

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039512.D
 Acq On : 20 Apr 2023 01:53
 Operator : CG/JU
 Sample : 02296-14DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBL8DL

Quant Time: Apr 20 08:53:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/20/2023
 Supervised By : Jagrut Upadhyay 04/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	231412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.636	136	1101488	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	717232	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1523564	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	1106564	20.000	ng/u1	0.00
88) Perylene-d12	23.789	264	1041207	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	5689	0.944	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.025	99	15100	0.713	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	66251	4.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.366	132	60808	3.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.566	113	34918	2.047	ng/u1	0.00
21) Nitrobenzene-d5	9.001	128	40833	4.608	ng/u1	0.00
24) 2-Nitrophenol-d4	9.725	143	44005	4.422	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.272	165	79689	4.654	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	46833	1.831	ng/u1	0.02
46) Dimethylphthalate-d6	13.895	166	355880	6.152	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	375047	5.771	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.477	176	304931	6.434	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.330	188	467865	6.385	ng/u1	0.00
81) Pyrene-d10	19.630	212	508460	6.915	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.630	264	351043	6.245	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.695	128	22859072m	375.082	ng/u1	
37) 1-Methylnaphthalene	12.519	142	2642309	64.358	ng/u1	99
43) 1,1'-Biphenyl	13.313	154	1137638	20.524	ng/u1	99
52) Acenaphthene	14.548	153	2386040	49.856	ng/u1	99
56) Dibenzofuran	14.883	168	2992688	46.006	ng/u1	99
72) Phenanthrene	17.277	178	1423604	16.831	ng/u1	99
77) Carbazole	17.648	167	1748163	23.184	ng/u1	100

