

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038917.D
 Acq On : 08 Mar 2023 05:02
 Operator : CG/JU
 Sample : 01746-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE3

Manual Integrations
 APPROVED

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

Quant Time: Mar 08 05:36:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 04:25:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	263644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1208379	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	758984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1651819	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1562587	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1764503	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	30569	4.330	ng/uL	0.00
4) Pyridine-d5	3.804	84	240672	12.398	ng/u1	0.00
7) Phenol-d5	7.151	99	147678	5.975	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	544122	34.453	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	481250	26.129	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	308262	15.831	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	342016	40.317	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	325065	40.894	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	577098	31.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	704420	22.879	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2277916	38.750	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2556389	37.207	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	59499	5.056	ng/u1	0.00
60) Fluorene-d10	15.627	176	2029563	39.146	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	315166	36.700	ng/u1	0.00
73) Anthracene-d10	17.480	188	3291227	40.407	ng/u1	0.00
81) Pyrene-d10	19.768	212	3853962	44.843	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	3878650	43.619	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.010	107	24839	1.073	ng/u1#	89
36) 2-Methylnaphthalene	12.469	142	79526	1.767	ng/u1	99
37) 1-Methylnaphthalene	12.686	142	123085	2.714	ng/u1#	99
43) 1,1'-Biphenyl	13.474	154	305642	5.105	ng/u1	99
52) Acenaphthene	14.698	153	783929	14.946	ng/u1	100
56) Dibenzofuran	15.033	168	1413341	19.409	ng/u1	99
61) Fluorene	15.680	166	916811	15.016	ng/u1	99
71) Pentachlorophenol	17.021	266	22773m	1.819	ng/u1	
72) Phenanthrene	17.421	178	1464792	15.348	ng/u1	99
74) Anthracene	17.515	178	154158	1.586	ng/u1	98
77) Carbazole	17.786	167	4456428	49.385	ng/u1	100

