

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048439.D
 Acq On : 04 Nov 2024 22:40
 Operator : RC/JU
 Sample : P4625-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 04 23:14:11 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 31 14:58:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	4888	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.480	136	15784	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.340	164	8243	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.086	188	16817m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.274	240	11915m	0.400	ng/ul	-0.02
23) Perylene-d12	23.501	264	9260m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	27785	4.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.080	152	7016	0.349	ng/ul	-0.06
18) Fluoranthene-d10	19.114	212	16442	0.544	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.530	128	3891926	94.357	ng/ul	96
7) 2-Methylnaphthalene	12.152	142	134971	5.499	ng/ul	97
8) 1-Methylnaphthalene	12.372	142	242986	9.289	ng/ul	96
10) Acenaphthylene	14.058	152	8283	0.260	ng/ul#	78
11) Acenaphthene	14.400	153	450704	17.648	ng/ul	98
12) Fluorene	15.390	166	148412	5.226	ng/ul	99
15) Phenanthrene	17.124	178	6726m	0.161	ng/ul	
16) Anthracene	17.217	178	5268m	0.135	ng/ul	
19) Fluoranthene	19.146	202	1682	0.041	ng/ul#	78

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

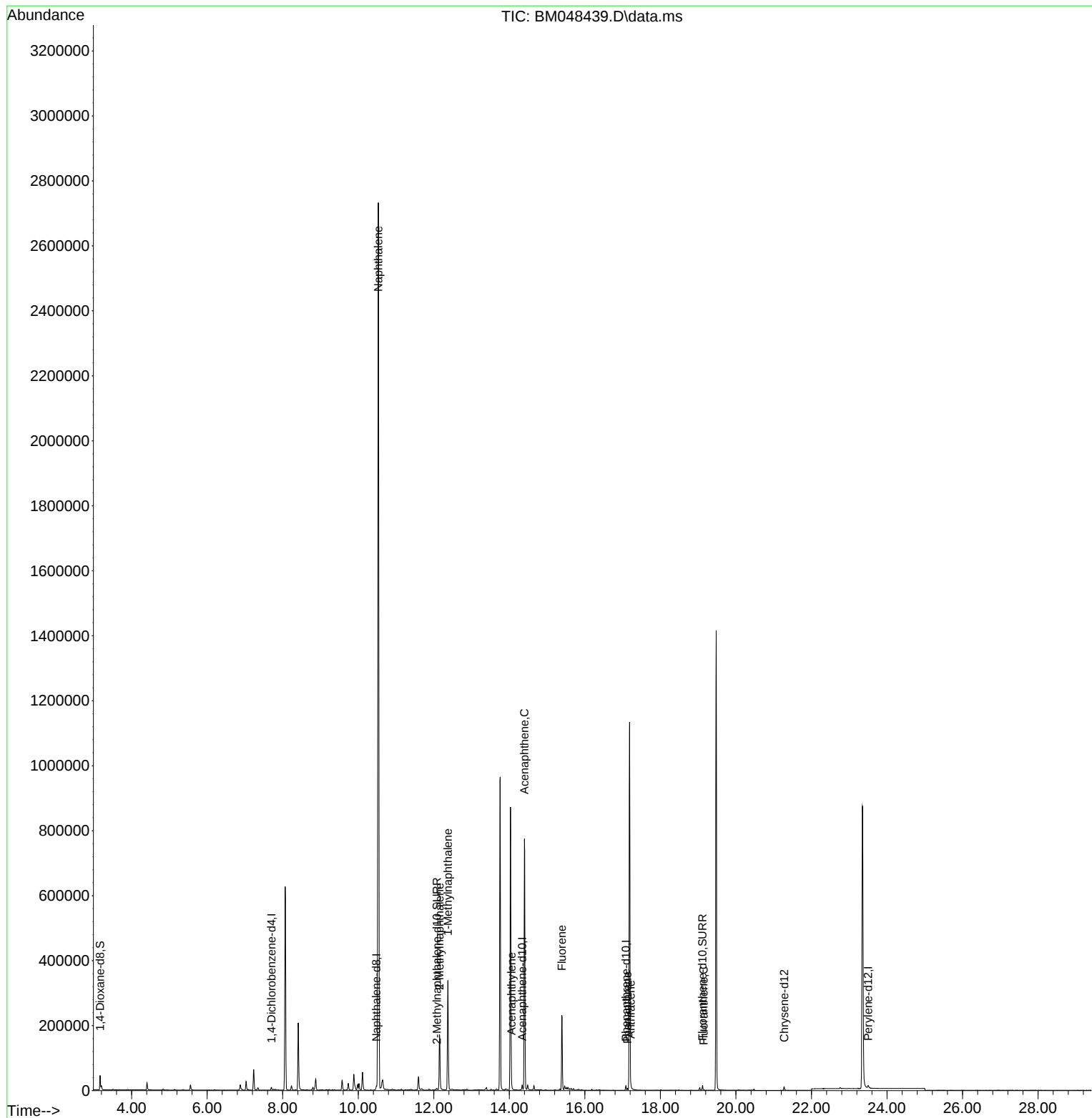
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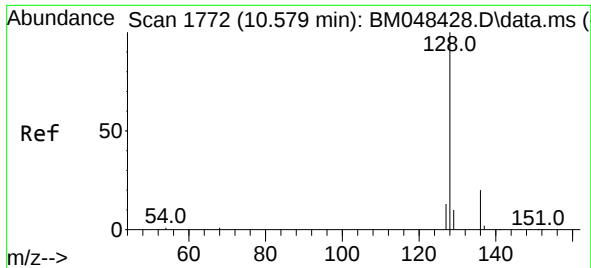
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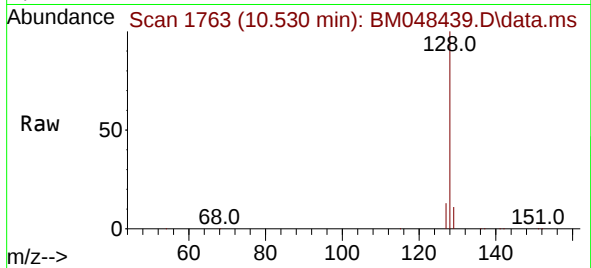
Quant Time: Nov 04 23:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 94.357 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. -0.050 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

