

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039007.D
 Acq On : 14 Mar 2023 10:50
 Operator : CG/JU
 Sample : 01784-20DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE9DL

Quant Time: Mar 15 01:04:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 16:25:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	414819	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1929758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	1271311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	2750666	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	2182139	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	2066771	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.134	99	41117	1.030	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	167209	6.479	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	133334	4.485	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	84116	2.693	ng/u1	-0.01
21) Nitrobenzene-d5	9.152	128	97831	6.064	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	88801	5.463	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	152445	5.123	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	154198m	3.204	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	677978	7.041	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	679686	6.078	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	12498	0.623	ng/u1	-0.01
60) Fluorene-d10	15.616	176	589274	7.014	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	65777	3.776	ng/u1	0.00
73) Anthracene-d10	17.469	188	948912	7.155	ng/u1	0.00
81) Pyrene-d10	19.757	212	1019705	7.981	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	735628	6.933	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	16541446	151.511	ng/u1#	94
36) 2-Methylnaphthalene	12.451	142	841495	11.876	ng/u1	99
37) 1-Methylnaphthalene	12.675	142	1316482	18.495	ng/u1	100
43) 1,1'-Biphenyl	13.457	154	625071	6.187	ng/u1	99
52) Acenaphthene	14.686	153	2377024	27.550	ng/u1	100
56) Dibenzofuran	15.022	168	1993866	16.835	ng/u1	100
61) Fluorene	15.669	166	1217324	12.382	ng/u1	99
71) Pentachlorophenol	17.016	266	23327	1.128	ng/u1	94
72) Phenanthrene	17.410	178	1071298	6.858	ng/u1	100
77) Carbazole	17.774	167	3889573	27.320	ng/u1	99

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

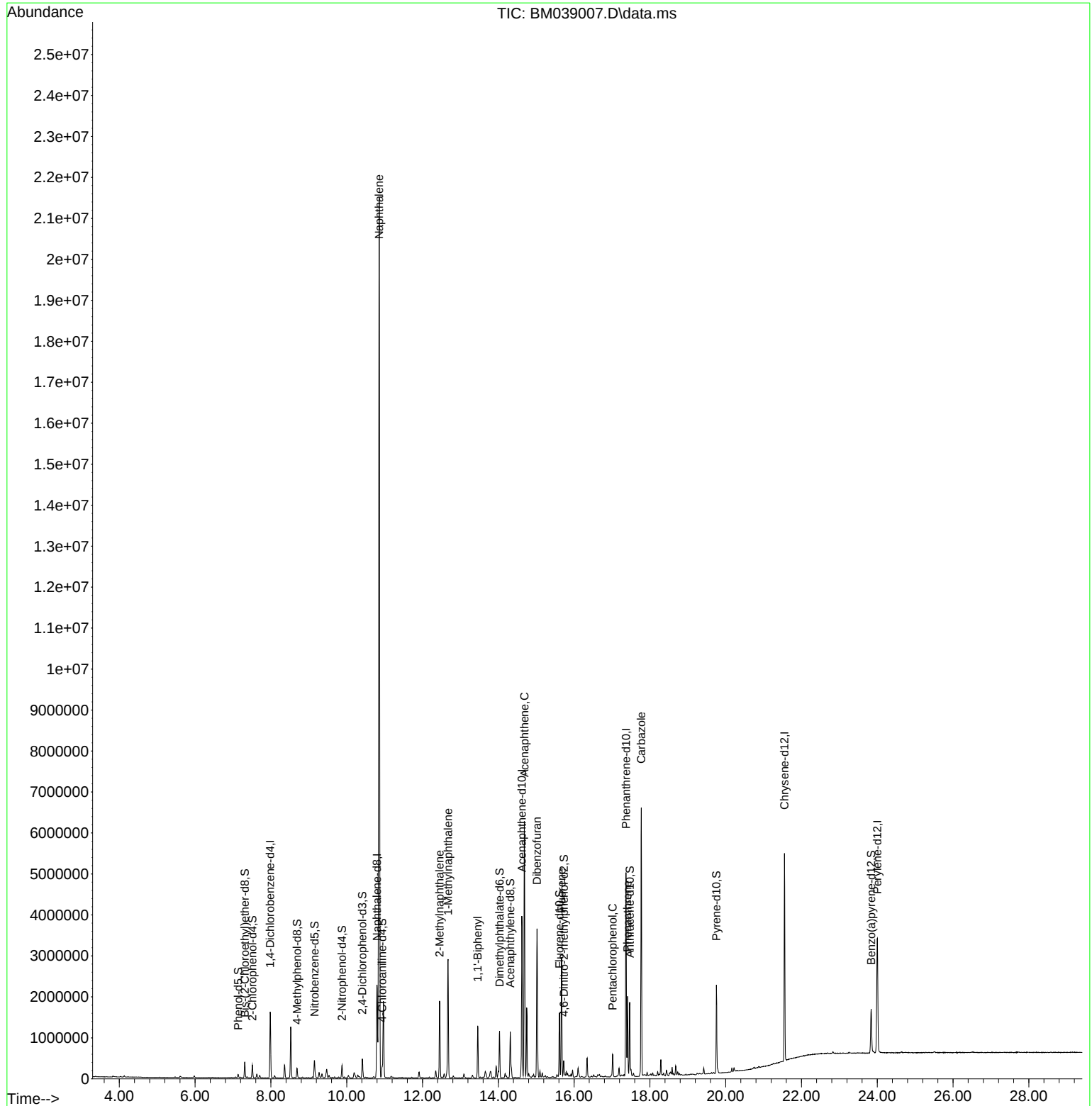
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM039007.D
Acq On : 14 Mar 2023 10:50
Operator : CG/JU
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ALS Vial : 24 Sample Multiplier: 1

