

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039513.D
 Acq On : 20 Apr 2023 02:29
 Operator : CG/JU
 Sample : 02296-14DL2 30X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBL8DL2

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 05:49:22 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	203176	20.000	ng/u1	0.00
20) Naphthalene-d8	10.636	136	969113	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	638930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1344185	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	960536	20.000	ng/u1	0.00
88) Perylene-d12	23.783	264	928638	20.000	ng/u1	-0.01
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	8340m	0.679	ng/u1	0.01
11) 2-Chlorophenol-d4	7.378	132	7642m	0.524	ng/u1	0.01
15) 4-Methylphenol-d8	8.601	113	3577m	0.239	ng/u1	0.04
21) Nitrobenzene-d5	9.025	128	4708m	0.604	ng/u1	0.03
24) 2-Nitrophenol-d4	9.742	143	4123m	0.471	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.336	165	8172m	0.542	ng/u1	0.07
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.901	166	49956	0.969	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	48066	0.830	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.483	176	42709	1.012	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.336	188	67723	1.048	ng/u1	0.00
81) Pyrene-d10	19.630	212	67078	1.051	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.636	264	44891	0.895	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.683	128	4864559	90.723	ng/u1	100
37) 1-Methylnaphthalene	12.519	142	378991	10.492	ng/u1	98
43) 1,1'-Biphenyl	13.319	154	147814	2.994	ng/u1	99
52) Acenaphthene	14.548	153	351396	8.242	ng/u1	98
56) Dibenzofuran	14.883	168	439061	7.577	ng/u1	99
72) Phenanthrene	17.277	178	205724	2.757	ng/u1	98
77) Carbazole	17.654	167	199705	3.002	ng/u1	99

