

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042046.D
 Acq On : 25 Sep 2023 23:25
 Operator : MA/JU
 Sample : 04429-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK38

Quant Time: Sep 26 02:20:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

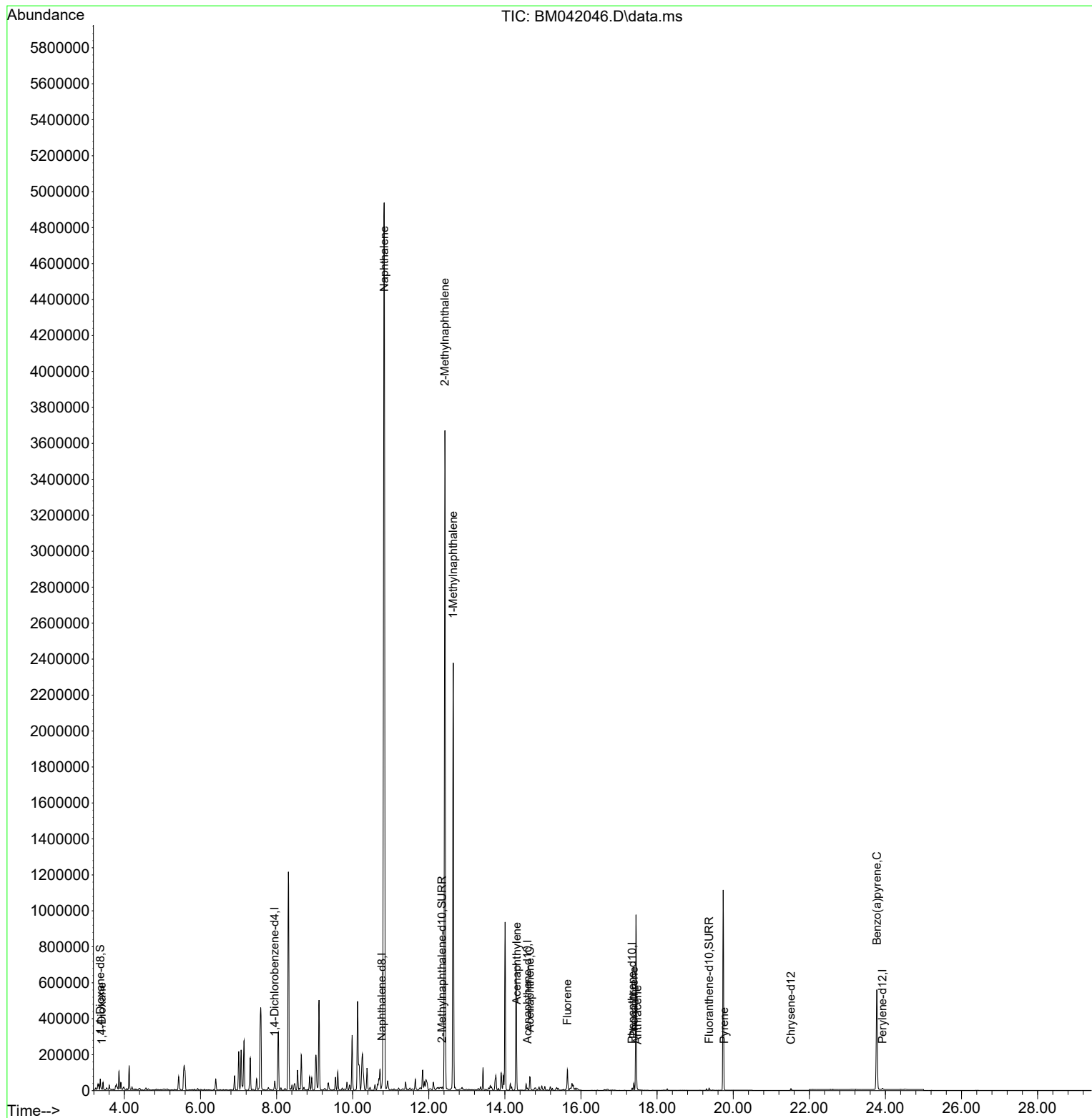
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5017	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	12064	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.592	164	6120	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.345	188	13911	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	7759	0.400	ng/ul	# 0.00
23) Perylene-d12	23.924	264	8245	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	32279	4.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	5805	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	11577	0.362	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	1192	0.166	ng/ul#	1
5) Naphthalene	10.828	128	8652371	214.089	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	2778950	115.350	ng/ul	98
8) 1-Methylnaphthalene	12.643	142	1646777	67.330	ng/ul	98
10) Acenaphthylene	14.310	152	11647	0.284	ng/ul#	1
11) Acenaphthene	14.657	153	42332	1.347	ng/ul	98
12) Fluorene	15.642	166	70888	2.001	ng/ul	99
15) Phenanthrene	17.388	178	41739	0.647	ng/ul	99
16) Anthracene	17.481	178	2972	0.053	ng/ul#	80
20) Pyrene	19.766	202	2973	0.034	ng/ul#	87
26) Benzo(a)pyrene	23.775	252	4643	0.089	ng/ul#	46