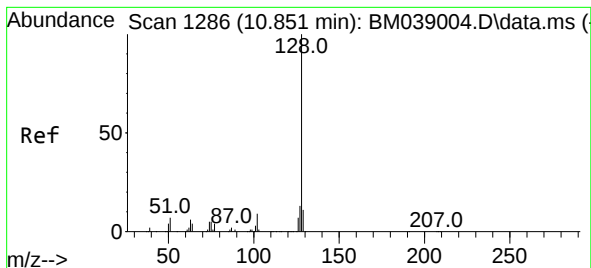
Instrument :
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ClientSampleId :
DCAE9DL

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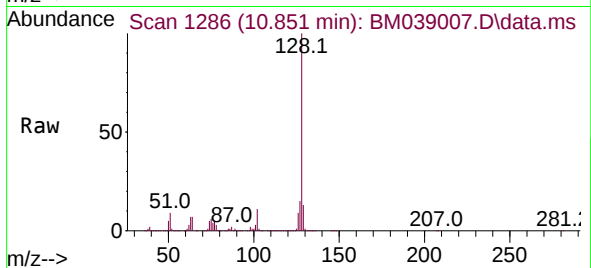
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/15/2023





#30
Naphthalene
Concen: 151.511 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50

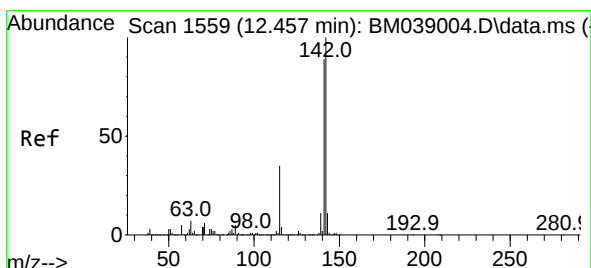
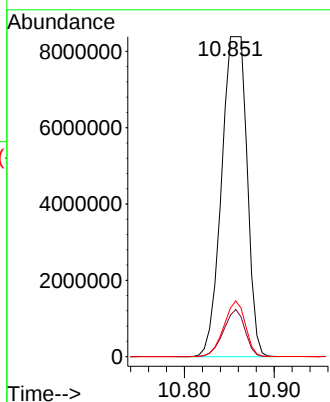
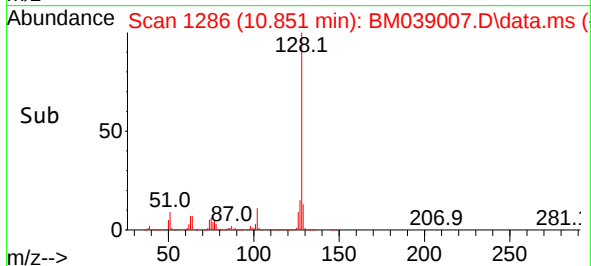
Instrument :
BNA_M
ClientSampleId :
DCAE9DL