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

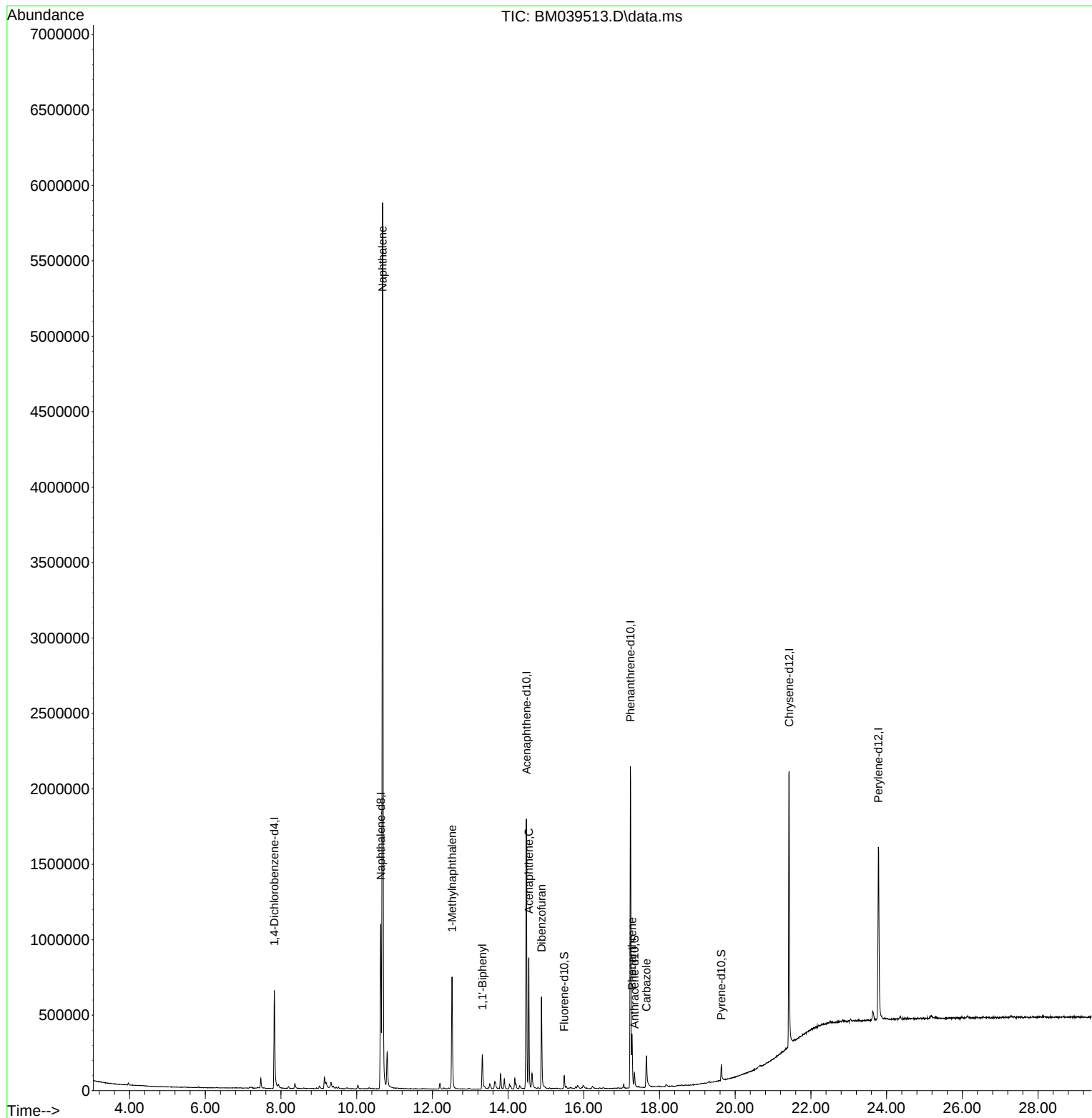
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
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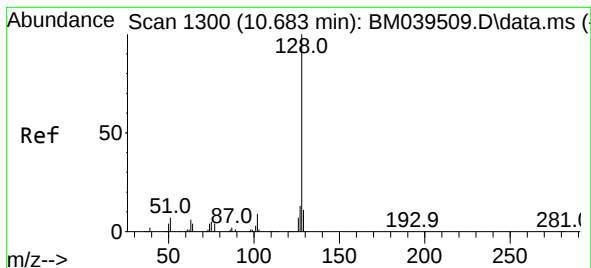
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Quant Time: Apr 20 05:49:22 2023
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Quant Title : SVOA CALIBRATION
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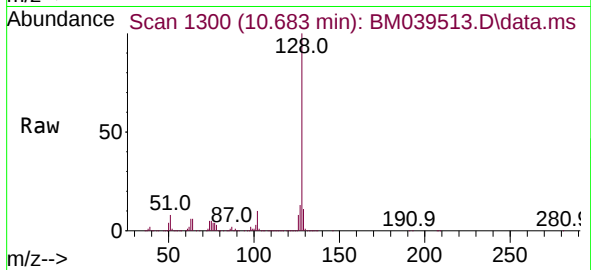
Reviewed By : Christian Giraldo 04/20/2023
Supervised By : Jagrut Upadhyay 04/20/2023





#30
Naphthalene
Concen: 90.723 ng/ul
RT: 10.683 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29

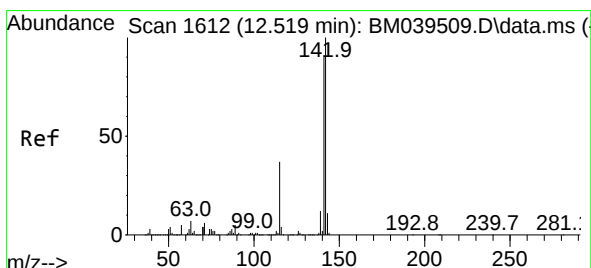
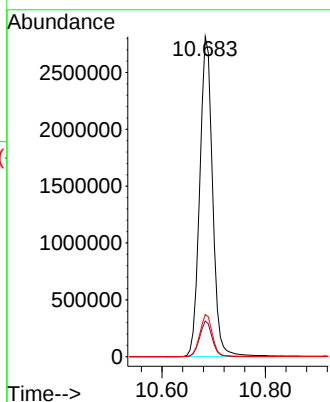
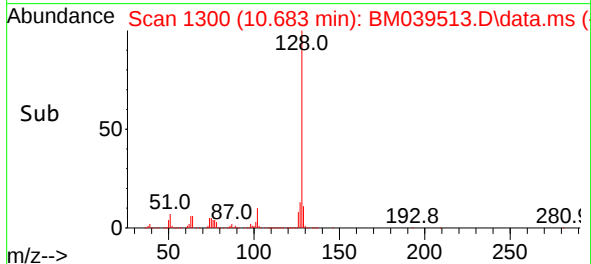
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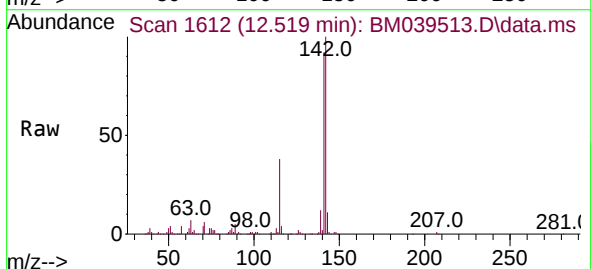
Tgt Ion:128 Resp: 4864559
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7