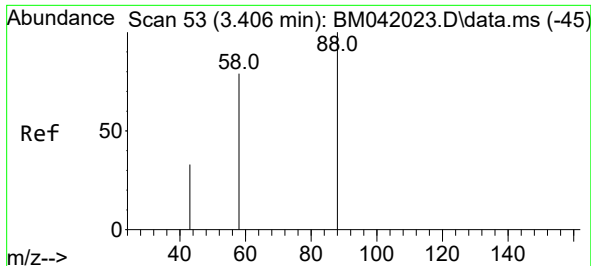
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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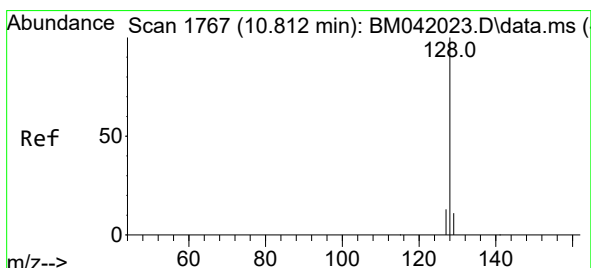
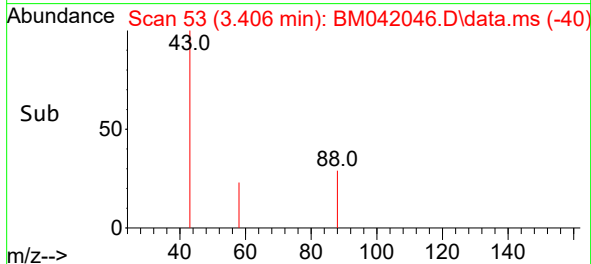
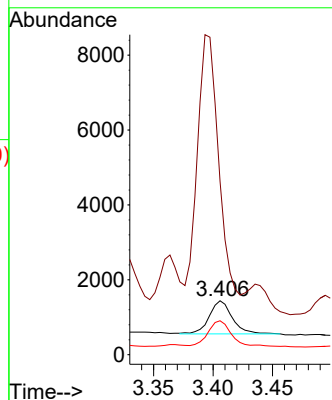
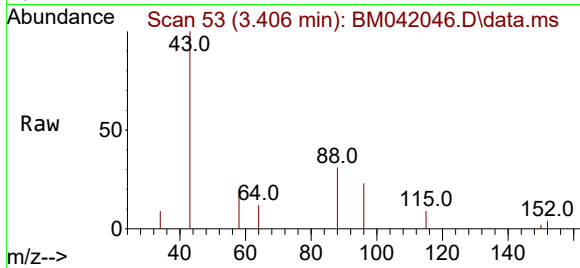




#2
1,4-Dioxane
Concen: 0.166 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

