

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039010.D
 Acq On : 14 Mar 2023 12:44
 Operator : CG/JU
 Sample : 01810-02DL2 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF9DL2

Quant Time: Mar 15 01:05:31 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 :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

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 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	347652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1545111	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1024054	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2285741	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1954376	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1959825	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	7.139	99	12672	0.379	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	53830	2.489	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	39105	1.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.692	113	23692	0.905	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	28543	2.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	23393	1.797	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	42208	1.772	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	20149m	0.523	ng/u1	0.00
46) Dimethylphthalate-d6	14.033	166	228133	2.941	ng/u1	0.00
49) Acenaphthylene-d8	14.315	160	197467	2.192	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.615	176	194732	2.877	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	14812	1.023	ng/u1	0.00
73) Anthracene-d10	17.468	188	310136	2.814	ng/u1	0.00
81) Pyrene-d10	19.756	212	342616	2.994	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	271010	2.694	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	4949554	56.621	ng/u1	100
36) 2-Methylnaphthalene	12.457	142	214518	3.781	ng/u1	98
37) 1-Methylnaphthalene	12.674	142	376194	6.601	ng/u1	99
43) 1,1'-Biphenyl	13.457	154	182414	2.241	ng/u1	97
52) Acenaphthene	14.686	153	745671	10.729	ng/u1	99
56) Dibenzofuran	15.021	168	659886	6.917	ng/u1	99
61) Fluorene	15.668	166	387529	4.893	ng/u1	98
72) Phenanthrene	17.409	178	333850	2.572	ng/u1	99
77) Carbazole	17.768	167	1290856	10.911	ng/u1	100

