

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039515.D
 Acq On : 20 Apr 2023 03:41
 Operator : CG/JU
 Sample : 02296-16DL2 30X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM2DL2

Quant Time: Apr 20 06:07:56 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	202852	20.000	ng/u1	0.00
20) Naphthalene-d8	10.636	136	950892	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	629468	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1308385	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	915085	20.000	ng/u1	0.00
88) Perylene-d12	23.788	264	875303	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...	7.172	67	6268m	0.511	ng/u1	0.00
11) 2-Chlorophenol-d4	7.378	132	7839m	0.538	ng/u1	0.01
15) 4-Methylphenol-d8	8.601	113	4338m	0.290	ng/u1	0.04
21) Nitrobenzene-d5	9.025	128	5585m	0.730	ng/u1	0.03
24) 2-Nitrophenol-d4	9.730	143	4285	0.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.319	165	9652m	0.653	ng/u1	0.05
31) 4-Chloroaniline-d4	10.819	131	10344	0.469	ng/u1	0.03
46) Dimethylphthalate-d6	13.901	166	50580	0.996	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	51525	0.903	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.477	176	44577	1.072	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.336	188	72343	1.150	ng/u1	0.00
81) Pyrene-d10	19.630	212	67543	1.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.635	264	46688	0.988	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.695	128	17427486	331.246	ng/u1	95
36) 2-Methylnaphthalene	12.301	142	1590215	45.087	ng/u1	98
37) 1-Methylnaphthalene	12.519	142	760639	21.461	ng/u1	98
43) 1,1'-Biphenyl	13.313	154	273203	5.616	ng/u1	98
52) Acenaphthene	14.548	153	1008240	24.004	ng/u1	100
56) Dibenzofuran	14.883	168	769139	13.472	ng/u1	99
61) Fluorene	15.530	166	408508	8.650	ng/u1	99
72) Phenanthrene	17.277	178	499984	6.883	ng/u1	99
77) Carbazole	17.648	167	689700	10.651	ng/u1	99

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

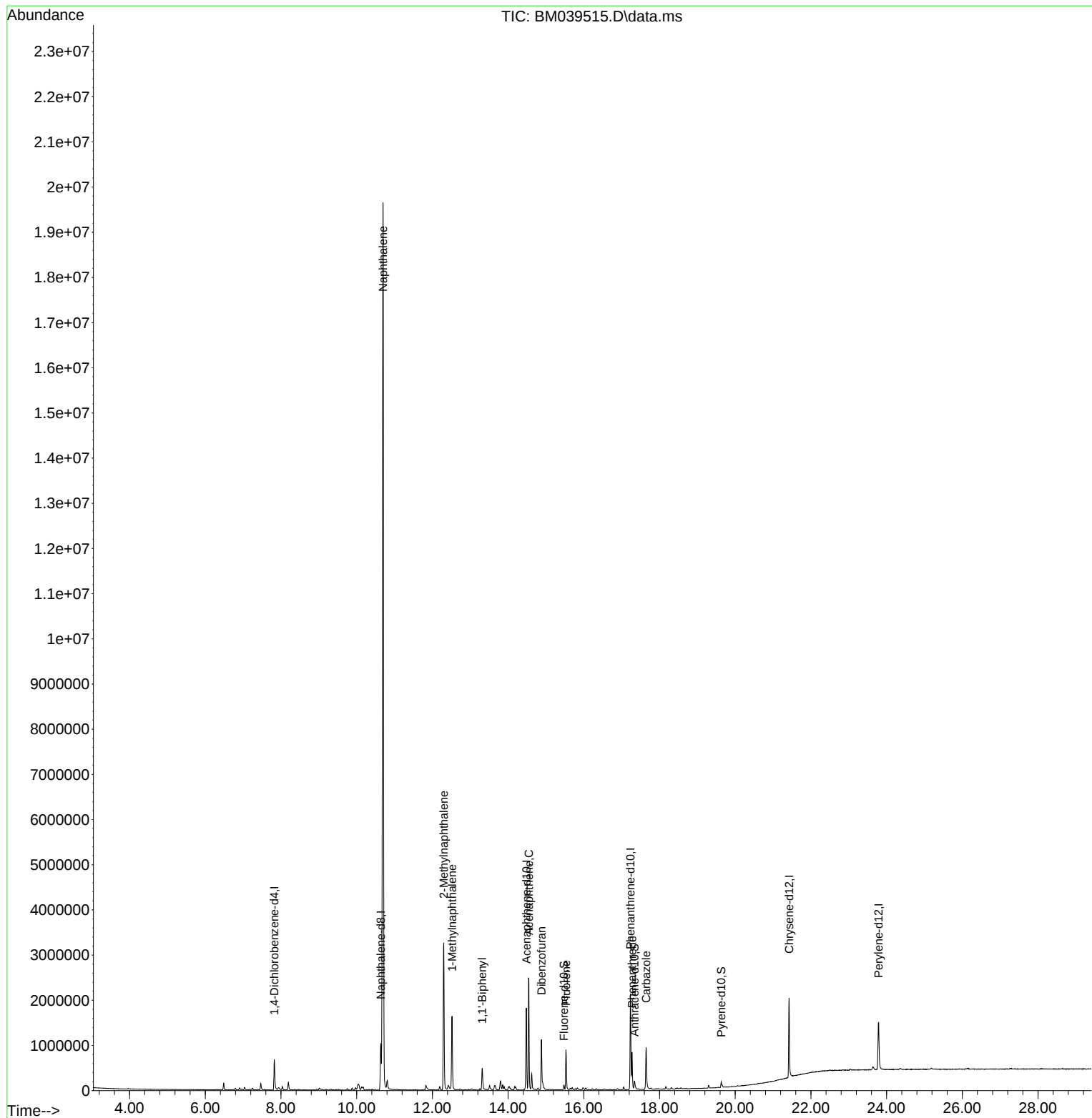
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039515.D
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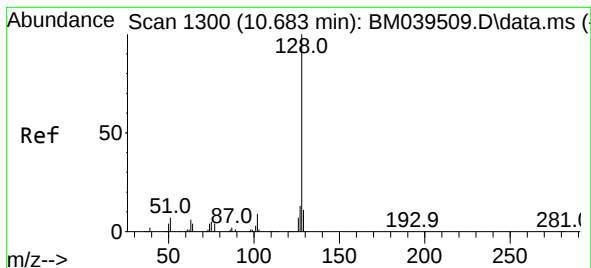
Instrument :
BNA_M
ClientSampleId :
DCBM2DL2

