

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041819.D
 Acq On : 12 Sep 2023 19:21
 Operator : MA/JU
 Sample : 04235-11DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:11:09 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)

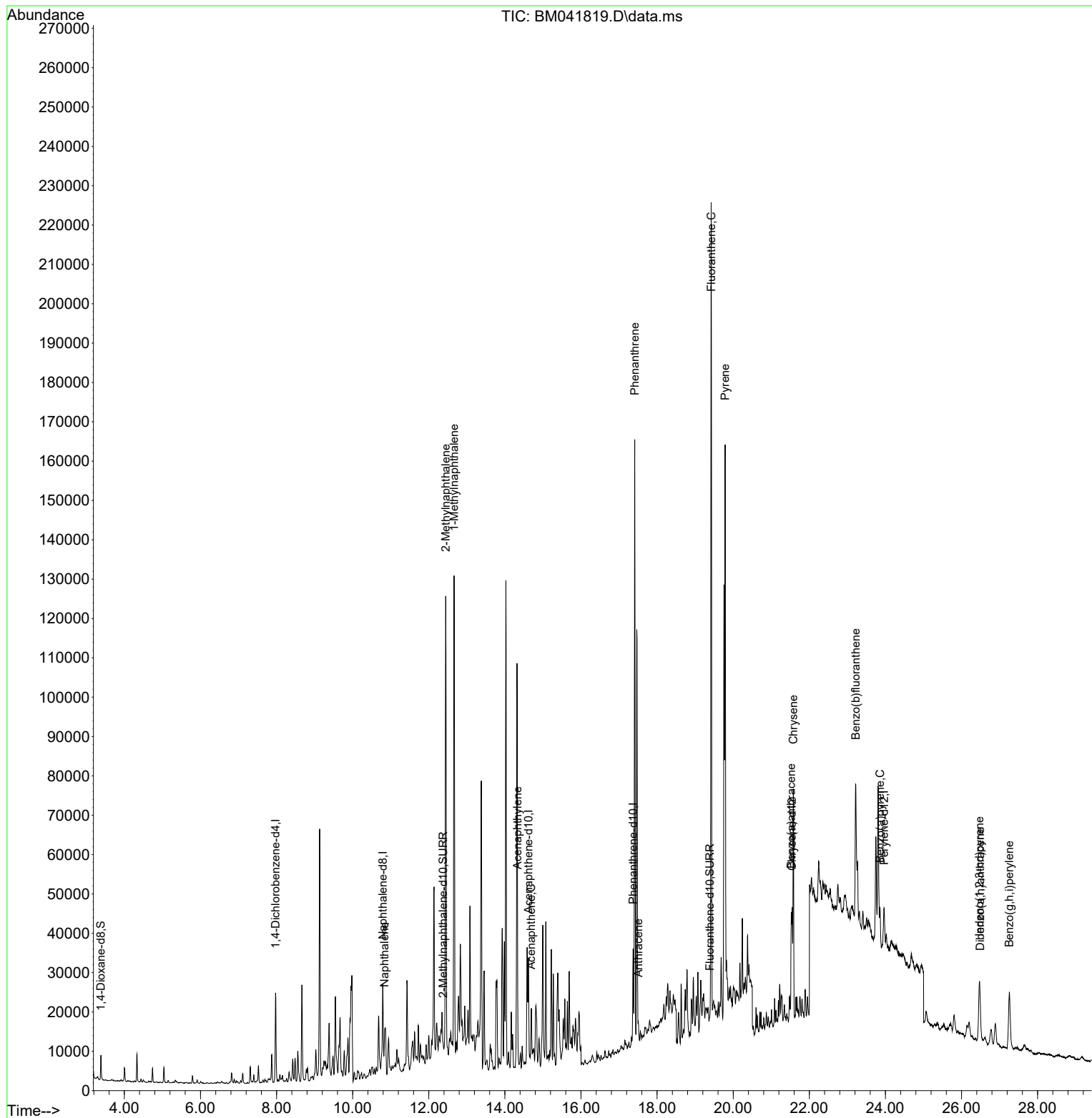
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	10556	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	27441	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.620	164	14771	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	26223	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	9678	0.400	ng/ul	# 0.00
23) Perylene-d12	23.965	264	10175	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3669	0.227	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1165	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1116	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	14005	0.155	ng/ul	97
7) 2-Methylnaphthalene	12.445	142	78127	1.527	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	78541	1.528	ng/ul	100
10) Acenaphthylene	14.333	152	4459	0.049	ng/ul#	1
11) Acenaphthene	14.689	153	4532	0.064	ng/ul#	52
15) Phenanthrene	17.413	178	155358	1.403	ng/ul	98
16) Anthracene	17.506	178	5238	0.055	ng/ul#	47
19) Fluoranthene	19.422	202	167722	1.468	ng/ul	100
20) Pyrene	19.789	202	116126	1.024	ng/ul	98
21) Benzo(a)anthracene	21.524	228	21756	0.276	ng/ul#	87
22) Chrysene	21.580	228	57750	0.678	ng/ul#	94
24) Benzo(b)fluoranthene	23.219	252	61035	0.670	ng/ul#	1
26) Benzo(a)pyrene	23.857	252	13768	0.186	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	26858	0.265	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.488	278	7090	0.100	ng/ul#	1
29) Benzo(g,h,i)perylene	27.256	276	30165	0.335	ng/ul#	69

