

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039006.D
 Acq On : 14 Mar 2023 10:12
 Operator : CG/JU
 Sample : 01810-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 01:04:05 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	383547	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1743924	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	1136529	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2475713	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1992647	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1904765	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	27260	0.738	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	116654	4.889	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	86461	3.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	53619	1.856	ng/u1	-0.01
21) Nitrobenzene-d5	9.145	128	65679	4.505	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	56562	3.851	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	99218	3.690	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	45911m	1.056	ng/u1	0.00
46) Dimethylphthalate-d6	14.033	166	494598	5.746	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	463751	4.639	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.610	176	429873	5.723	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	41180	2.626	ng/u1	0.00
73) Anthracene-d10	17.462	188	694616	5.819	ng/u1	0.00
81) Pyrene-d10	19.756	212	750573	6.434	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	549692	5.621	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.851	128	10595812	107.394	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	481506	7.519	ng/u1	99
37) 1-Methylnaphthalene	12.669	142	834113	12.967	ng/u1	99
43) 1,1'-Biphenyl	13.457	154	402048	4.451	ng/u1	99
52) Acenaphthene	14.686	153	1642684	21.297	ng/u1	99
56) Dibenzofuran	15.021	168	1467641	13.861	ng/u1	98
61) Fluorene	15.669	166	863040	9.819	ng/u1	98
72) Phenanthrene	17.410	178	717606	5.104	ng/u1	100
77) Carbazole	17.774	167	2810232	21.931	ng/u1	99

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

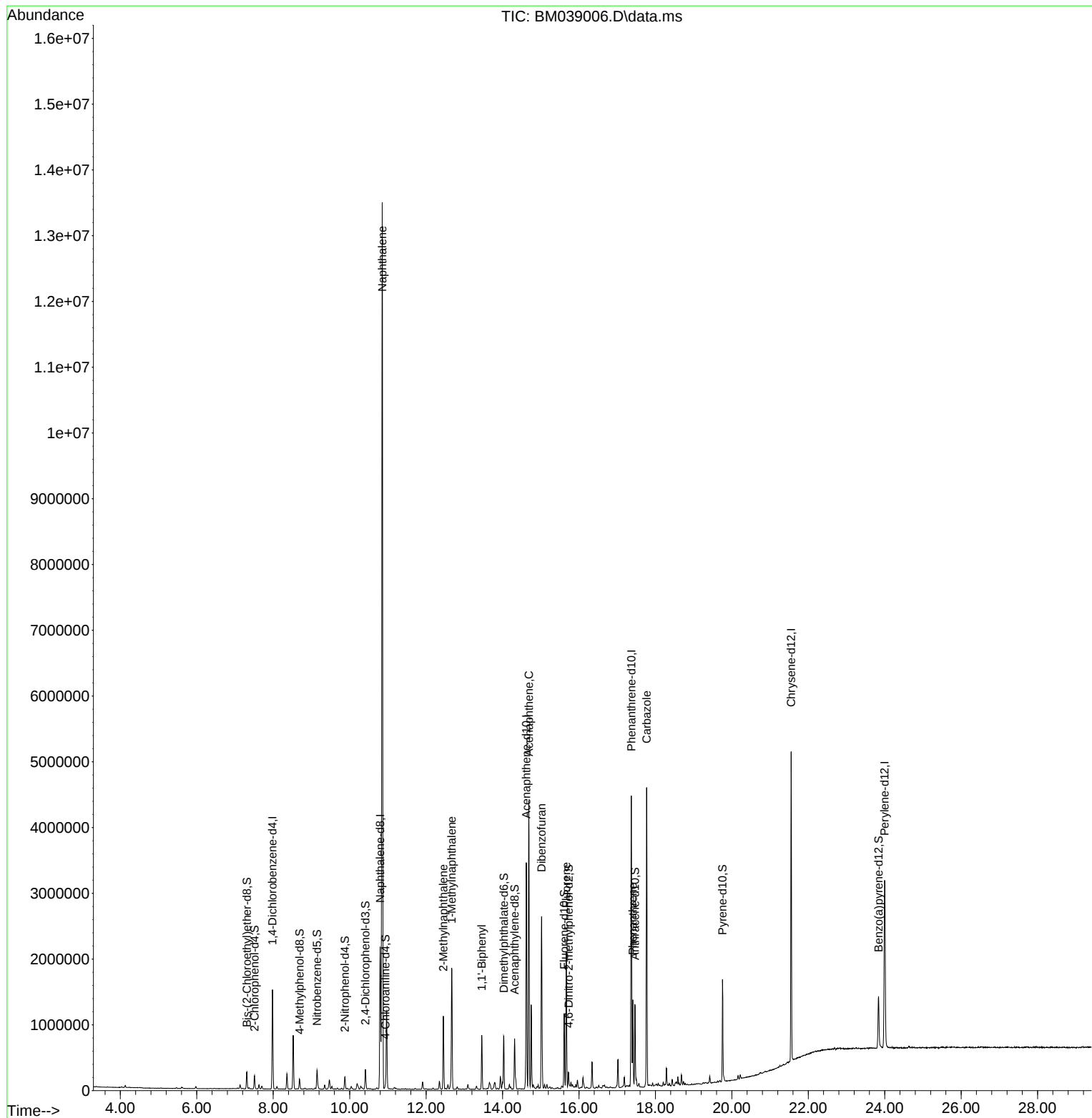
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM039006.D
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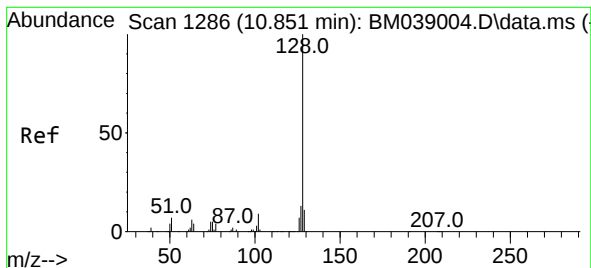
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Mar 15 01:04:05 2023
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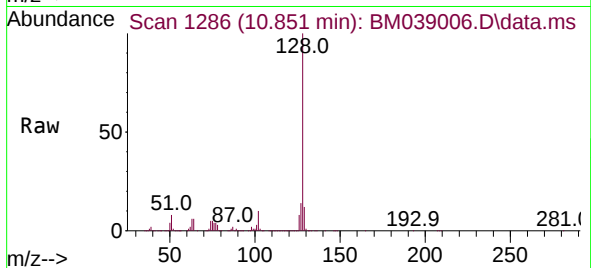
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023





