

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039522.D
 Acq On : 20 Apr 2023 12:11
 Operator : CG/JU
 Sample : 02296-14DL3 60X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBL8DL3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 03:19:48 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	203670	20.000	ng/u1	0.00
20) Naphthalene-d8	10.631	136	933727	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	603379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	1185498	20.000	ng/u1	0.00
79) Chrysene-d12	21.430	240	865997	20.000	ng/u1	0.00
88) Perylene-d12	23.795	264	935843	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	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.178	67	4691m	0.381	ng/u1	0.01
11) 2-Chlorophenol-d4	7.390	132	3201m	0.219	ng/u1	0.03
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.043	128	1814m	0.241	ng/u1	0.04
24) 2-Nitrophenol-d4	9.743	143	1282m	0.152	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.390	165	3660m	0.252	ng/u1	0.12
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.907	166	21518	0.442	ng/u1	0.00
49) Acenaphthylene-d8	14.178	160	21618	0.395	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.489	176	18187	0.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.342	188	32464m	0.569	ng/u1	0.00
81) Pyrene-d10	19.636	212	26949	0.468	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.648	264	22697	0.449	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.684	128	2407944	46.609	ng/u1	100
37) 1-Methylnaphthalene	12.519	142	177320	5.095	ng/u1	100
43) 1,1'-Biphenyl	13.325	154	67330	1.444	ng/u1	98
52) Acenaphthene	14.548	153	167371	4.157	ng/u1	99
56) Dibenzofuran	14.889	168	195039	3.564	ng/u1	98
72) Phenanthrene	17.277	178	91800	1.395	ng/u1	98
77) Carbazole	17.666	167	68339	1.165	ng/u1	99

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

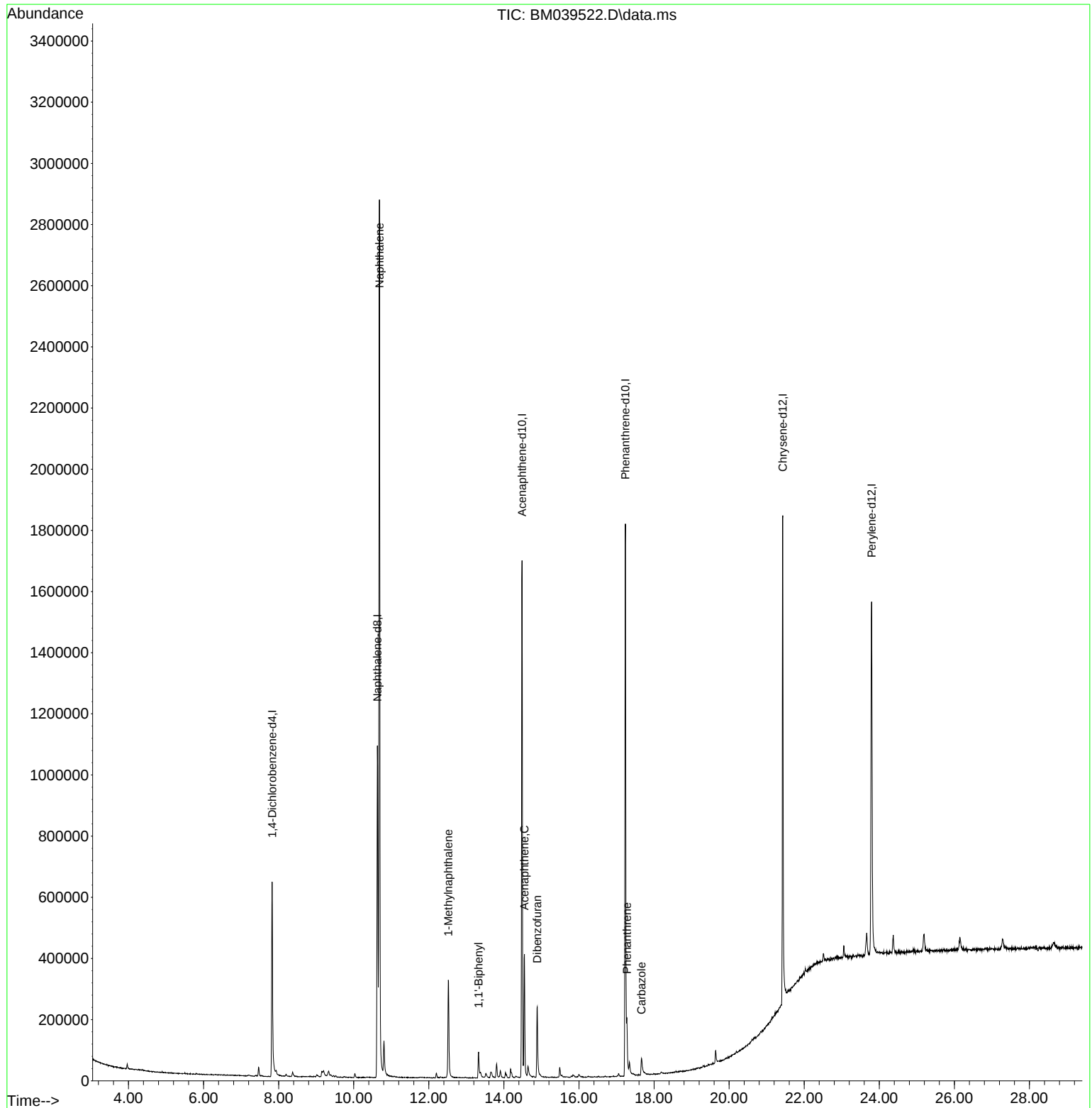
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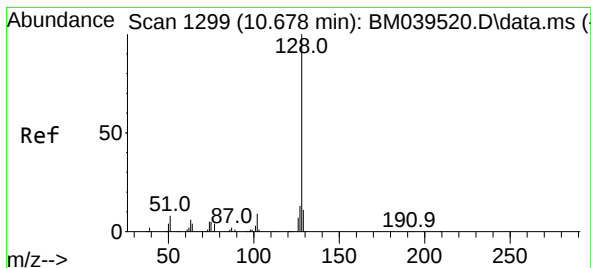
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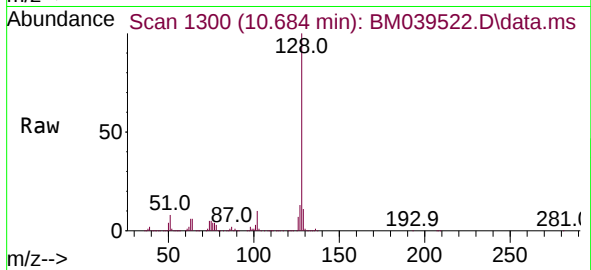
Reviewed By : Christian Giraldo 04/21/2023
Supervised By : Jagrut Upadhyay 04/21/2023