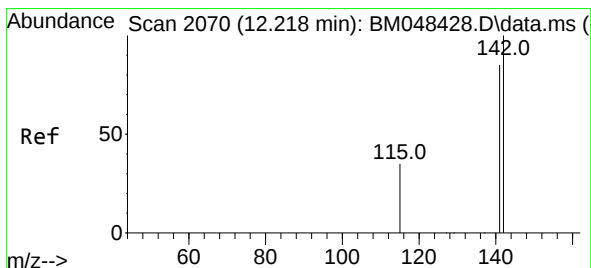
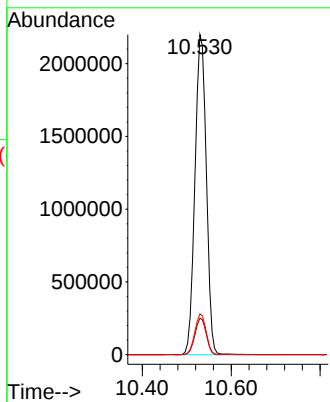
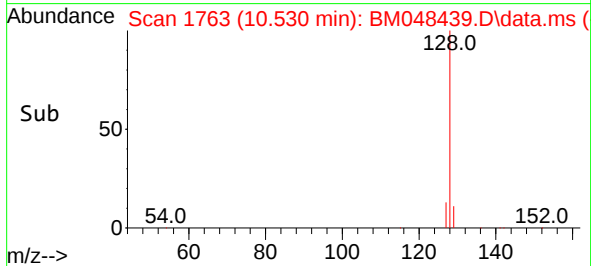
Instrument :
BNA_M
ClientSampleId :
C0AB6



Tgt Ion:128 Resp: 3891920
Ion Ratio Lower Upper
128 100
129 11.4 10.6 15.8
127 12.7 11.4 17.2