#30
Naphthalene
Concen: 107.394 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

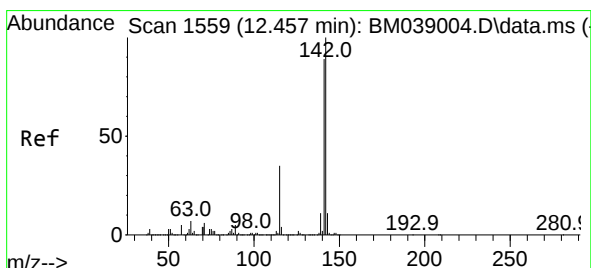
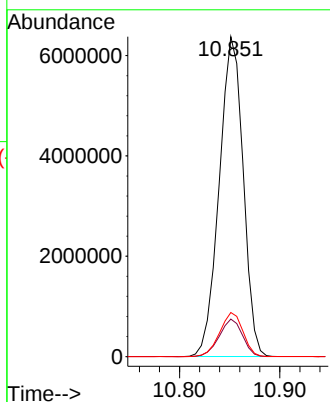
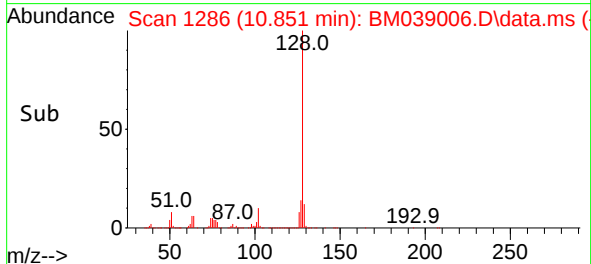
Instrument :
BNA_M
ClientSampleId :
DCAF9DL