#30
Naphthalene
Concen: 46.609 ng/ul
RT: 10.684 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BM039522.D
Acq: 20 Apr 2023 12:11

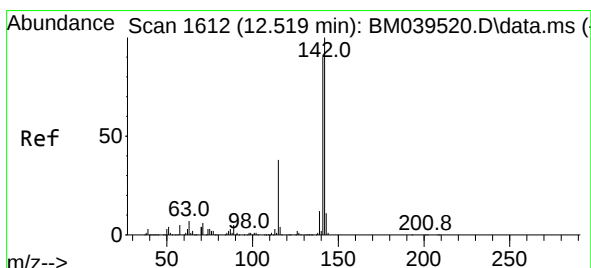
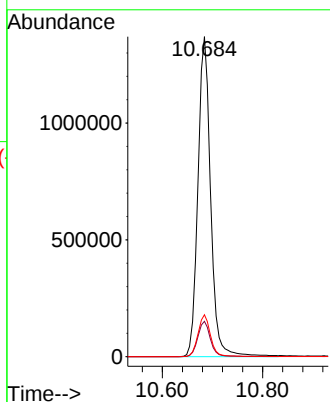
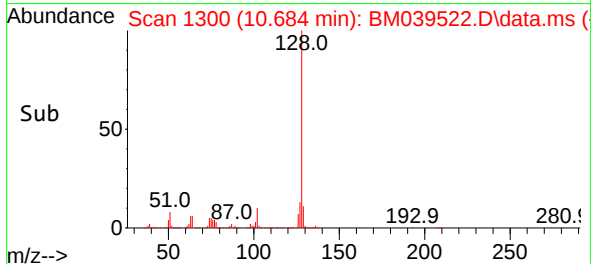
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ClientSampleId :
DCBL8DL3



