

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041817.D
 Acq On : 12 Sep 2023 18:06
 Operator : MA/JU
 Sample : 04235-09DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:10:47 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)

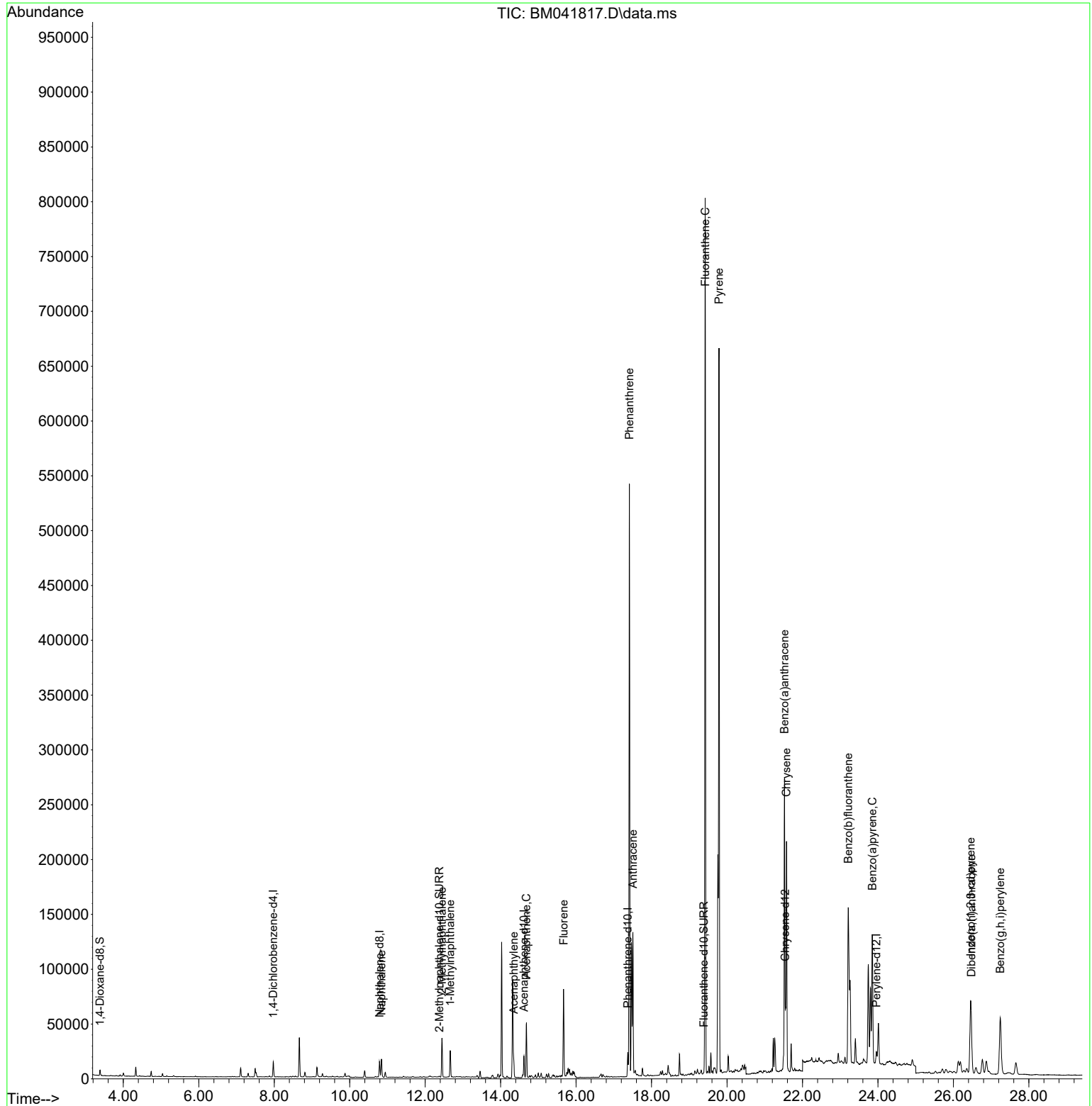
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18161	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	10366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	23372	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	13956	0.400	ng/ul	0.00
23) Perylene-d12	23.959	264	13939	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3059	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	655	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1581	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	23151	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	23735	0.701	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	16122	0.474	ng/ul	99
10) Acenaphthylene	14.347	152	18991	0.296	ng/ul	99
11) Acenaphthene	14.685	153	27874	0.560	ng/ul	97
12) Fluorene	15.670	166	50202	0.899	ng/ul	100
15) Phenanthrene	17.413	178	552288	5.596	ng/ul	98
16) Anthracene	17.506	178	135186	1.599	ng/ul	99
19) Fluoranthene	19.422	202	653587	3.968	ng/ul	97
20) Pyrene	19.789	202	548968	3.355	ng/ul	98
21) Benzo(a)anthracene	21.524	228	222975	1.959	ng/ul	98
22) Chrysene	21.577	228	208239	1.696	ng/ul	97
24) Benzo(b)fluoranthene	23.214	252	251054	2.013	ng/ul	96
26) Benzo(a)pyrene	23.851	252	167084	1.649	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.458	276	116366	0.837	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.478	278	26788	0.275	ng/ul#	82
29) Benzo(g,h,i)perylene	27.243	276	111268	0.903	ng/ul	98