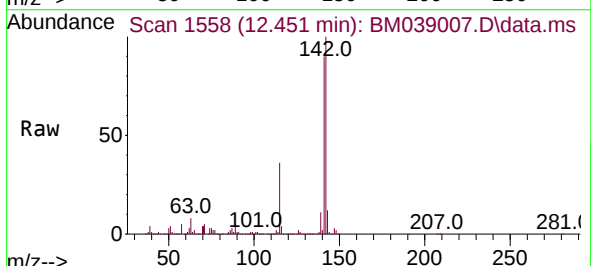
Tgt Ion:128 Resp:16541446
Ion Ratio Lower Upper
128 100
129 13.0 8.6 13.0
127 15.2 10.3 15.5

Manual Integrations
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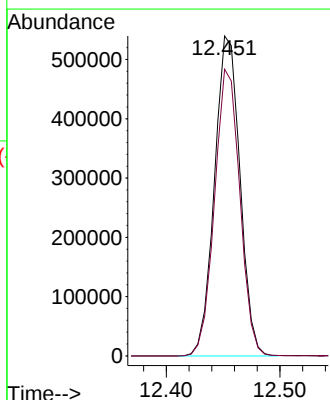
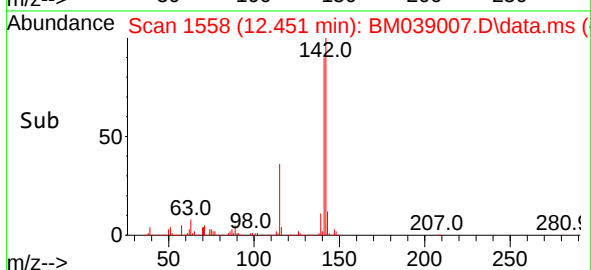
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/15/2023

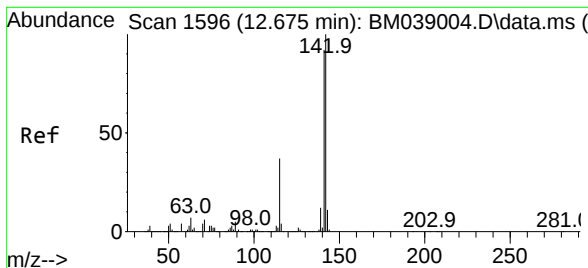


#36
2-Methylnaphthalene
Concen: 11.876 ng/ul
RT: 12.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50



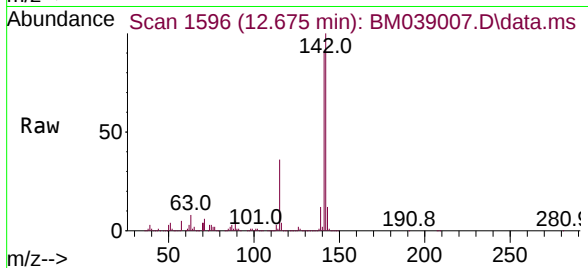
Tgt Ion:142 Resp: 841495
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1





#37
1-Methylnaphthalene
Concen: 18.495 ng/ul
RT: 12.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50