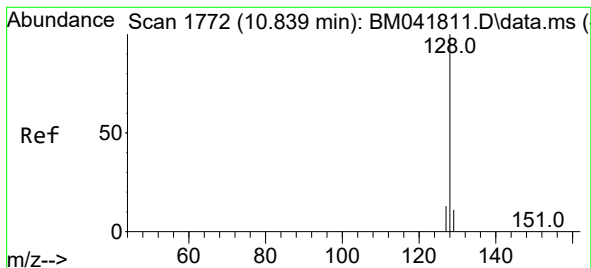
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 03:11:09 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
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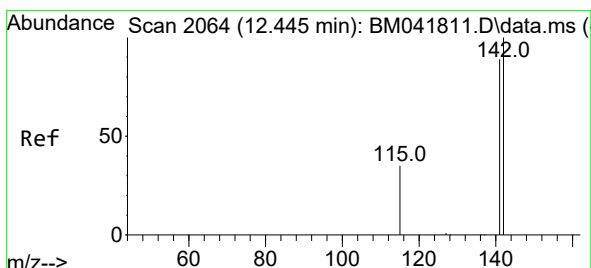
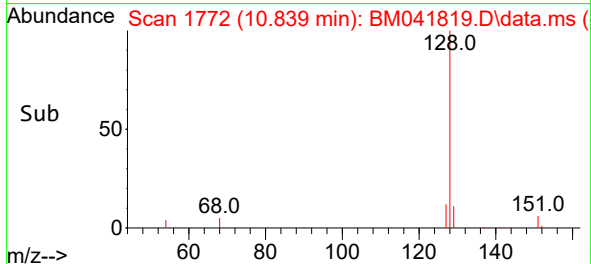
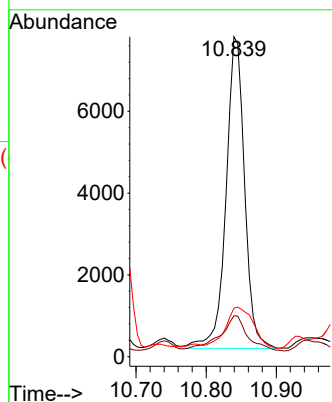
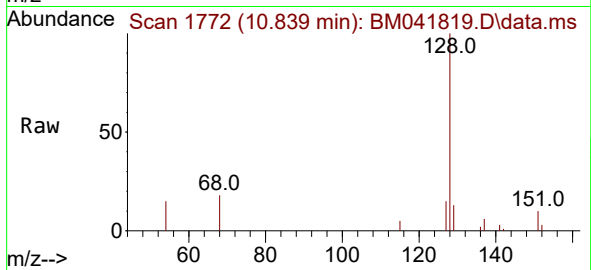




#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.839 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM041819.D
Acq: 12 Sep 2023 19:21

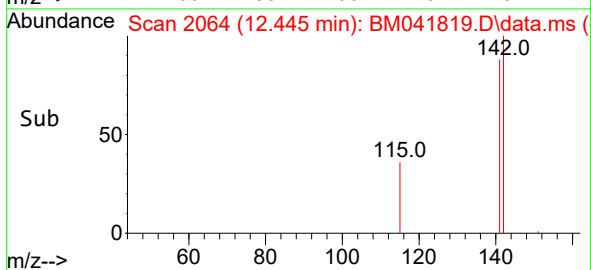
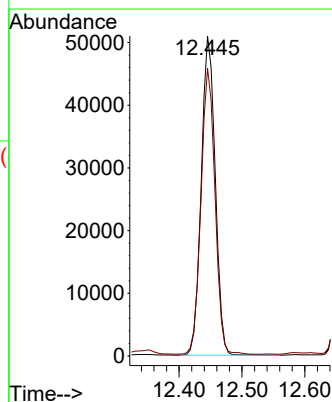
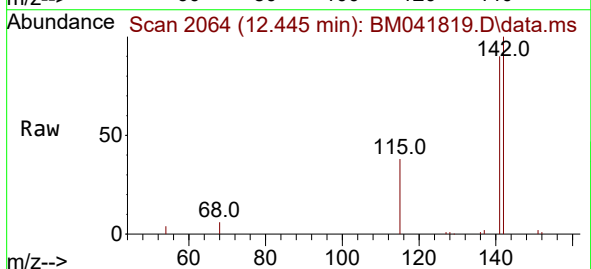
Instrument :
BNA_P
ClientSampleId :

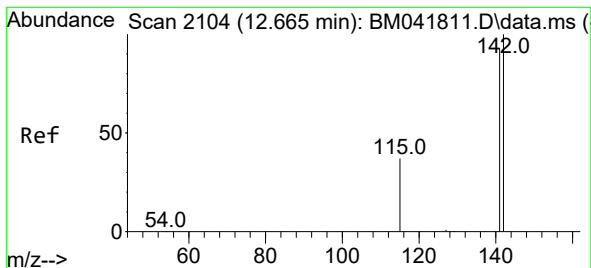
Tgt Ion:128 Resp: 14005
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.0
127 15.2 11.0 16.6



#7
2-Methylnaphthalene
Concen: 1.527 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM041819.D
Acq: 12 Sep 2023 19:21