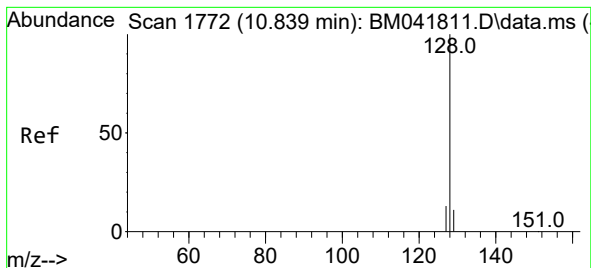
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 03:10:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.388 ng/ul

RT: 10.845 min Scan# 1772

Delta R.T. -0.000 min

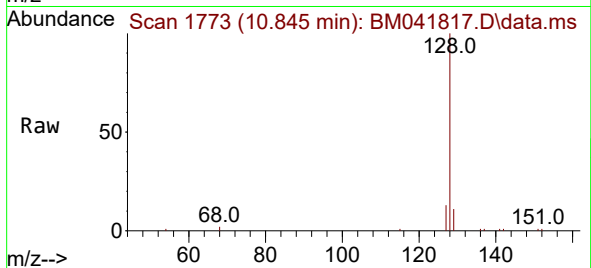
Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

Instrument :

BNA_P

ClientSampleId :



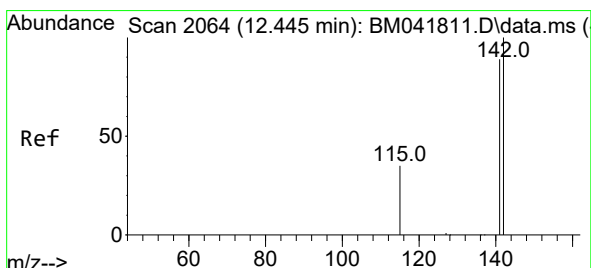
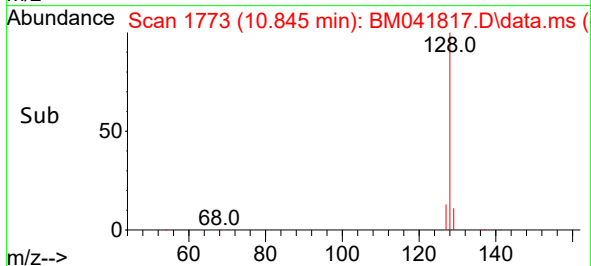
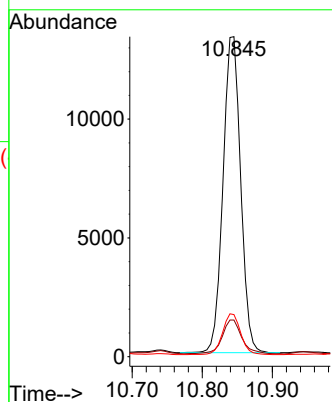
Tgt Ion:128 Resp: 23151

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

127 13.2 11.0 16.6



#7

2-Methylnaphthalene

Concen: 0.701 ng/ul

RT: 12.445 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BM041817.D

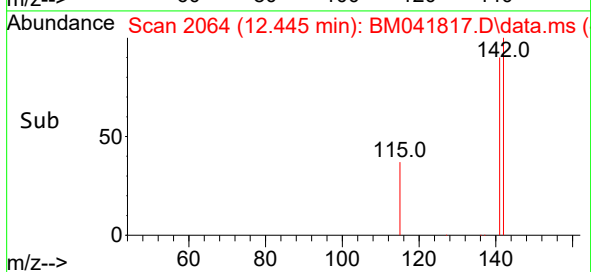
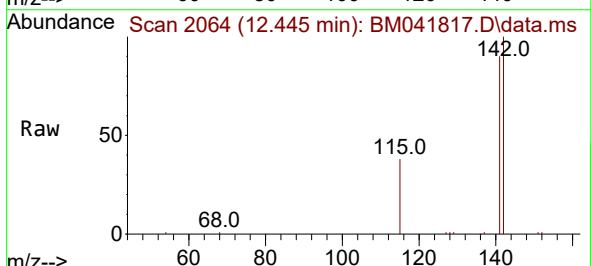
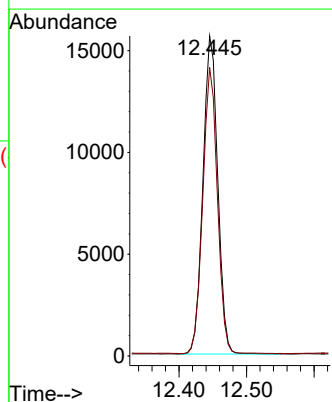
Acq: 12 Sep 2023 18:06

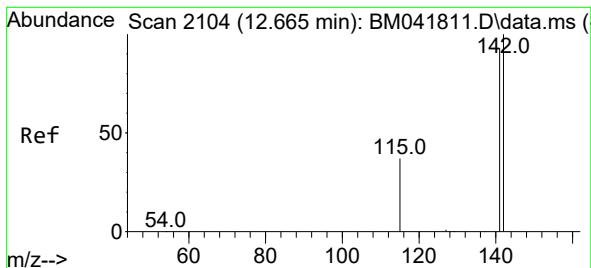
Tgt Ion:142 Resp: 23735

Ion Ratio Lower Upper

142 100

141 88.9 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.474 ng/ul

RT: 12.665 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

Instrument :