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

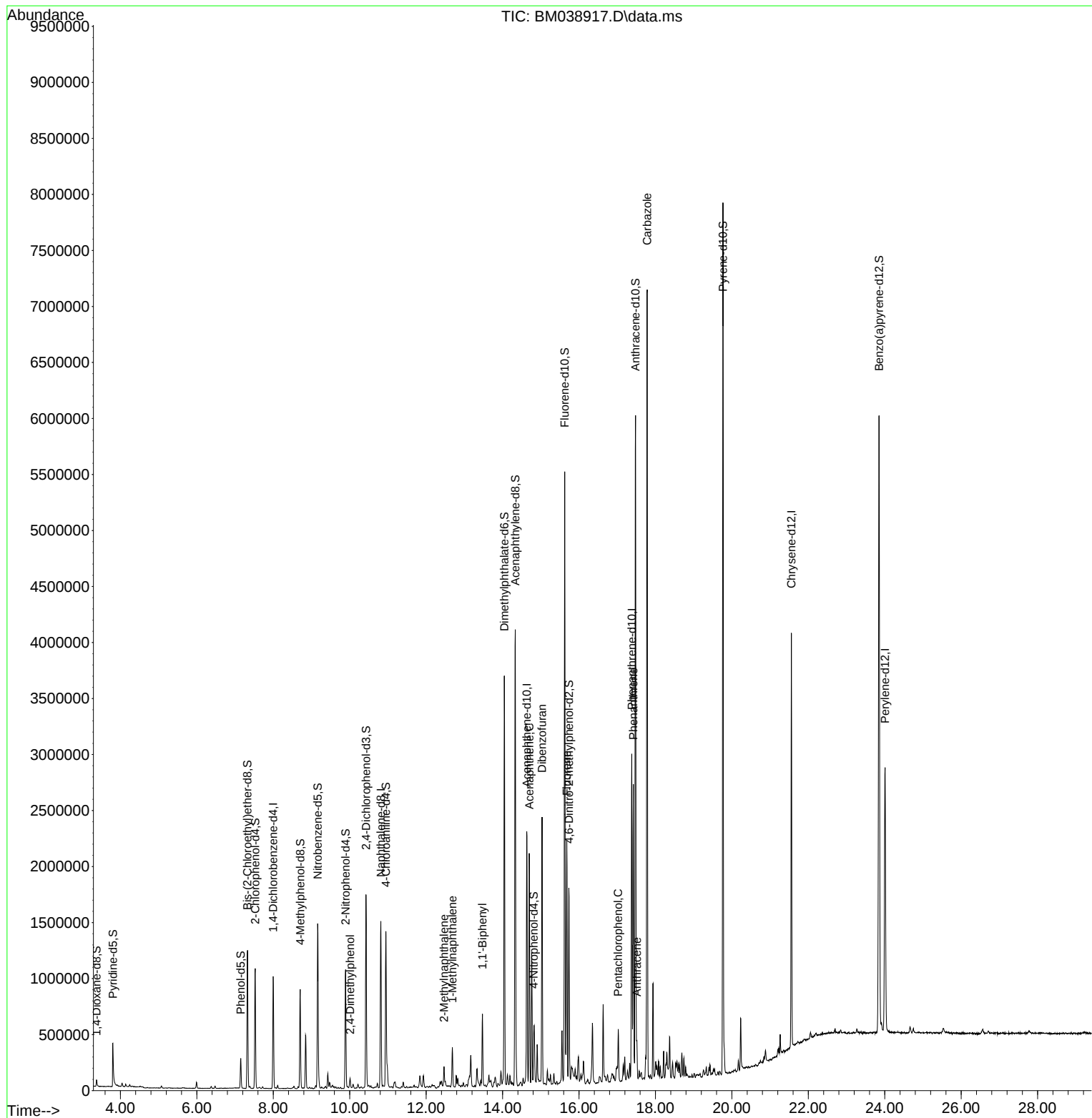
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038917.D
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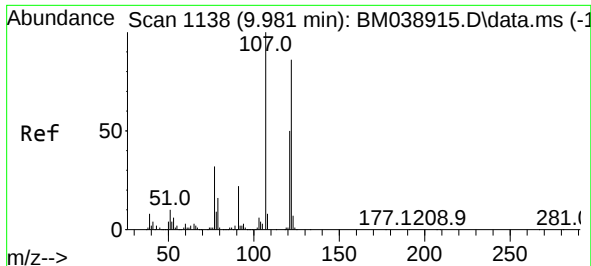
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Quant Time: Mar 08 05:36:40 2023
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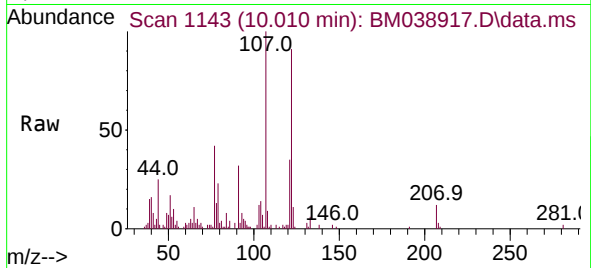
Reviewed By : Christian Giraldo 03/08/2023
Supervised By : Jagrut Upadhyay 03/08/2023





#26
2,4-Dimethylphenol
Concen: 1.073 ng/ul
RT: 10.010 min Scan# 1138
Delta R.T. 0.029 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

