

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041818.D
 Acq On : 12 Sep 2023 18:43
 Operator : MA/JU
 Sample : 04235-10DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:10:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

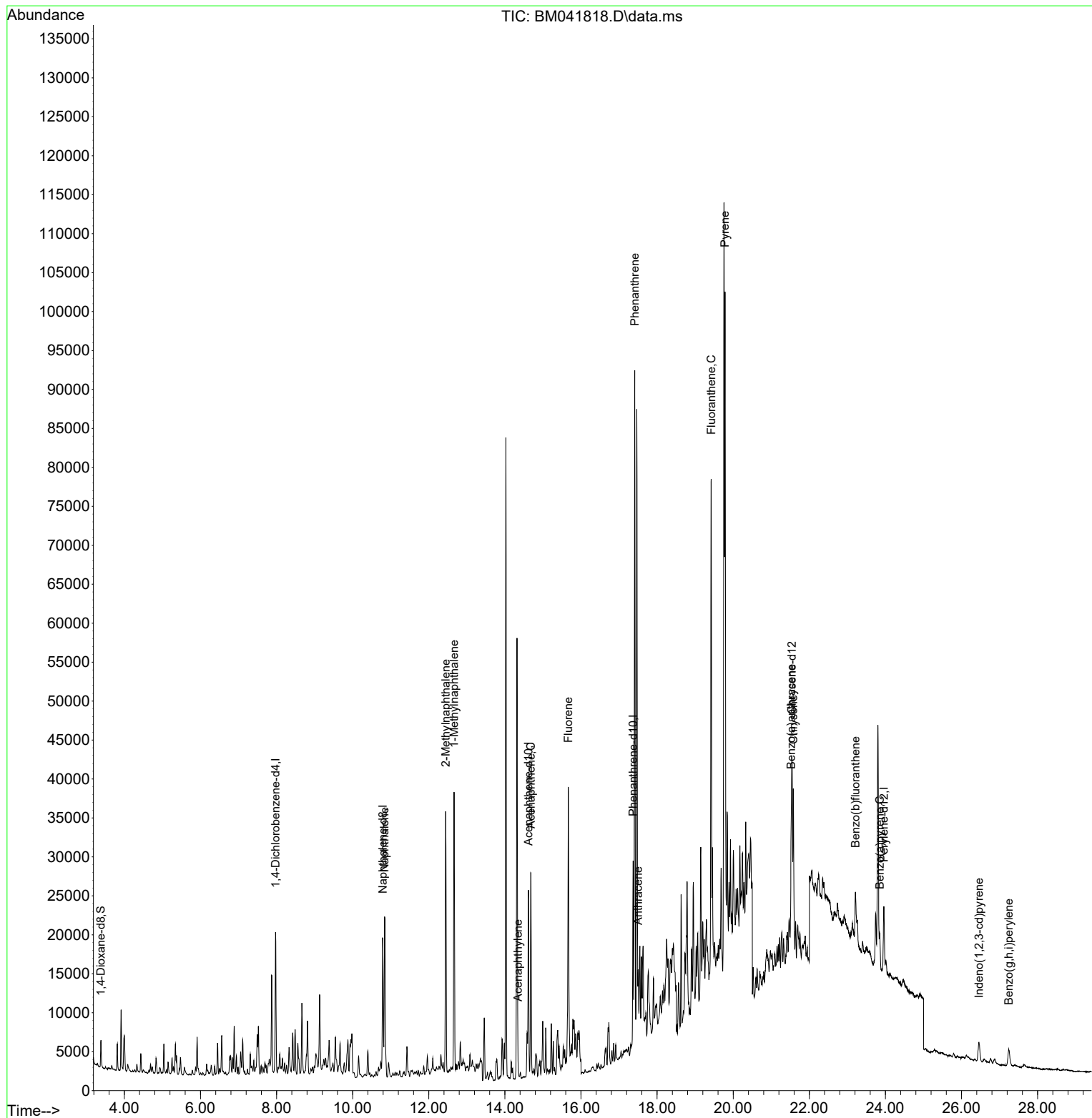
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8218	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	12275	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	25603	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	12291	0.400	ng/ul	# 0.00
23) Perylene-d12	23.959	264	11210	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	2146	0.171	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	496	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1079	0.018	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	28399	0.389	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	22414	0.541	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	23040	0.553	ng/ul	99
10) Acenaphthylene	14.342	152	1612	0.021	ng/ul#	35
11) Acenaphthene	14.680	153	15021	0.255	ng/ul	98
12) Fluorene	15.665	166	22183	0.335	ng/ul	97
15) Phenanthrene	17.413	178	90121	0.834	ng/ul	98
16) Anthracene	17.502	178	9735	0.105	ng/ul#	84
19) Fluoranthene	19.422	202	58666	0.404	ng/ul	98
20) Pyrene	19.785	202	67394	0.468	ng/ul#	91
21) Benzo(a)anthracene	21.524	228	12358	0.123	ng/ul#	56
22) Chrysene	21.580	228	15597	0.144	ng/ul#	57
24) Benzo(b)fluoranthene	23.214	252	10762	0.107	ng/ul#	1
26) Benzo(a)pyrene	23.851	252	6689	0.082	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.458	276	4250	0.038	ng/ul	97
29) Benzo(g,h,i)perylene	27.239	276	4585	0.046	ng/ul#	48