BNA_P

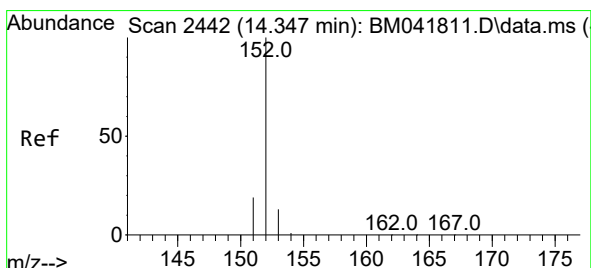
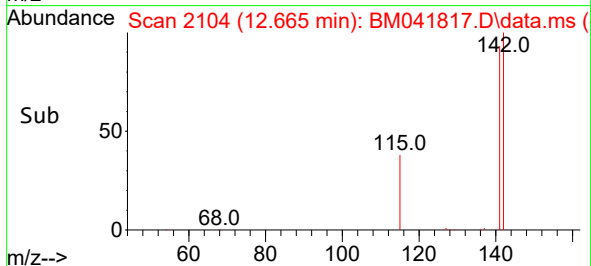
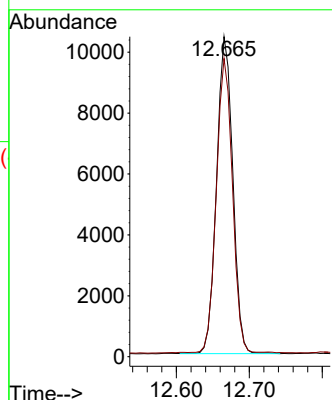
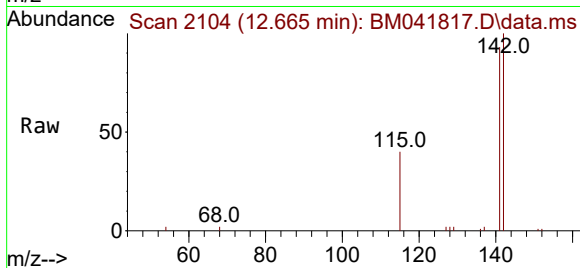
ClientSampleId :

Tgt Ion:142 Resp: 16122

Ion Ratio Lower Upper

142 100

141 92.2 74.4 111.6



#10

Acenaphthylene

Concen: 0.296 ng/ul

RT: 14.347 min Scan# 2442

Delta R.T. -0.005 min

Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

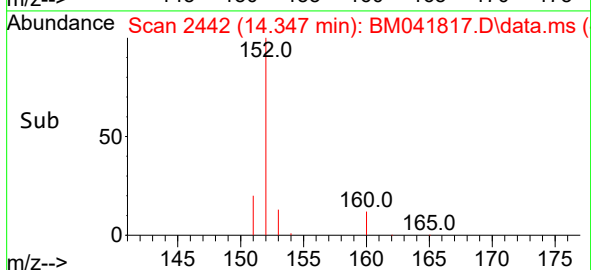
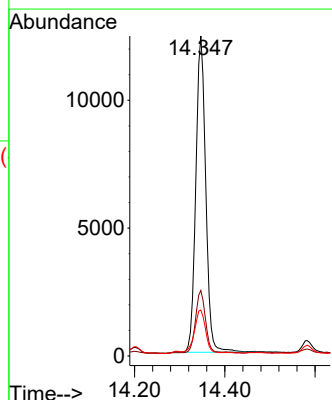
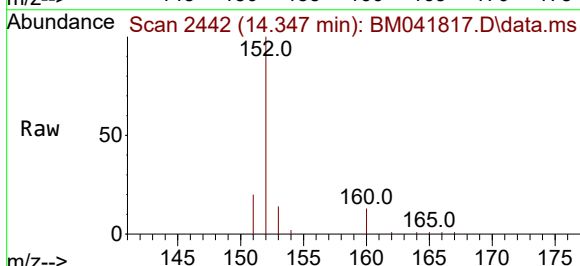
Tgt Ion:152 Resp: 18991

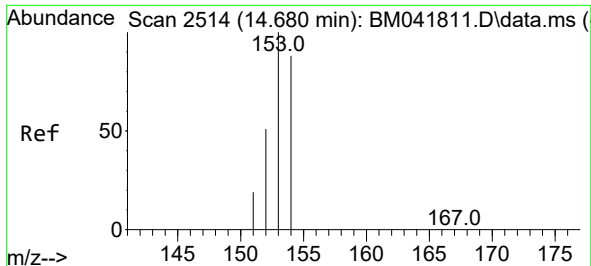
Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.4 11.1 16.7

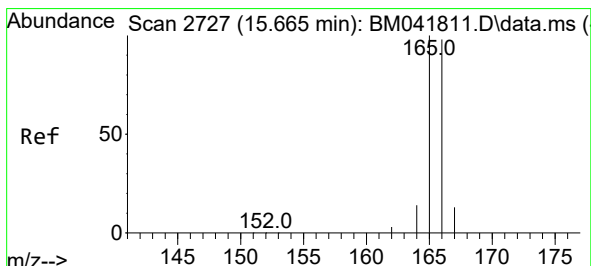
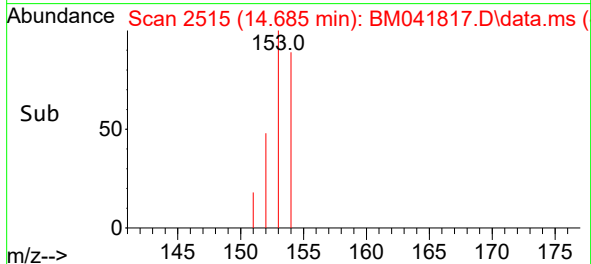
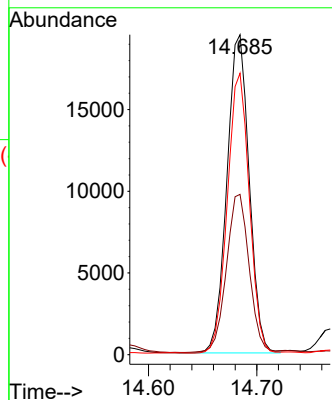
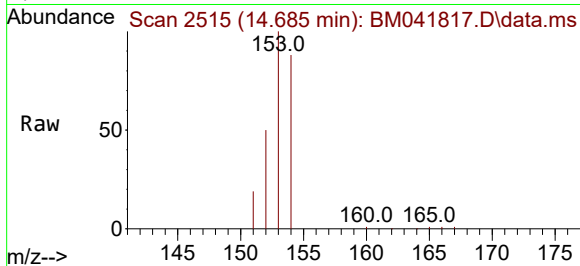