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

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Instrument :
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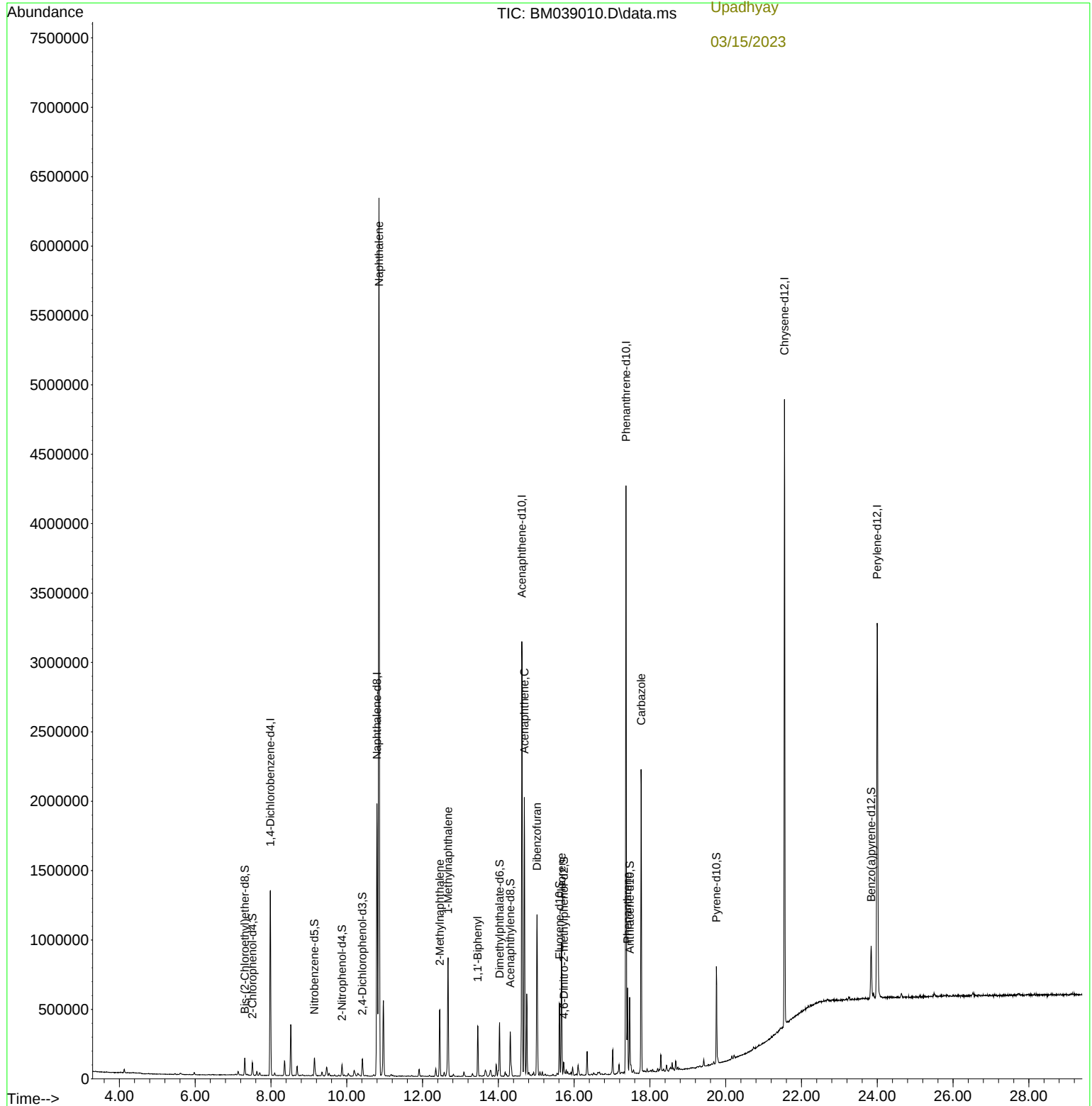
Quant Time: Mar 15 01:05:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 16:25:27 2023
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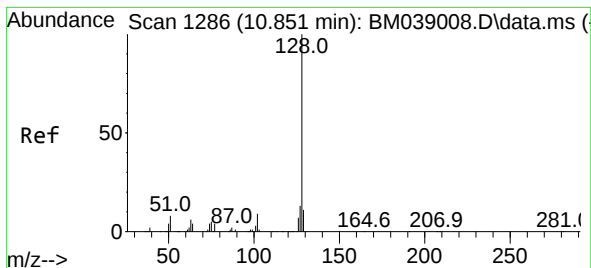
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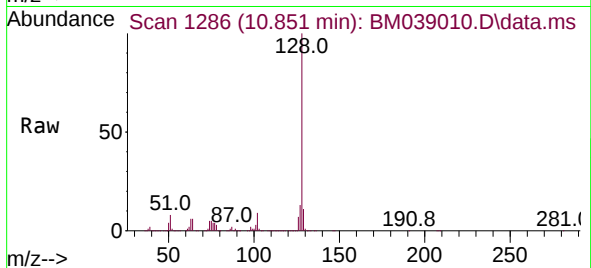
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#30
Naphthalene
Concen: 56.621 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BM039010.D
Acq: 14 Mar 2023 12:44

Instrument :
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ClientSampleId :
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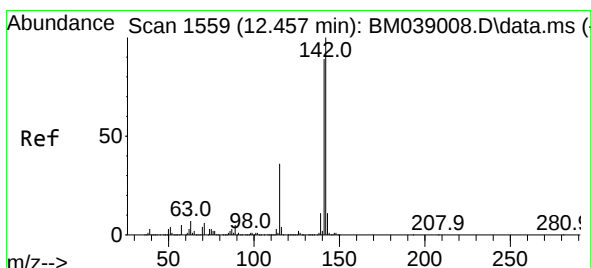
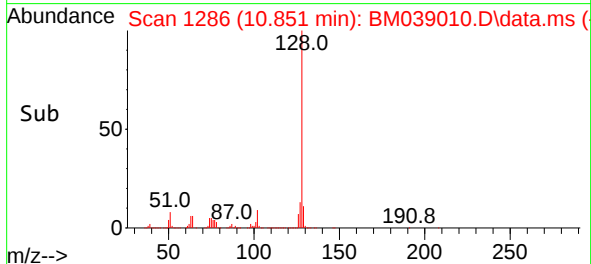
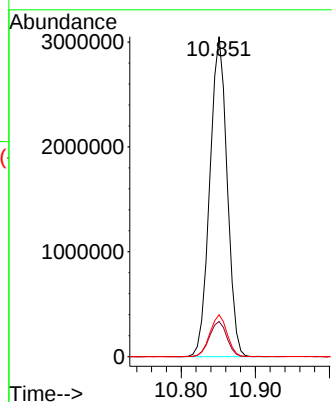
Tgt Ion:128 Resp: 4949554
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5

