

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038910.D
 Acq On : 08 Mar 2023 00:06
 Operator : CG/JU
 Sample : 01746-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD5DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 08 01:36:38 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	286389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1271317	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	794419	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1733702	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1662369	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1951306	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	8370	1.091	ng/uL	0.00
4) Pyridine-d5	3.816	84	38770m	1.839	ng/u1	0.02
7) Phenol-d5	7.151	99	29028	1.081	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	115079	6.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	96768	4.837	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	57296	2.709	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	61902	6.936	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	54822	6.555	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	107460	5.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	150620	4.650	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	446911	7.263	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	455797	6.338	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	7945	0.645	ng/u1	0.00
60) Fluorene-d10	15.627	176	389240	7.173	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	36114	4.007	ng/u1	0.00
73) Anthracene-d10	17.480	188	629418	7.363	ng/u1	0.00
81) Pyrene-d10	19.762	212	756426	8.273	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	771661	7.847	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.869	128	3167200	43.659	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	172374	3.640	ng/u1	100
37) 1-Methylnaphthalene	12.686	142	107077	2.244	ng/u1	96
43) 1,1'-Biphenyl	13.475	154	90471	1.444	ng/u1	97
52) Acenaphthene	14.698	153	150967	2.750	ng/u1	98
56) Dibenzofuran	15.033	168	391198	5.133	ng/u1	99
61) Fluorene	15.680	166	203361	3.182	ng/u1	98
72) Phenanthrene	17.421	178	104554	1.044	ng/u1	98
77) Carbazole	17.780	167	664226	7.013	ng/u1	100

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

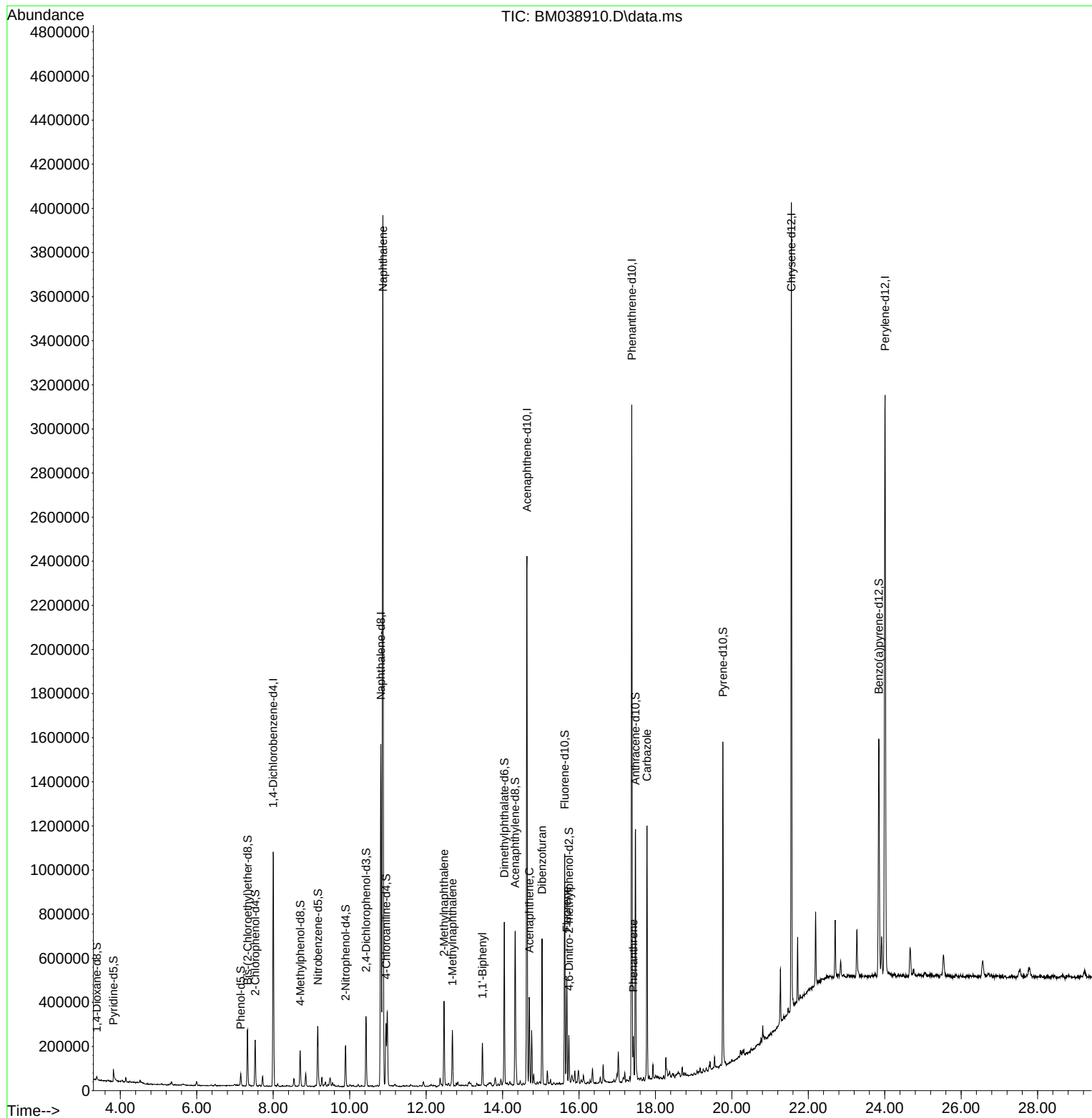
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038910.D
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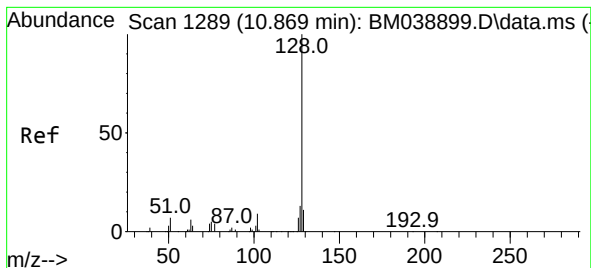
Instrument :
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ClientSampleId :
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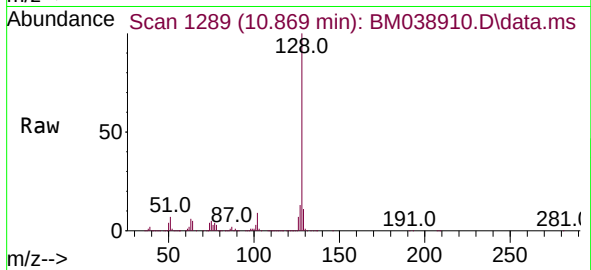
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023