Tgt Ion:142 Resp: 78127
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2





#8

1-Methylnaphthalene

Concen: 1.528 ng/ul

RT: 12.665 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_P

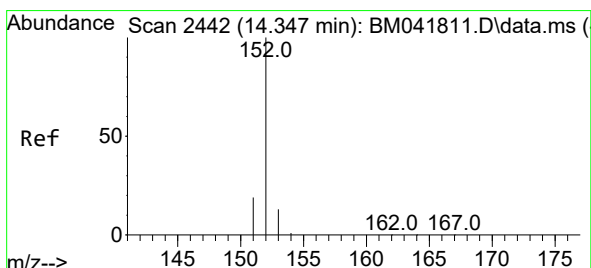
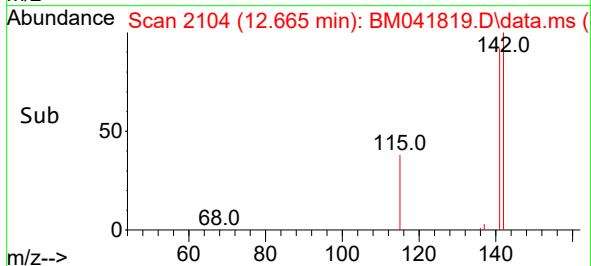
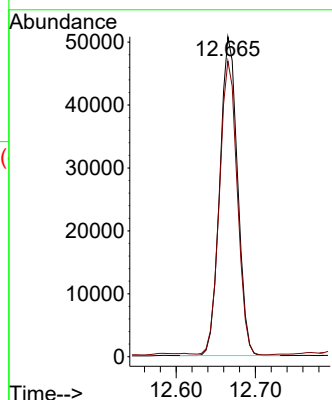
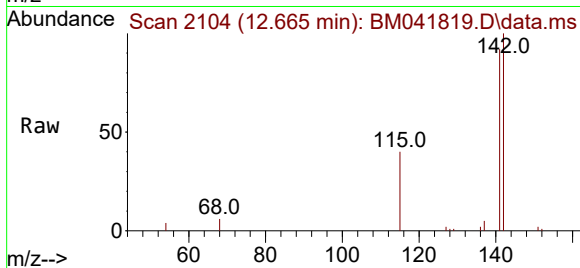
ClientSampleId :

Tgt Ion:142 Resp: 78541

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6



#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.333 min Scan# 2439

Delta R.T. -0.019 min

Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

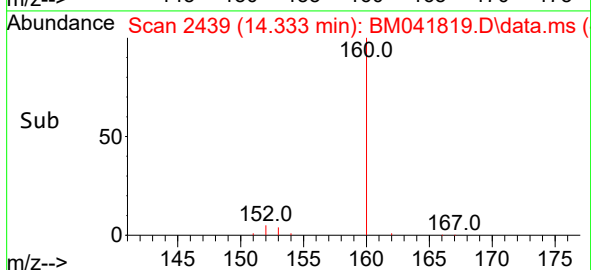
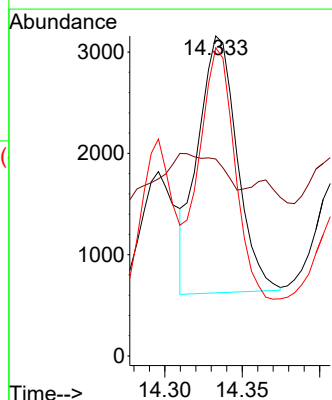
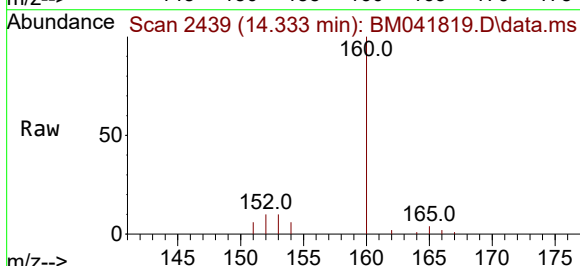
Tgt Ion:152 Resp: 4459

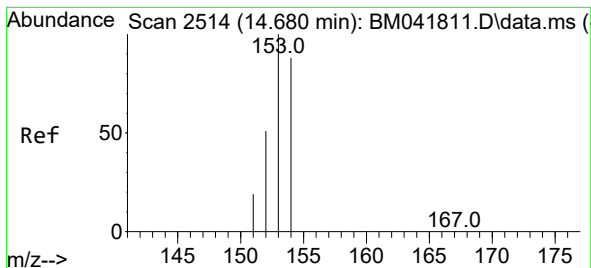
Ion Ratio Lower Upper

152 100

151 61.5 16.4 24.6#

153 96.3 11.1 16.7#





#11

Acenaphthene

Concen: 0.064 ng/ul

RT: 14.689 min Scan# 2

Delta R.T. 0.005 min

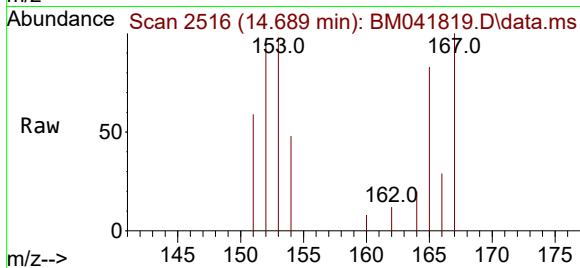
Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_P