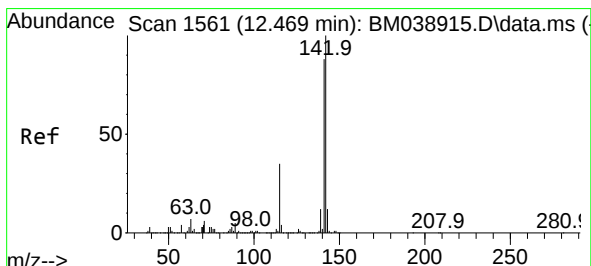
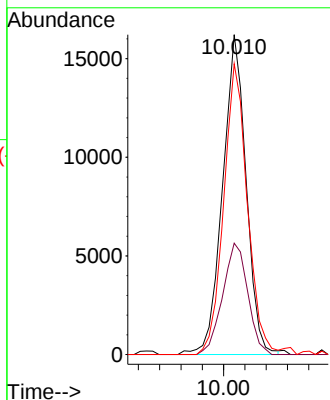
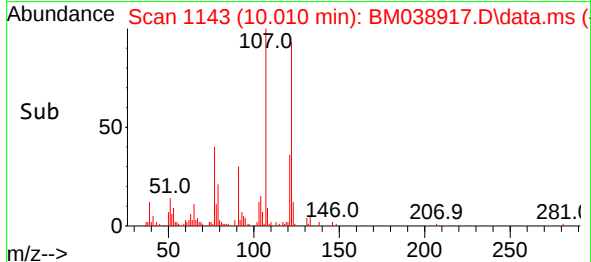
Instrument :
BNA_M
ClientSampleId :
DCAE3



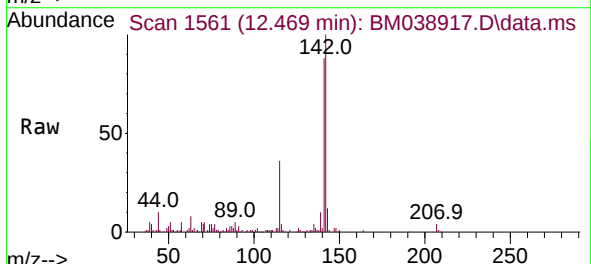
Tgt Ion:107 Resp: 24839
Ion Ratio Lower Upper
107 100
121 34.8 39.8 59.8
122 90.9 69.0 103.4

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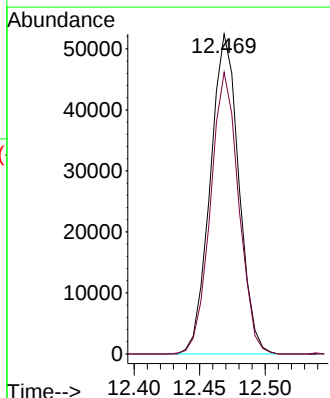
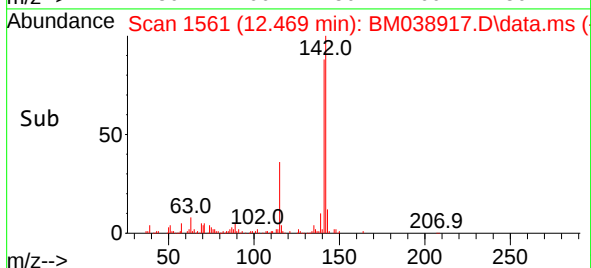
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

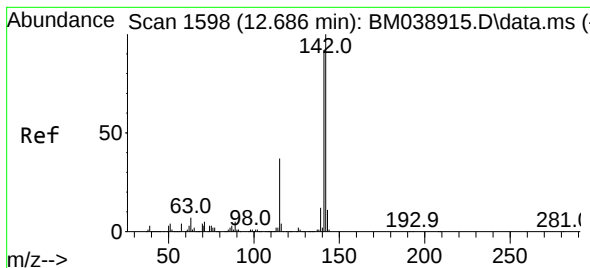


#36
2-Methylnaphthalene
Concen: 1.767 ng/ul
RT: 12.469 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02



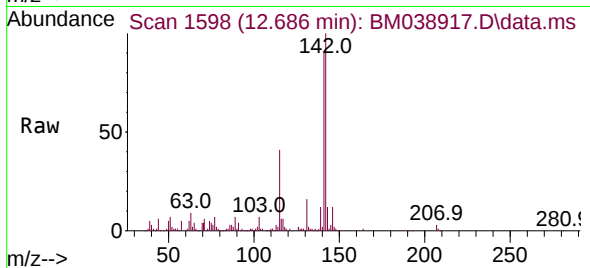
Tgt Ion:142 Resp: 79526
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6