#11
Acenaphthene
Concen: 0.560 ng/ul
RT: 14.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041817.D
Acq: 12 Sep 2023 18:06

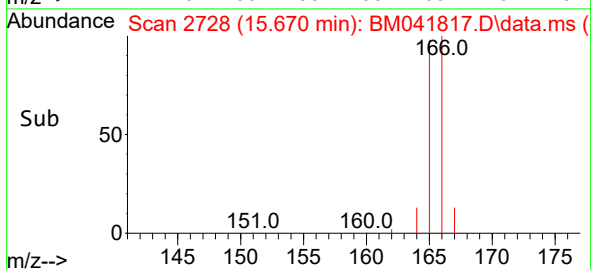
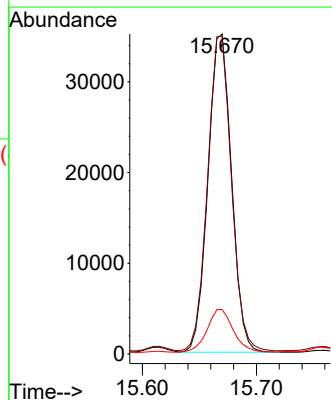
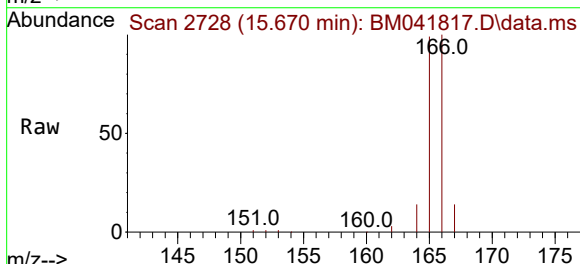
Instrument :
BNA_P
ClientSampleId :

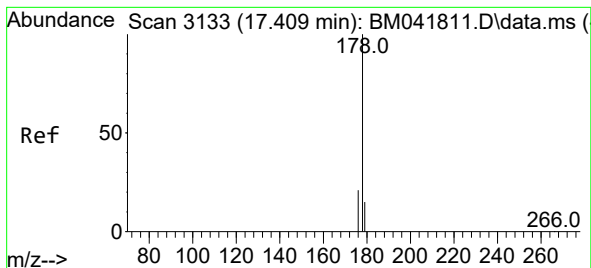
Tgt Ion:153 Resp: 27874
Ion Ratio Lower Upper
153 100
152 50.1 43.4 65.2
154 87.9 69.4 104.0



#12
Fluorene
Concen: 0.899 ng/ul
RT: 15.670 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BM041817.D
Acq: 12 Sep 2023 18:06

Tgt Ion:166 Resp: 50202
Ion Ratio Lower Upper
166 100
165 99.4 79.4 119.2
167 13.9 11.3 16.9





#15

Phenanthrene

Concen: 5.596 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

Instrument :

BNA_P

ClientSampleId :

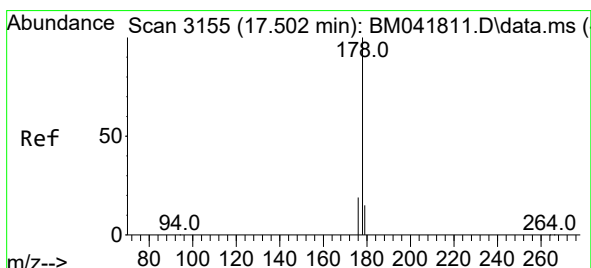
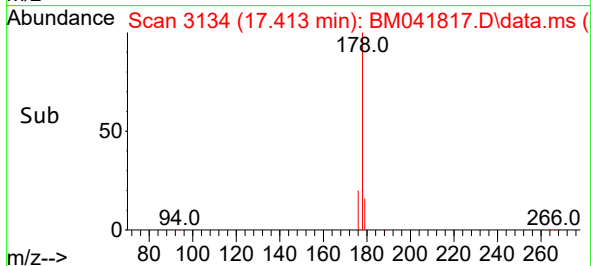
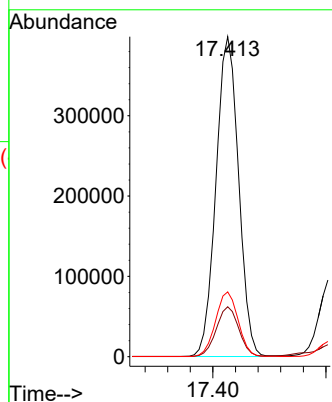
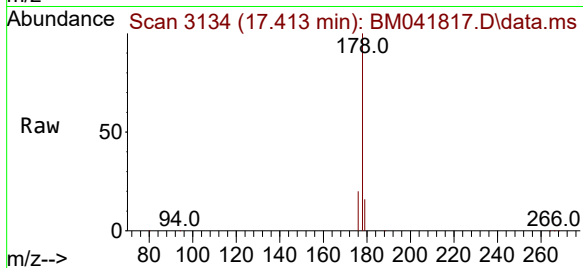
Tgt Ion:178 Resp: 552288