ClientSampleId :



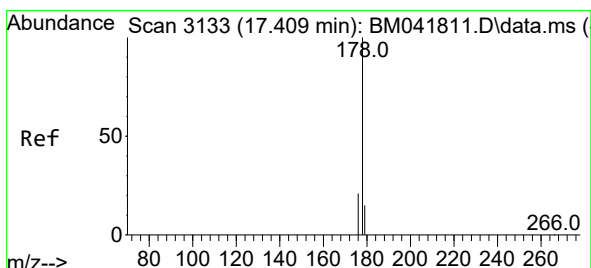
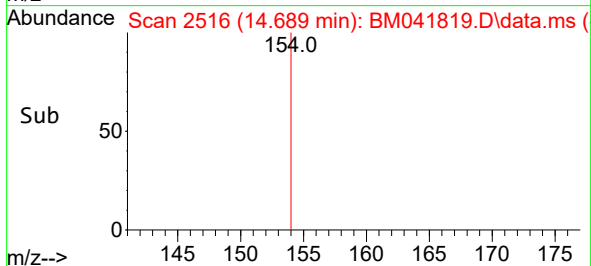
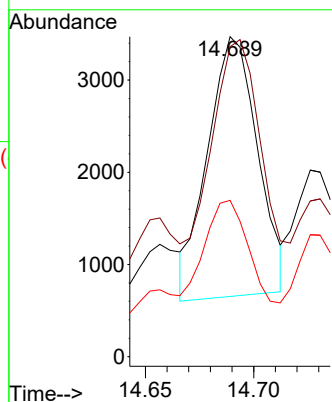
Tgt Ion:153 Resp: 4532

Ion Ratio Lower Upper

153 100

152 96.9 43.4 65.2#

154 48.8 69.4 104.0#



#15

Phenanthrene

Concen: 1.403 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

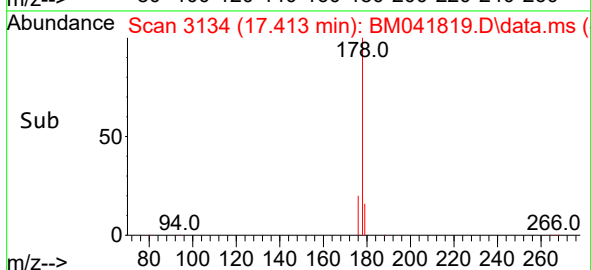
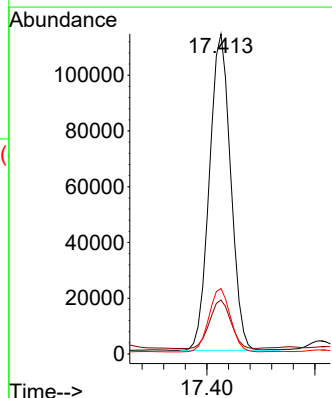
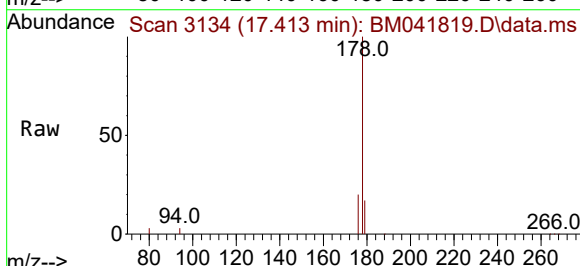
Tgt Ion:178 Resp: 155358

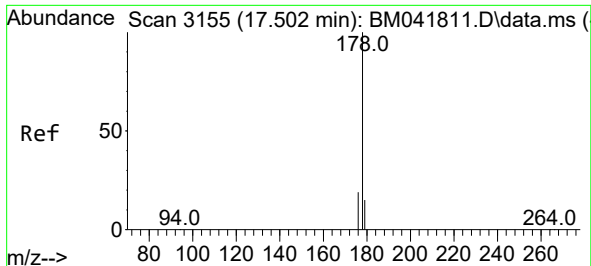
Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