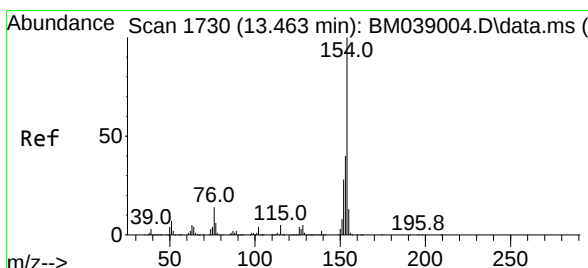
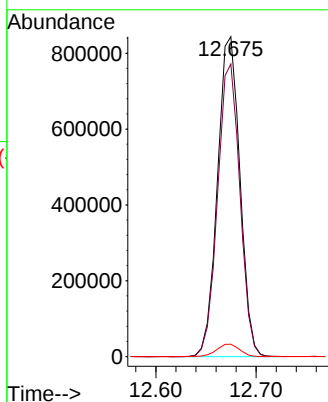
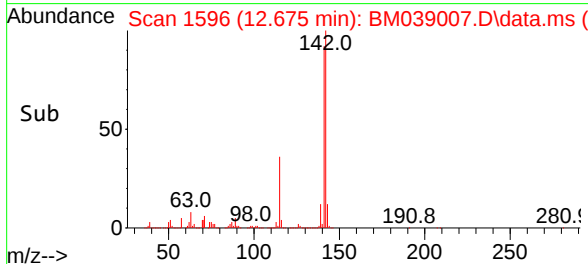
Instrument :
BNA_M
ClientSampleId :
DCAE9DL



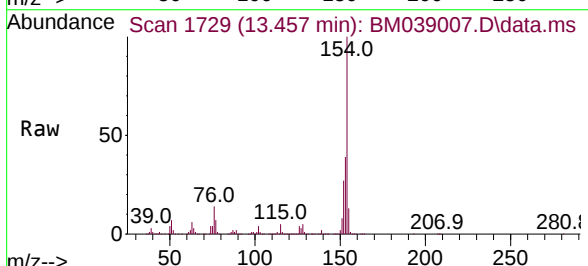
Tgt Ion:142 Resp: 1316482
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 3.9 3.0 4.6

Manual Integrations
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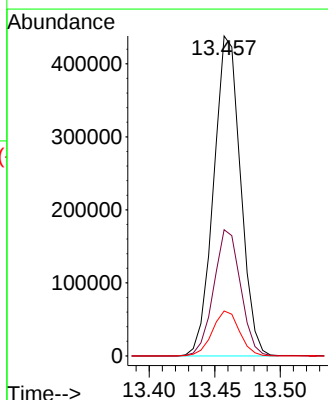
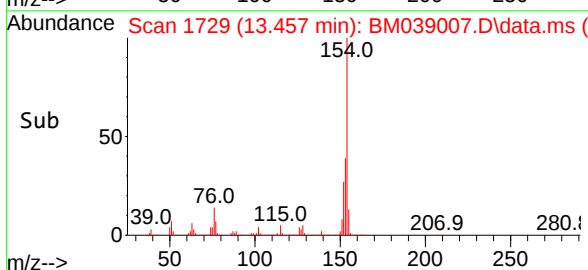
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/15/2023

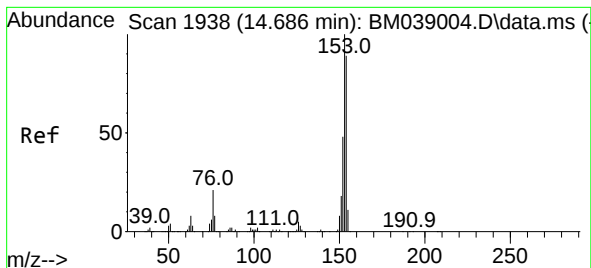


#43
1,1'-Biphenyl
Concen: 6.187 ng/ul
RT: 13.457 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50



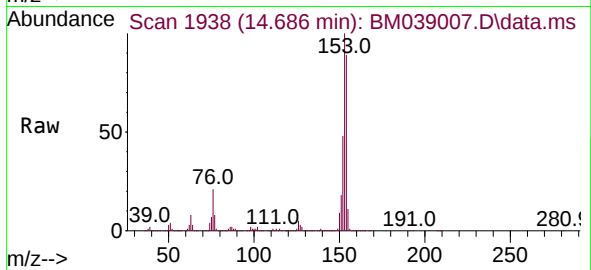
Tgt Ion:154 Resp: 625071
Ion Ratio Lower Upper
154 100
153 39.4 32.0 48.0
76 14.0 11.5 17.3