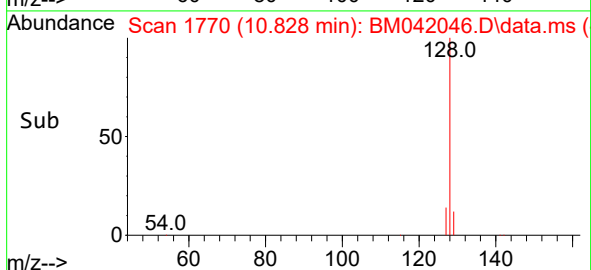
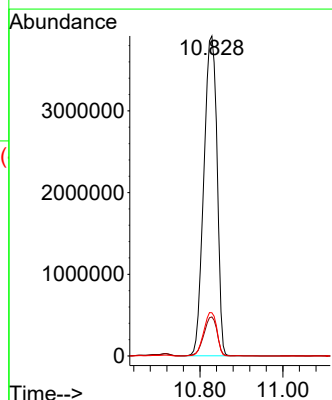
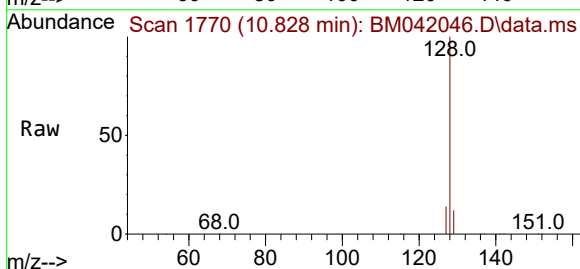
Instrument :
BNA_M
ClientSampleId :
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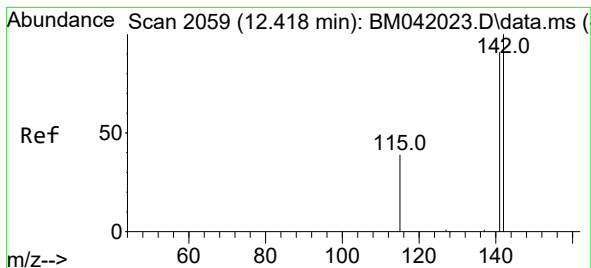
Tgt Ion: 88 Resp: 1192
Ion Ratio Lower Upper
88 100
43 321.7 42.9 64.3#
58 62.9 56.4 84.6



#5
Naphthalene
Concen: 214.089 ng/ul
RT: 10.828 min Scan# 1770
Delta R.T. 0.011 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

Tgt Ion:128 Resp: 8652371
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.5 10.8 16.2

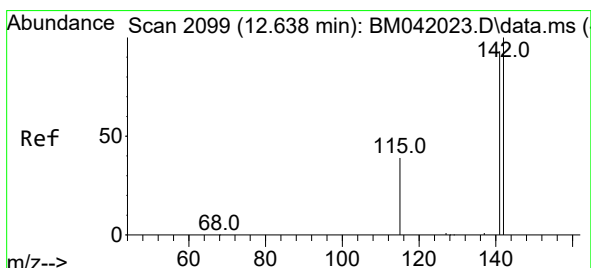
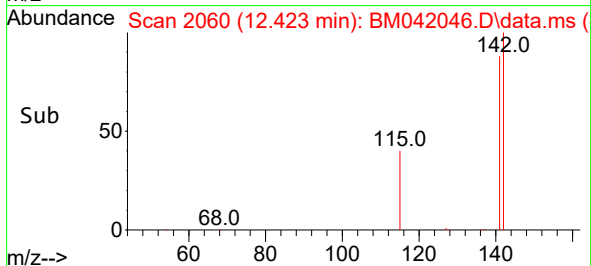
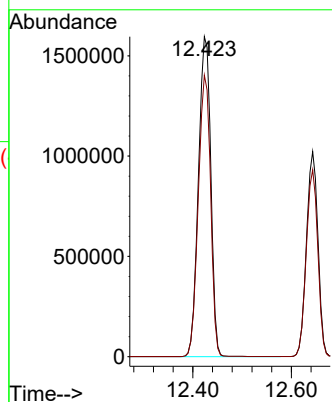
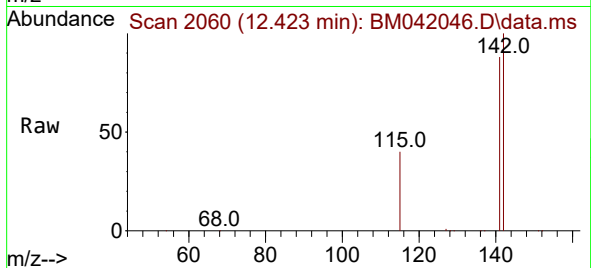




#7
2-Methylnaphthalene
Concen: 115.350 ng/ul
RT: 12.423 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