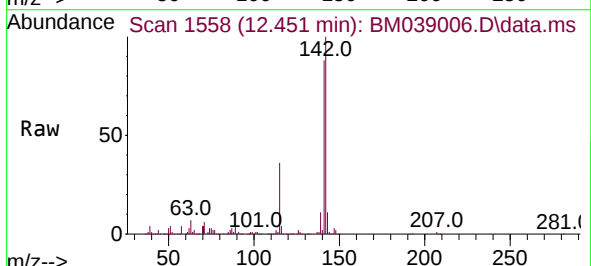
Tgt Ion:128 Resp:10595812
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.8 10.3 15.5

Manual Integrations
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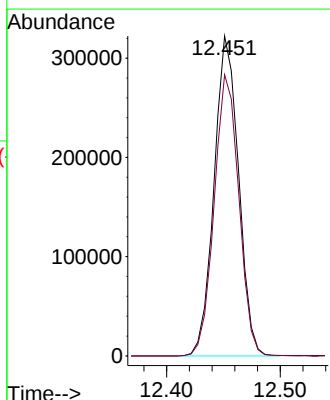
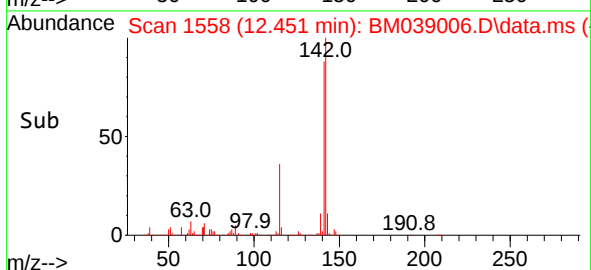
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

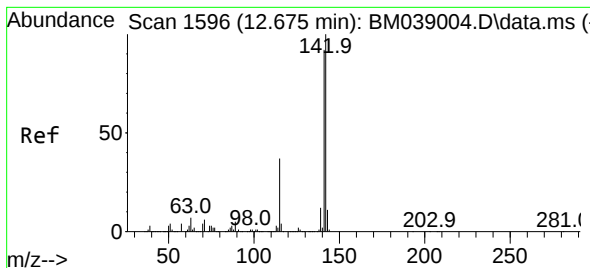


#36
2-Methylnaphthalene
Concen: 7.519 ng/ul
RT: 12.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12



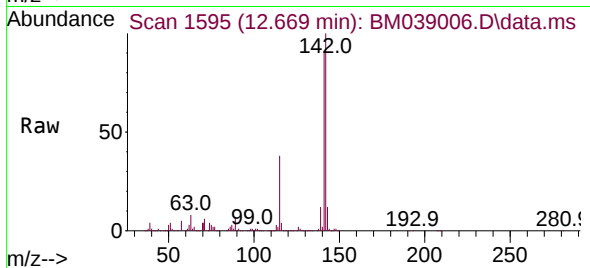
Tgt Ion:142 Resp: 481506
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1





#37
1-Methylnaphthalene
Concen: 12.967 ng/ul
RT: 12.669 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

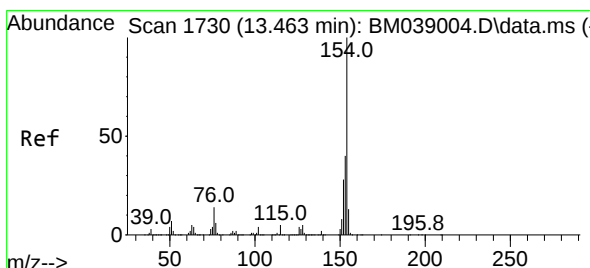
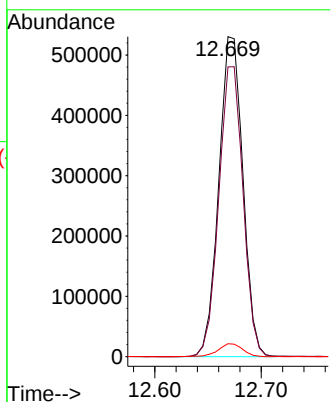
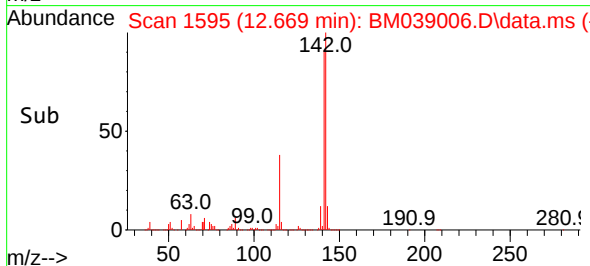
Instrument :
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ClientSampleId :
DCAF9DL