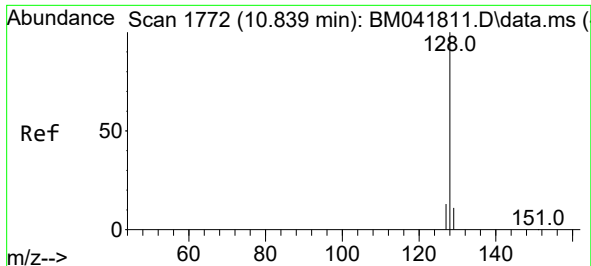
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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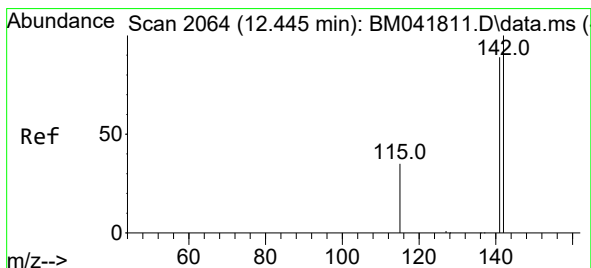
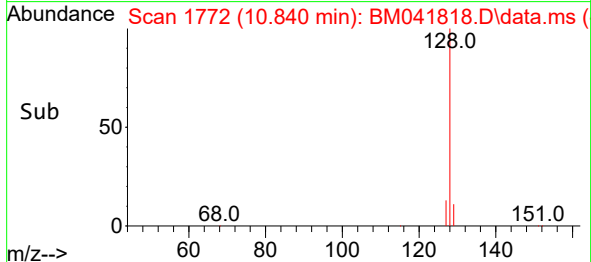
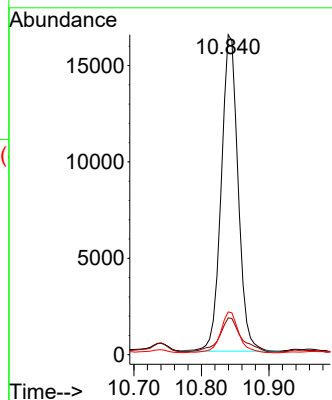
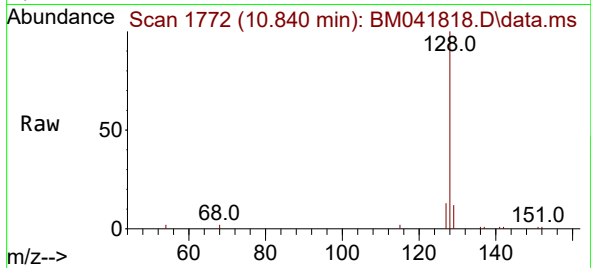




#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

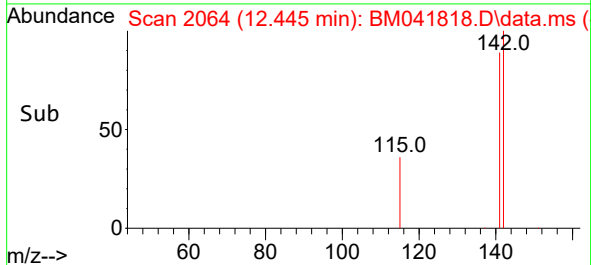
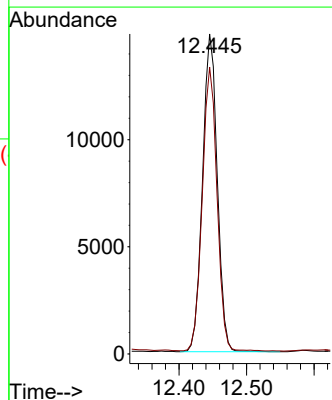
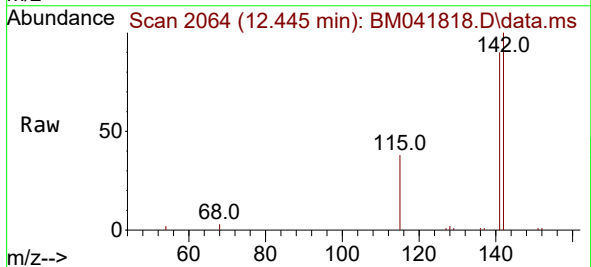
Instrument :
BNA_P
ClientSampleId :

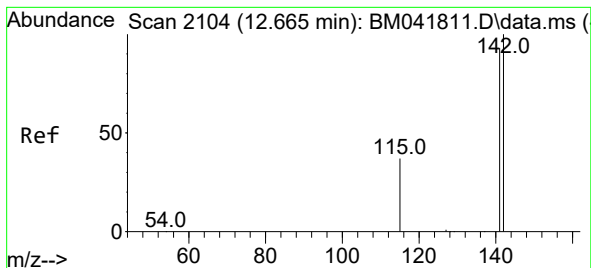
Tgt Ion:128 Resp: 28399
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.4 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.541 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

Tgt Ion:142 Resp: 22414
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.553 ng/ul