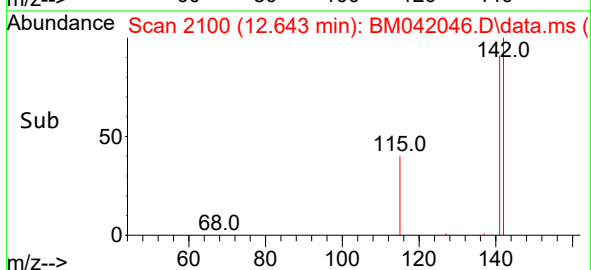
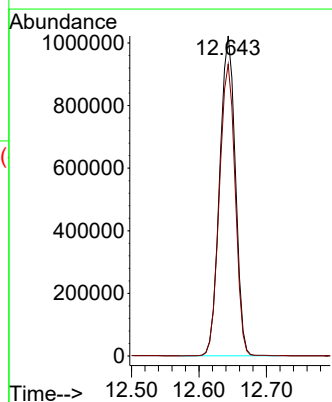
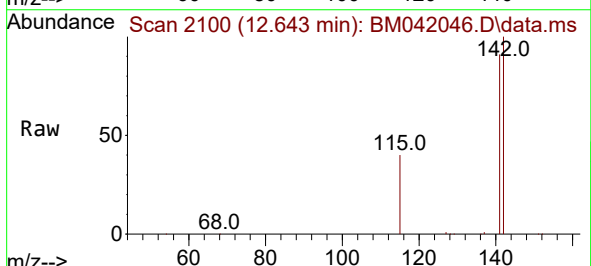
Instrument :
BNA_M
ClientSampleId :
BBK38

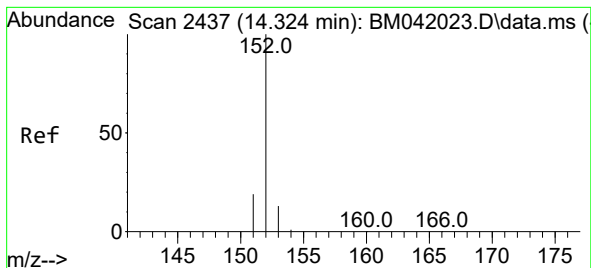
Tgt Ion:142 Resp: 2778950
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 67.330 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

Tgt Ion:142 Resp: 1646777
Ion Ratio Lower Upper
142 100
141 91.7 75.1 112.7





#10

Acenaphthylene

Concen: 0.284 ng/ul

RT: 14.310 min Scan# 2434

Delta R.T. -0.019 min

Lab File: BM042046.D

Acq: 25 Sep 2023 23:25

Instrument :

BNA_M

ClientSampleId :

BBK38

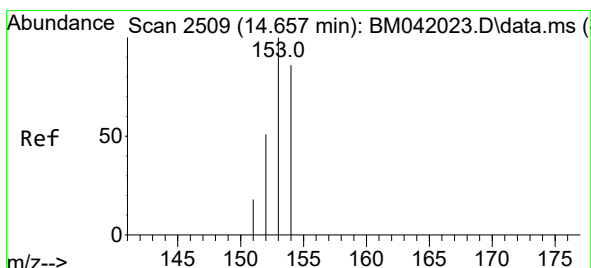
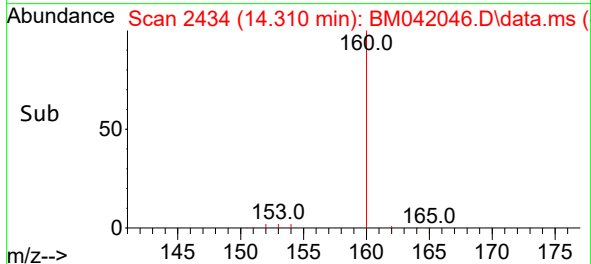
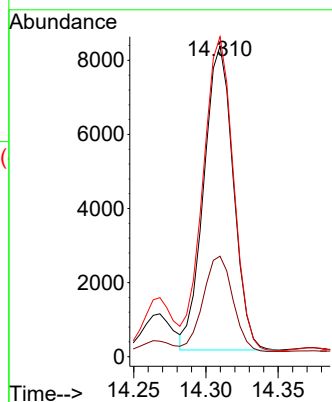
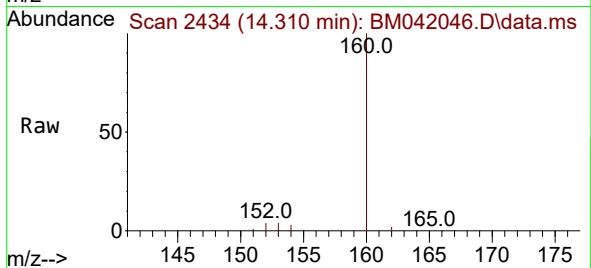
Tgt Ion:152 Resp: 11647