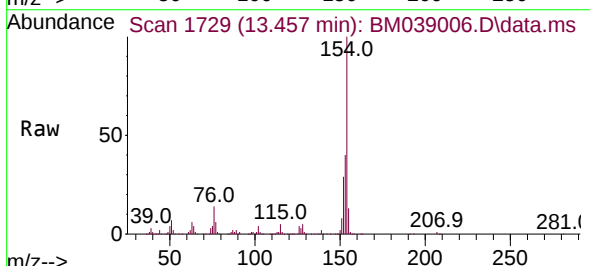
Tgt Ion:142 Resp: 834113
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7
116 4.0 3.0 4.6

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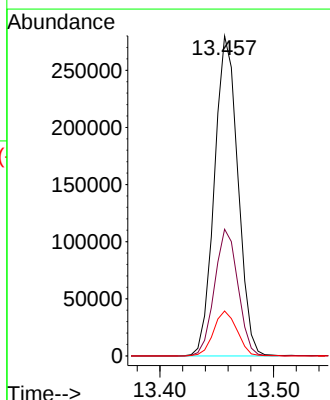
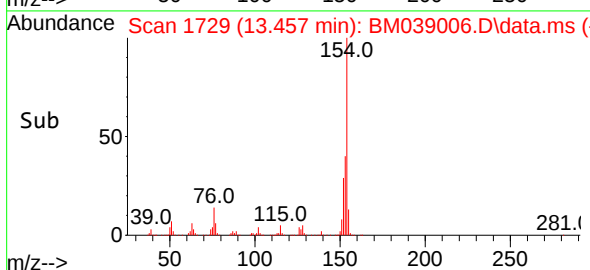
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

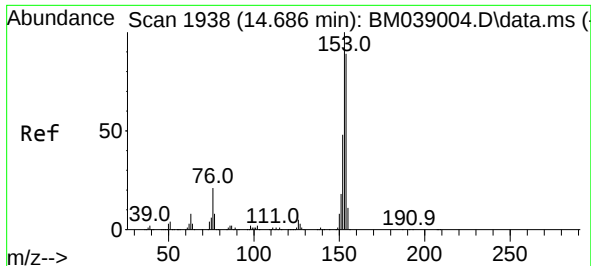


#43
1,1'-Biphenyl
Concen: 4.451 ng/ul
RT: 13.457 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12



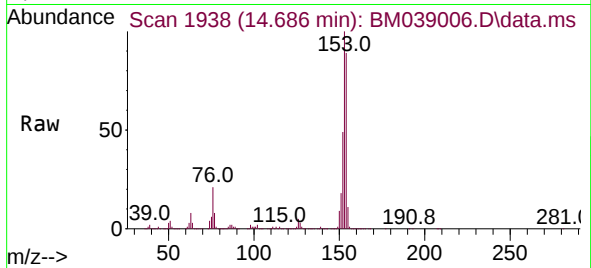
Tgt Ion:154 Resp: 402048
Ion Ratio Lower Upper
154 100
153 39.6 32.0 48.0
76 14.0 11.5 17.3





#52
Acenaphthene
Concen: 21.297 ng/ul
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