#30
Naphthalene
Concen: 43.659 ng/ul
RT: 10.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BM038910.D
Acq: 08 Mar 2023 00:06

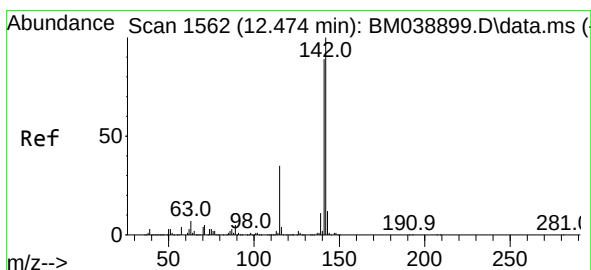
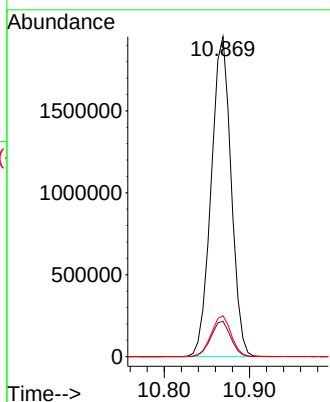
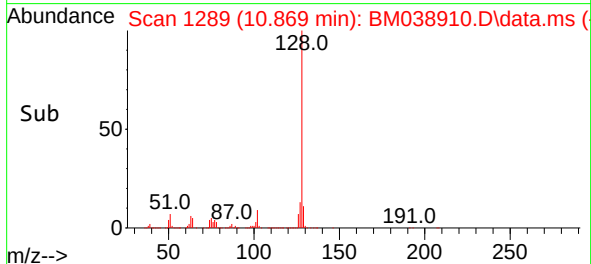
Instrument :
BNA_M
ClientSampleId :
DCAD5DL



Tgt Ion:128 Resp: 3167200
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.8 10.2 15.4

