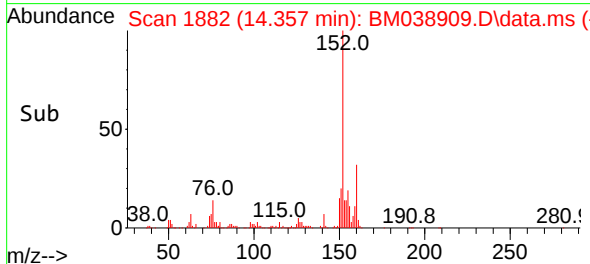
Instrument :
BNA_M
ClientSampleId :
DCAD5



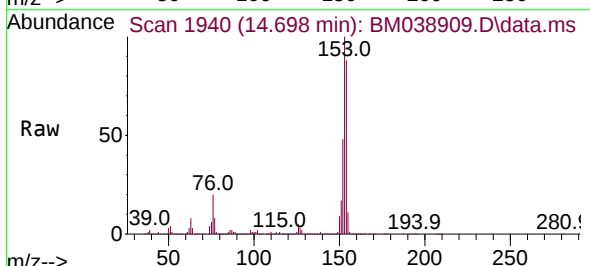
Tgt Ion:152 Resp: 195382
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 14.5 10.4 15.6

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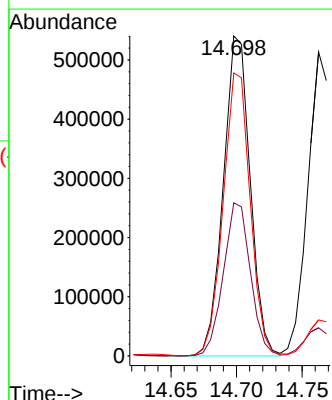
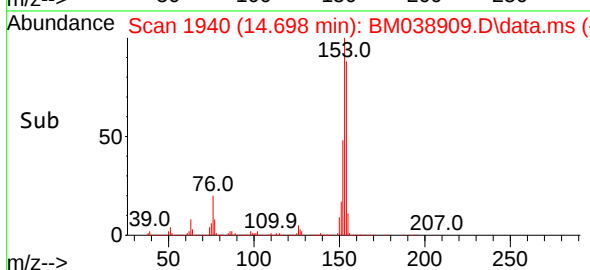
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

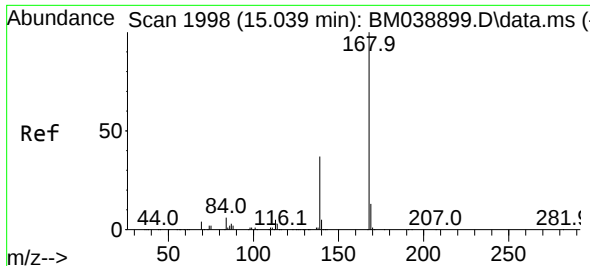


#52
Acenaphthene
Concen: 12.060 ng/ul
RT: 14.698 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29



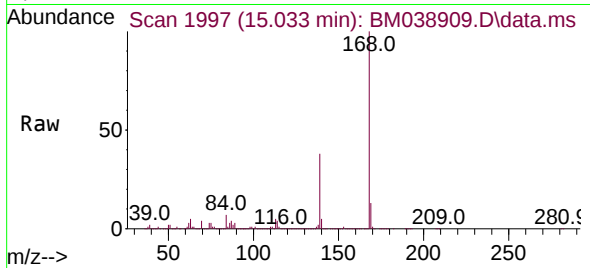
Tgt Ion:153 Resp: 770592
Ion Ratio Lower Upper
153 100
152 47.8 39.1 58.7
154 88.4 70.4 105.6





#56
Dibenzofuran
Concen: 22.177 ng/ul
RT: 15.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

