

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041816.D
 Acq On : 12 Sep 2023 17:28
 Operator : MA/JU
 Sample : 04235-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:10:37 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)

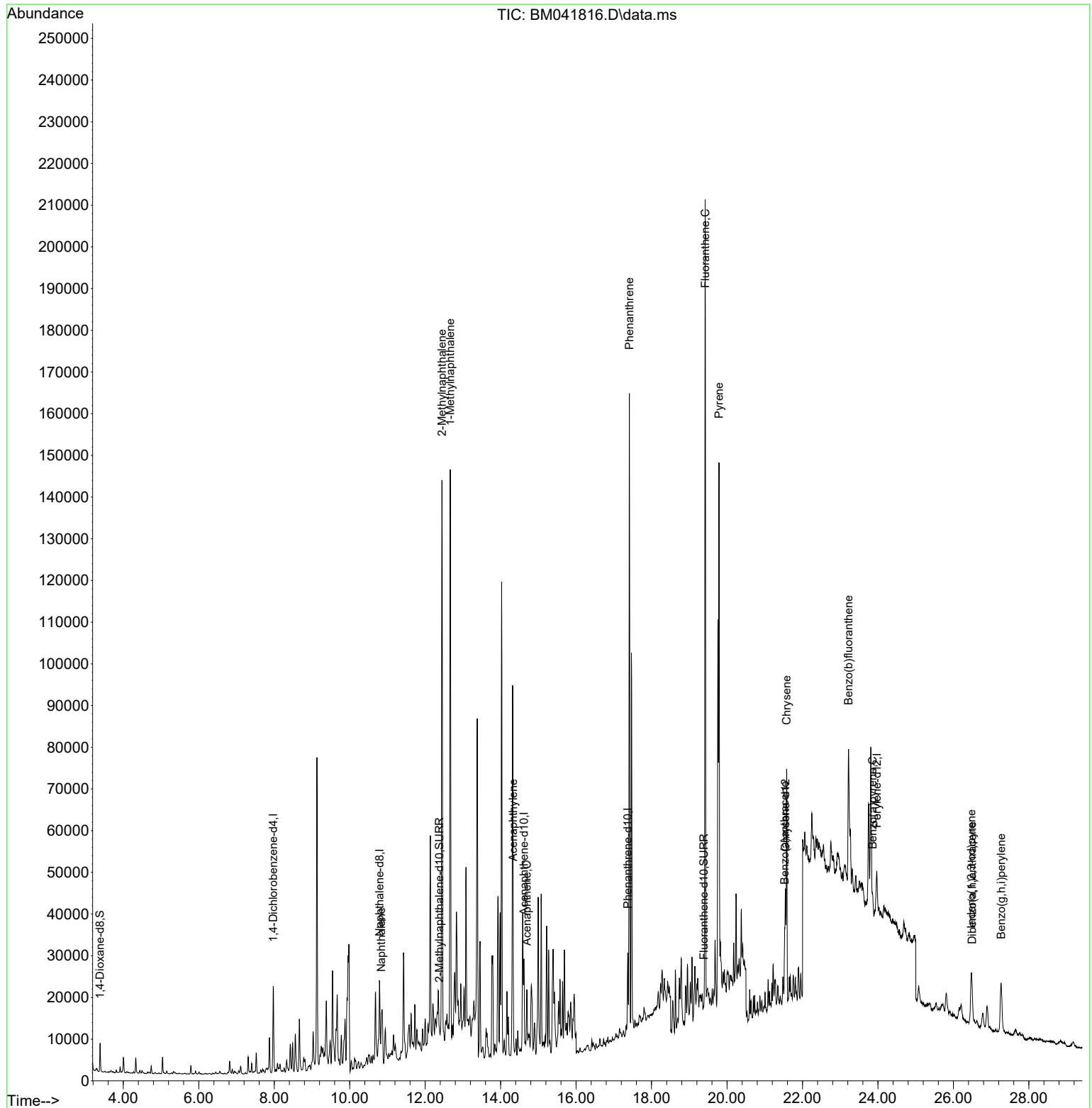
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	9490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	23521	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.620	164	12500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	20847	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	8669	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	9505	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3836	0.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1146	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	851	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	14592	0.189	ng/ul	97
7) 2-Methylnaphthalene	12.445	142	89062	2.031	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	87626	1.989	ng/ul	100
10) Acenaphthylene	14.333	152	4229	0.055	ng/ul#	1
11) Acenaphthene	14.694	153	4270	0.071	ng/ul#	41
15) Phenanthrene	17.413	178	153476	1.744	ng/ul	98
19) Fluoranthene	19.422	202	151169	1.477	ng/ul	100
20) Pyrene	19.789	202	99452	0.979	ng/ul	96
21) Benzo(a)anthracene	21.527	228	13088	0.185	ng/ul#	79
22) Chrysene	21.580	228	55111	0.722	ng/ul#	94
24) Benzo(b)fluoranthene	23.222	252	58311	0.686	ng/ul#	1
26) Benzo(a)pyrene	23.860	252	5440	0.079	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.478	276	21829	0.230	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.498	278	6044	0.091	ng/ul#	1
29) Benzo(g,h,i)perylene	27.263	276	26108	0.311	ng/ul#	61