Quant Time: Apr 20 06:07:56 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
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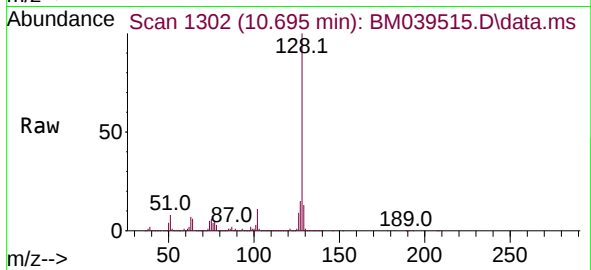
Reviewed By : Christian Giraldo 04/20/2023
Supervised By : Jagrut Upadhyay 04/20/2023





#30
Naphthalene
Concen: 331.246 ng/ul
RT: 10.695 min Scan# 1302
Delta R.T. 0.009 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

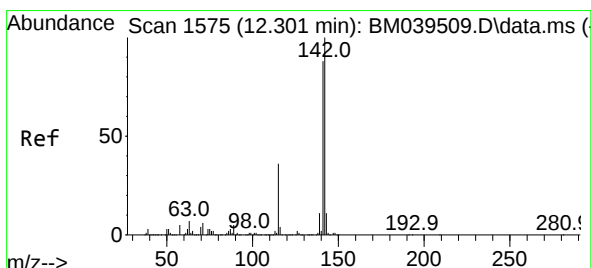
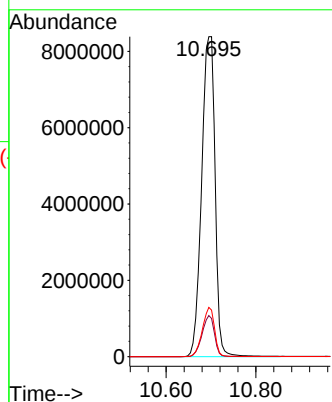
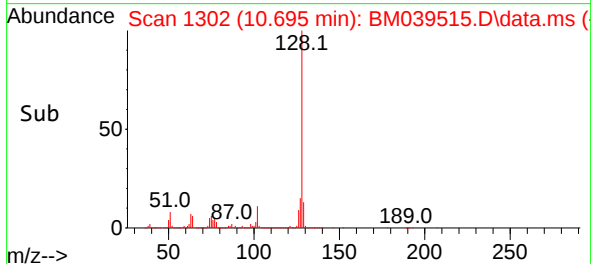
Instrument :
BNA_M
ClientSampleId :
DCBM2DL2