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

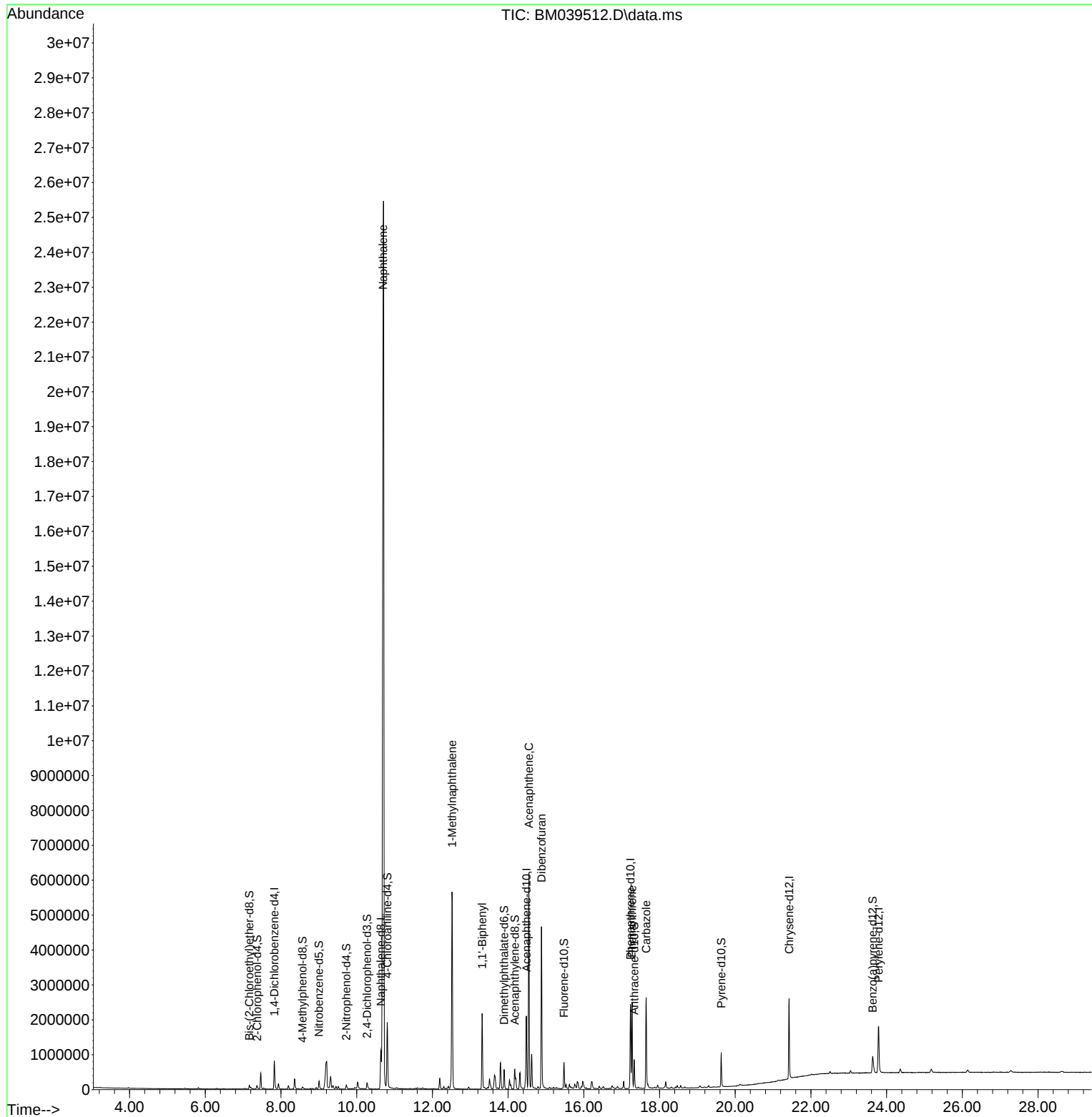
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
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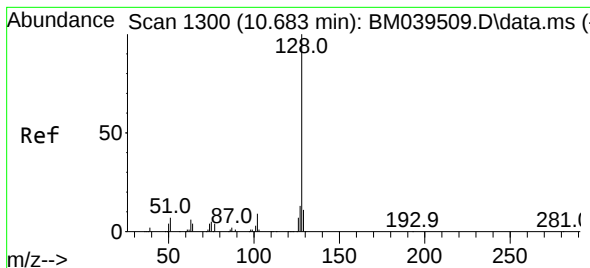
Instrument :
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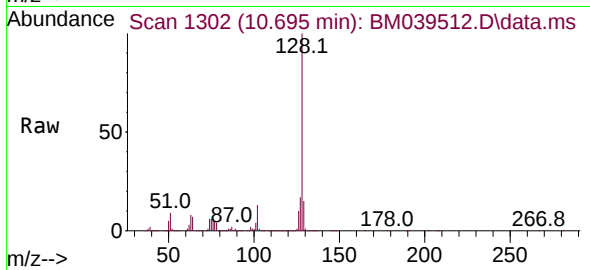
Reviewed By : Christian Giraldo 04/20/2023
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#30
Naphthalene
Concen: 375.082 ng/ul m
RT: 10.695 min Scan# 1302
Delta R.T. 0.009 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

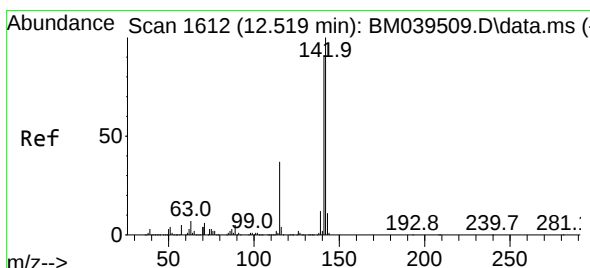
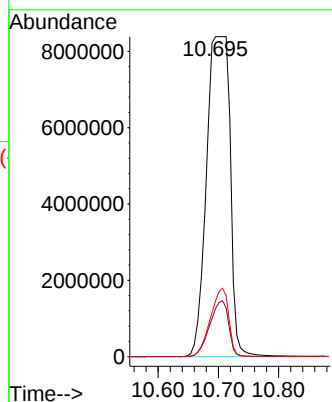
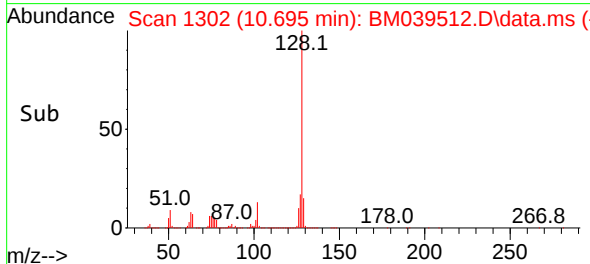
Instrument :
BNA_M
ClientSampleId :
DCBL8DL