RT: 12.665 min Scan# 2104

Delta R.T. -0.006 min

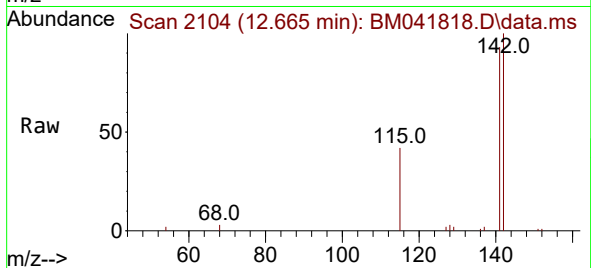
Lab File: BM041818.D

Acq: 12 Sep 2023 18:43

Instrument :

BNA_P

ClientSampleId :

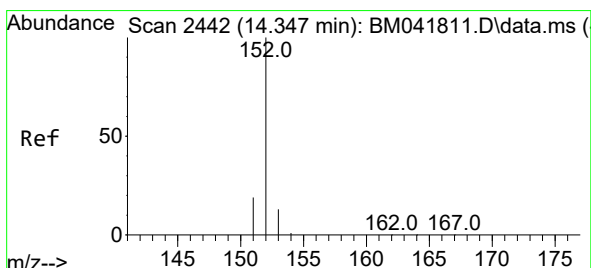
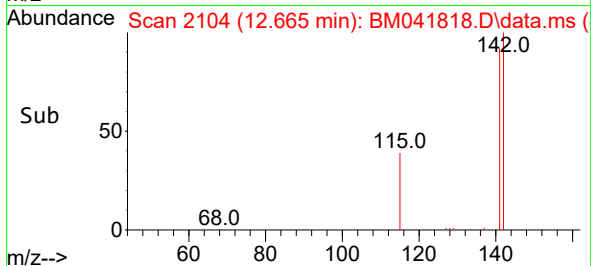
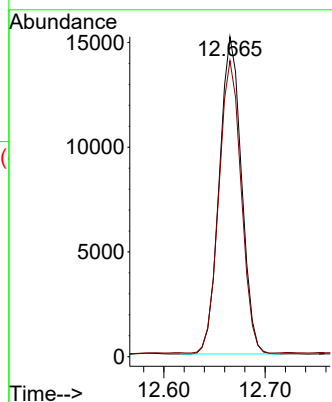


Tgt Ion:142 Resp: 23040

Ion Ratio Lower Upper

142 100

141 92.3 74.4 111.6



#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.342 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BM041818.D

Acq: 12 Sep 2023 18:43

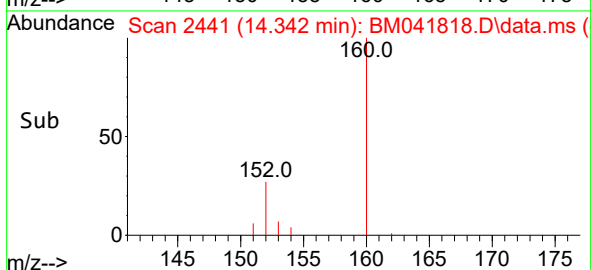
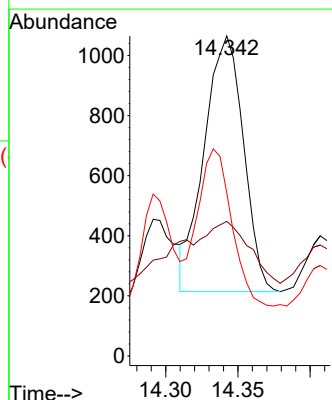
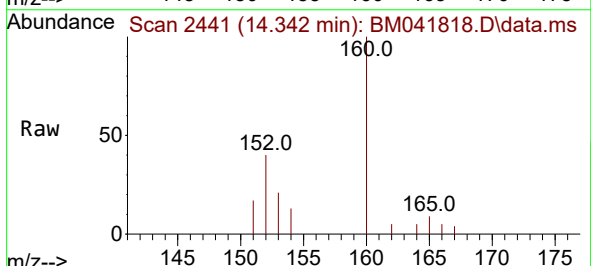
Tgt Ion:152 Resp: 1612