#37
1-Methylnaphthalene
Concen: 2.714 ng/ul
RT: 12.686 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

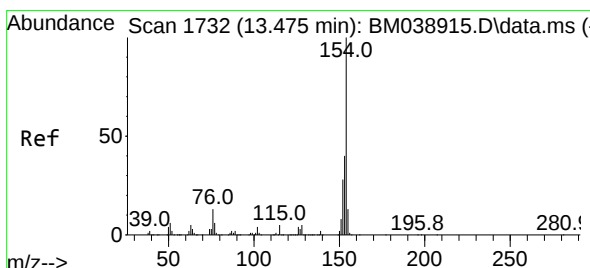
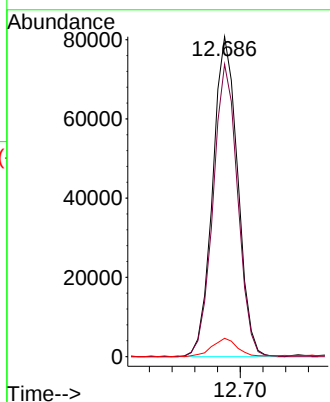
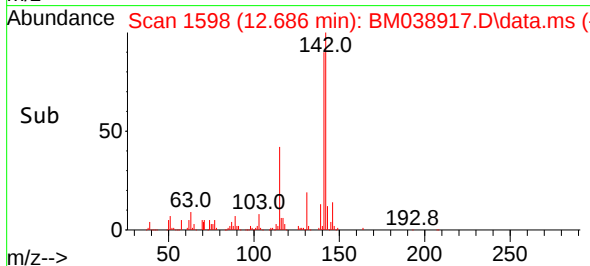
Instrument :
BNA_M
ClientSampleId :
DCAE3



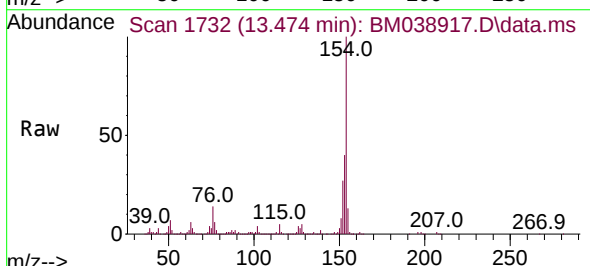
Tgt Ion:142 Resp: 123085
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0
116 5.7 3.2 4.8

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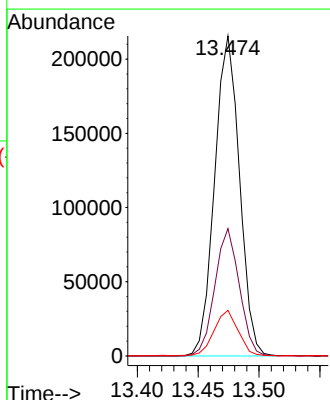
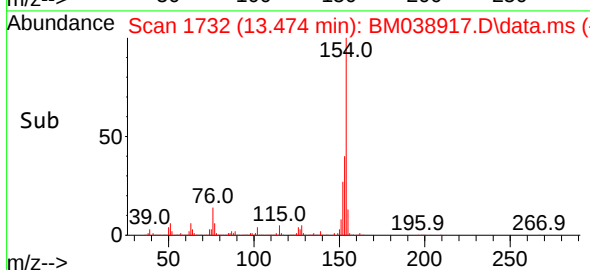
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