#52
Acenaphthene
Concen: 27.550 ng/ul
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50

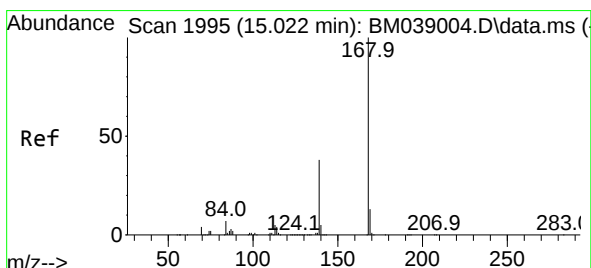
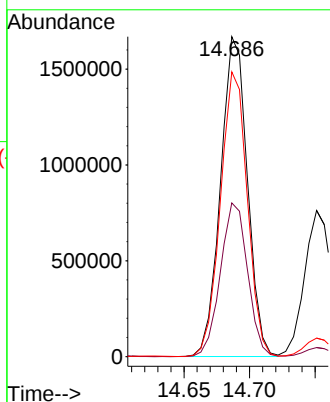
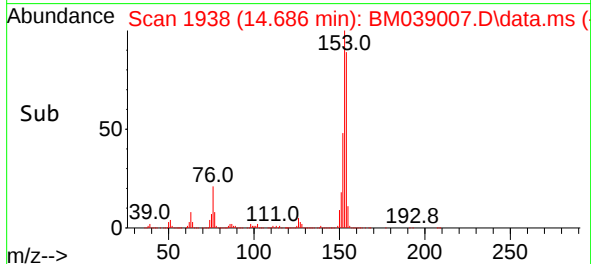
Instrument :
BNA_M
ClientSampleId :
DCAE9DL



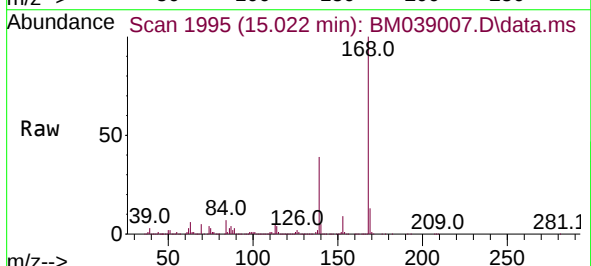
Tgt Ion:153 Resp: 2377024
Ion Ratio Lower Upper
153 100
152 48.0 38.1 57.1
154 89.0 71.4 107.0

Manual Integrations
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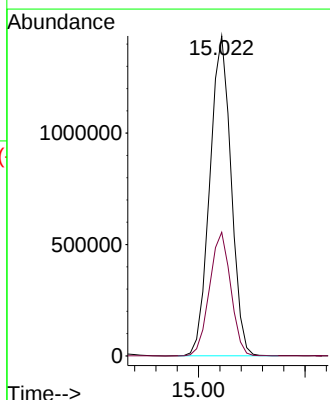
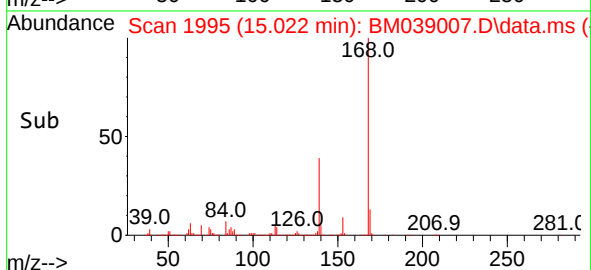
Reviewed By :Christian Giraldo 03/14/2023
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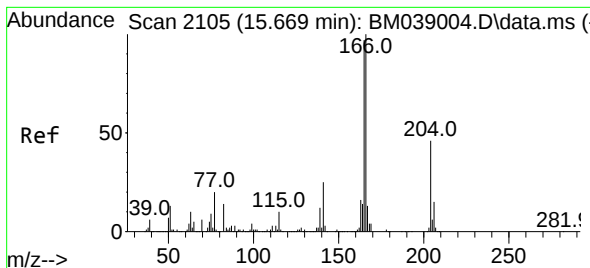