Tgt Ion:128 Resp:22859072
Ion Ratio Lower Upper
128 100
129 15.0 8.9 13.3
127 17.4 10.5 15.7

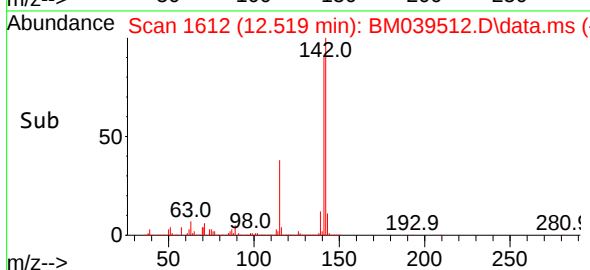
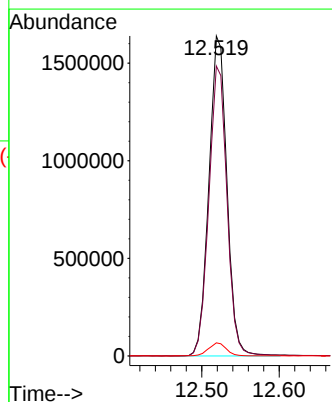
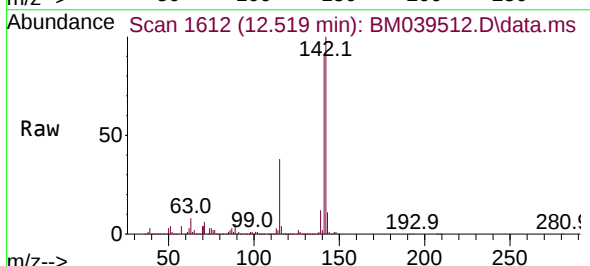
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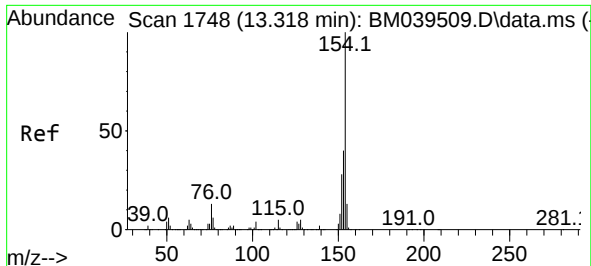
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#37
1-Methylnaphthalene
Concen: 64.358 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

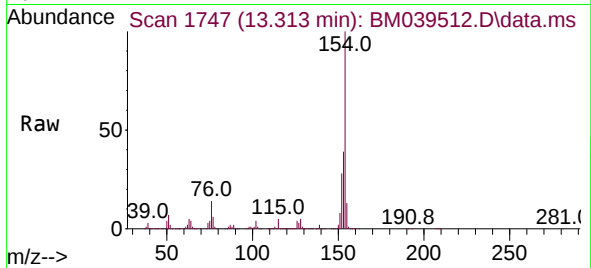
Tgt Ion:142 Resp: 2642309
Ion Ratio Lower Upper
142 100
141 90.6 72.0 108.0
116 4.1 3.2 4.8





#43
1,1'-Biphenyl
Concen: 20.524 ng/ul
RT: 13.313 min Scan# 1747
Delta R.T. -0.009 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