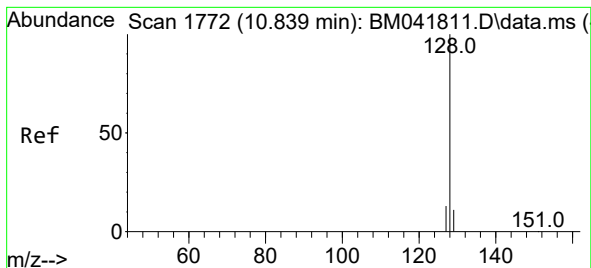
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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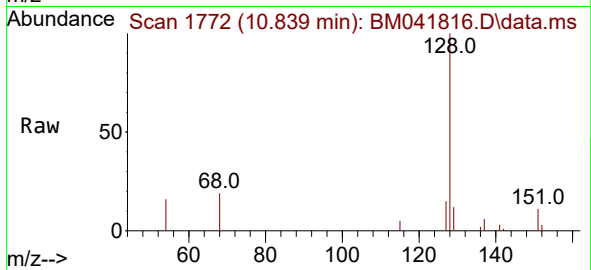
Quant Time: Sep 13 03:10:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration



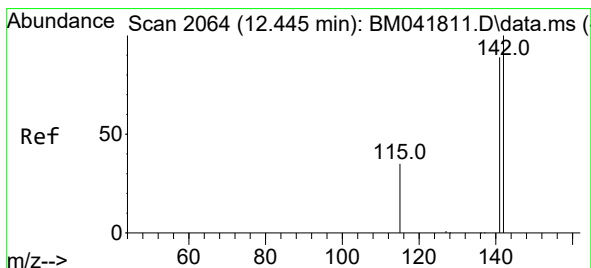
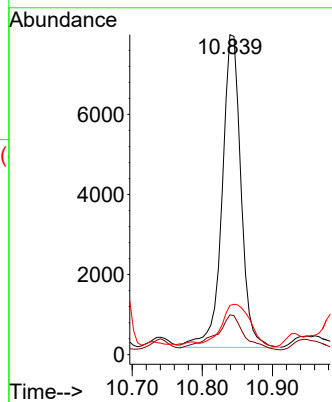
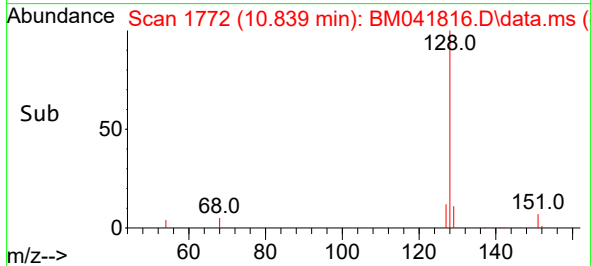


#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.839 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM041816.D
Acq: 12 Sep 2023 17:28

Instrument :
BNA_P
ClientSampleId :

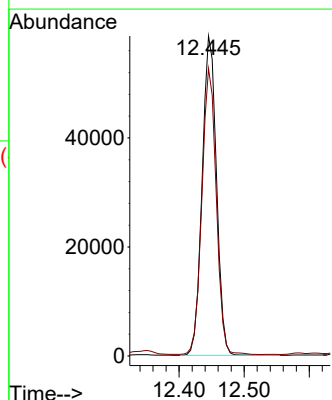
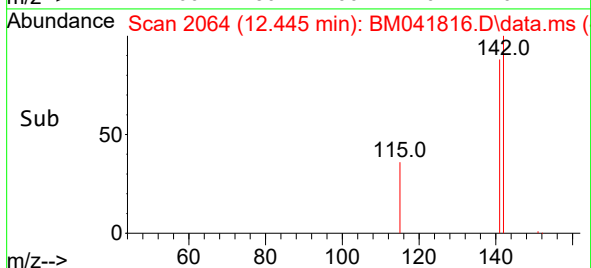
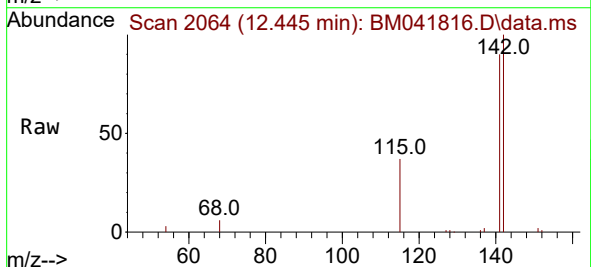