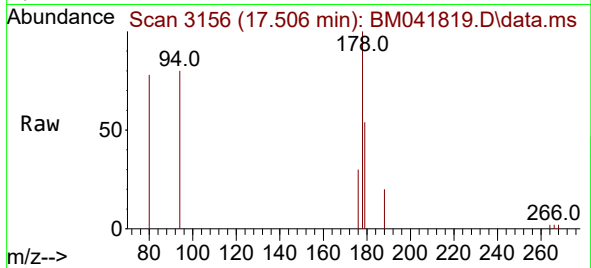
176 20.4 16.9 25.3



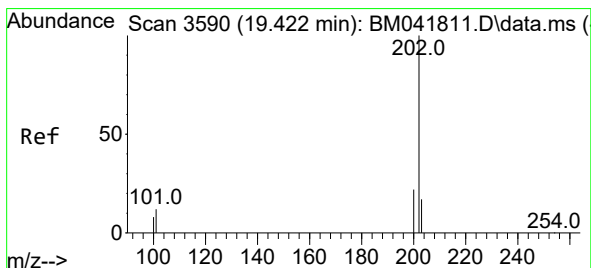
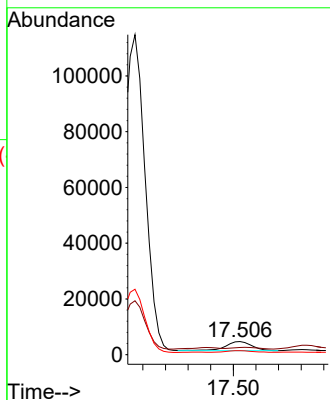
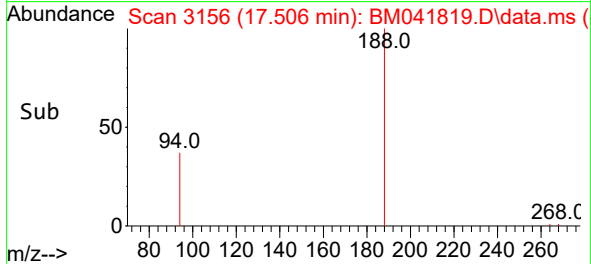


#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.506 min Scan# 3156
 Delta R.T. -0.000 min
 Lab File: BM041819.D
 Acq: 12 Sep 2023 19:21

Instrument :
 BNA_P
 ClientSampleId :

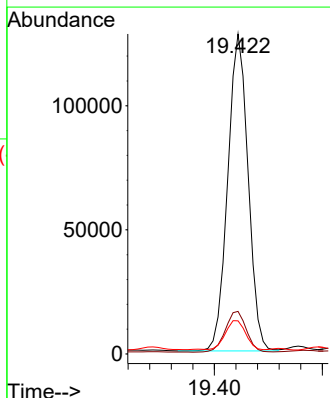
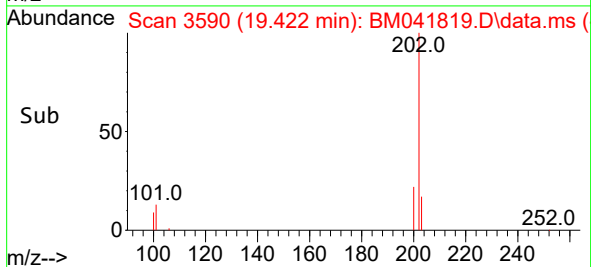
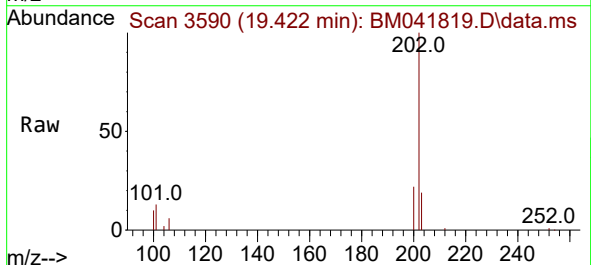


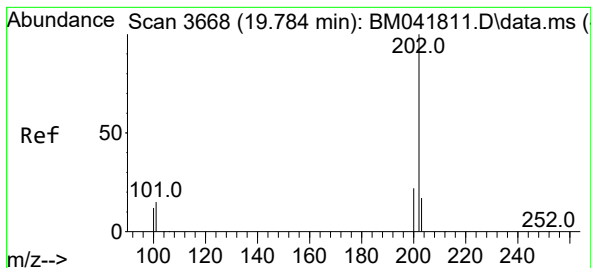
Tgt Ion:178 Resp: 5238
 Ion Ratio Lower Upper
 178 100
 179 54.5 12.9 19.3#
 176 30.3 15.8 23.8#



#19
 Fluoranthene
 Concen: 1.468 ng/ul
 RT: 19.422 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: BM041819.D
 Acq: 12 Sep 2023 19:21

Tgt Ion:202 Resp: 167722
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.5 15.7
 100 10.4 8.4 12.6





#20

Pyrene

Concen: 1.024 ng/ul

RT: 19.789 min Scan# 3669

Delta R.T. -0.000 min

Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_P

ClientSampleId :

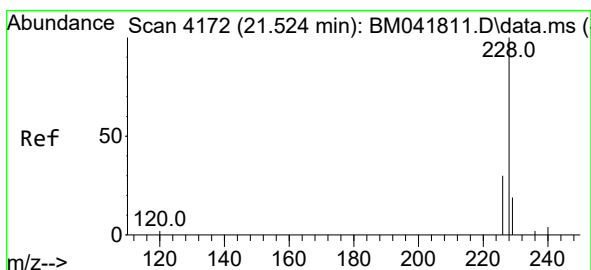
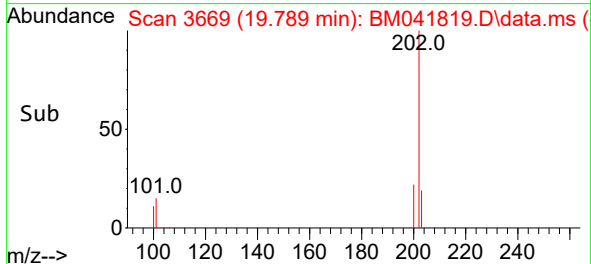
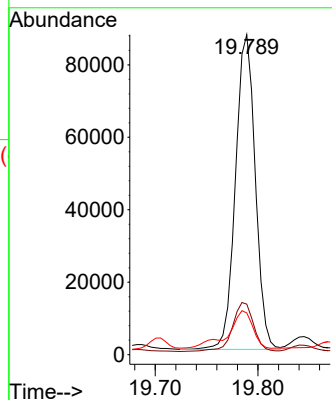
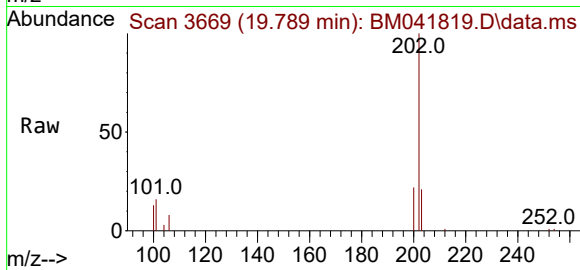
Tgt Ion:202 Resp: 116126