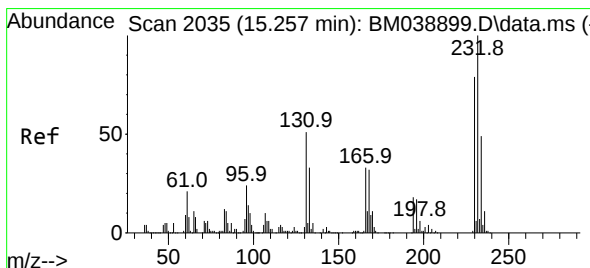
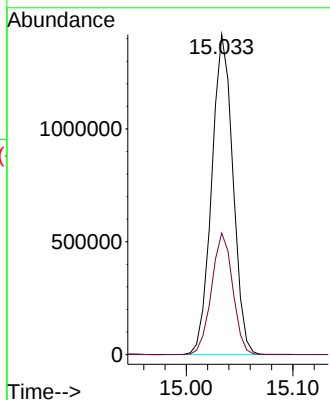
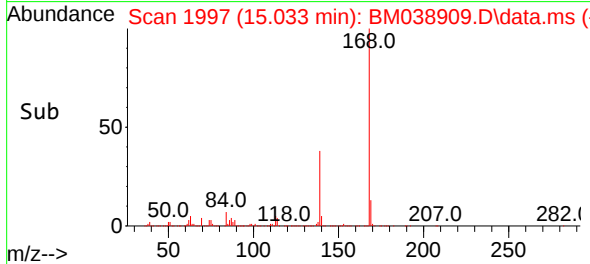
Instrument :
BNA_M
ClientSampleId :
DCAD5



Tgt Ion:168 Resp: 1967290
Ion Ratio Lower Upper
168 100
139 38.0 30.9 46.3

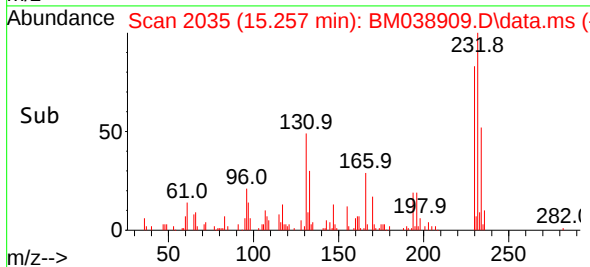
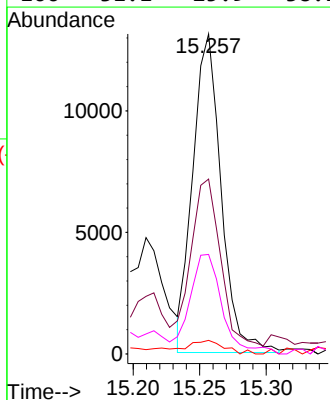
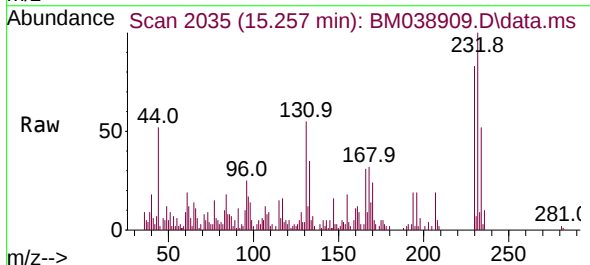
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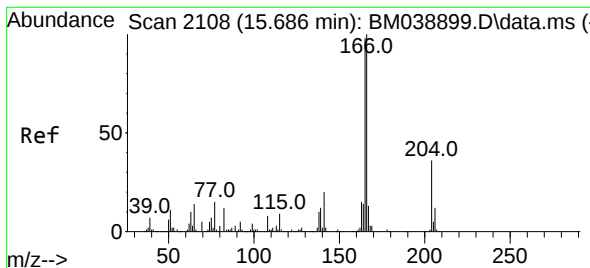
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.164 ng/ul m
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