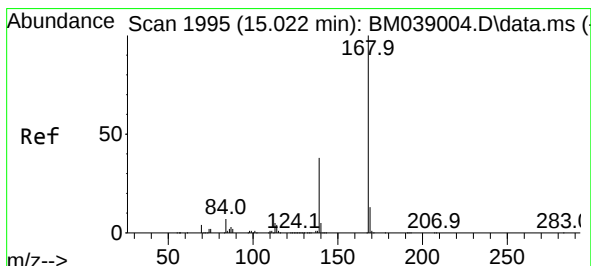
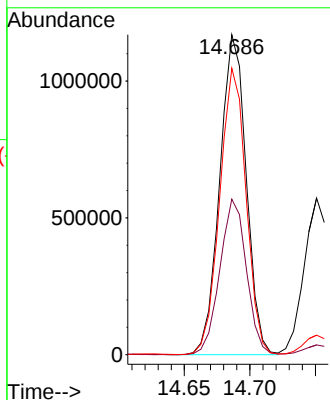
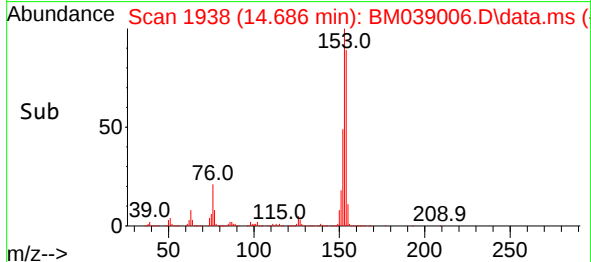
Instrument :
BNA_M
ClientSampleId :
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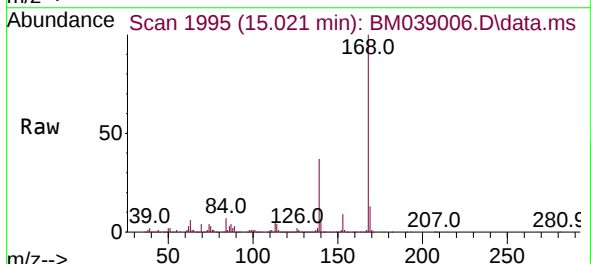
Tgt Ion:153 Resp: 1642684
Ion Ratio Lower Upper
153 100
152 48.6 38.1 57.1
154 89.5 71.4 107.0

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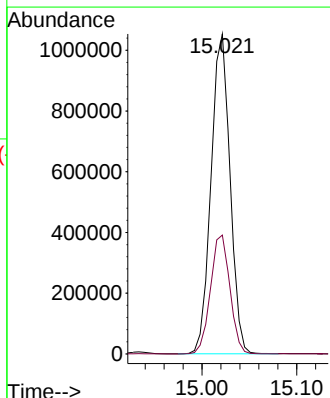
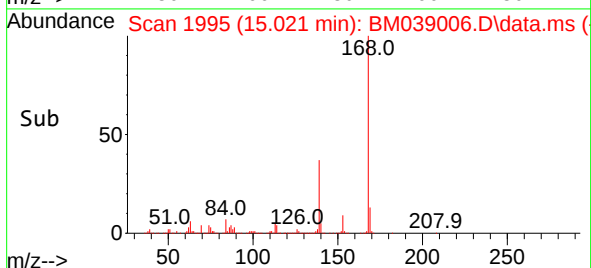
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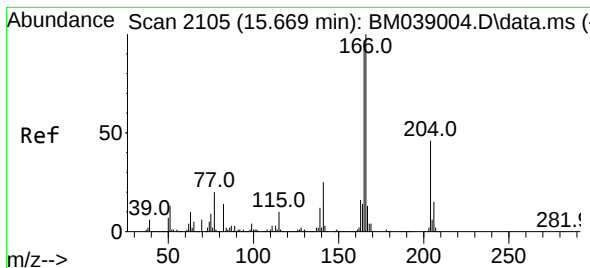


#56
Dibenzofuran
Concen: 13.861 ng/ul
RT: 15.021 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12



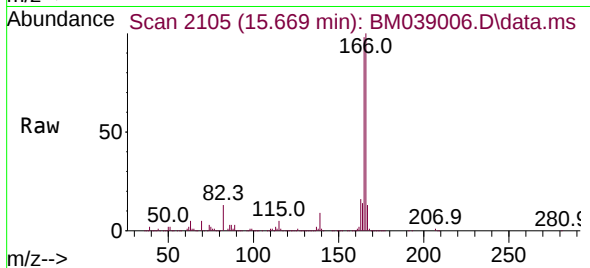
Tgt Ion:168 Resp: 1467641
Ion Ratio Lower Upper
168 100
139 37.1 30.7 46.1





#61
Fluorene
Concen: 9.819 ng/ul
RT: 15.669 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