Ion Ratio Lower Upper

202 100

101 15.8 11.8 17.8

100 13.0 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.276 ng/ul

RT: 21.524 min Scan# 4172

Delta R.T. -0.003 min

Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

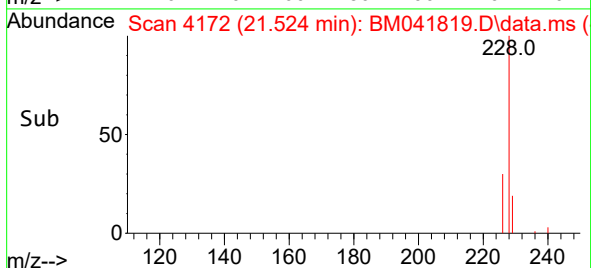
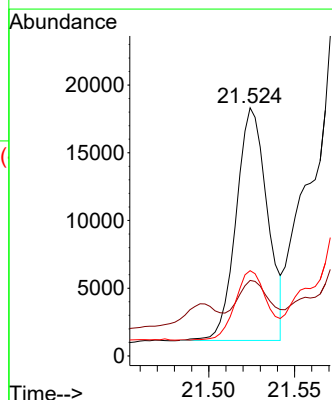
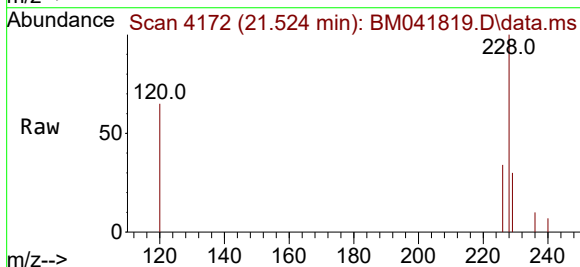
Tgt Ion:228 Resp: 21756

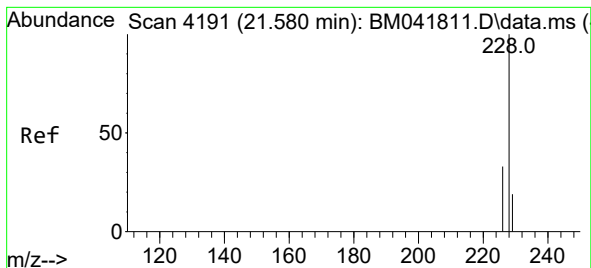
Ion Ratio Lower Upper

228 100

229 30.4 15.8 23.6#

226 34.4 24.8 37.2





#22

Chrysene

Concen: 0.678 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. -0.000 min

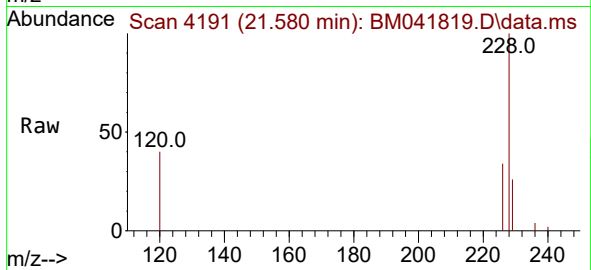
Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_P

ClientSampleId :



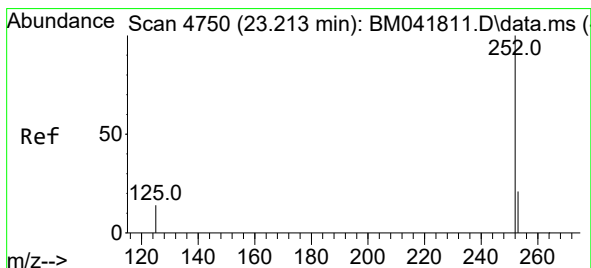
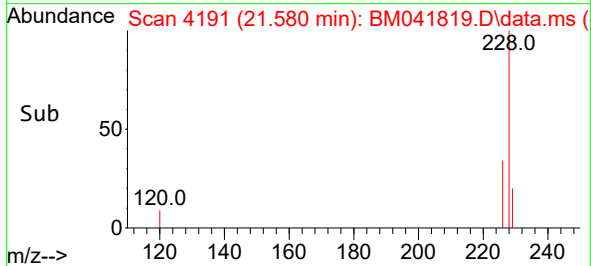
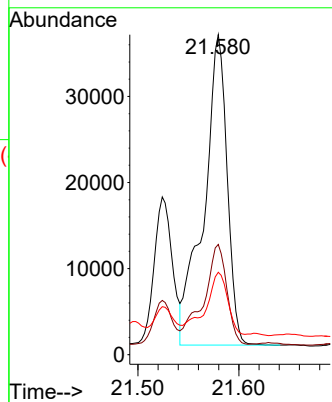
Tgt Ion:228 Resp: 57750