Tgt Ion:128 Resp:17427486
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 15.4 10.5 15.7

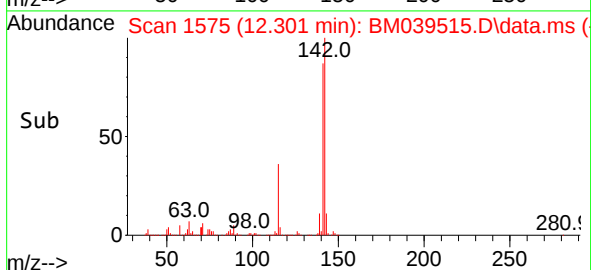
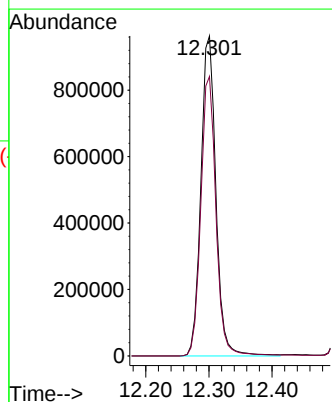
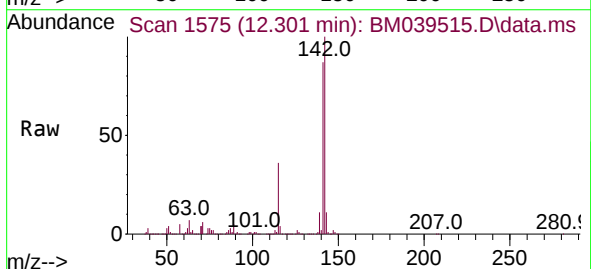
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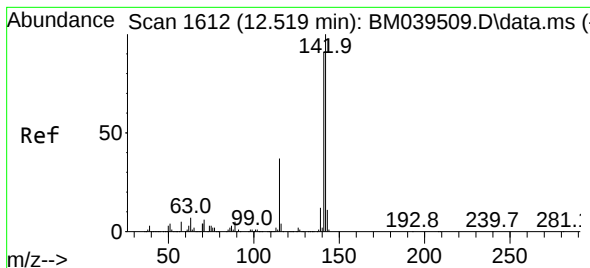
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#36
2-Methylnaphthalene
Concen: 45.087 ng/ul
RT: 12.301 min Scan# 1575
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

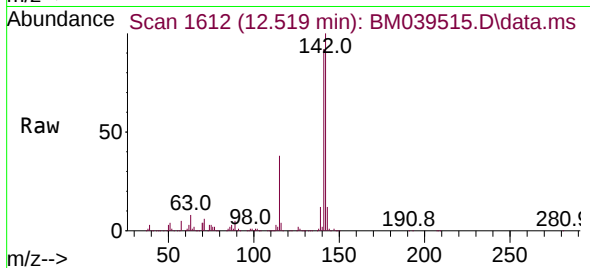
Tgt Ion:142 Resp: 1590215
Ion Ratio Lower Upper
142 100
141 87.3 71.1 106.7





#37
1-Methylnaphthalene
Concen: 21.461 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

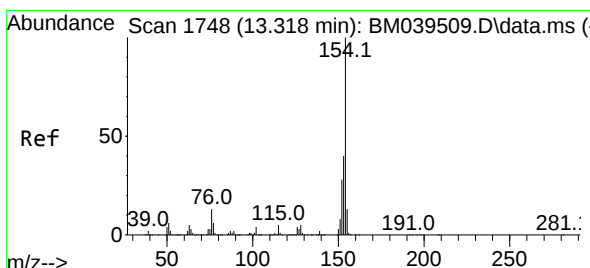
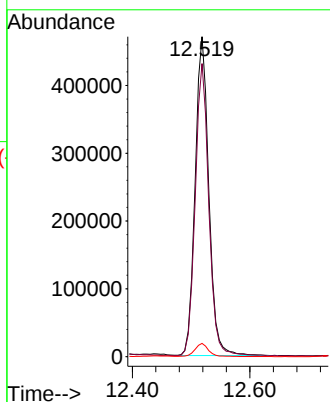
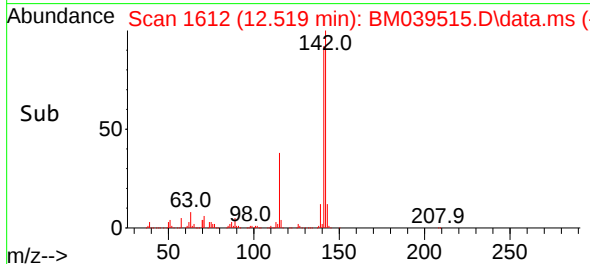
Instrument :
BNA_M
ClientSampleId :
DCBM2DL2