Tgt Ion:128 Resp: 2407944
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7

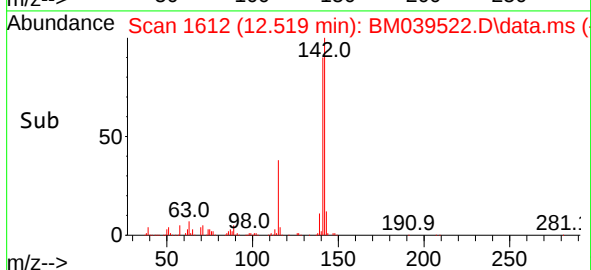
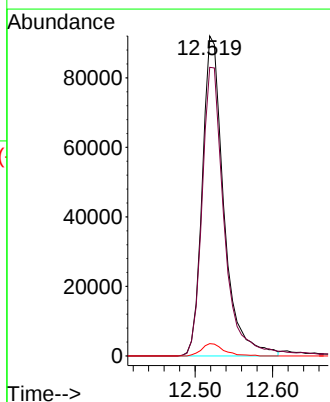
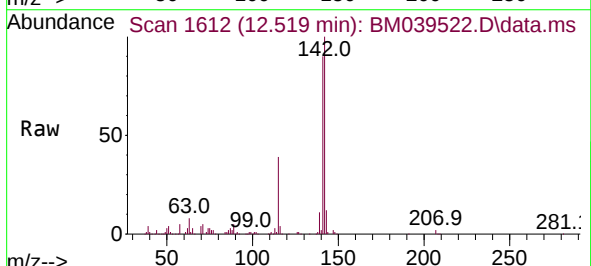
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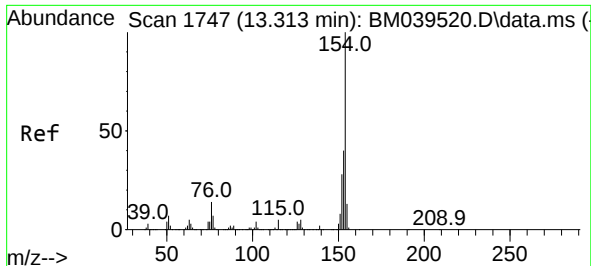
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#37
1-Methylnaphthalene
Concen: 5.095 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039522.D
Acq: 20 Apr 2023 12:11

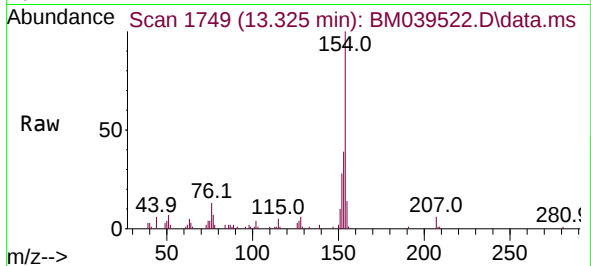
Tgt Ion:142 Resp: 177320
Ion Ratio Lower Upper
142 100
141 90.2 72.0 108.0
116 3.9 3.2 4.8





#43
1,1'-Biphenyl
Concen: 1.444 ng/ul
RT: 13.325 min Scan# 1749
Delta R.T. 0.003 min
Lab File: BM039522.D
Acq: 20 Apr 2023 12:11