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 20.3 16.9 25.3



#16

Anthracene

Concen: 1.599 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. -0.000 min

Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

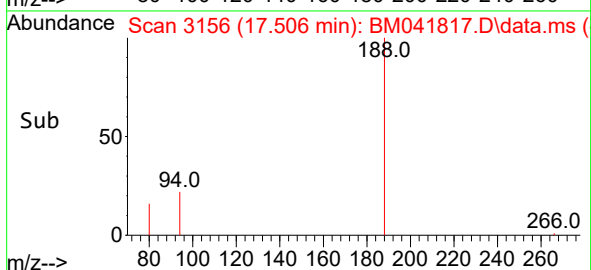
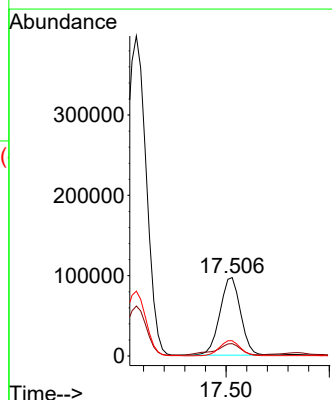
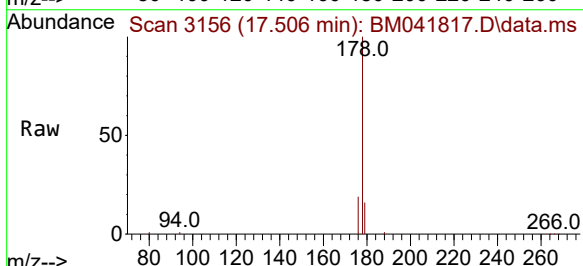
Tgt Ion:178 Resp: 135186

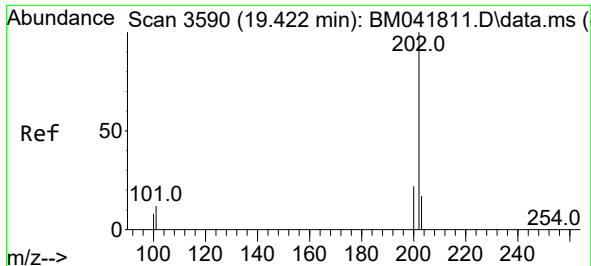
Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 19.4 15.8 23.8

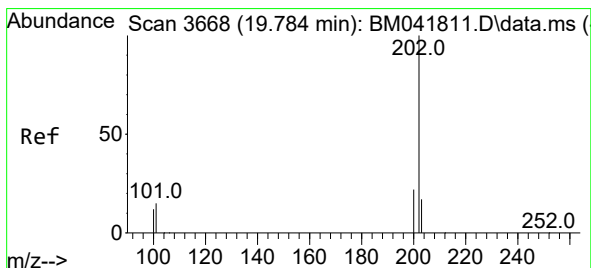
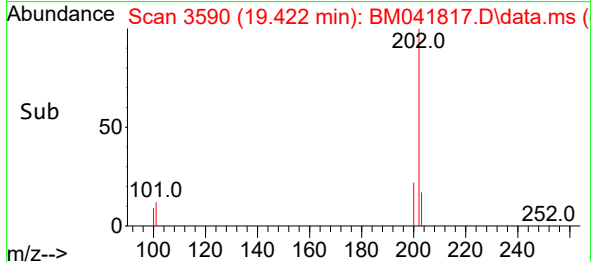
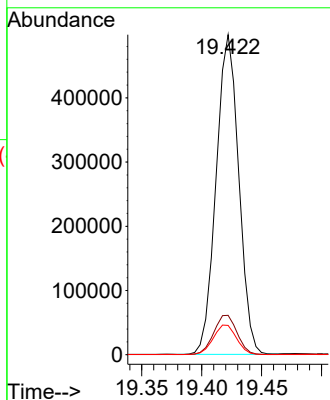
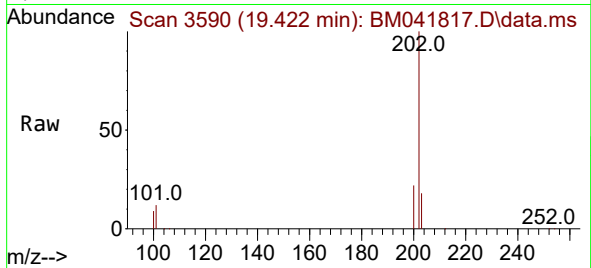




#19
Fluoranthene
Concen: 3.968 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041817.D
Acq: 12 Sep 2023 18:06

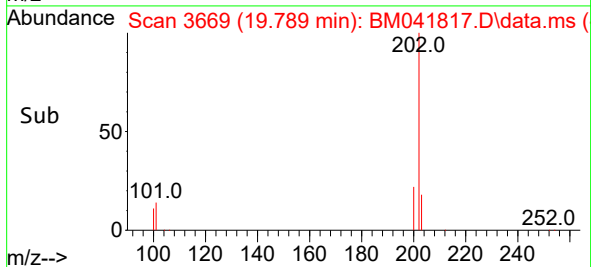
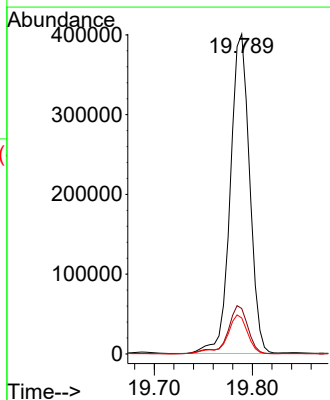
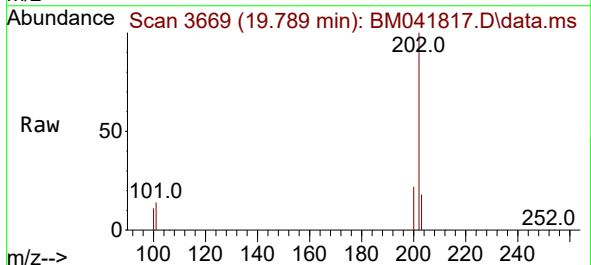
Instrument :
BNA_P
ClientSampleId :