Ion Ratio Lower Upper

152 100

151 32.3 16.2 24.4#

153 103.0 10.8 16.2#



#11

Acenaphthene

Concen: 1.347 ng/ul

RT: 14.657 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BM042046.D

Acq: 25 Sep 2023 23:25

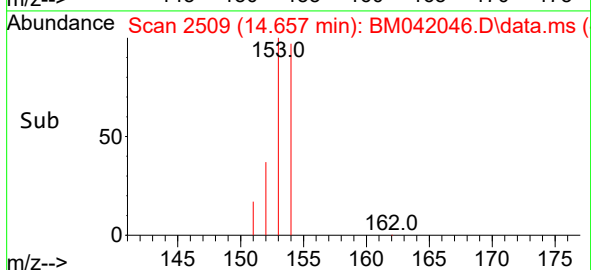
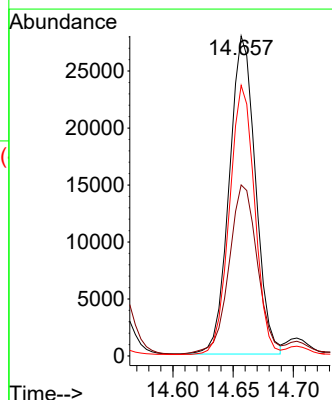
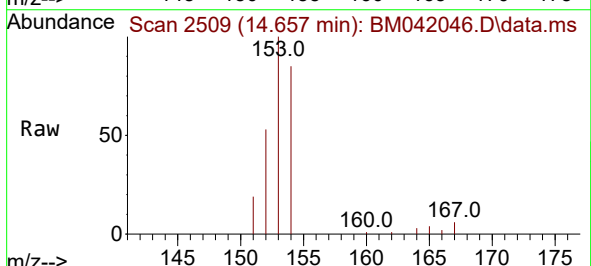
Tgt Ion:153 Resp: 42332

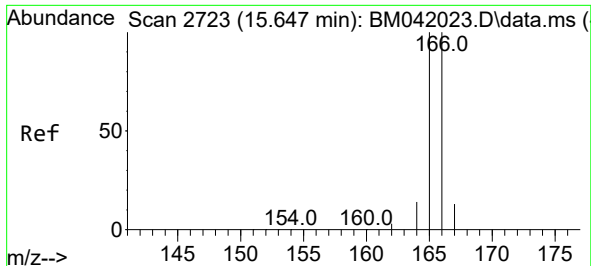
Ion Ratio Lower Upper

153 100

152 53.5 41.8 62.8

154 84.5 69.0 103.6

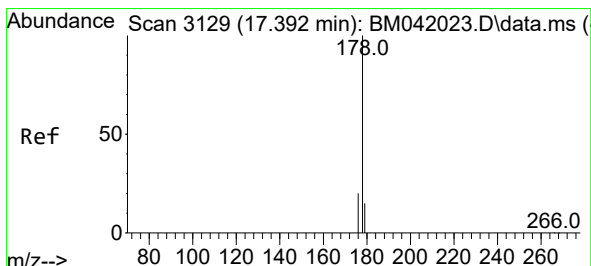
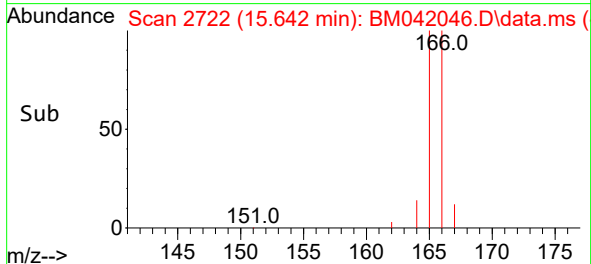
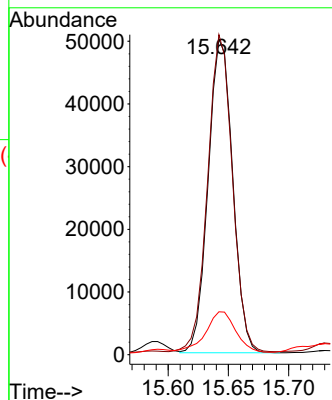
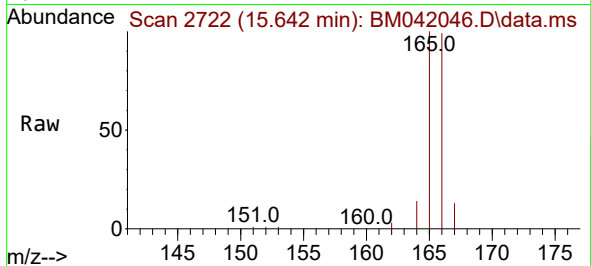