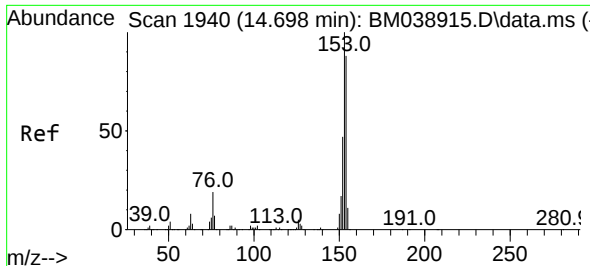


#43
1,1'-Biphenyl
Concen: 5.105 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02



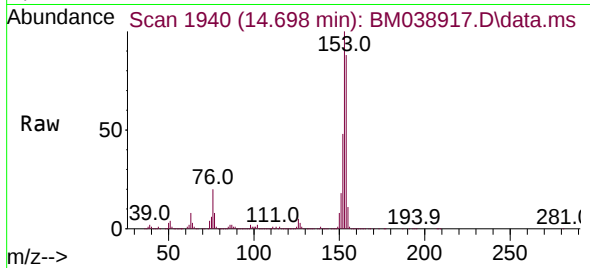
Tgt Ion:154 Resp: 305642
Ion Ratio Lower Upper
154 100
153 39.8 31.3 46.9
76 14.2 11.0 16.6





#52
Acenaphthene
Concen: 14.946 ng/ul
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

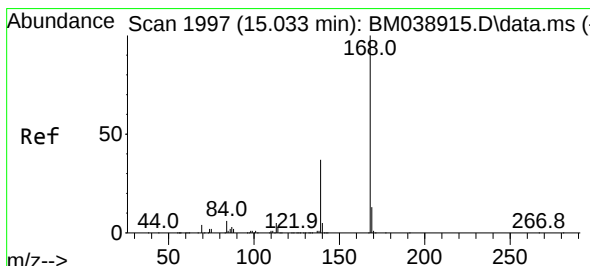
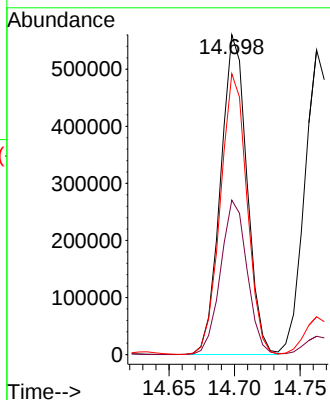
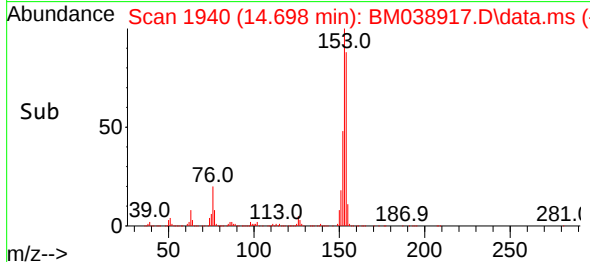
Instrument :
BNA_M
ClientSampleId :
DCAE3



Tgt Ion:153 Resp: 783929
Ion Ratio Lower Upper
153 100
152 48.3 39.1 58.7
154 87.8 70.4 105.6