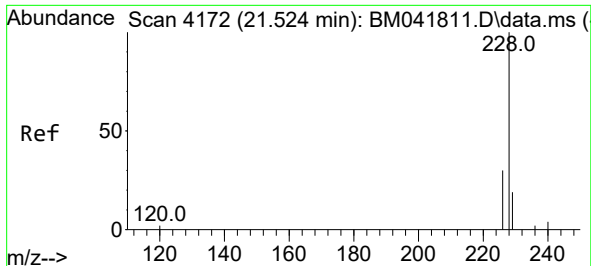
Tgt Ion:202 Resp: 653587
Ion Ratio Lower Upper
202 100
101 12.3 10.5 15.7
100 9.2 8.4 12.6



#20
Pyrene
Concen: 3.355 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041817.D
Acq: 12 Sep 2023 18:06

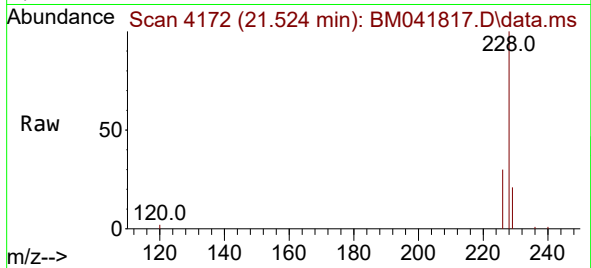
Tgt Ion:202 Resp: 548968
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.8
100 11.2 9.8 14.6



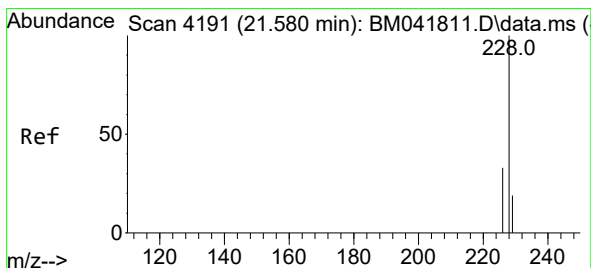
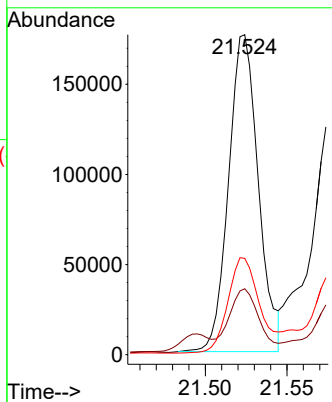
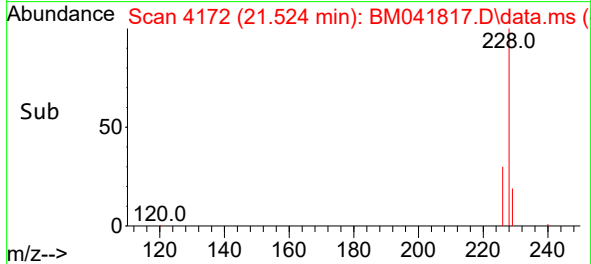


#21
Benzo(a)anthracene
Concen: 1.959 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM041817.D
Acq: 12 Sep 2023 18:06

Instrument :
BNA_P
ClientSampleId :

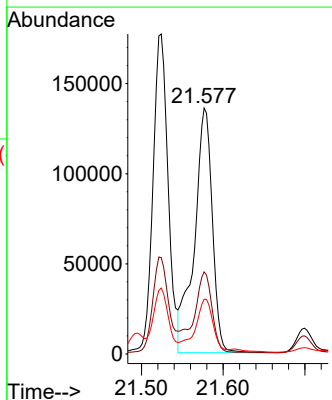
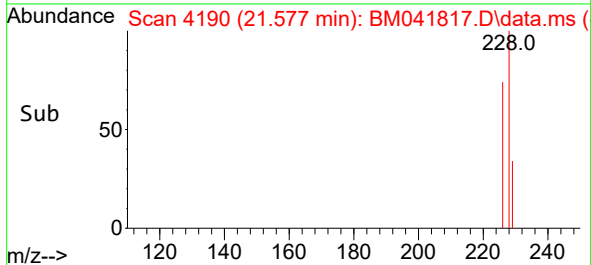
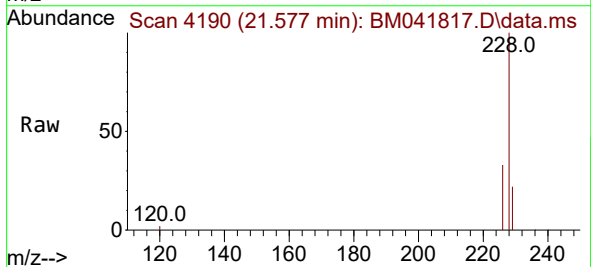