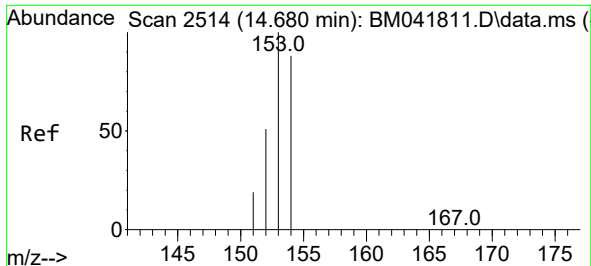
Ion Ratio Lower Upper

152 100

151 42.1 16.4 24.6#

153 51.0 11.1 16.7#

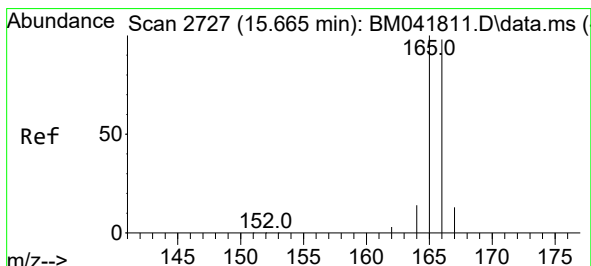
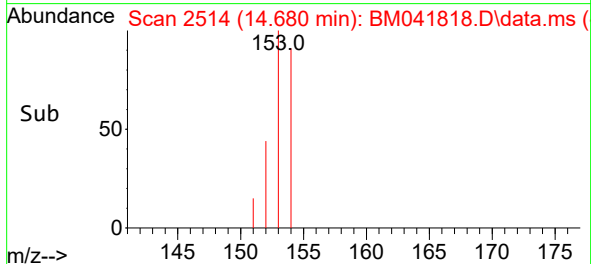
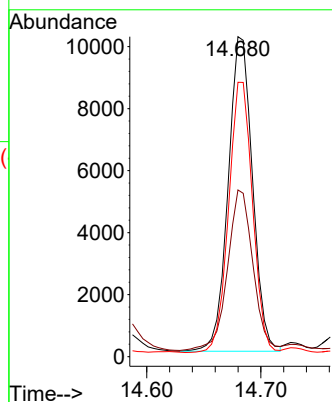
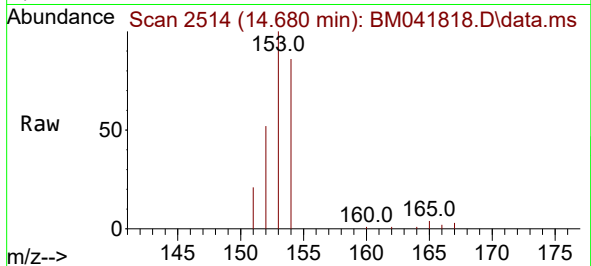




#11
Acenaphthene
Concen: 0.255 ng/ul
RT: 14.680 min Scan# 214
Delta R.T. -0.005 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

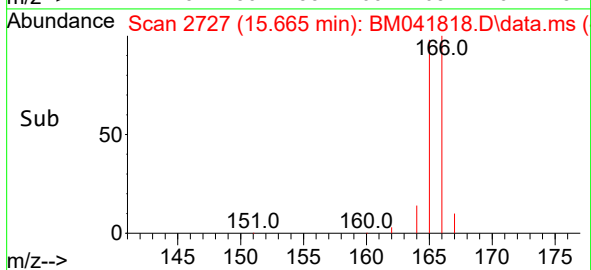
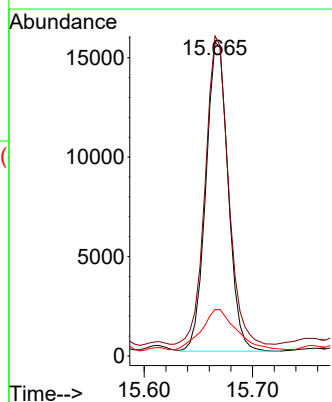
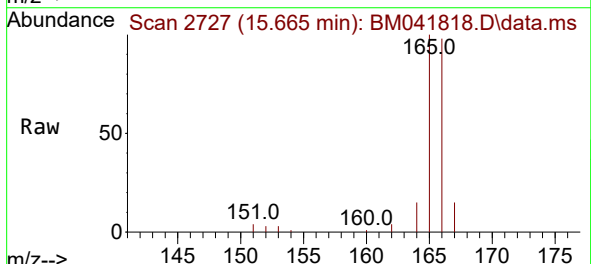
Instrument :
BNA_P
ClientSampleId :

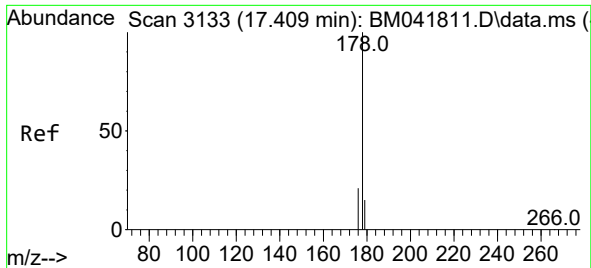
Tgt Ion:153 Resp: 15021
Ion Ratio Lower Upper
153 100
152 52.1 43.4 65.2
154 85.7 69.4 104.0



#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.665 min Scan# 2727
Delta R.T. -0.005 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

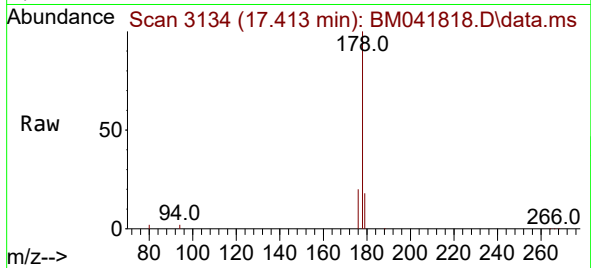
Tgt Ion:166 Resp: 22183
Ion Ratio Lower Upper
166 100
165 102.0 79.4 119.2
167 14.8 11.3 16.9