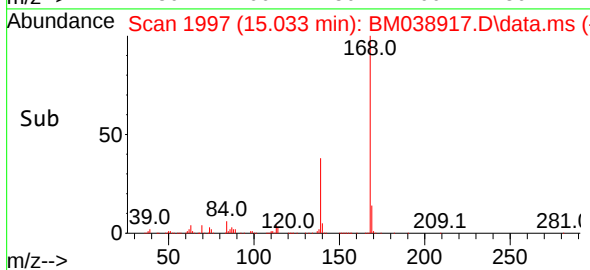
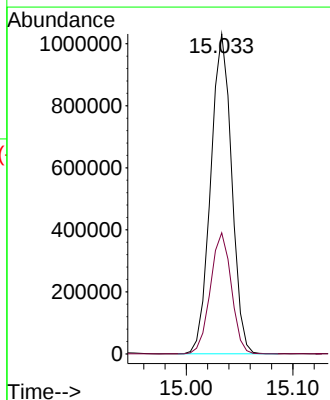
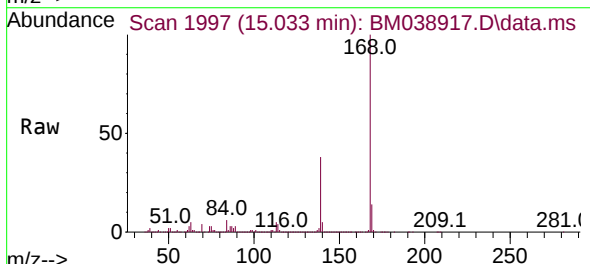
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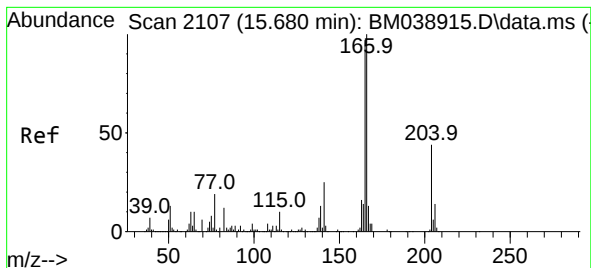
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#56
Dibenzofuran
Concen: 19.409 ng/ul
RT: 15.033 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

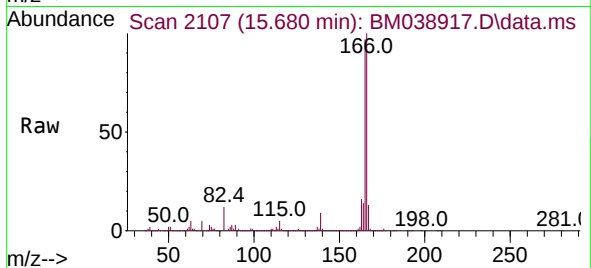
Tgt Ion:168 Resp: 1413341
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3





#61
Fluorene
Concen: 15.016 ng/ul
RT: 15.680 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

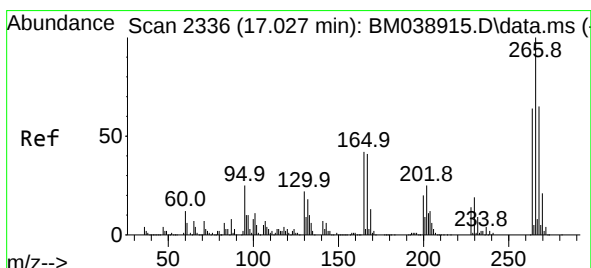
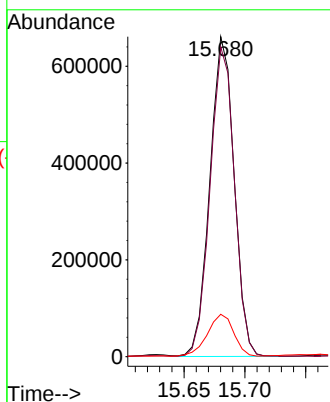
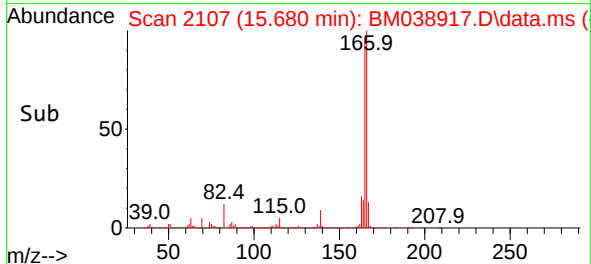
Instrument :
BNA_M
ClientSampleId :
DCAE3



Tgt Ion:166 Resp: 916811
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.4
167 13.3 10.5 15.7