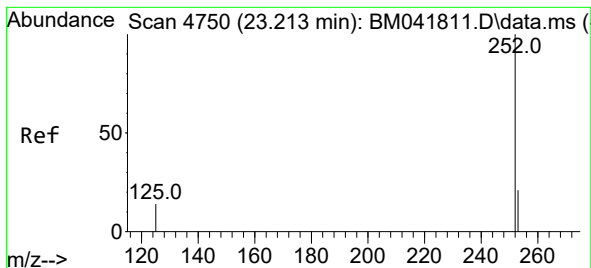
Tgt Ion:228 Resp: 222975
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 30.1 24.8 37.2



#22
Chrysene
Concen: 1.696 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM041817.D
Acq: 12 Sep 2023 18:06

Tgt Ion:228 Resp: 208239
Ion Ratio Lower Upper
228 100
226 33.4 27.0 40.6
229 22.3 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 2.013 ng/ul

RT: 23.214 min Scan# 41

Delta R.T. -0.003 min

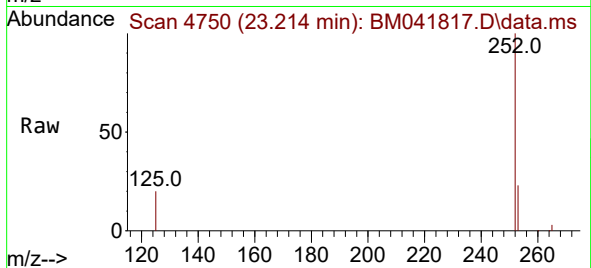
Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

Instrument :

BNA_P

ClientSampleId :



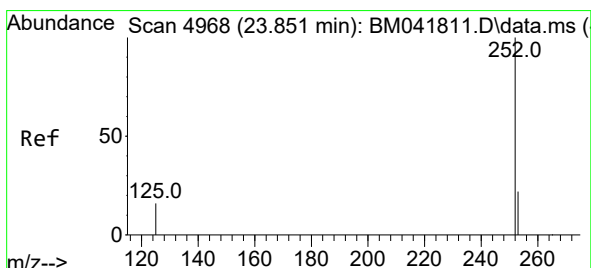
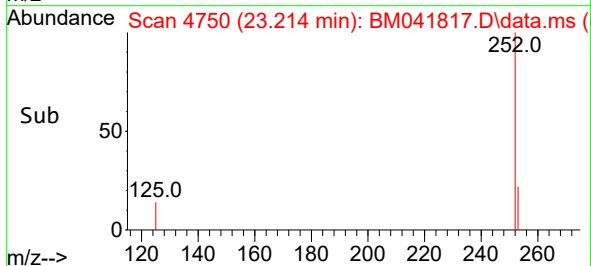
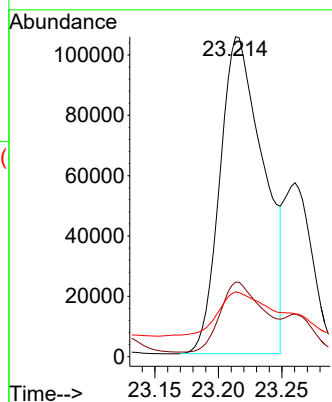
Tgt Ion:252 Resp: 251054

Ion Ratio Lower Upper

252 100

253 23.3 0.0 52.4

125 20.2 0.0 42.8



#26

Benzo(a)pyrene

Concen: 1.649 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.003 min

Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

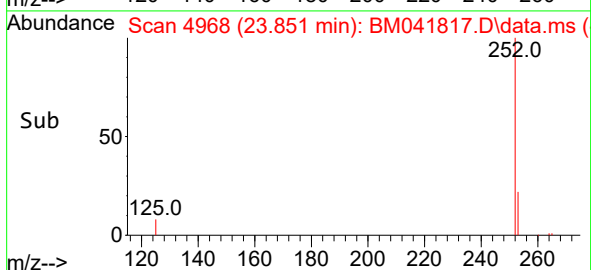
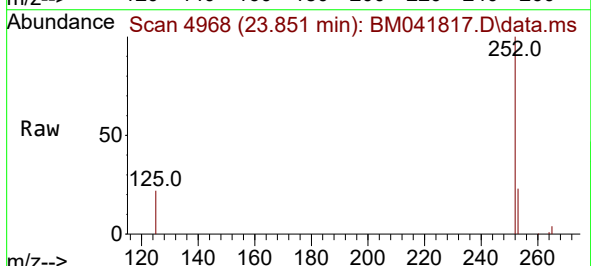
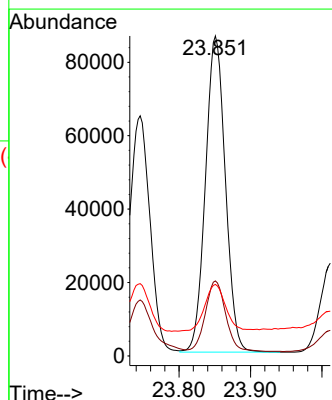
Tgt Ion:252 Resp: 167084

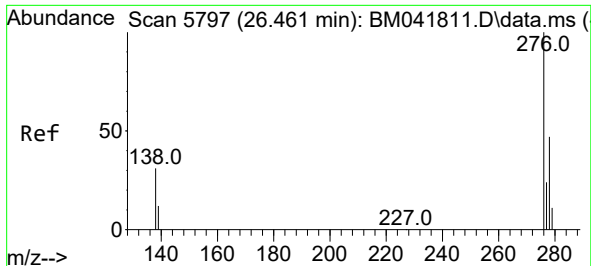
Ion Ratio Lower Upper

252 100

253 23.4 22.4 33.6

125 22.4 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.837 ng/ul

RT: 26.458 min Scan# 5

Delta R.T. -0.010 min

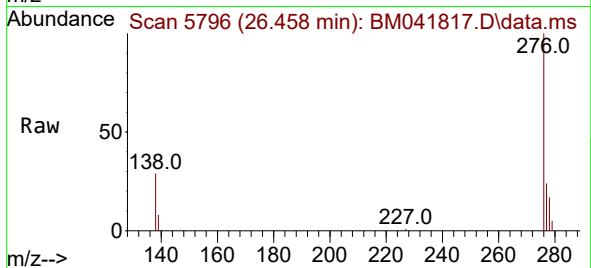
Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