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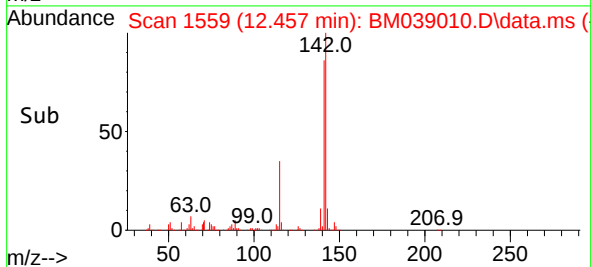
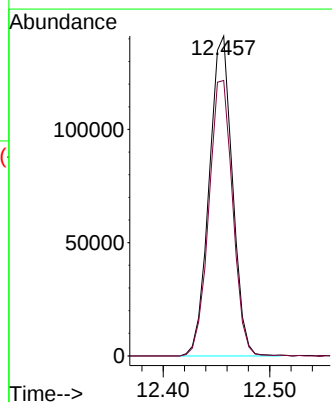
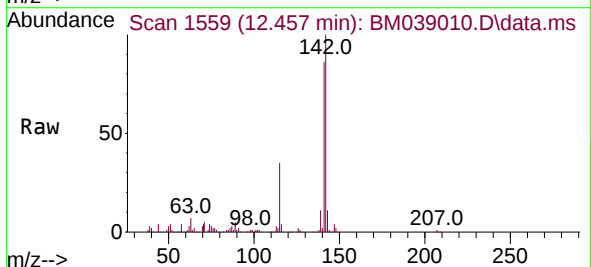
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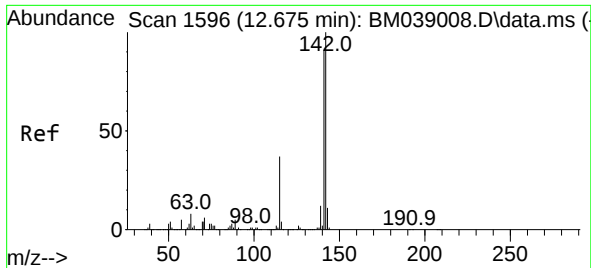
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#36
2-Methylnaphthalene
Concen: 3.781 ng/ul
RT: 12.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BM039010.D
Acq: 14 Mar 2023 12:44

Tgt Ion:142 Resp: 214518
Ion Ratio Lower Upper
142 100
141 86.1 70.7 106.1





#37

1-Methylnaphthalene

Concen: 6.601 ng/ul

RT: 12.674 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM039010.D

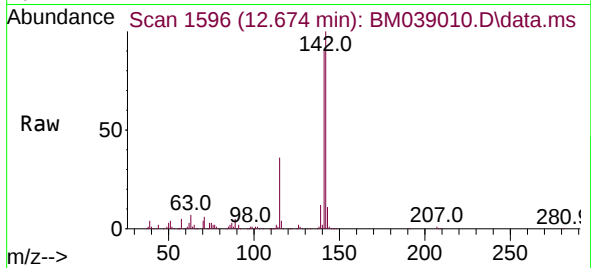
Acq: 14 Mar 2023 12:44

Instrument :

BNA_M

ClientSampleId :