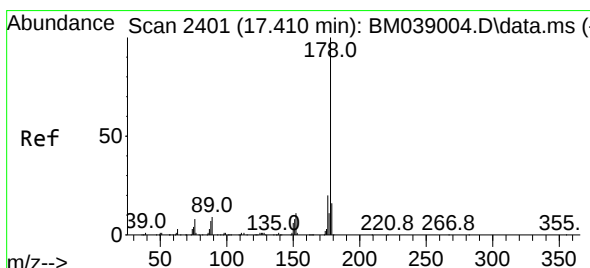
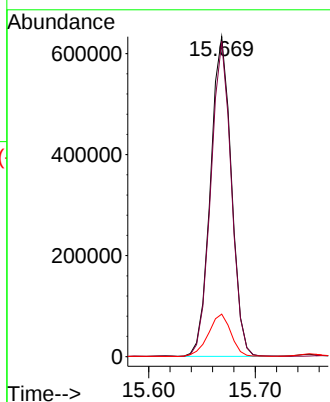
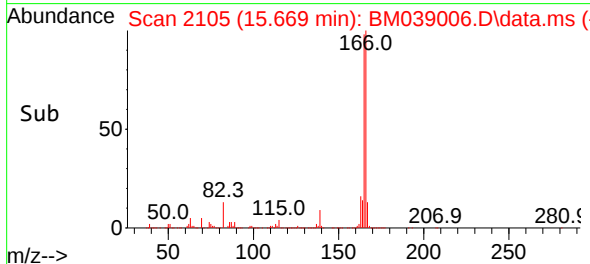
Instrument :
BNA_M
ClientSampleId :
DCAF9DL



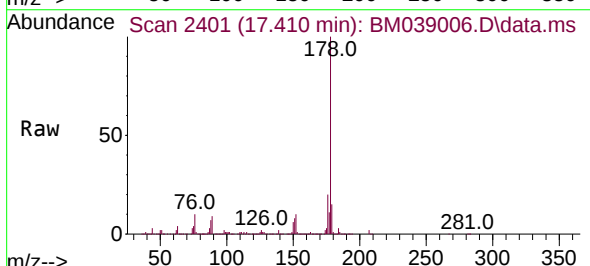
Tgt Ion:166 Resp: 863040
Ion Ratio Lower Upper
166 100
165 98.5 77.5 116.3
167 13.3 11.0 16.6

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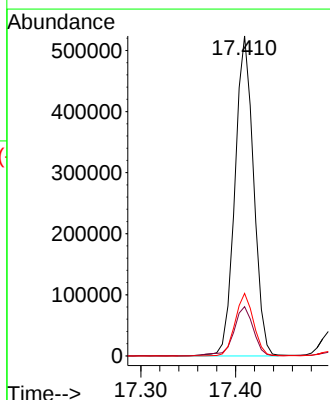
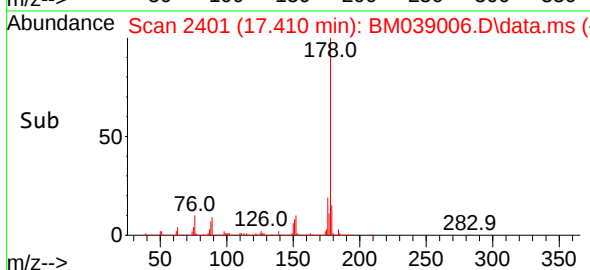
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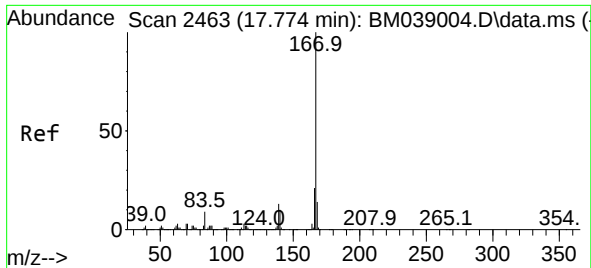


#72
Phenanthrene
Concen: 5.104 ng/ul
RT: 17.410 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12



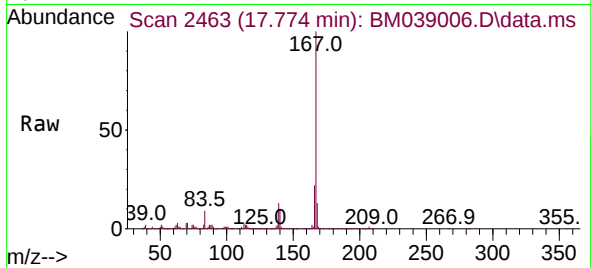
Tgt Ion:178 Resp: 717606
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.5 15.7 23.5





#77
 Carbazole
 Concen: 21.931 ng/ul
 RT: 17.774 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BM039006.D
 Acq: 14 Mar 2023 10:12

Instrument :
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Tgt Ion:167 Resp: 2810232
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 13.3 10.4 15.6

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