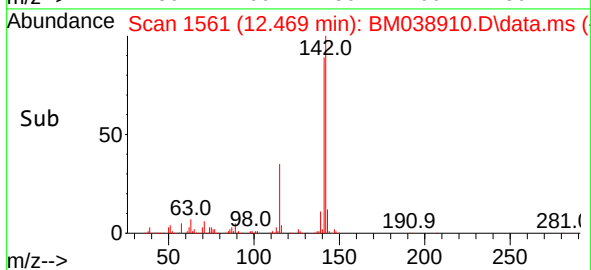
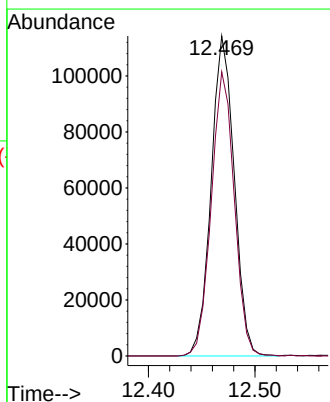
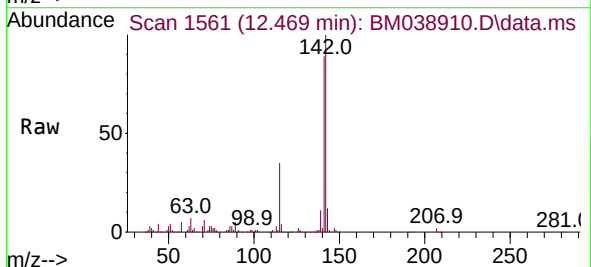
Manual Integrations
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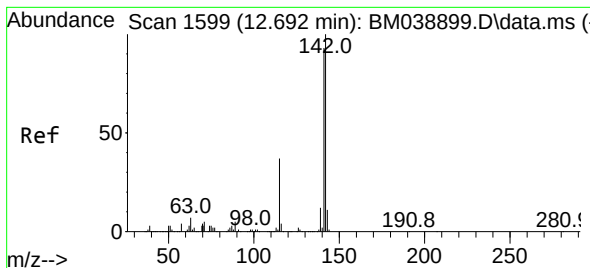
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#36
2-Methylnaphthalene
Concen: 3.640 ng/ul
RT: 12.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM038910.D
Acq: 08 Mar 2023 00:06

Tgt Ion:142 Resp: 172374
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#37

1-Methylnaphthalene

Concen: 2.244 ng/ul

RT: 12.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038910.D

Acq: 08 Mar 2023 00:06

Instrument :

BNA_M

ClientSampleId :

DCAD5DL

Tgt Ion:142 Resp: 10707

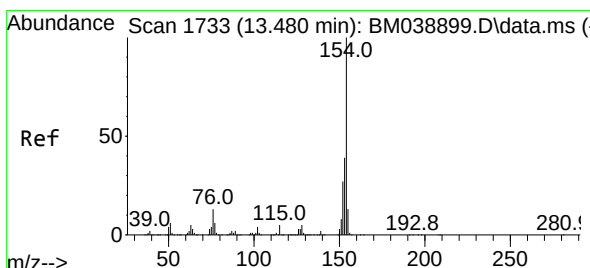
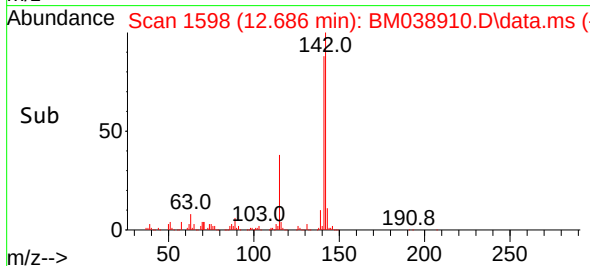
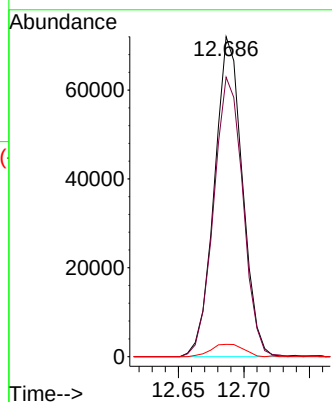
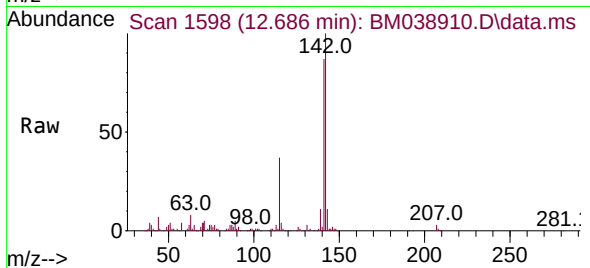
Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.4	110.0
116	3.8	3.2	4.8