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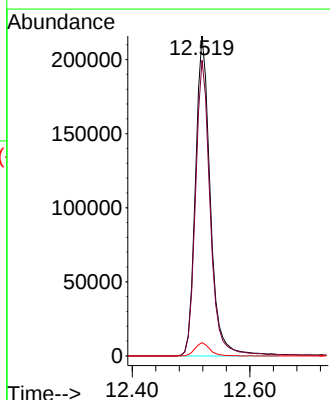
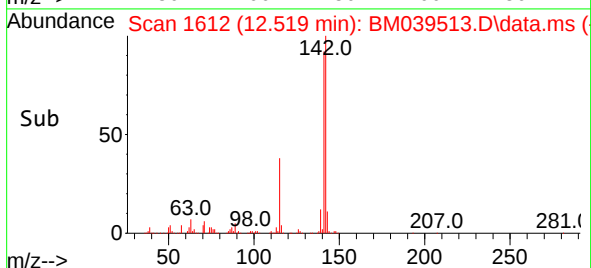
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Supervised By :Jagrut Upadhyay 04/20/2023

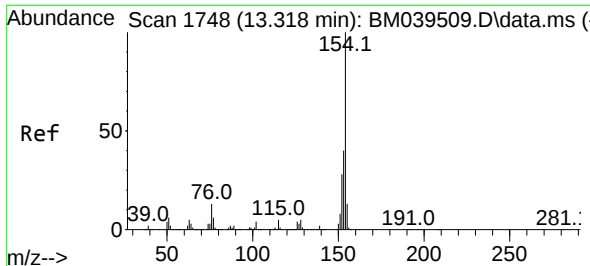


#37
1-Methylnaphthalene
Concen: 10.492 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29



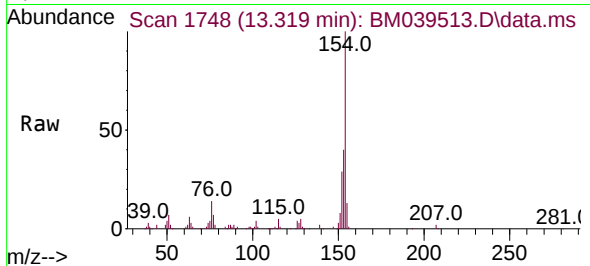
Tgt Ion:142 Resp: 378991
Ion Ratio Lower Upper
142 100
141 92.4 72.0 108.0
116 4.1 3.2 4.8





#43
1,1'-Biphenyl
Concen: 2.994 ng/ul
RT: 13.319 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29