#12
Fluorene
Concen: 2.001 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

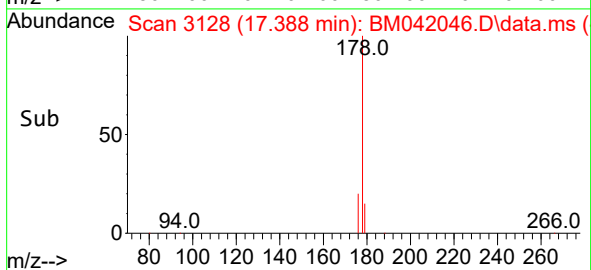
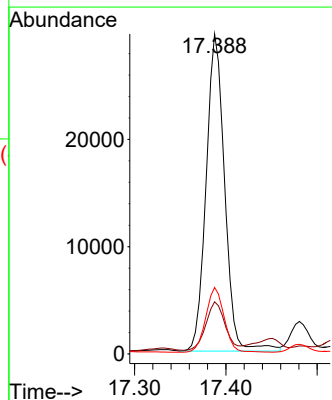
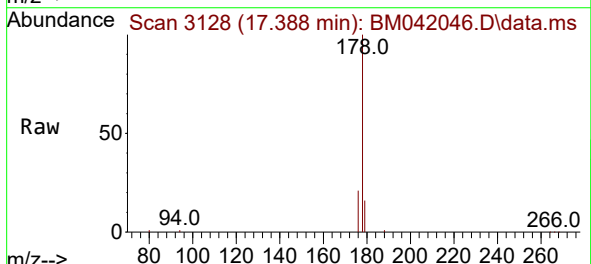
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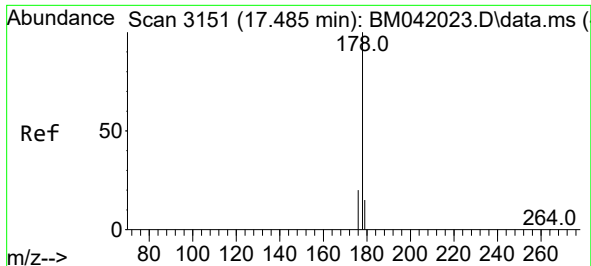
Tgt Ion:166 Resp: 70888
Ion Ratio Lower Upper
166 100
165 101.4 79.8 119.8
167 13.6 11.1 16.7



#15
Phenanthrene
Concen: 0.647 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

Tgt Ion:178 Resp: 41739
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.8 16.6 24.8

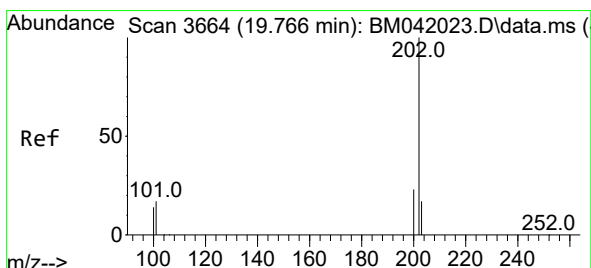
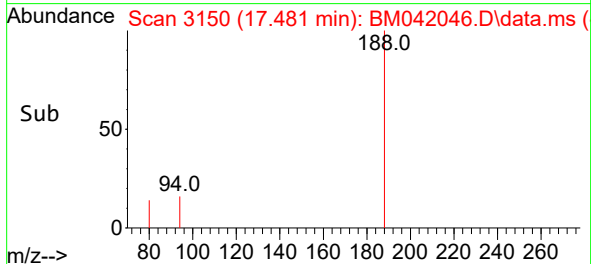
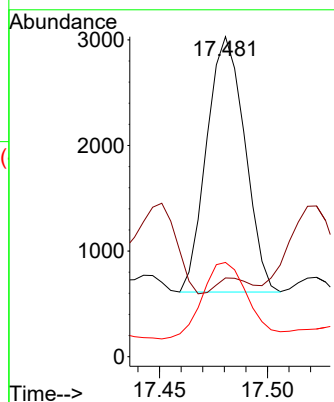
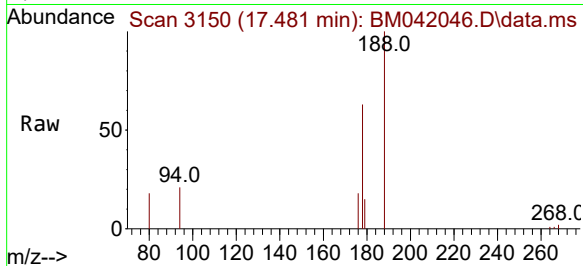