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#43

1,1'-Biphenyl

Concen: 1.444 ng/ul

RT: 13.475 min Scan# 1732

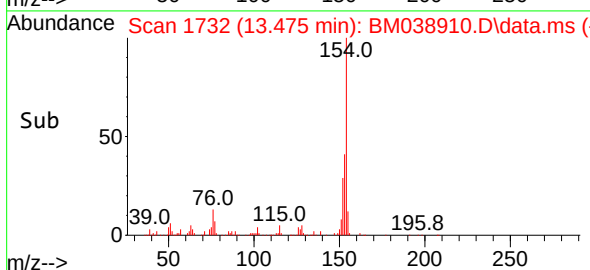
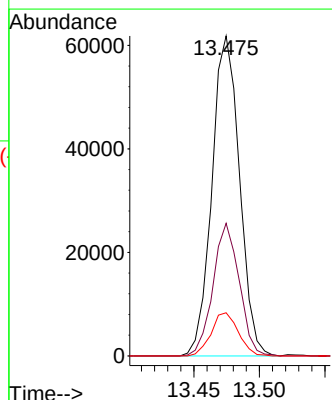
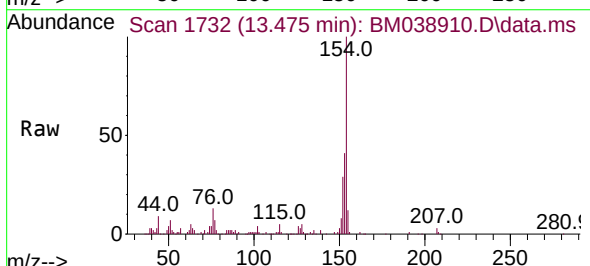
Delta R.T. -0.006 min

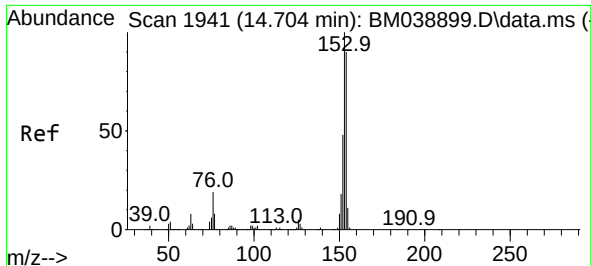
Lab File: BM038910.D

Acq: 08 Mar 2023 00:06

Tgt Ion:154 Resp: 90471

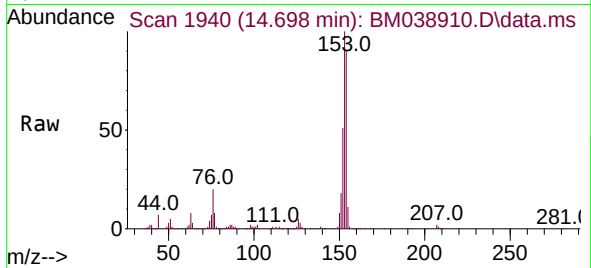
Ion	Ratio	Lower	Upper
154	100		
153	41.4	31.3	46.9
76	13.5	11.0	16.6





#52
Acenaphthene
Concen: 2.750 ng/ul
RT: 14.698 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038910.D
Acq: 08 Mar 2023 00:06

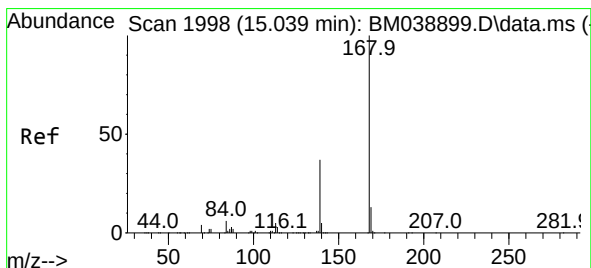
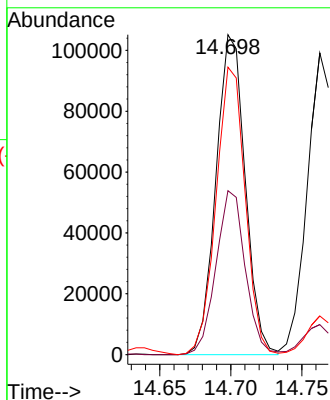
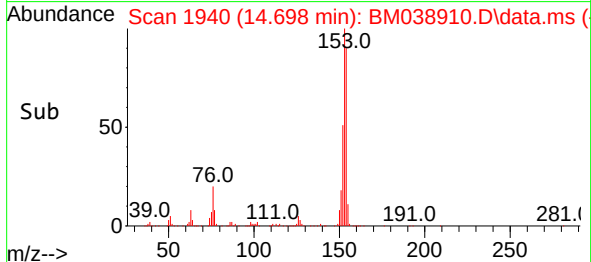
Instrument :
BNA_M
ClientSampleId :
DCAD5DL