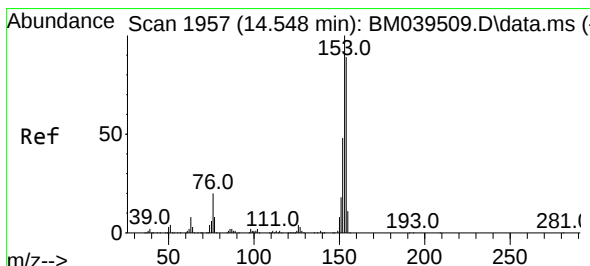
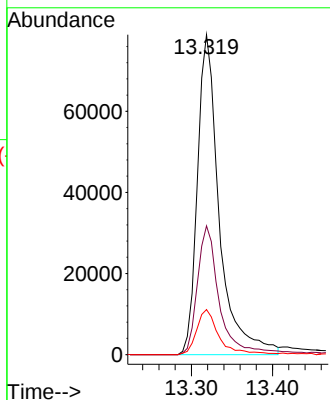
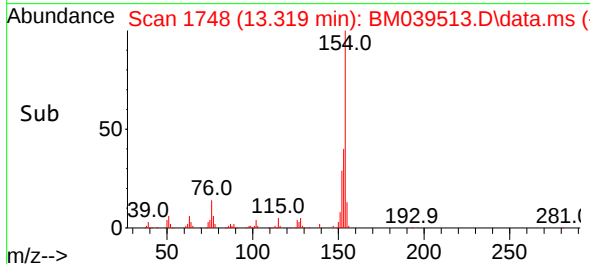
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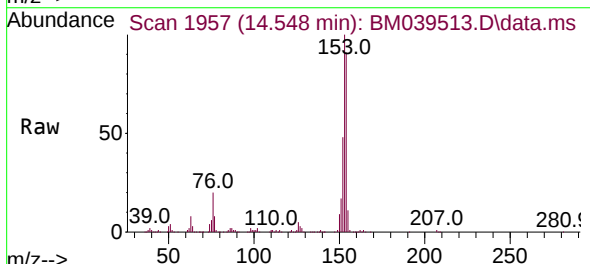
Tgt Ion:154 Resp: 147814
Ion Ratio Lower Upper
154 100
153 40.2 31.9 47.9
76 14.1 11.5 17.3

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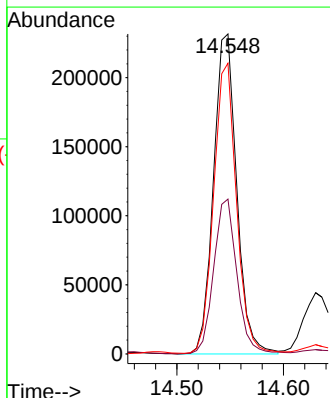
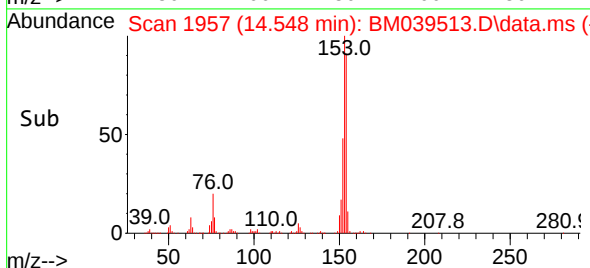
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

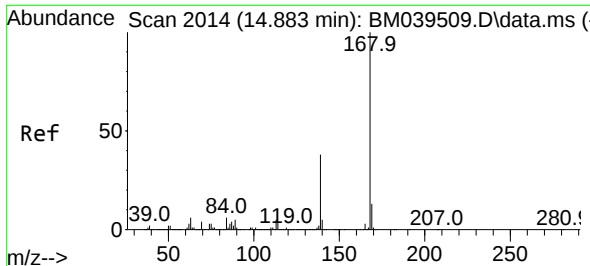


#52
Acenaphthene
Concen: 8.242 ng/ul
RT: 14.548 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29



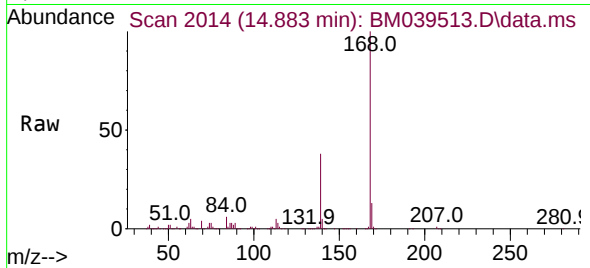
Tgt Ion:153 Resp: 351396
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 90.8 71.0 106.4





#56
Dibenzenofuran
Concen: 7.577 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29