#16
 Anthracene
 Concen: 0.053 ng/ul
 RT: 17.481 min Scan# 3151
 Delta R.T. -0.008 min
 Lab File: BM042046.D
 Acq: 25 Sep 2023 23:25

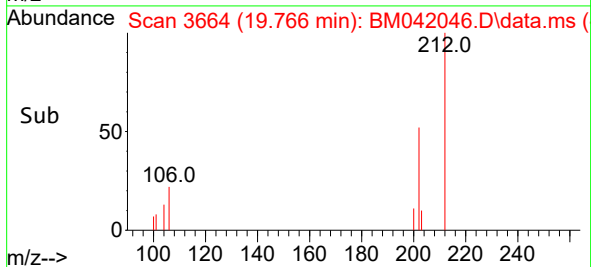
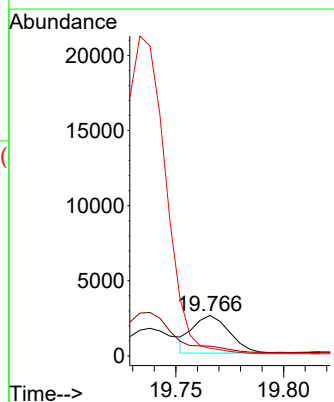
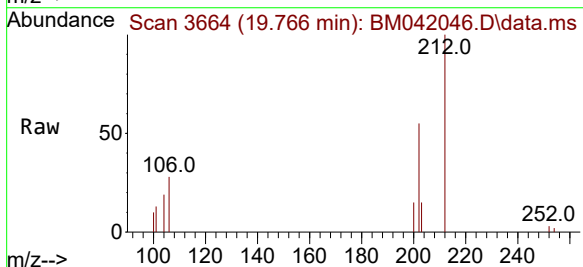
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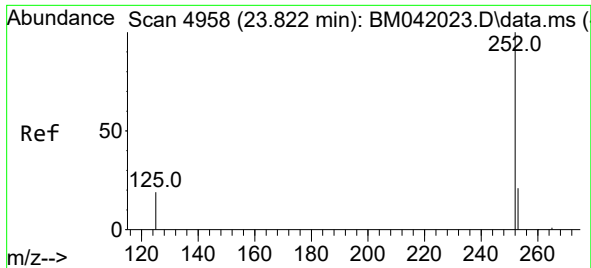
Tgt Ion:178 Resp: 2972
 Ion Ratio Lower Upper
 178 100
 179 24.6 12.9 19.3#
 176 29.5 16.2 24.2#



#20
 Pyrene
 Concen: 0.034 ng/ul
 RT: 19.766 min Scan# 3664
 Delta R.T. -0.005 min
 Lab File: BM042046.D
 Acq: 25 Sep 2023 23:25

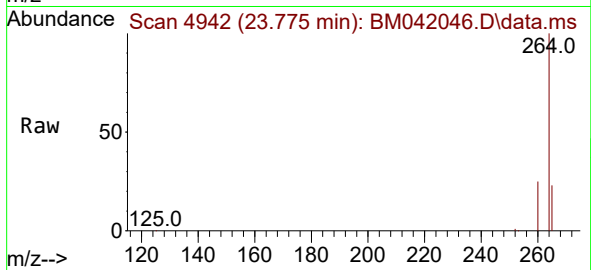
Tgt Ion:202 Resp: 2973
 Ion Ratio Lower Upper
 202 100
 101 24.1 14.1 21.1#
 100 18.9 11.4 17.0#





#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.775 min Scan# 4958
Delta R.T. -0.053 min
Lab File: BM042046.D
Acq: 25 Sep 2023 23:25

Instrument :
BNA_M
ClientSampleId :
BBK38



Tgt Ion:252 Resp: 4643
Ion Ratio Lower Upper
252 100
253 60.6 23.2 34.8#
125 53.9 22.5 33.7#