DCAF9DL2



Tgt Ion:142 Resp: 376194

Ion Ratio Lower Upper

142 100

141 90.5 73.1 109.7

116 4.0 3.0 4.6

Manual Integrations

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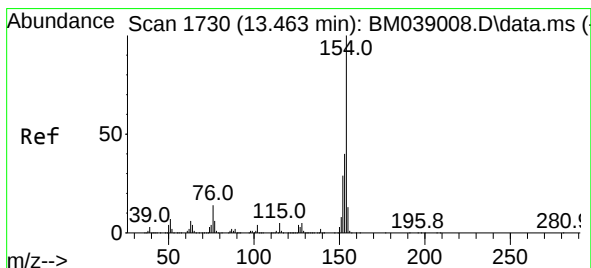
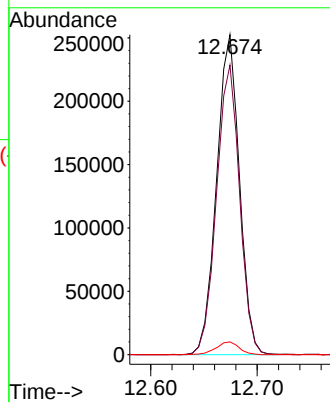
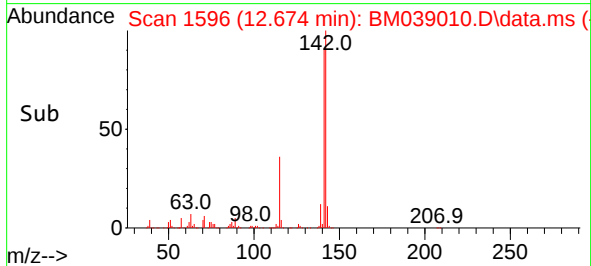
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#43

1,1'-Biphenyl

Concen: 2.241 ng/ul

RT: 13.457 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BM039010.D

Acq: 14 Mar 2023 12:44

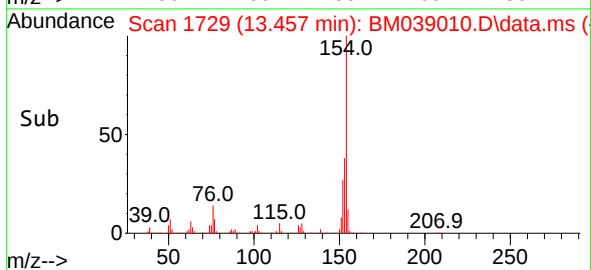
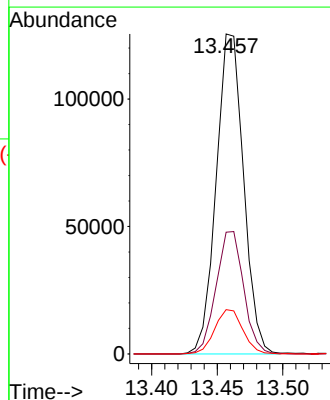
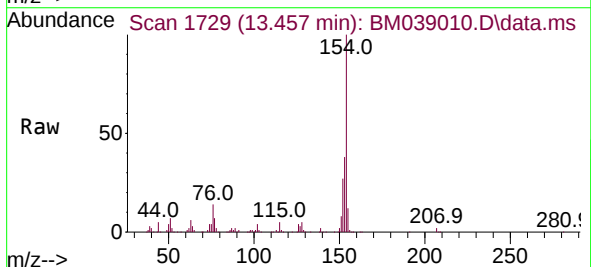
Tgt Ion:154 Resp: 182414