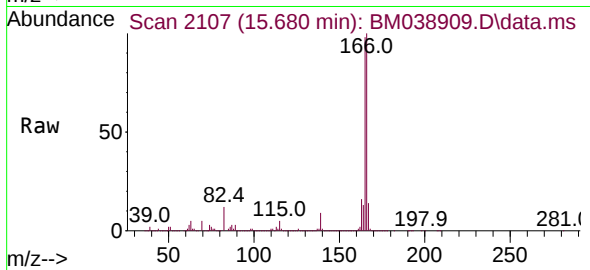
Tgt Ion:232 Resp: 19462
Ion Ratio Lower Upper
232 100
131 54.6 40.6 60.8
130 4.2 2.0 3.0#
166 31.1 25.9 38.9





#61
Fluorene
Concen: 14.072 ng/ul
RT: 15.680 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

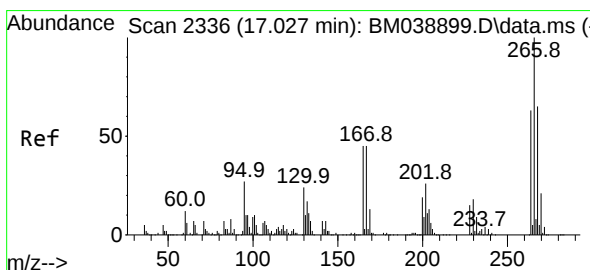
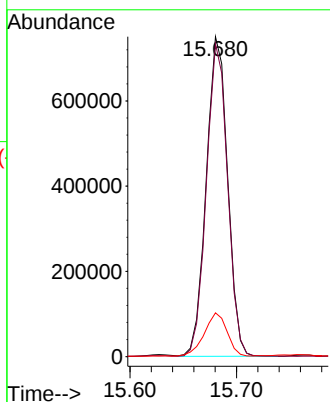
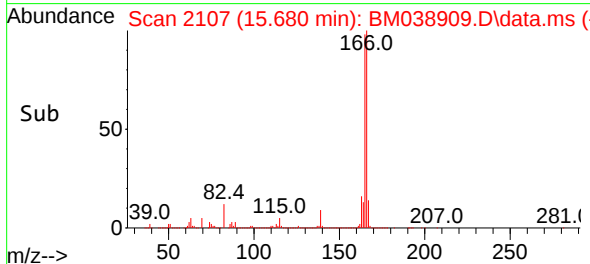
Instrument :
BNA_M
ClientSampleId :
DCAD5



Tgt Ion:166 Resp: 1046644
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.7 10.5 15.7

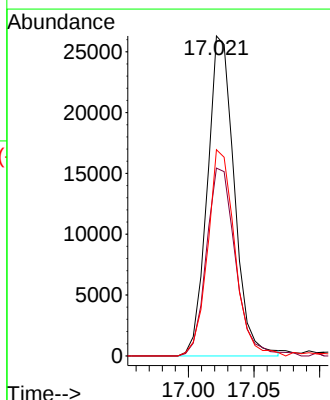
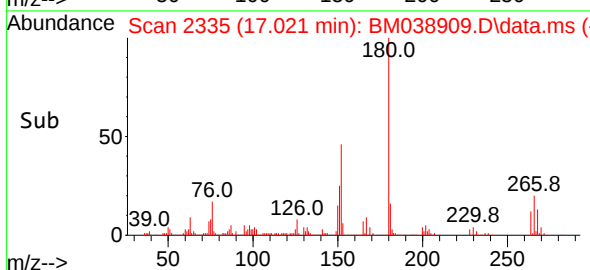
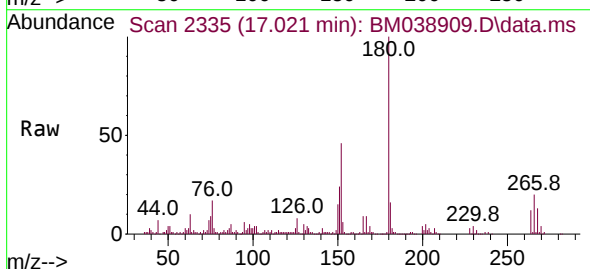
Manual Integrations
APPROVED