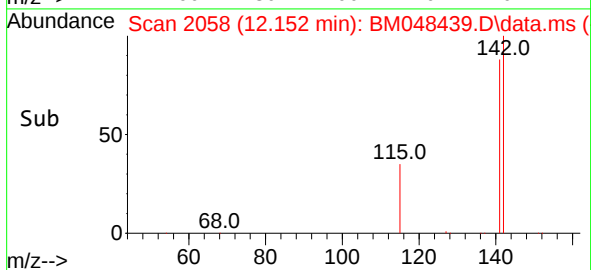
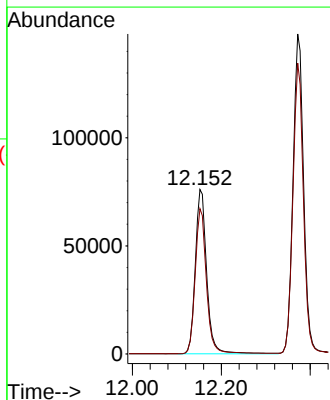
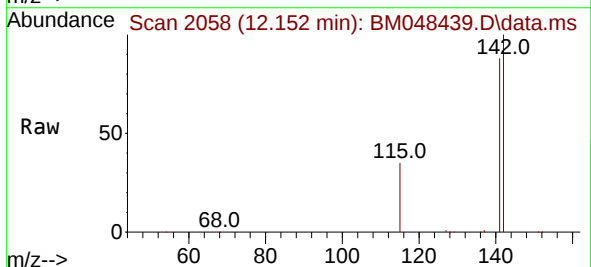
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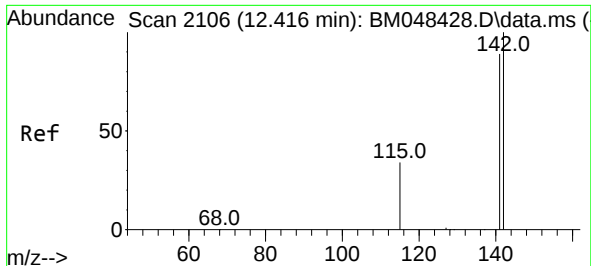
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Supervised By :mohammad ahmed 11/06/2024



#7
2-Methylnaphthalene
Concen: 5.499 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.061 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

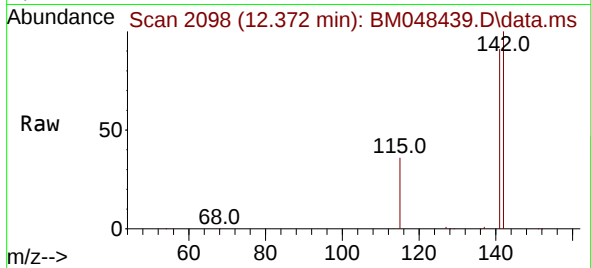
Tgt Ion:142 Resp: 134971
Ion Ratio Lower Upper
142 100
141 87.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 9.289 ng/ul
RT: 12.372 min Scan# 2098
Delta R.T. -0.044 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

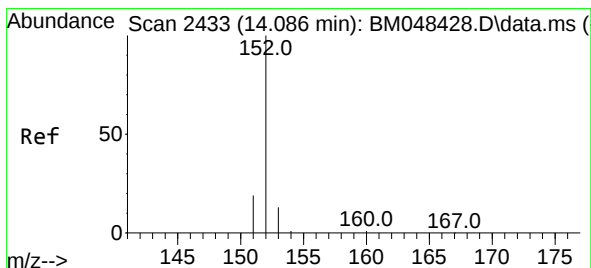
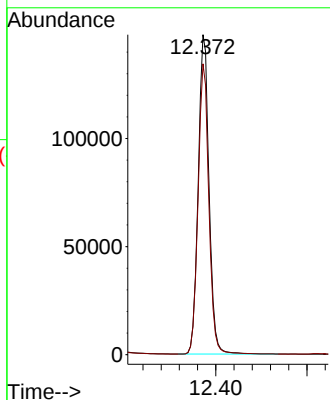
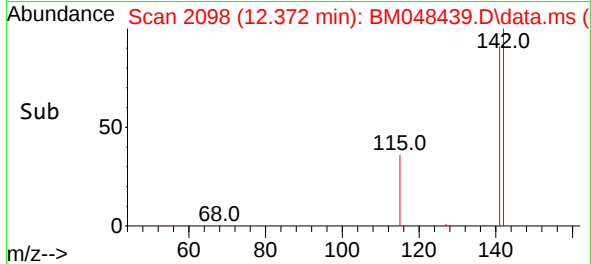
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ClientSampleId :
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Tgt Ion:142 Resp: 24298
Ion Ratio Lower Upper
142 100
141 90.5 75.5 113.3