#56
Dibenzofuran
Concen: 16.835 ng/ul
RT: 15.022 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50



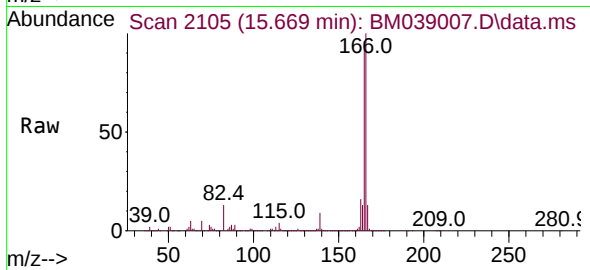
Tgt Ion:168 Resp: 1993866
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1





#61
Fluorene
Concen: 12.382 ng/ul
RT: 15.669 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50

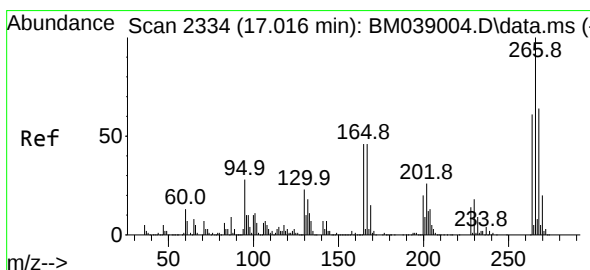
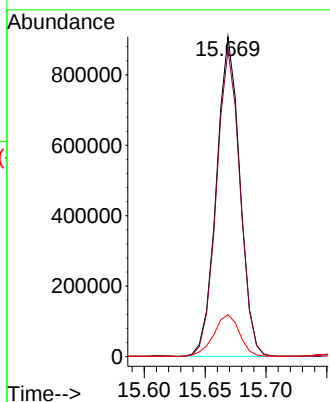
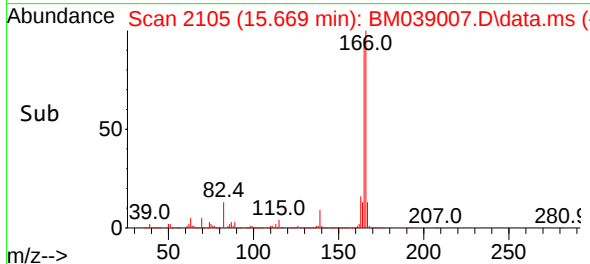
Instrument :
BNA_M
ClientSampleId :
DCAE9DL



Tgt Ion:166 Resp: 1217324
Ion Ratio Lower Upper
166 100
165 96.0 77.5 116.3
167 13.1 11.0 16.6

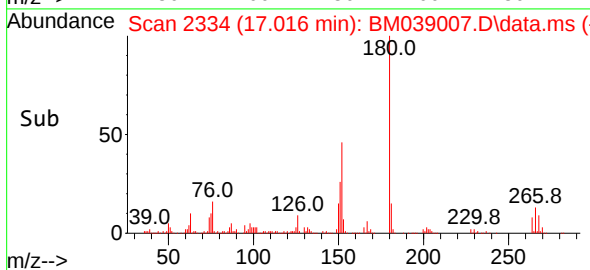
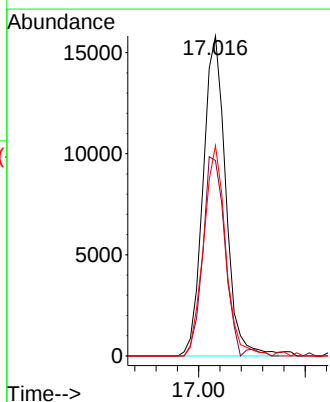
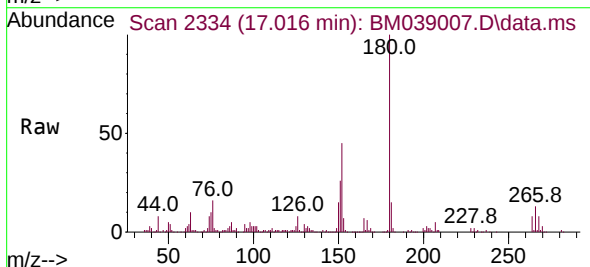
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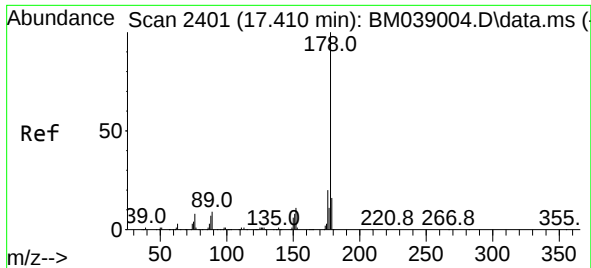
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#71
Pentachlorophenol
Concen: 1.128 ng/ul
RT: 17.016 min Scan# 2334
Delta R.T. 0.000 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50