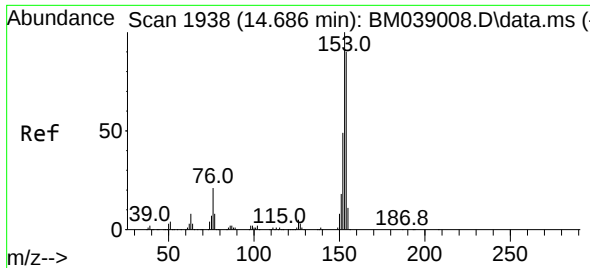
Ion Ratio Lower Upper

154 100

153 38.0 32.0 48.0

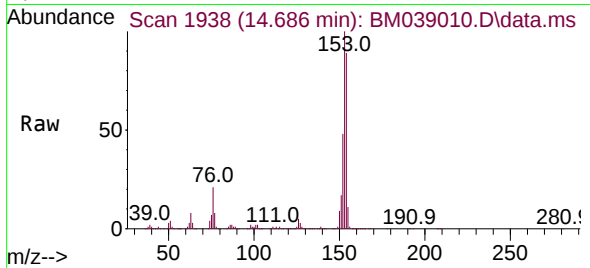
76 13.8 11.5 17.3





#52
Acenaphthene
Concen: 10.729 ng/ul
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039010.D
Acq: 14 Mar 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCAF9DL2



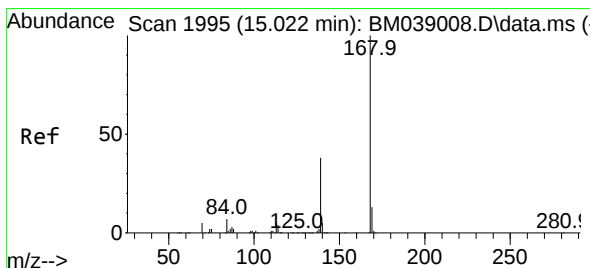
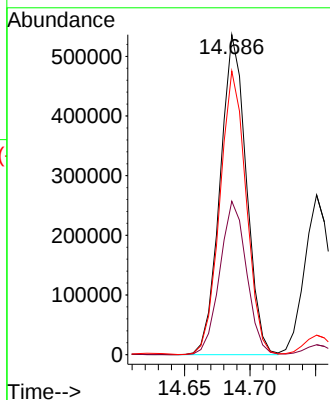
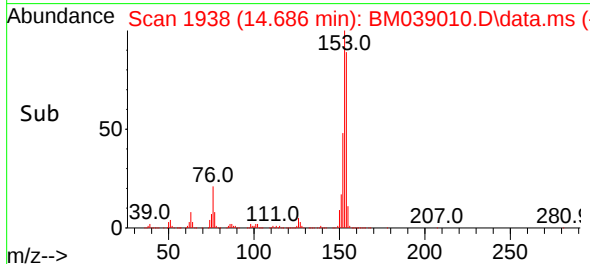
Tgt Ion:153 Resp: 745671
Ion Ratio Lower Upper
153 100
152 48.0 38.1 57.1
154 88.6 71.4 107.0

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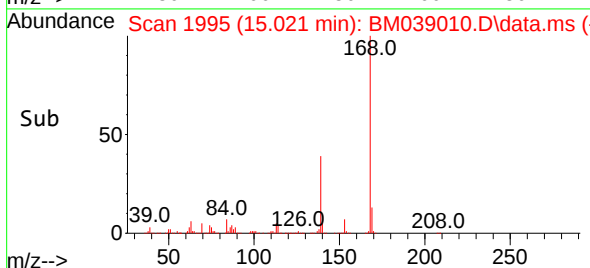
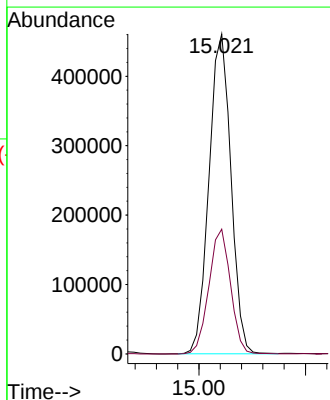
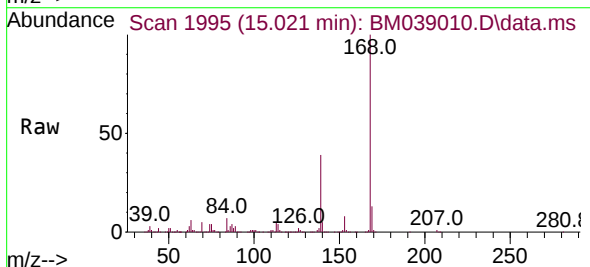
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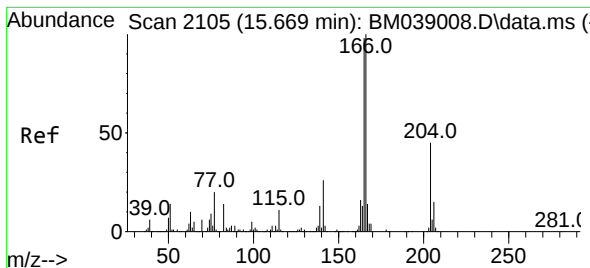
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#56
Dibenzofuran
Concen: 6.917 ng/ul
RT: 15.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BM039010.D
Acq: 14 Mar 2023 12:44