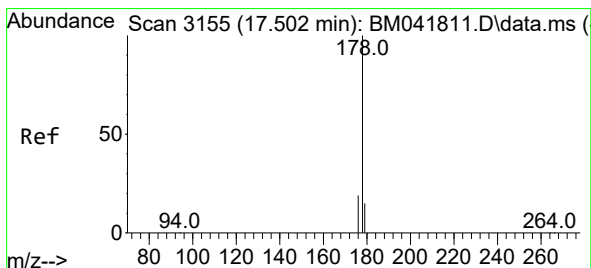
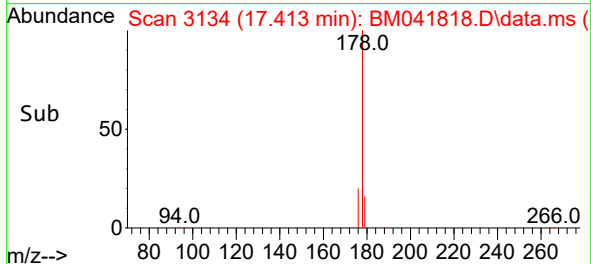
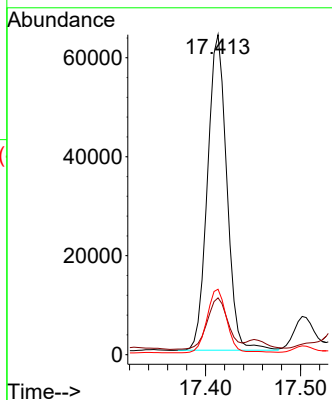


#15
Phenanthrene
Concen: 0.834 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

Instrument :
BNA_P
ClientSampleId :

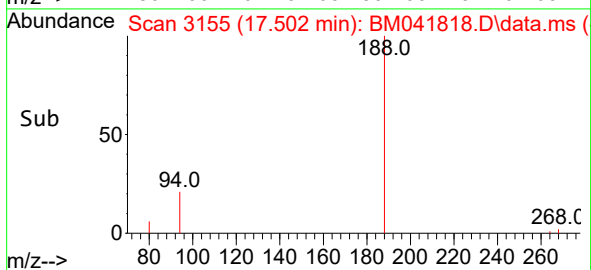
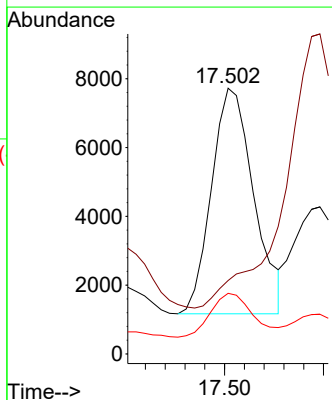
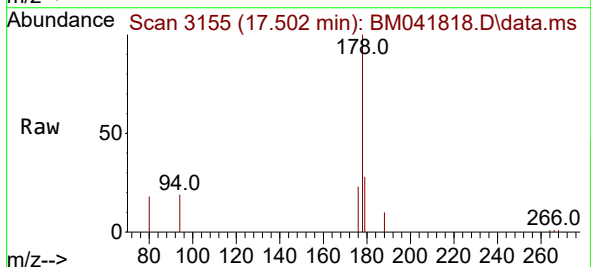


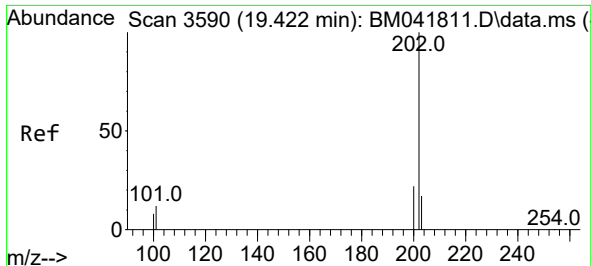
Tgt Ion:178 Resp: 90121
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 20.5 16.9 25.3



#16
Anthracene
Concen: 0.105 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

Tgt Ion:178 Resp: 9735
Ion Ratio Lower Upper
178 100
179 27.6 12.9 19.3#
176 22.9 15.8 23.8

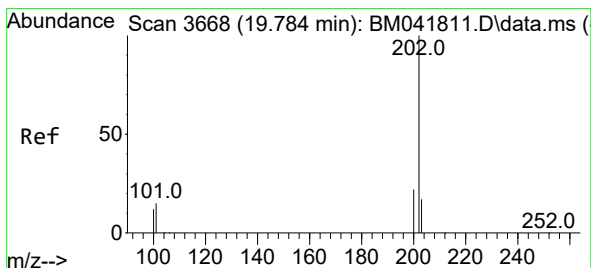
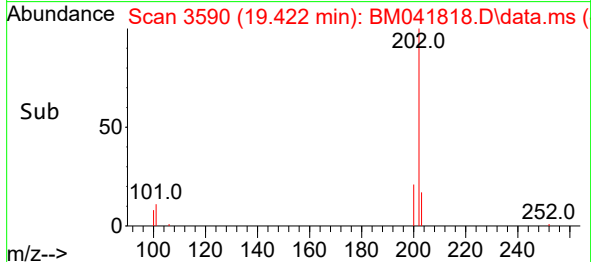
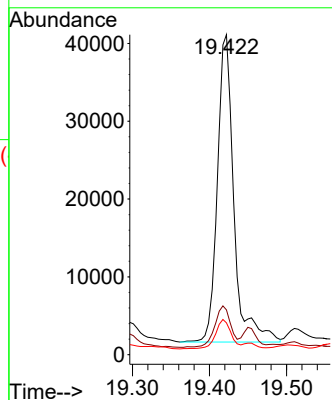
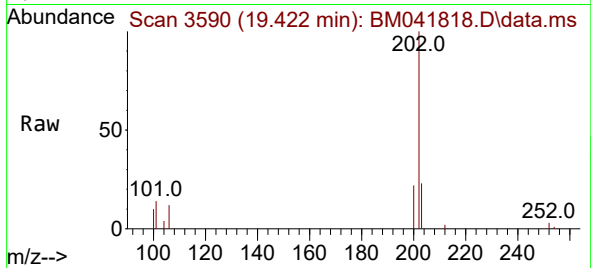