Ion Ratio Lower Upper

228 100

226 34.5 27.0 40.6

229 25.8 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.670 ng/ul

RT: 23.219 min Scan# 4752

Delta R.T. 0.003 min

Lab File: BM041819.D

Acq: 12 Sep 2023 19:21

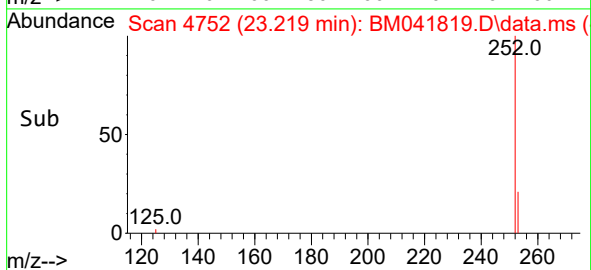
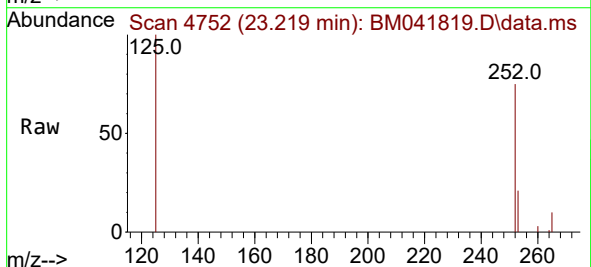
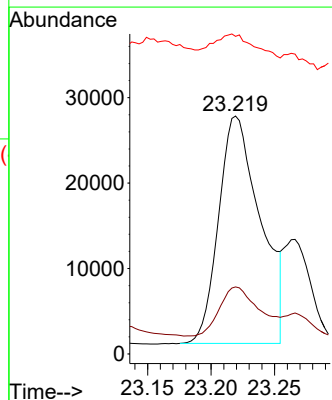
Tgt Ion:252 Resp: 61035

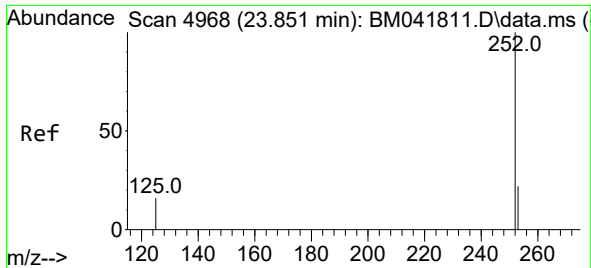
Ion Ratio Lower Upper

252 100

253 28.2 0.0 52.4

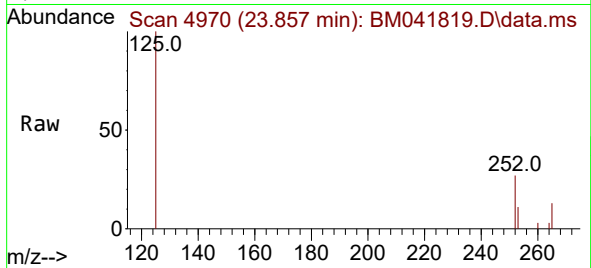
125 133.5 0.0 42.8#



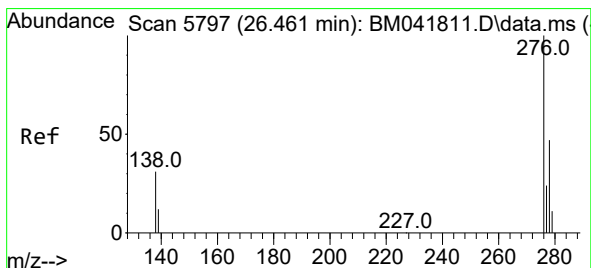
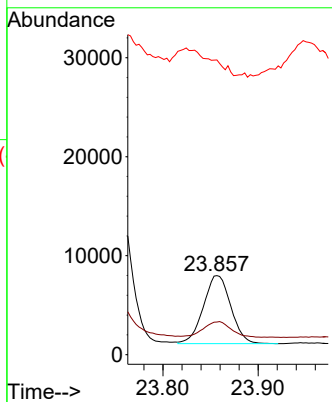
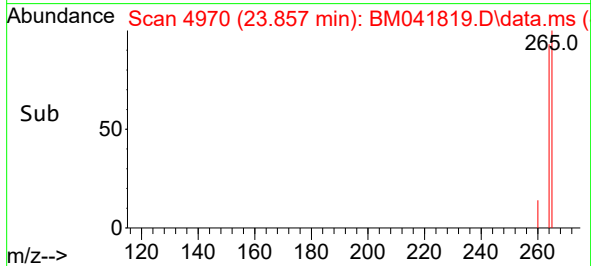


#26
Benzo(a)pyrene
Concen: 0.186 ng/ul
RT: 23.857 min Scan# 4968
Delta R.T. 0.003 min
Lab File: BM041819.D
Acq: 12 Sep 2023 19:21