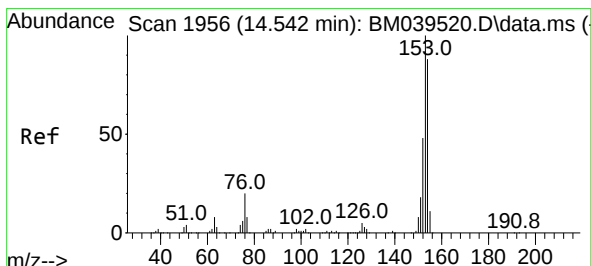
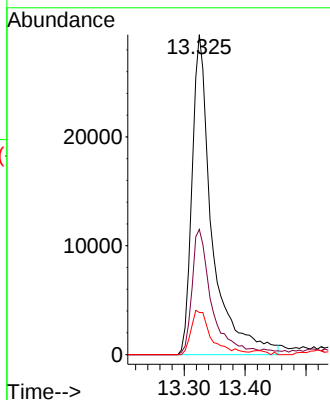
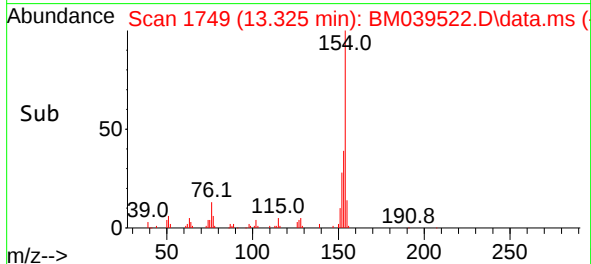
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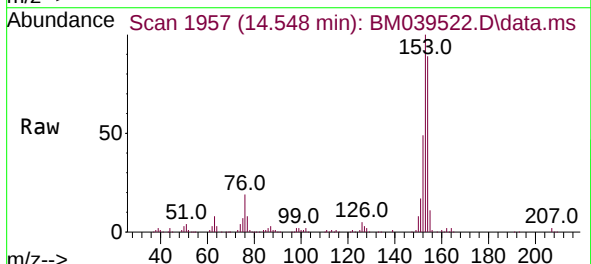
Tgt Ion:154 Resp: 67330
Ion Ratio Lower Upper
154 100
153 39.1 31.9 47.9
76 13.2 11.5 17.3

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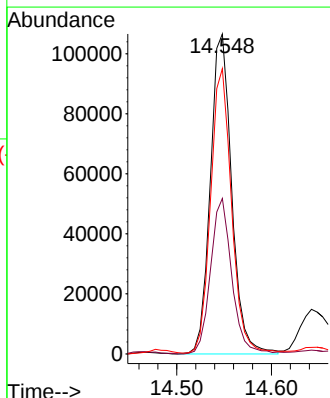
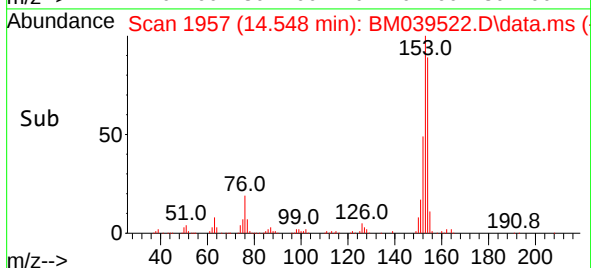
Reviewed By :Christian Giraldo 04/21/2023
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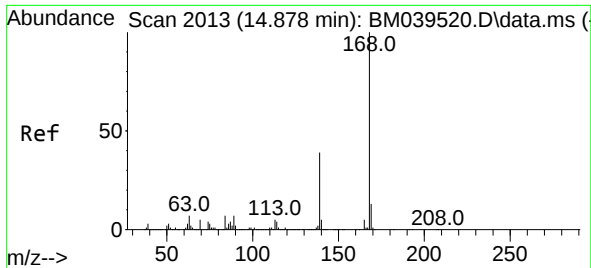


#52
Acenaphthene
Concen: 4.157 ng/ul
RT: 14.548 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BM039522.D
Acq: 20 Apr 2023 12:11



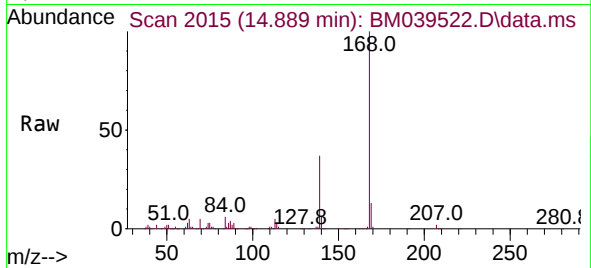
Tgt Ion:153 Resp: 167371
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 89.1 71.0 106.4





#56
Dibenzofuran
Concen: 3.564 ng/ul
RT: 14.889 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BM039522.D
Acq: 20 Apr 2023 12:11