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

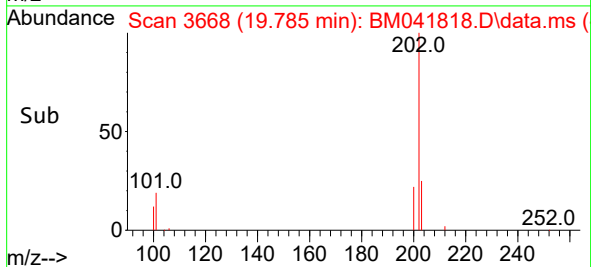
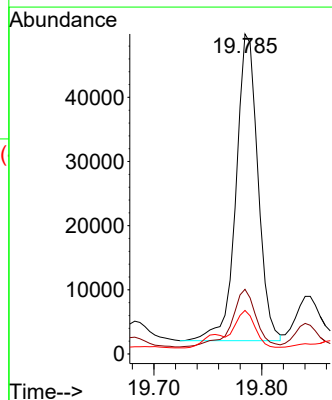
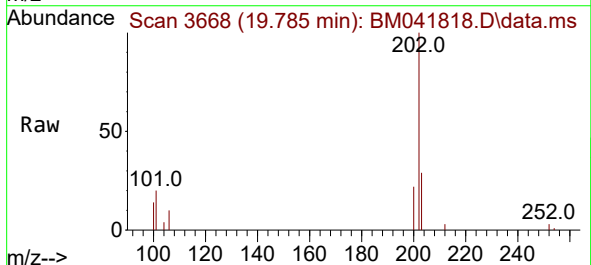
Instrument :
BNA_P
ClientSampleId :

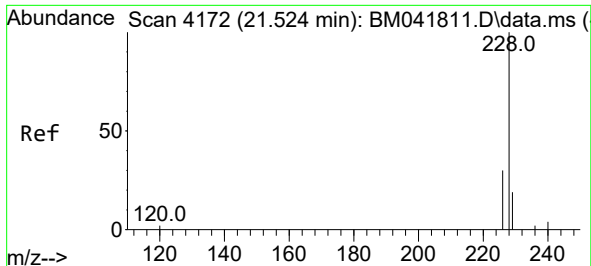
Tgt Ion:202 Resp: 58666
Ion Ratio Lower Upper
202 100
101 14.0 10.5 15.7
100 10.0 8.4 12.6



#20
Pyrene
Concen: 0.468 ng/ul
RT: 19.785 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

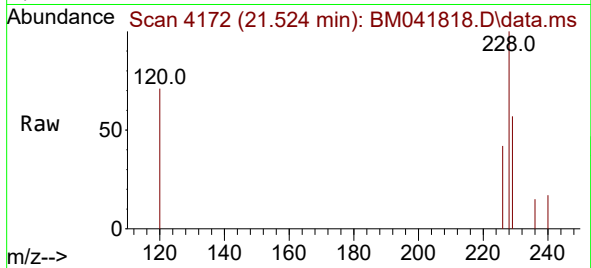
Tgt Ion:202 Resp: 67394
Ion Ratio Lower Upper
202 100
101 20.2 11.8 17.8#
100 13.6 9.8 14.6



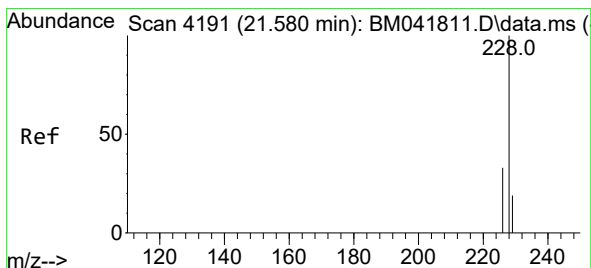
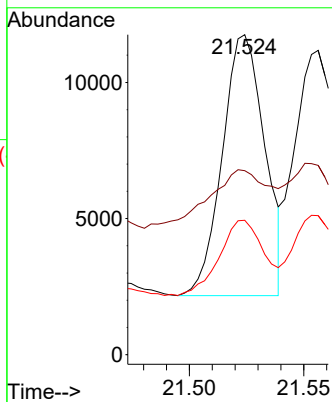
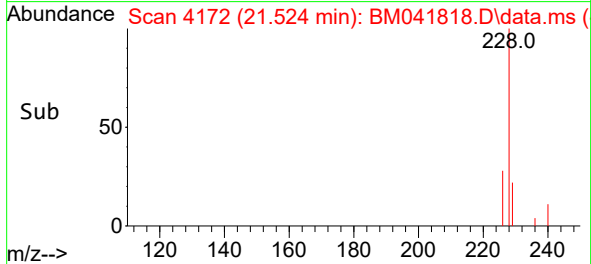