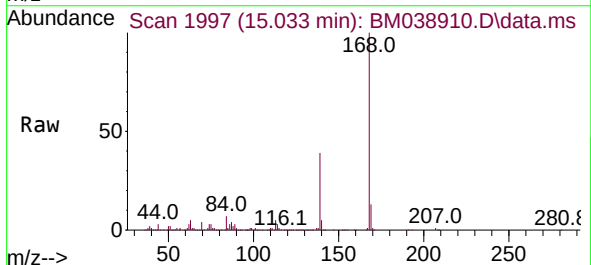
Tgt Ion:153 Resp: 150962
Ion Ratio Lower Upper
153 100
152 51.2 39.1 58.7
154 89.8 70.4 105.6

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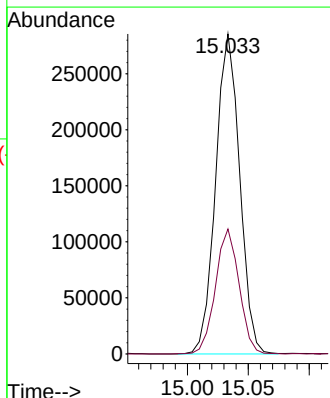
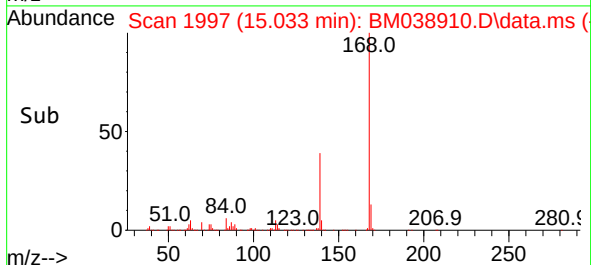
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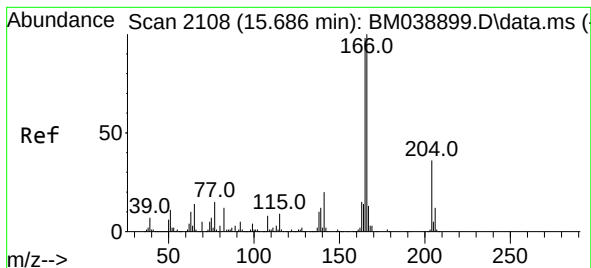


#56
Dibenzofuran
Concen: 5.133 ng/ul
RT: 15.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM038910.D
Acq: 08 Mar 2023 00:06



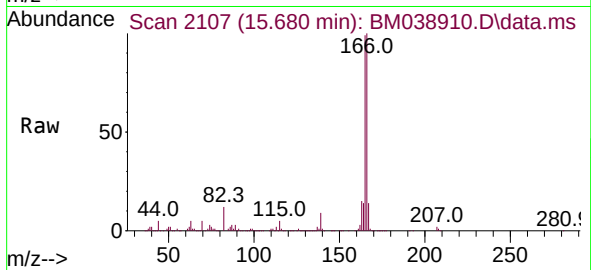
Tgt Ion:168 Resp: 391198
Ion Ratio Lower Upper
168 100
139 39.0 30.9 46.3





#61
Fluorene
Concen: 3.182 ng/ul
RT: 15.680 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM038910.D
Acq: 08 Mar 2023 00:06