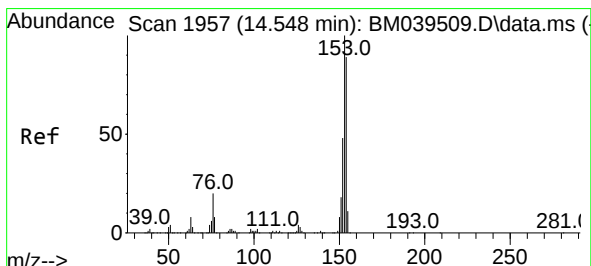
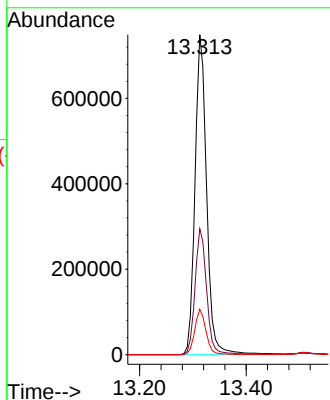
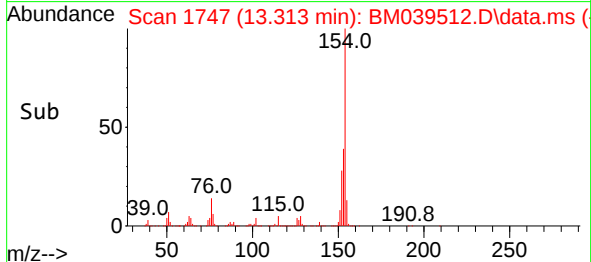
Instrument :
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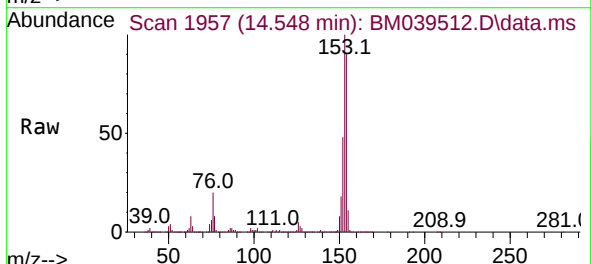
Tgt Ion:154 Resp: 1137638
Ion Ratio Lower Upper
154 100
153 39.3 31.9 47.9
76 14.2 11.5 17.3

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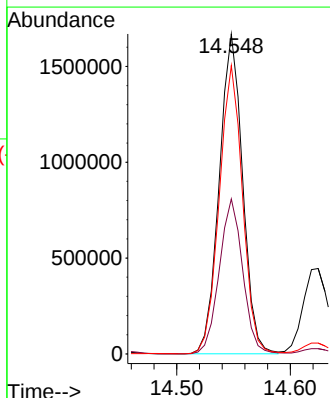
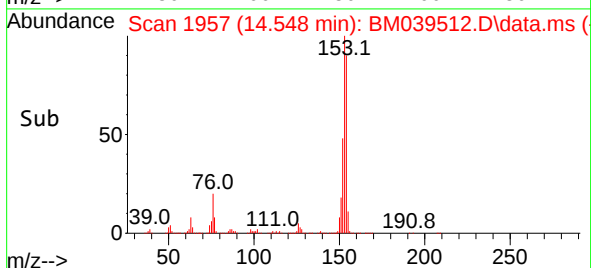
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

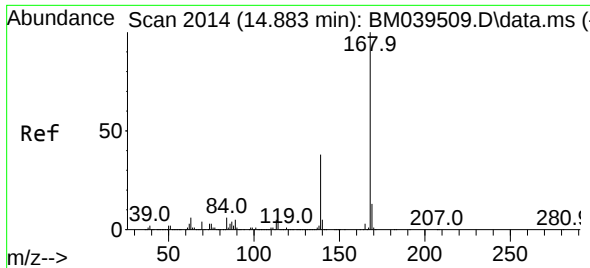


#52
Acenaphthene
Concen: 49.856 ng/ul
RT: 14.548 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53



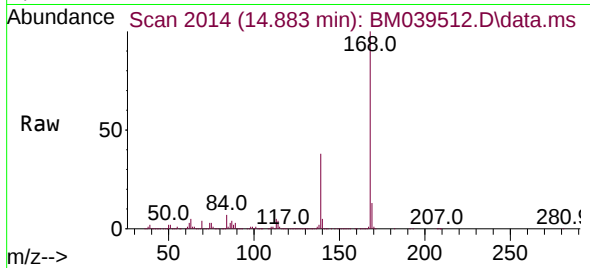
Tgt Ion:153 Resp: 2386040
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 90.1 71.0 106.4





#56
Dibenzenofuran
Concen: 46.006 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