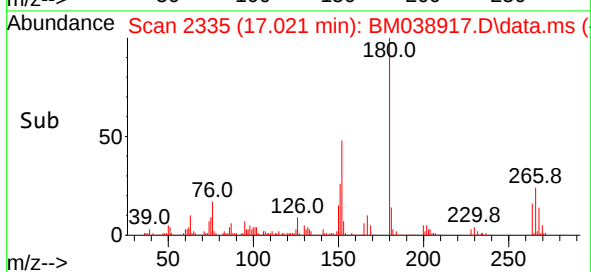
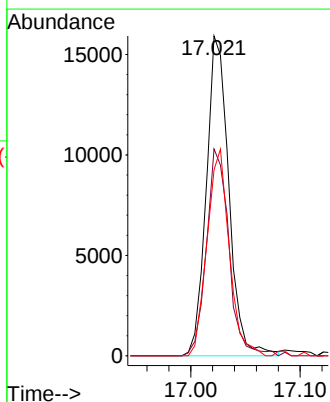
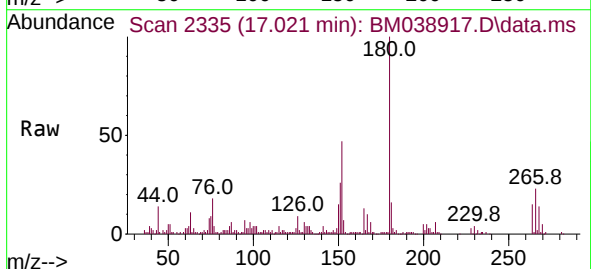
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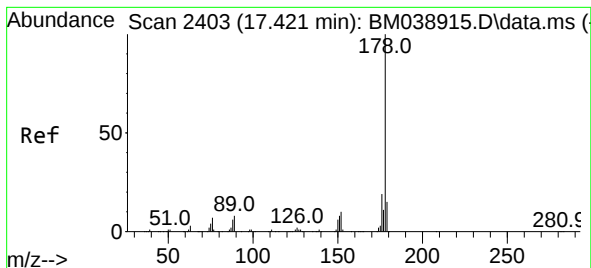
Reviewed By :Christian Giraldo 03/08/2023
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#71
Pentachlorophenol
Concen: 1.819 ng/ul m
RT: 17.021 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

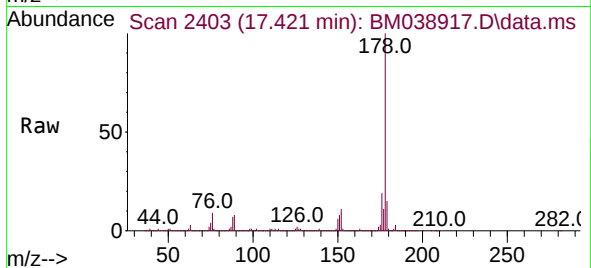
Tgt Ion:266 Resp: 22773
Ion Ratio Lower Upper
266 100
264 64.7 51.0 76.6
268 58.1 51.7 77.5





#72
Phenanthrene
Concen: 15.348 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02