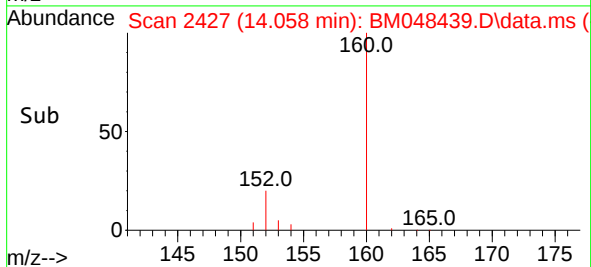
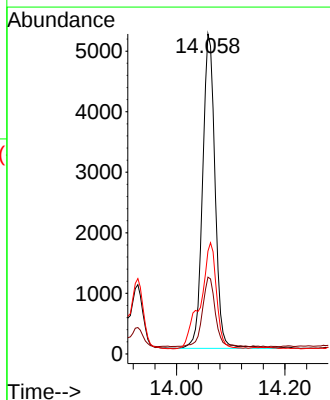
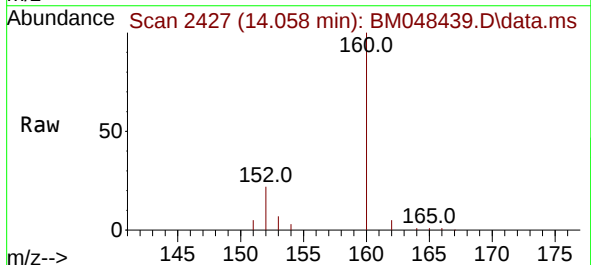
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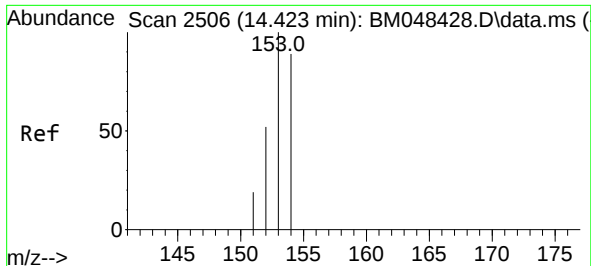
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Supervised By :mohammad ahmed 11/06/2024



#10
Acenaphthylene
Concen: 0.260 ng/ul
RT: 14.058 min Scan# 2427
Delta R.T. -0.032 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

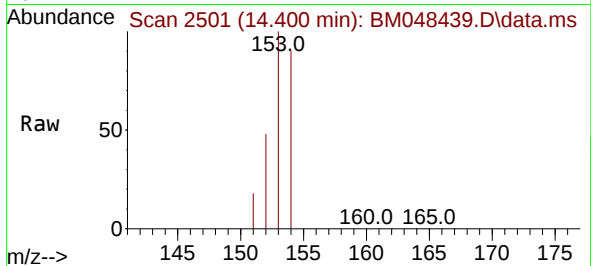
Tgt Ion:152 Resp: 8283
Ion Ratio Lower Upper
152 100
151 24.0 16.6 24.8
153 32.1 11.8 17.6#





#11
Acenaphthene
Concen: 17.648 ng/ul
RT: 14.400 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

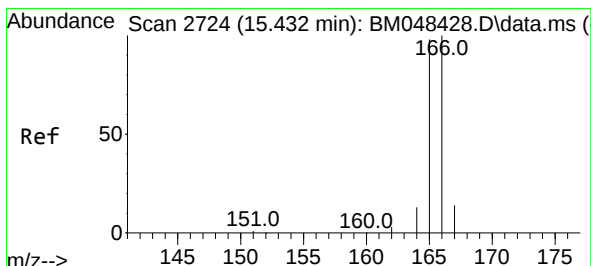
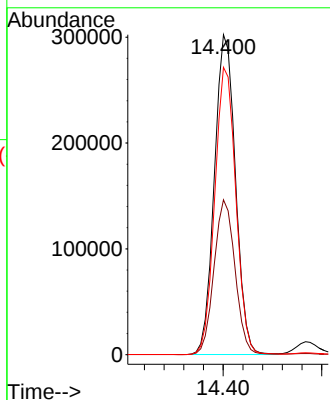
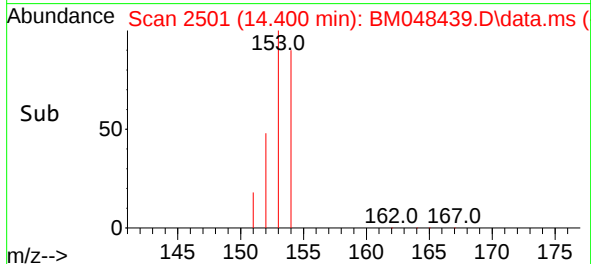
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 450704
Ion Ratio Lower Upper
153 100
152 48.4 40.7 61.1
154 89.8 70.6 106.0