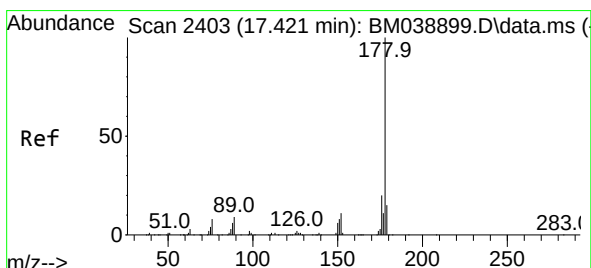
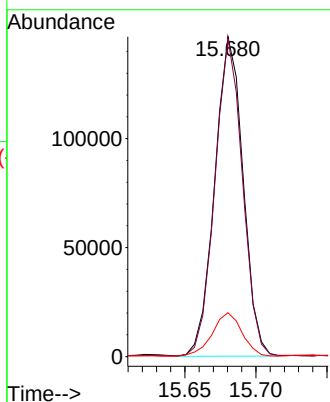
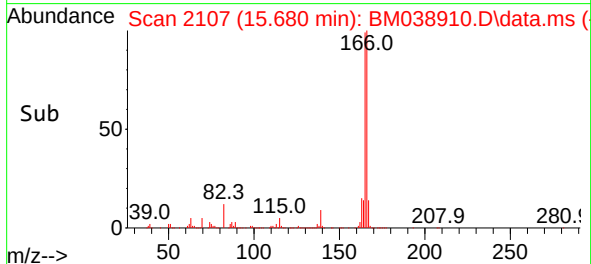
Instrument :
BNA_M
ClientSampleId :
DCAD5DL



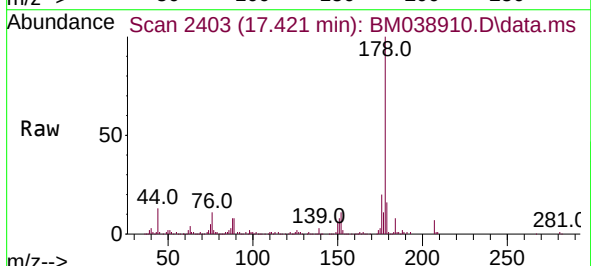
Tgt Ion:166 Resp: 203363
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 13.7 10.5 15.7

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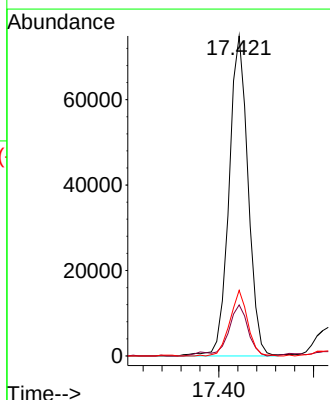
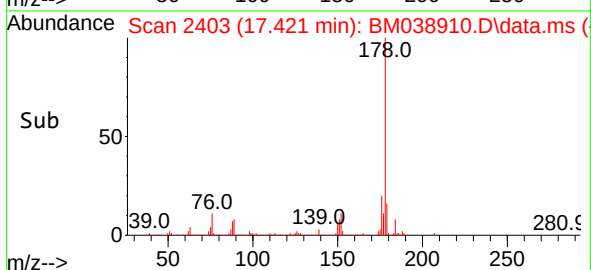
Reviewed By :Christian Giraldo 03/08/2023
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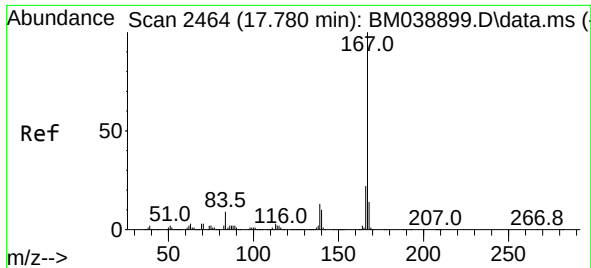


#72
Phenanthrene
Concen: 1.044 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038910.D
Acq: 08 Mar 2023 00:06



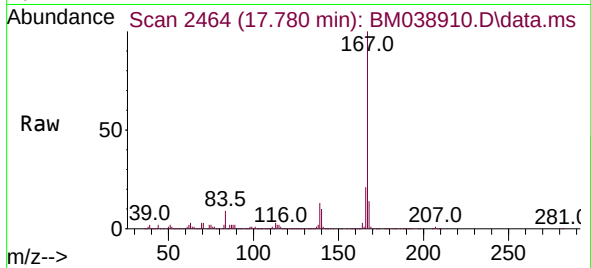
Tgt Ion:178 Resp: 104554
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 20.5 15.7 23.5





#77
 Carbazole
 Concen: 7.013 ng/ul
 RT: 17.780 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM038910.D
 Acq: 08 Mar 2023 00:06

Instrument :
 BNA_M
 ClientSampleId :
 DCAD5DL



Tgt Ion:167 Resp: 664226
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 16.0

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