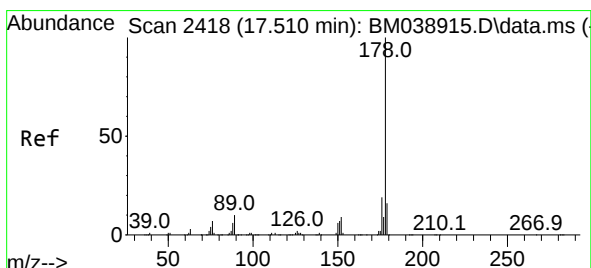
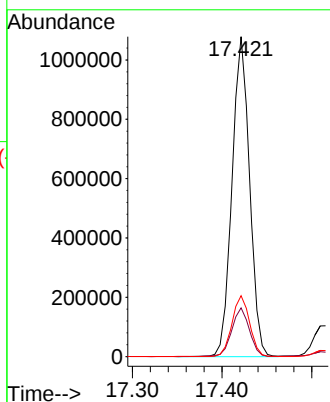
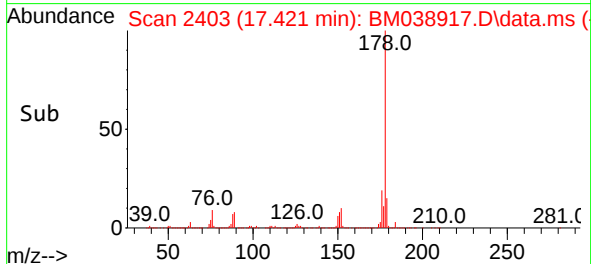
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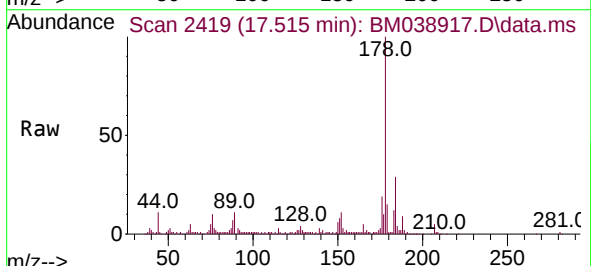
Tgt Ion:178 Resp: 1464792
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.0 15.7 23.5

Manual Integrations
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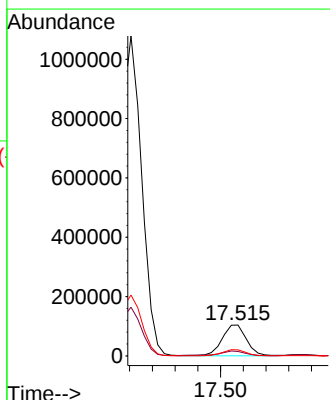
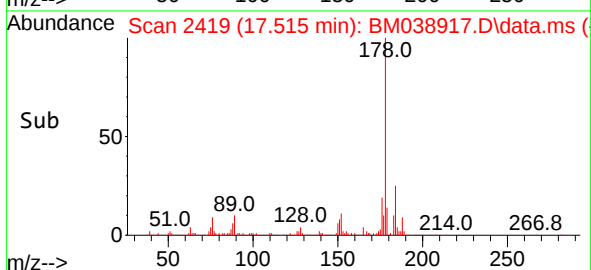
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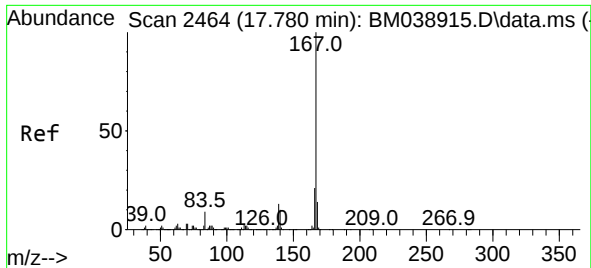


#74
Anthracene
Concen: 1.586 ng/ul
RT: 17.515 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BM038917.D
Acq: 08 Mar 2023 05:02



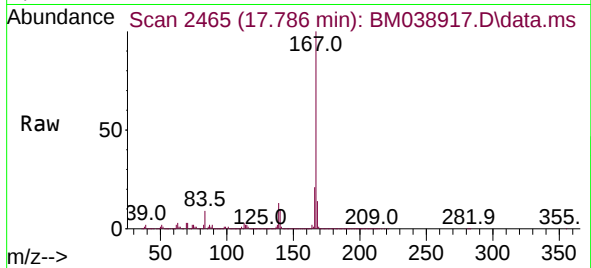
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Ion Ratio Lower Upper
178 100
179 14.6 12.5 18.7
176 19.4 14.9 22.3





#77
 Carbazole
 Concen: 49.385 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. 0.006 min
 Lab File: BM038917.D
 Acq: 08 Mar 2023 05:02

Instrument :
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Tgt Ion:167 Resp: 4456428
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 16.0

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