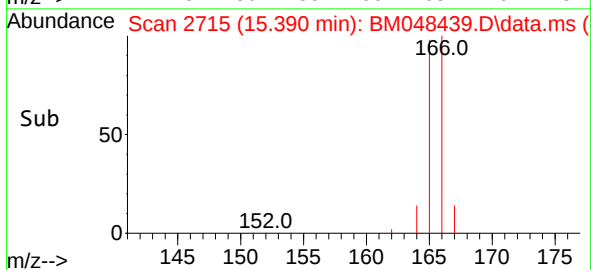
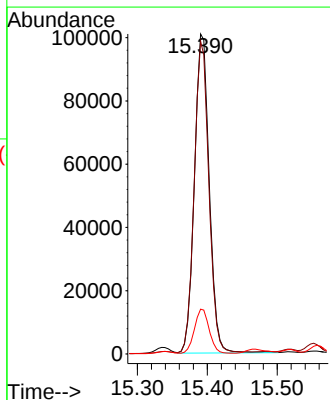
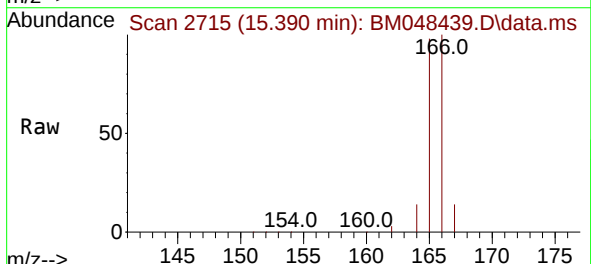
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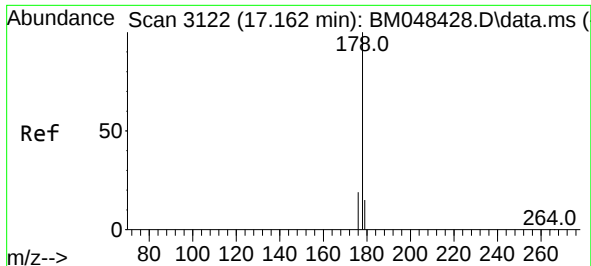
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#12
Fluorene
Concen: 5.226 ng/ul
RT: 15.390 min Scan# 2715
Delta R.T. -0.042 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

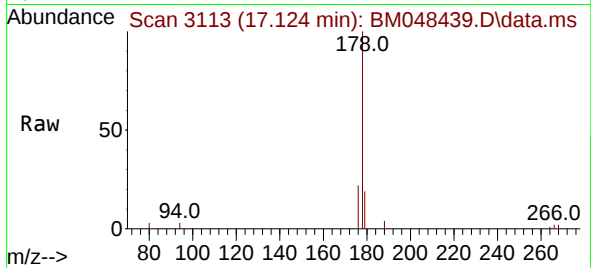
Tgt Ion:166 Resp: 148412
Ion Ratio Lower Upper
166 100
165 97.7 78.6 118.0
167 14.0 12.1 18.1





#15
Phenanthrene
Concen: 0.161 ng/ul m
RT: 17.124 min Scan# 3113
Delta R.T. -0.034 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

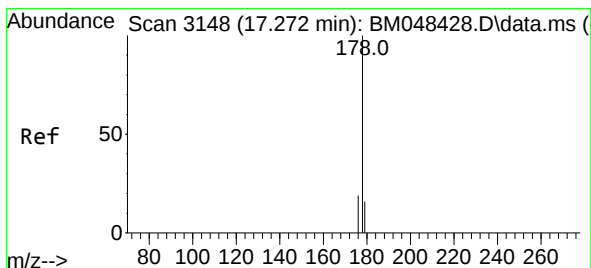
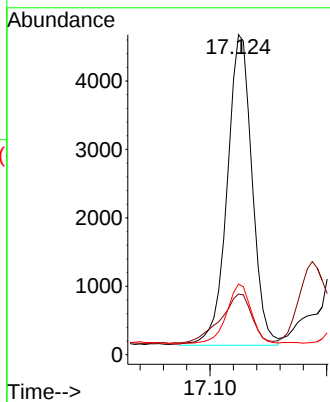
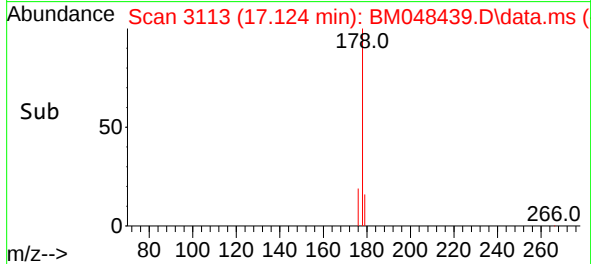
Instrument :
BNA_M
ClientSampleId :
C0AB6