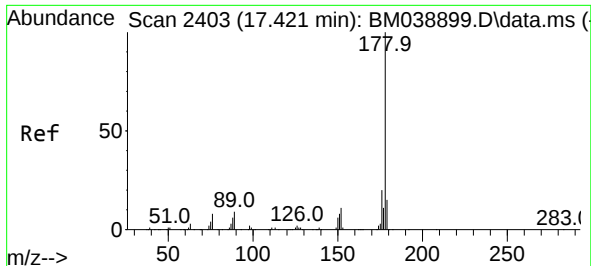
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#71
Pentachlorophenol
Concen: 2.522 ng/ul
RT: 17.021 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

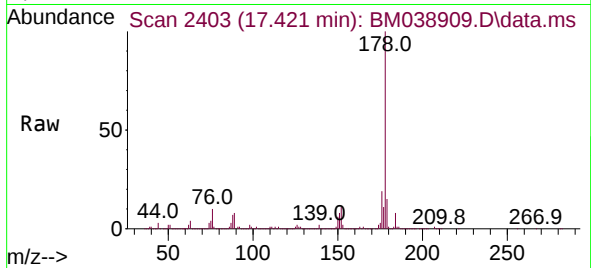
Tgt Ion:266 Resp: 37569
Ion Ratio Lower Upper
266 100
264 58.7 51.0 76.6
268 64.4 51.7 77.5





#72
Phenanthrene
Concen: 4.537 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29

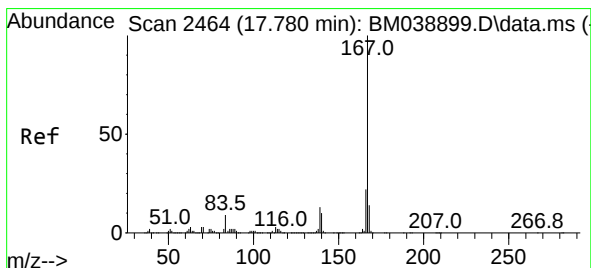
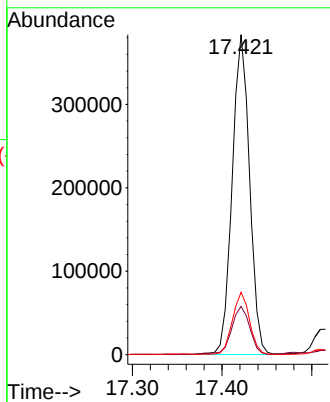
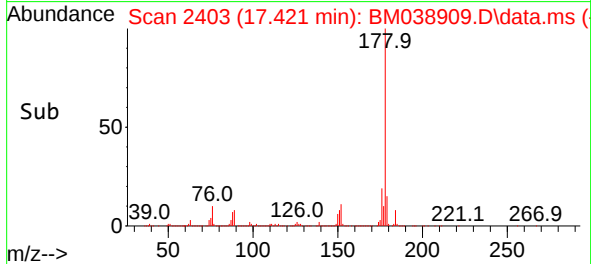
Instrument :
BNA_M
ClientSampleId :
DCAD5



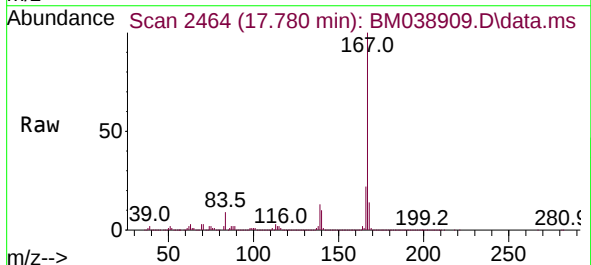
Tgt Ion:178 Resp: 515190
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.5 15.7 23.5

Manual Integrations
APPROVED

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



#77
Carbazole
Concen: 31.923 ng/ul
RT: 17.780 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BM038909.D
Acq: 07 Mar 2023 23:29



Tgt Ion:167 Resp: 3427501
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.5 10.6 16.0