#21
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43

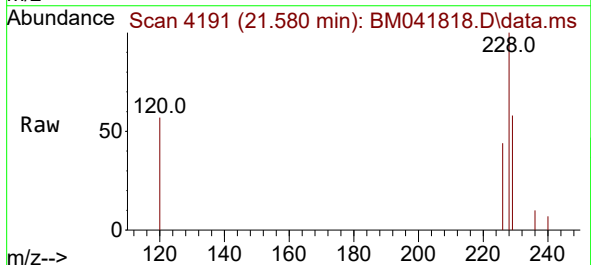
Instrument :
BNA_P
ClientSampleId :



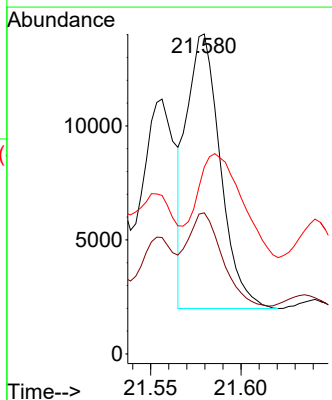
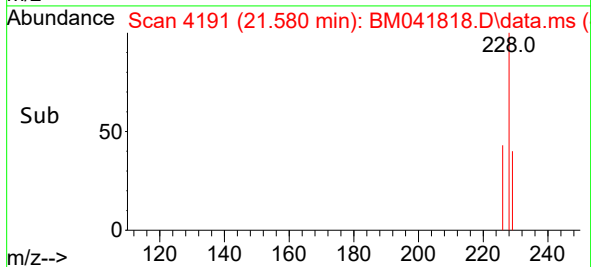
Tgt Ion:228 Resp: 12358
Ion Ratio Lower Upper
228 100
229 57.5 15.8 23.6#
226 42.0 24.8 37.2#

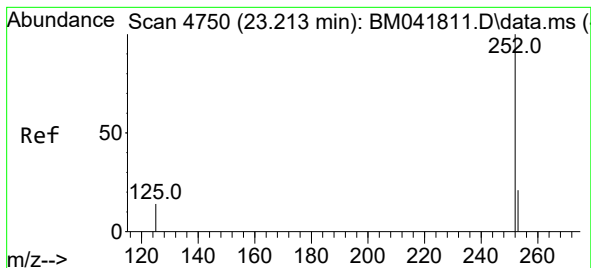


#22
Chrysene
Concen: 0.144 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM041818.D
Acq: 12 Sep 2023 18:43



Tgt Ion:228 Resp: 15597
Ion Ratio Lower Upper
228 100
226 44.1 27.0 40.6#
229 58.4 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.107 ng/ul

RT: 23.214 min Scan# 41

Delta R.T. -0.003 min

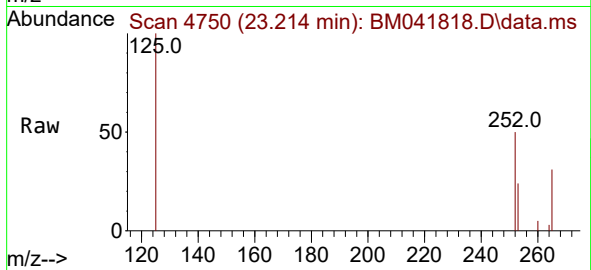
Lab File: BM041818.D

Acq: 12 Sep 2023 18:43

Instrument :

BNA_P

ClientSampleId :



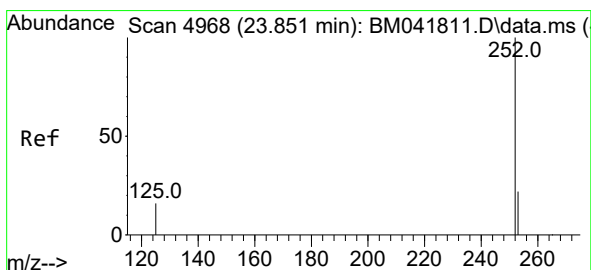
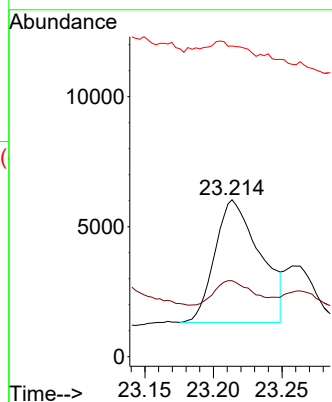
Tgt Ion:252 Resp: 10762