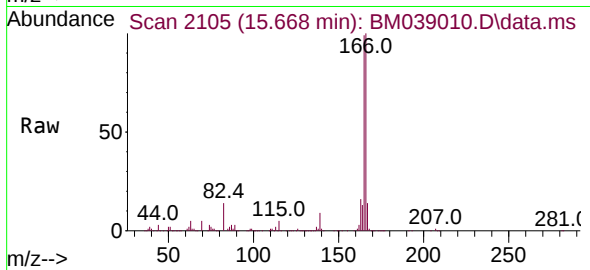
Tgt Ion:168 Resp: 659886
Ion Ratio Lower Upper
168 100
139 39.0 30.7 46.1





#61
Fluorene
Concen: 4.893 ng/ul
RT: 15.668 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM039010.D
Acq: 14 Mar 2023 12:44

Instrument :
BNA_M
ClientSampleId :
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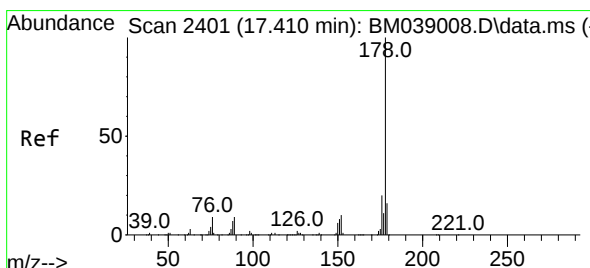
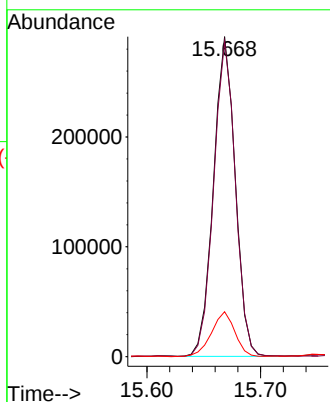
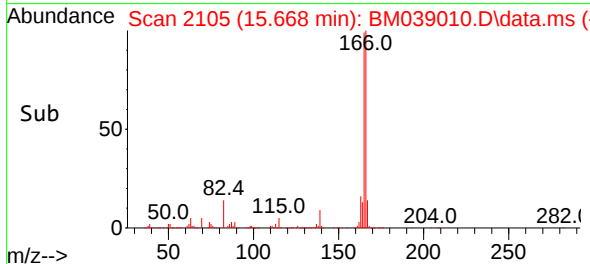
Tgt Ion:166 Resp: 387529
Ion Ratio Lower Upper
166 100
165 98.6 77.5 116.3
167 14.0 11.0 16.6