Tgt Ion:142 Resp: 760639
Ion Ratio Lower Upper
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141 91.6 72.0 108.0
116 4.1 3.2 4.8

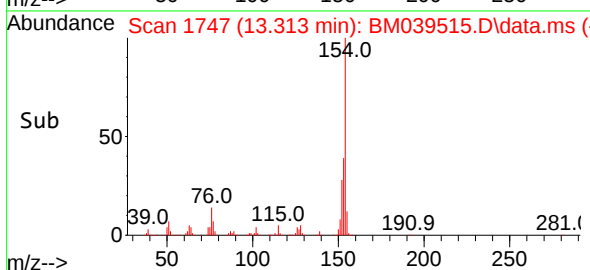
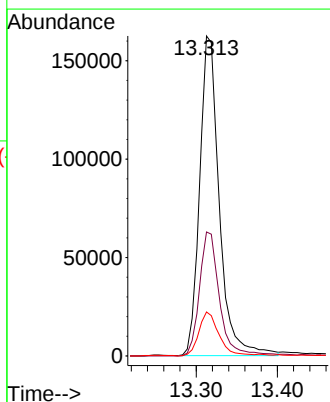
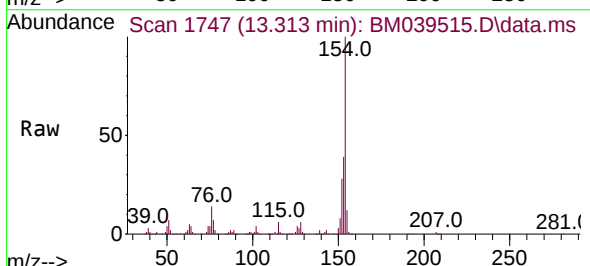
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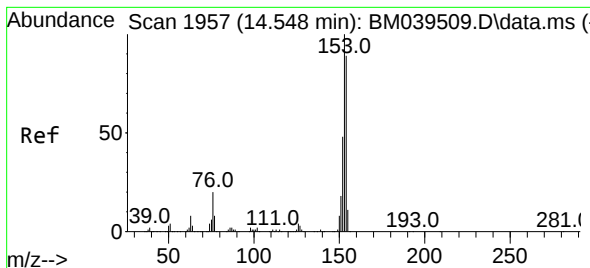
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#43
1,1'-Biphenyl
Concen: 5.616 ng/ul
RT: 13.313 min Scan# 1747
Delta R.T. -0.009 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

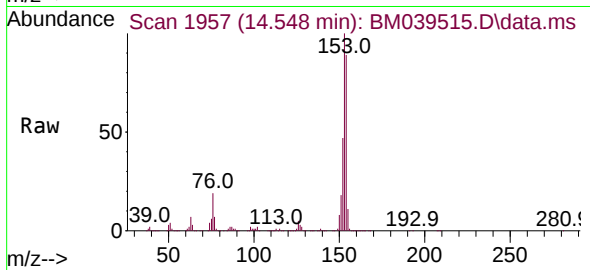
Tgt Ion:154 Resp: 273203
Ion Ratio Lower Upper
154 100
153 38.7 31.9 47.9
76 13.7 11.5 17.3





#52
Acenaphthene
Concen: 24.004 ng/ul
RT: 14.548 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