Tgt Ion:178 Resp: 6720
Ion Ratio Lower Upper
178 100
179 19.0 13.9 20.9
176 22.1 16.0 24.0

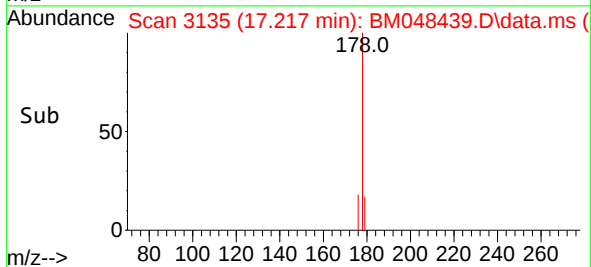
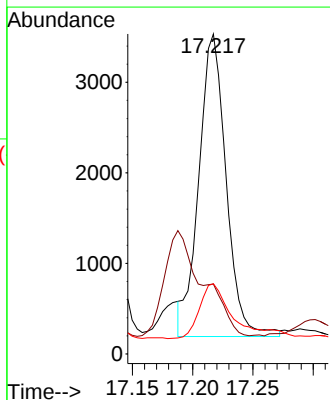
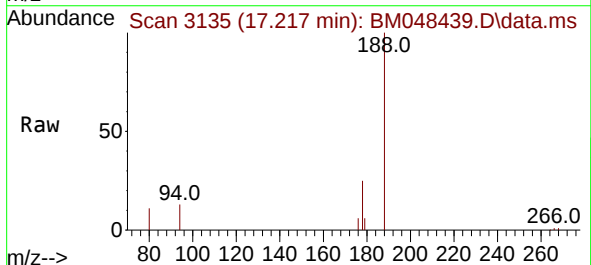
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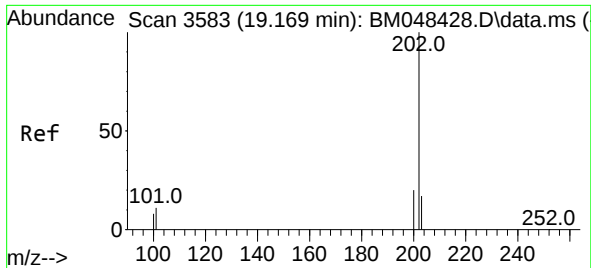
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#16
Anthracene
Concen: 0.135 ng/ul m
RT: 17.217 min Scan# 3135
Delta R.T. -0.042 min
Lab File: BM048439.D
Acq: 04 Nov 2024 22:40

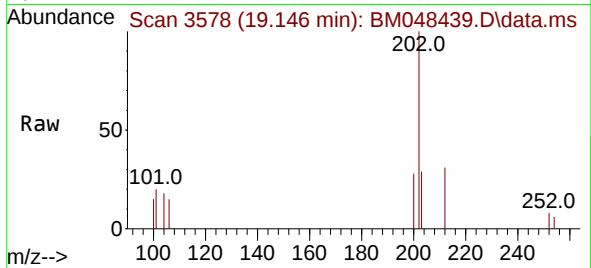
Tgt Ion:178 Resp: 5268
Ion Ratio Lower Upper
178 100
179 21.9 14.2 21.2#
176 22.0 15.8 23.6





#19
 Fluoranthene
 Concen: 0.041 ng/ul
 RT: 19.146 min Scan# 3578
 Delta R.T. -0.023 min
 Lab File: BM048439.D
 Acq: 04 Nov 2024 22:40

Instrument :
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Tgt Ion:202 Resp: 1682
 Ion Ratio Lower Upper
 202 100
 101 20.1 9.0 13.4
 100 15.3 6.6 10.0

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