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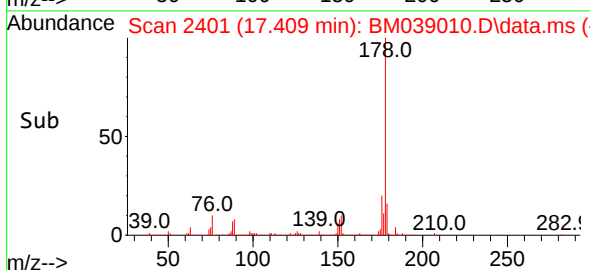
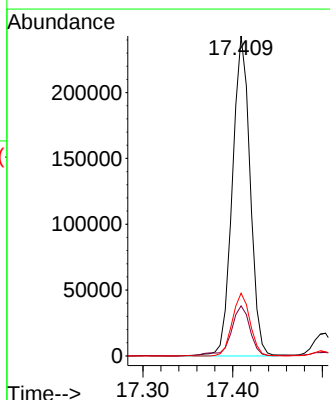
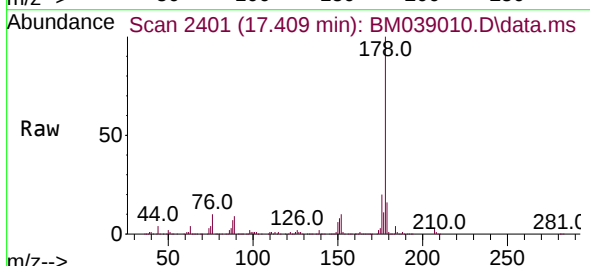
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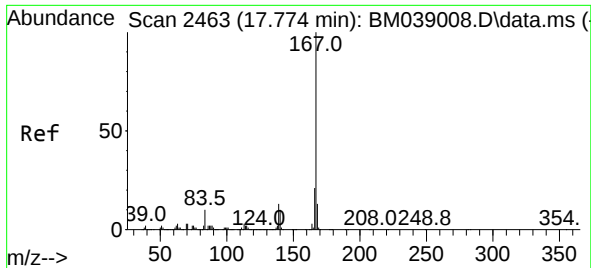
03/15/2023



#72
Phenanthrene
Concen: 2.572 ng/ul
RT: 17.409 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM039010.D
Acq: 14 Mar 2023 12:44

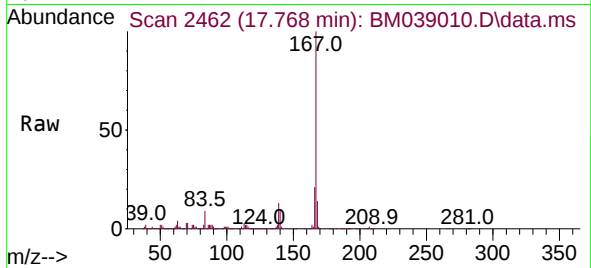
Tgt Ion:178 Resp: 333850
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.6 15.7 23.5





#77
 Carbazole
 Concen: 10.911 ng/ul
 RT: 17.768 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BM039010.D
 Acq: 14 Mar 2023 12:44

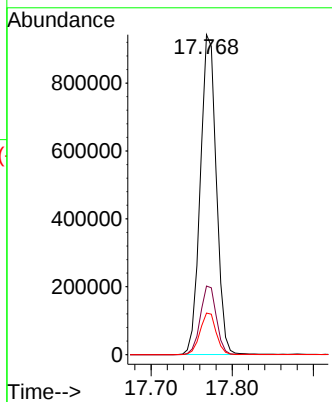
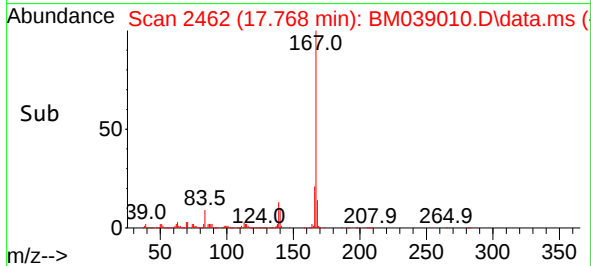
Instrument :
 BNA_M
 ClientSampleId :
 DCAF9DL2



Tgt Ion:167 Resp: 1290856
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.0 10.4 15.6

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