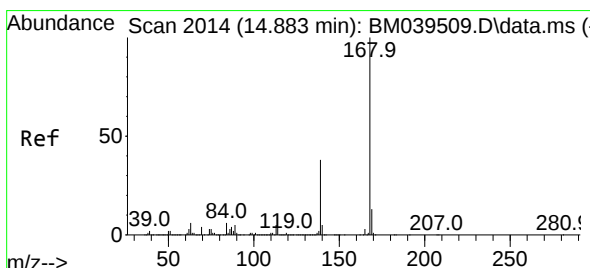
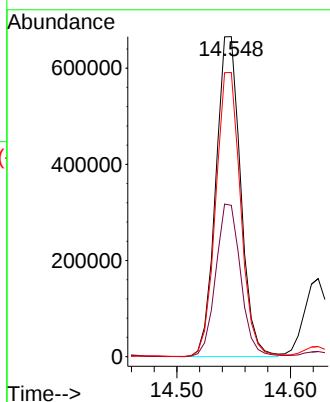
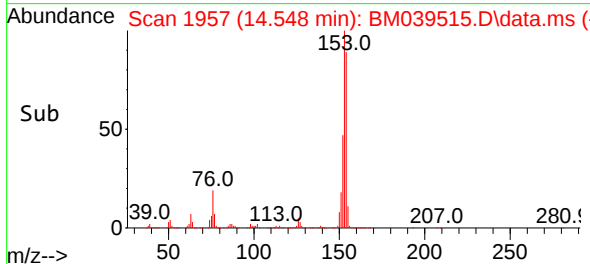
Instrument :
BNA_M
ClientSampleId :
DCBM2DL2



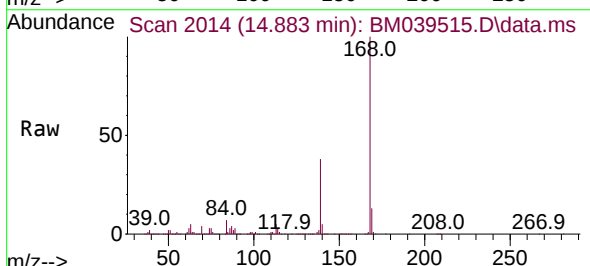
Tgt Ion:153 Resp: 1008240
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 88.8 71.0 106.4

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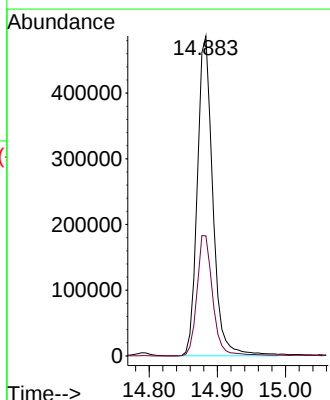
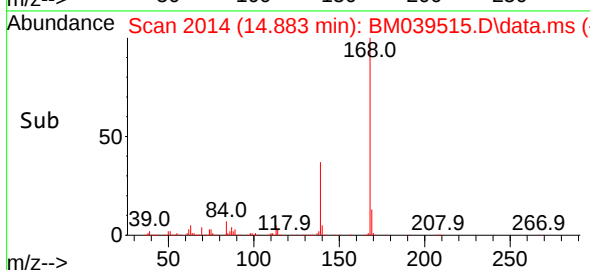
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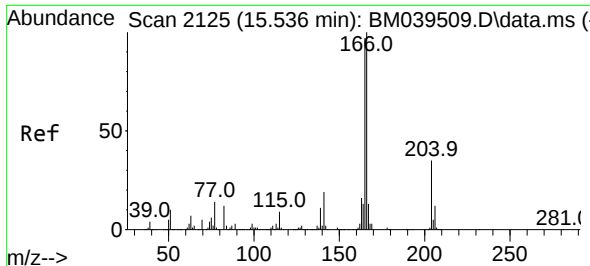


#56
Dibenzofuran
Concen: 13.472 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41



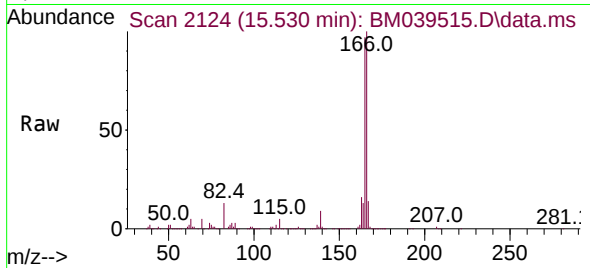
Tgt Ion:168 Resp: 769139
Ion Ratio Lower Upper
168 100
139 37.5 30.7 46.1





#61
Fluorene
Concen: 8.650 ng/ul
RT: 15.530 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