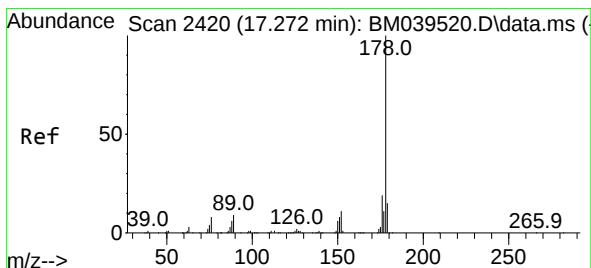
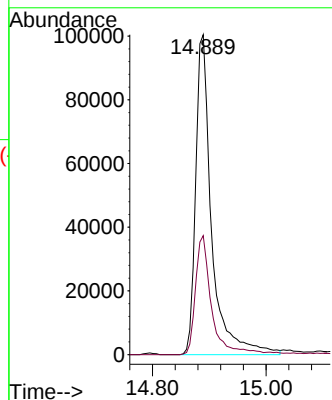
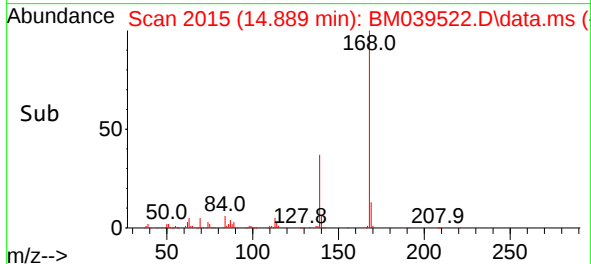
Instrument :
BNA_M
ClientSampleId :
DCBL8DL3



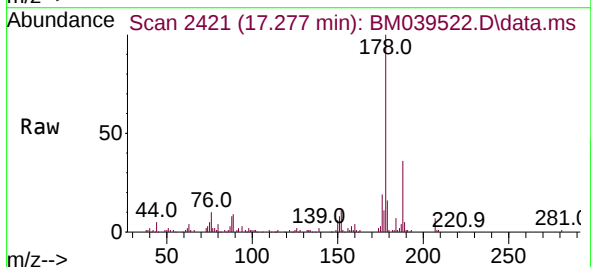
Tgt Ion:168 Resp: 195039
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1

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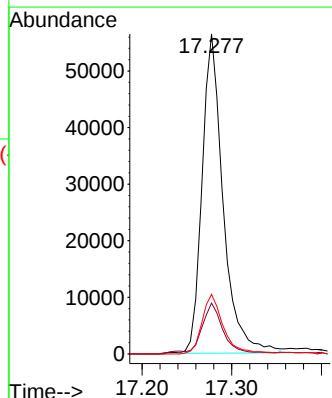
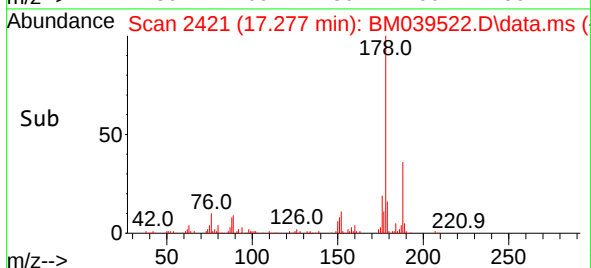
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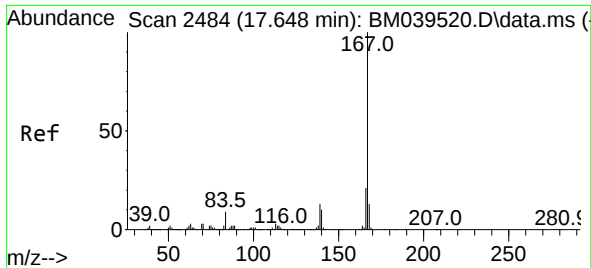


#72
Phenanthrene
Concen: 1.395 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039522.D
Acq: 20 Apr 2023 12:11



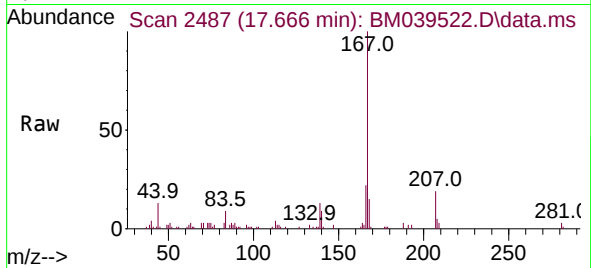
Tgt Ion:178 Resp: 91800
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 18.6 15.8 23.8





#77
 Carbazole
 Concen: 1.165 ng/ul
 RT: 17.666 min Scan# 2487
 Delta R.T. 0.015 min
 Lab File: BM039522.D
 Acq: 20 Apr 2023 12:11

Instrument :
 BNA_M
 ClientSampleId :
 DCBL8DL3



Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	13.1	10.6	15.8

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