Ion Ratio Lower Upper

252 100

253 48.4 0.0 52.4

125 198.0 0.0 42.8#



#26

Benzo(a)pyrene

Concen: 0.082 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.003 min

Lab File: BM041818.D

Acq: 12 Sep 2023 18:43

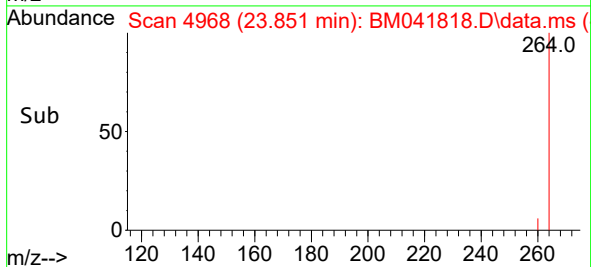
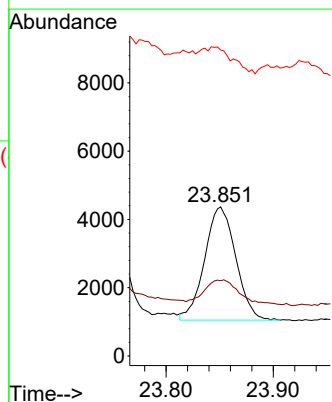
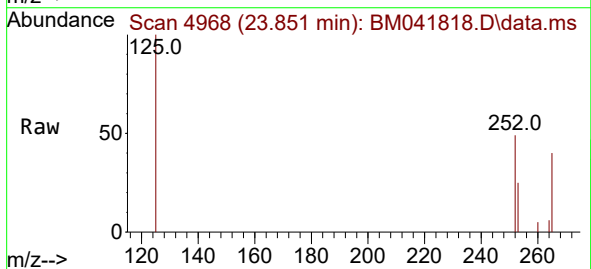
Tgt Ion:252 Resp: 6689

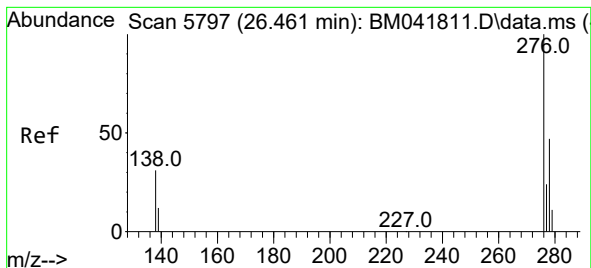
Ion Ratio Lower Upper

252 100

253 50.4 22.4 33.6#

125 205.3 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

RT: 26.458 min Scan# 5796

Delta R.T. -0.010 min

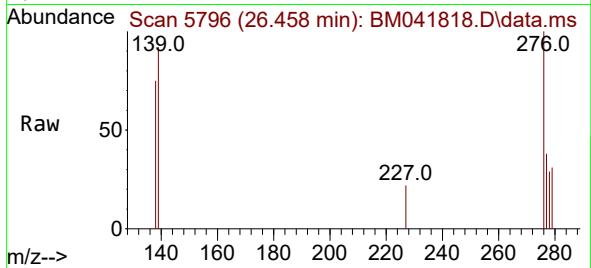
Lab File: BM041818.D

Acq: 12 Sep 2023 18:43

Instrument :

BNA_P

ClientSampleId :



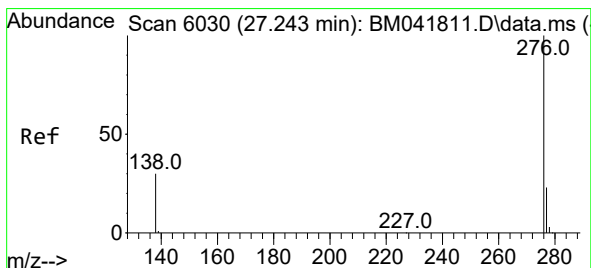
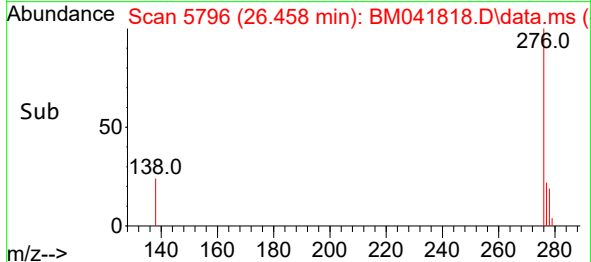
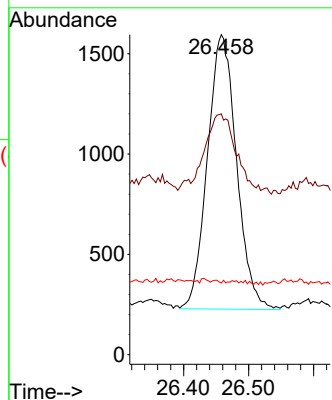
Tgt Ion:276 Resp: 4250

Ion Ratio Lower Upper

276 100

138 31.6 26.4 39.6

227 0.1 0.1 0.1



#29

Benzo(g,h,i)perylene

Concen: 0.046 ng/ul

RT: 27.239 min Scan# 6029

Delta R.T. -0.007 min

Lab File: BM041818.D

Acq: 12 Sep 2023 18:43

Tgt Ion:276 Resp: 4585

Ion Ratio Lower Upper

276 100

138 72.1 25.0 37.4#

277 37.6 20.2 30.2#