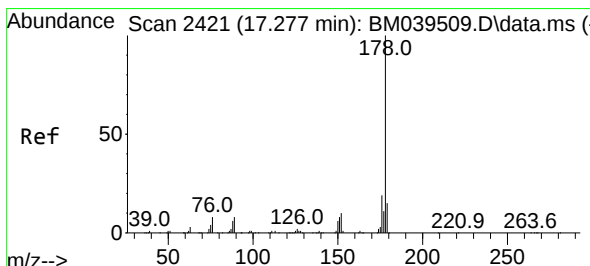
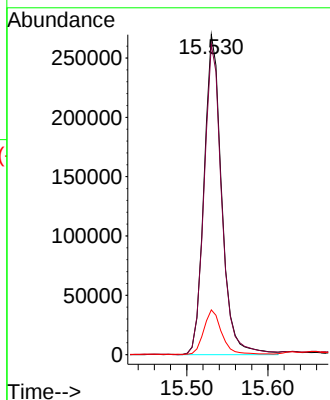
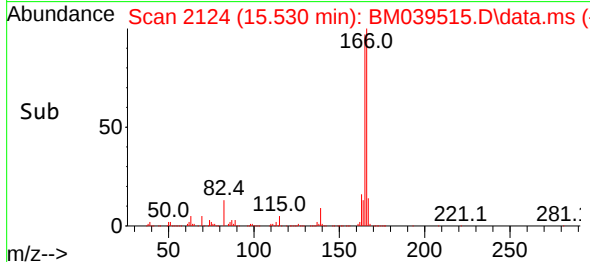
Instrument :
BNA_M
ClientSampleId :
DCBM2DL2



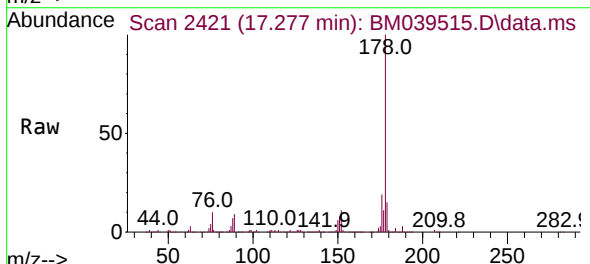
Tgt Ion:166 Resp: 408508
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 14.0 10.7 16.1

Manual Integrations
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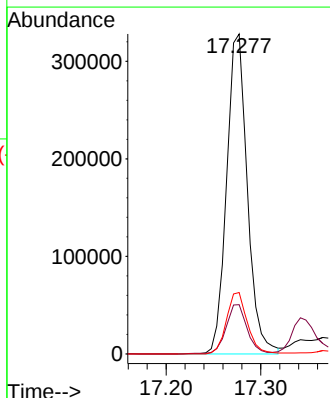
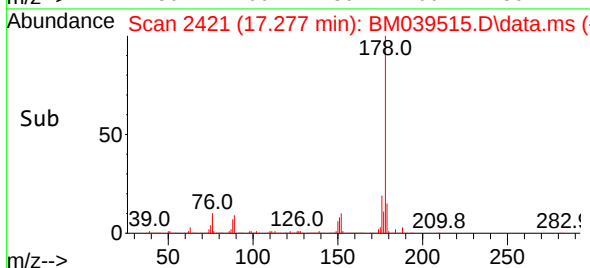
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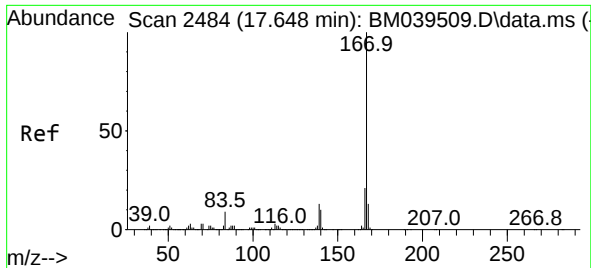


#72
Phenanthrene
Concen: 6.883 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41



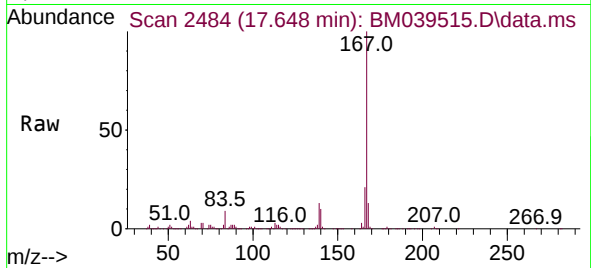
Tgt Ion:178 Resp: 499984
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.2 15.8 23.8





#77
 Carbazole
 Concen: 10.651 ng/ul
 RT: 17.648 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BM039515.D
 Acq: 20 Apr 2023 03:41

Instrument :
 BNA_M
 ClientSampleId :
 DCBM2DL2



Tgt Ion:167	Resp:	689700
Ion	Ratio	Lower Upper
167	100	
166	20.9	17.0 25.4
139	12.8	10.6 15.8

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