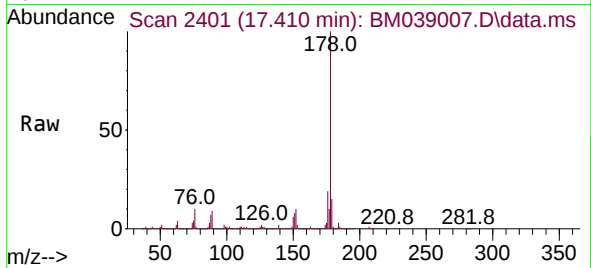
Tgt Ion:266 Resp: 23327
Ion Ratio Lower Upper
266 100
264 61.1 50.0 75.0
268 70.5 50.5 75.7





#72
Phenanthrene
Concen: 6.858 ng/ul
RT: 17.410 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50

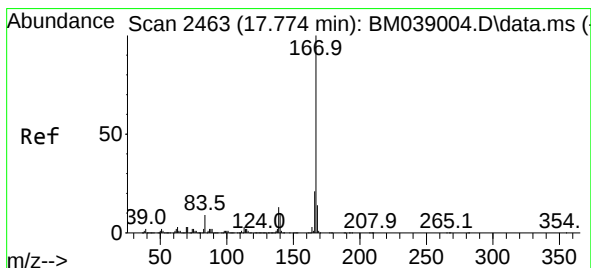
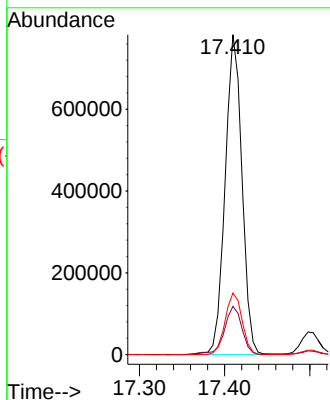
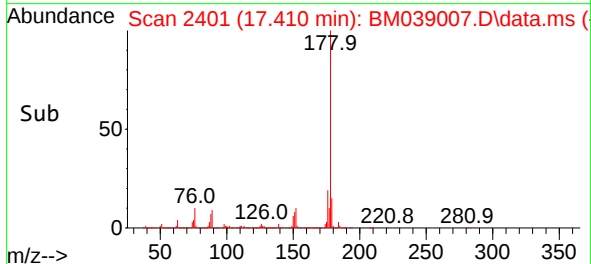
Instrument :
BNA_M
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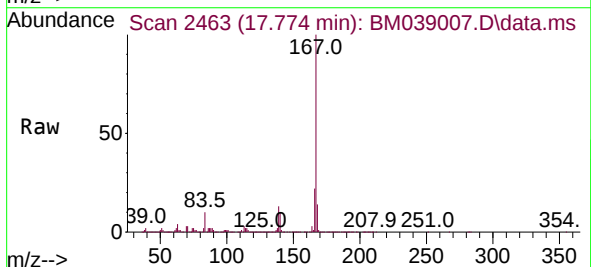
Tgt Ion:178 Resp: 1071298
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.2 15.7 23.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#77
Carbazole
Concen: 27.320 ng/ul
RT: 17.774 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BM039007.D
Acq: 14 Mar 2023 10:50



Tgt Ion:167 Resp: 3889573
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.4
139 13.3 10.4 15.6