Instrument :

BNA_P

ClientSampleId :



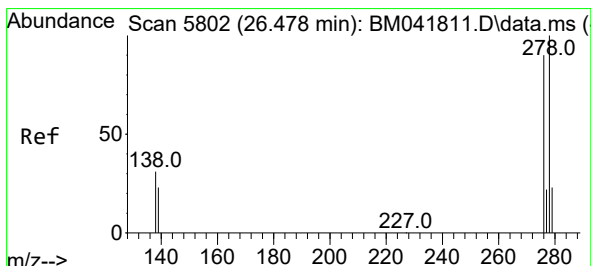
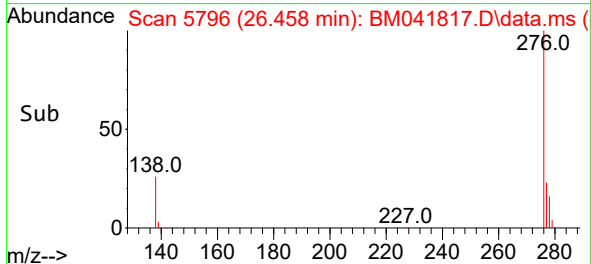
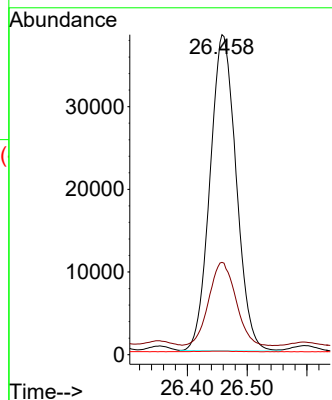
Tgt Ion:276 Resp: 116366

Ion Ratio Lower Upper

276 100

138 27.1 26.4 39.6

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.275 ng/ul

RT: 26.478 min Scan# 5802

Delta R.T. -0.007 min

Lab File: BM041817.D

Acq: 12 Sep 2023 18:06

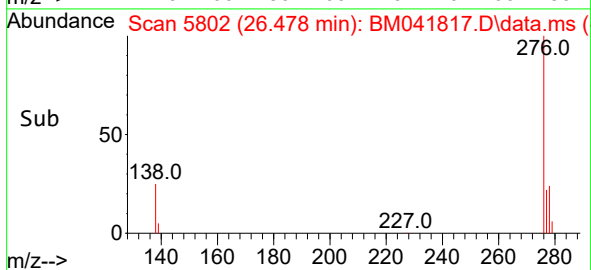
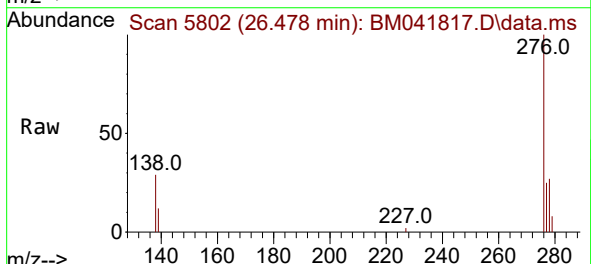
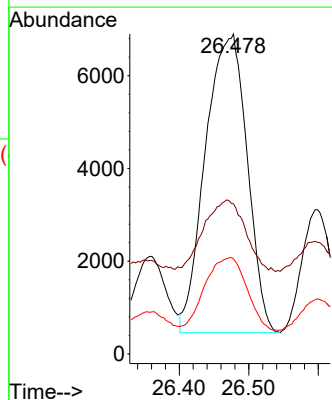
Tgt Ion:278 Resp: 26788

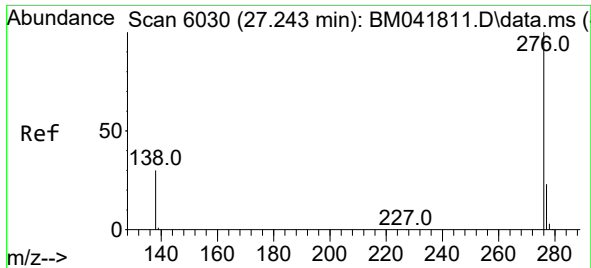
Ion Ratio Lower Upper

278 100

139 46.9 23.0 34.6#

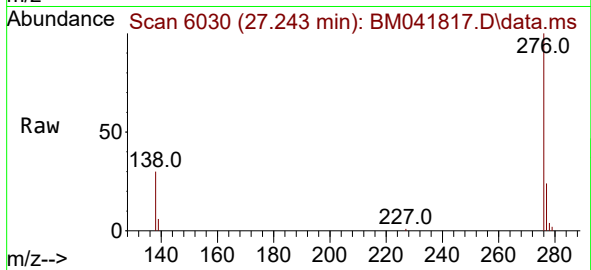
279 29.7 22.9 34.3





#29
 Benzo(g,h,i)perylene
 Concen: 0.903 ng/ul
 RT: 27.243 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: BM041817.D
 Acq: 12 Sep 2023 18:06

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 111268
 Ion Ratio Lower Upper
 276 100
 138 30.1 25.0 37.4
 277 24.2 20.2 30.2