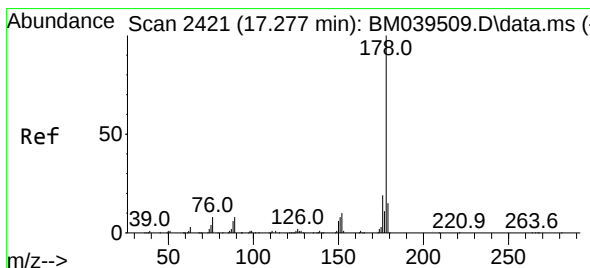
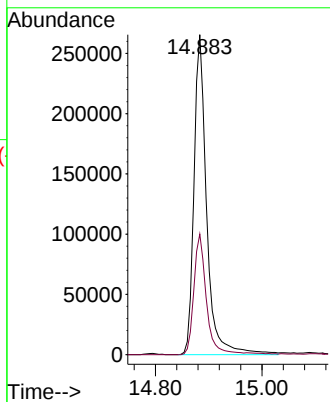
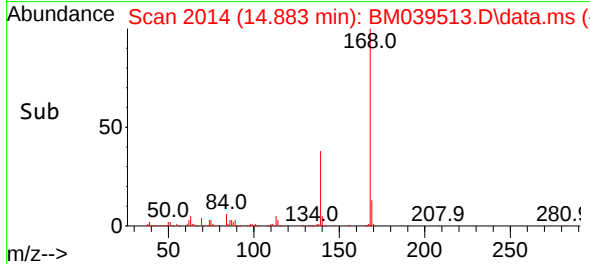
Instrument :
BNA_M
ClientSampleId :
DCBL8DL2



Tgt Ion:168 Resp: 439063
Ion Ratio Lower Upper
168 100
139 37.7 30.7 46.1

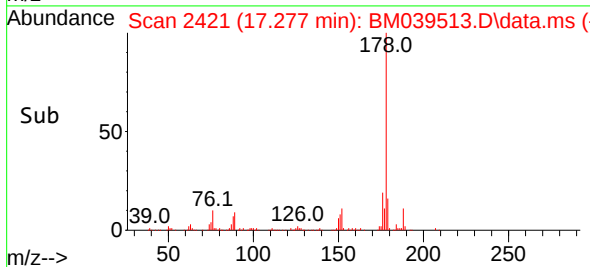
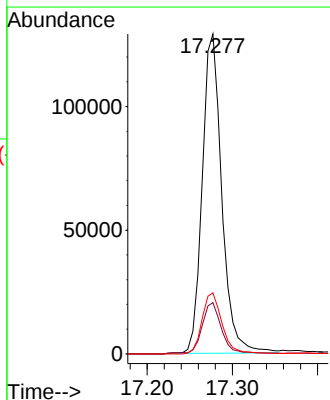
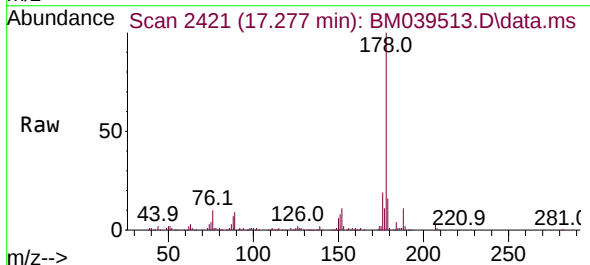
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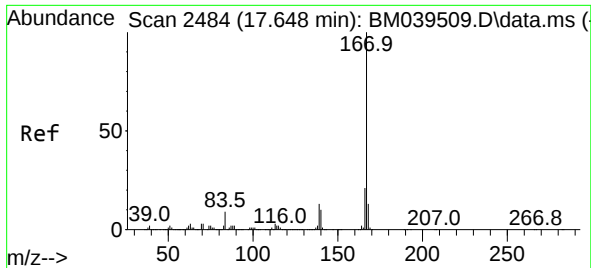
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#72
Phenanthrene
Concen: 2.757 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29

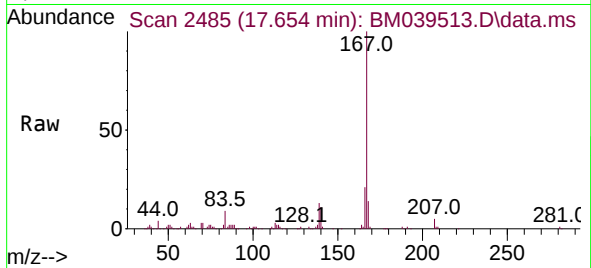
Tgt Ion:178 Resp: 205724
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.1 15.8 23.8





#77
 Carbazole
 Concen: 3.002 ng/ul
 RT: 17.654 min Scan# 2485
 Delta R.T. 0.003 min
 Lab File: BM039513.D
 Acq: 20 Apr 2023 02:29

Instrument :
 BNA_M
 ClientSampleId :
 DCBL8DL2



Tgt Ion:167 Resp: 199705
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.4
 139 13.1 10.6 15.8

Manual Integrations
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