Instrument :
BNA_P
ClientSampleId :

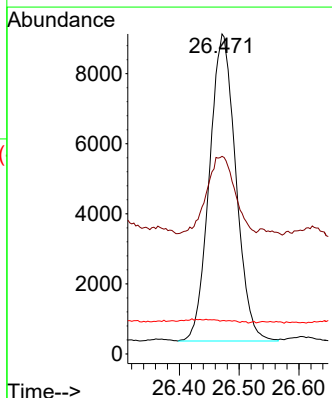
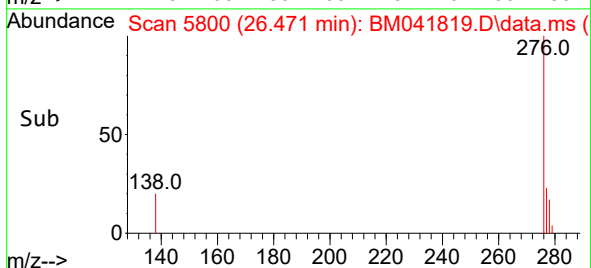
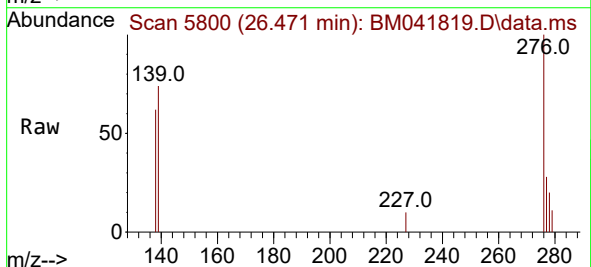


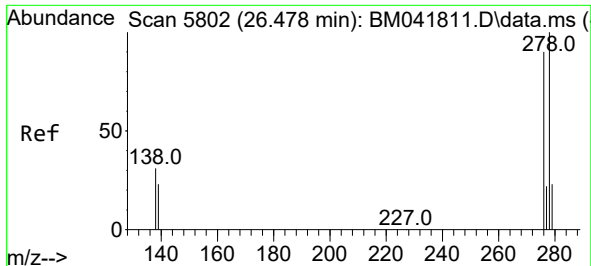
Tgt Ion:252 Resp: 13768
Ion Ratio Lower Upper
252 100
253 41.4 22.4 33.6#
125 372.9 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 26.471 min Scan# 5800
Delta R.T. 0.003 min
Lab File: BM041819.D
Acq: 12 Sep 2023 19:21

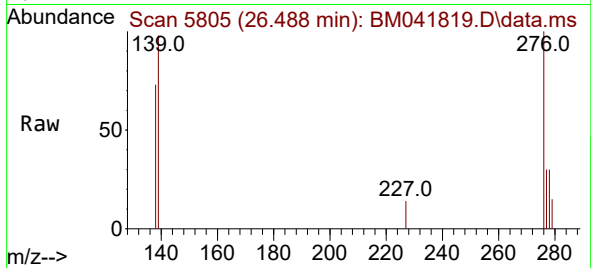
Tgt Ion:276 Resp: 26858
Ion Ratio Lower Upper
276 100
138 27.4 26.4 39.6
227 0.0 0.1 0.1#



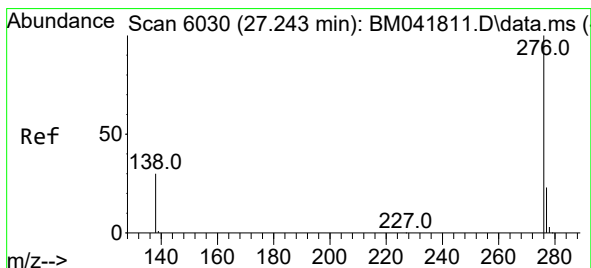
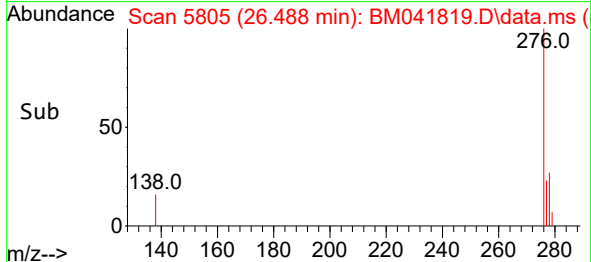
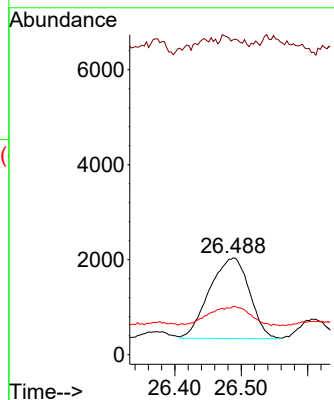


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BM041819.D
Acq: 12 Sep 2023 19:21

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:278 Resp: 7090
Ion Ratio Lower Upper
278 100
139 325.3 23.0 34.6#
279 50.1 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 27.256 min Scan# 6034
Delta R.T. 0.010 min
Lab File: BM041819.D
Acq: 12 Sep 2023 19:21

Tgt Ion:276 Resp: 30165
Ion Ratio Lower Upper
276 100
138 59.9 25.0 37.4#
277 27.3 20.2 30.2