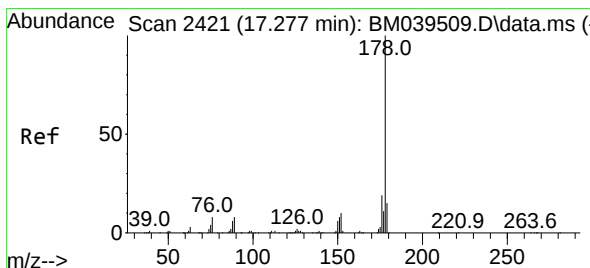
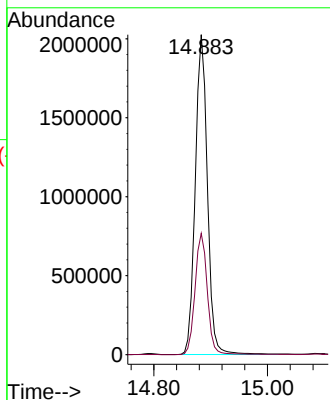
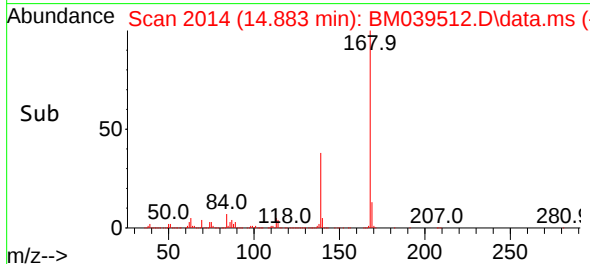
Instrument :
BNA_M
ClientSampleId :
DCBL8DL



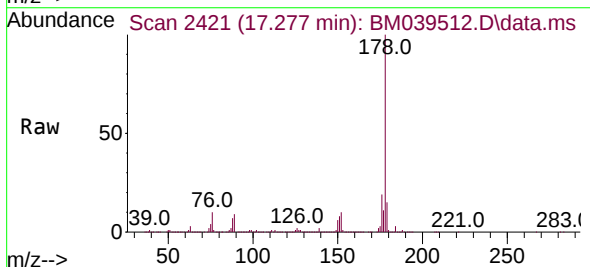
Tgt Ion:168 Resp: 2992688
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1

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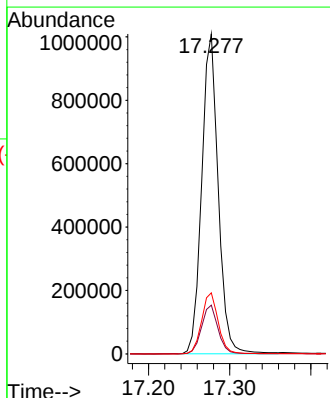
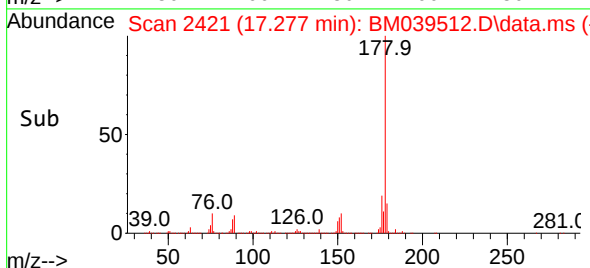
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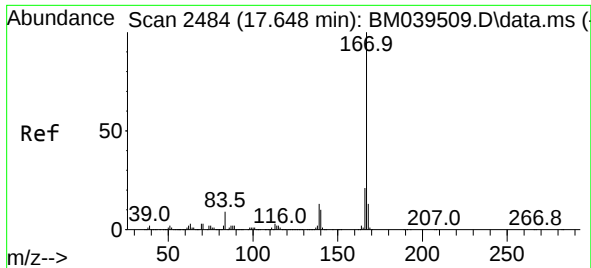


#72
Phenanthrene
Concen: 16.831 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53



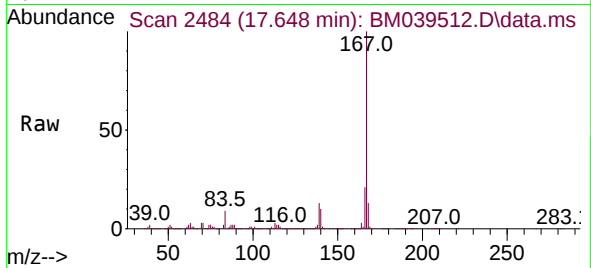
Tgt Ion:178 Resp: 1423604
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.1 15.8 23.8





#77
 Carbazole
 Concen: 23.184 ng/ul
 RT: 17.648 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BM039512.D
 Acq: 20 Apr 2023 01:53

Instrument :
 BNA_M
 ClientSampleId :
 DCBL8DL



Tgt Ion:167 Resp: 1748163
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.2 10.6 15.8

Manual Integrations
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