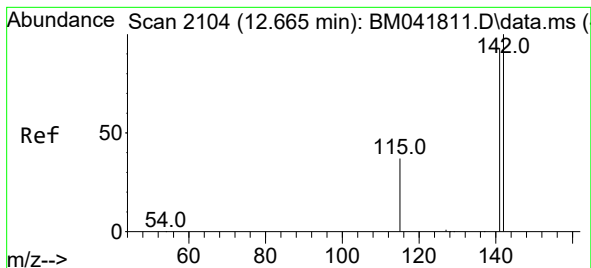
Tgt Ion:128 Resp: 14592
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 15.4 11.0 16.6



#7
2-Methylnaphthalene
Concen: 2.031 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM041816.D
Acq: 12 Sep 2023 17:28

Tgt Ion:142 Resp: 89062
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2





#8

1-Methylnaphthalene

Concen: 1.989 ng/ul

RT: 12.665 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

Instrument :

BNA_P

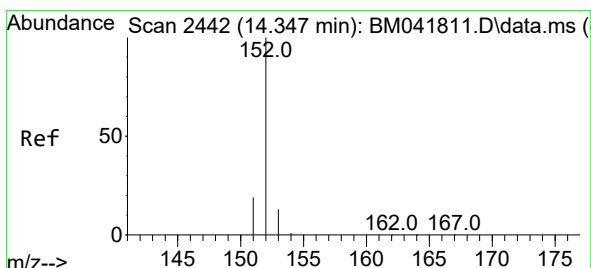
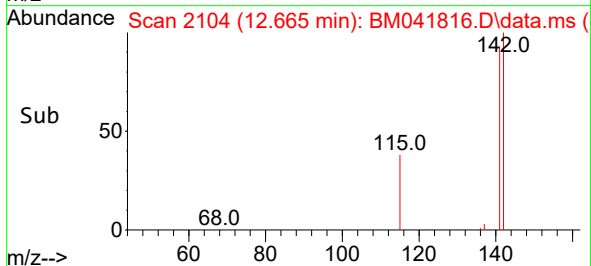
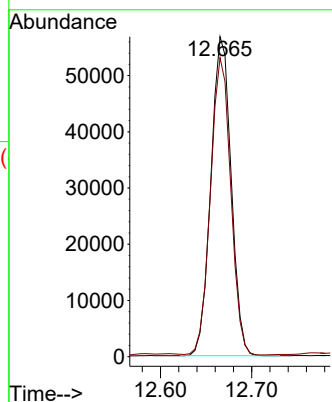
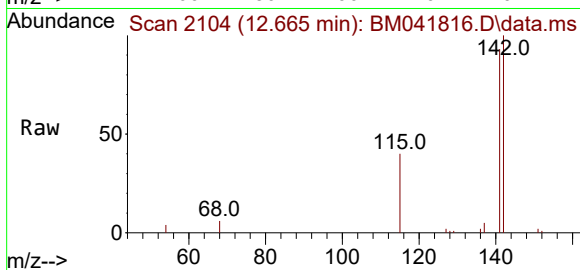
ClientSampleId :

Tgt Ion:142 Resp: 87626

Ion Ratio Lower Upper

142 100

141 93.0 74.4 111.6



#10

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.333 min Scan# 2439

Delta R.T. -0.019 min

Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

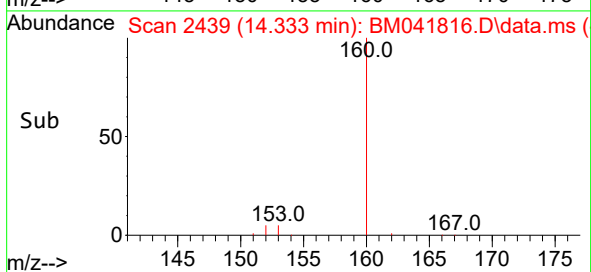
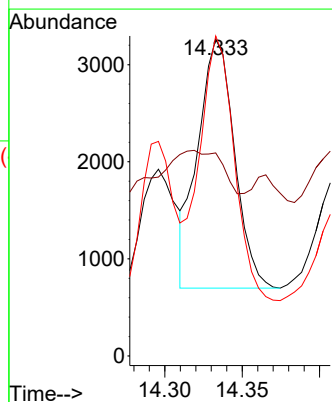
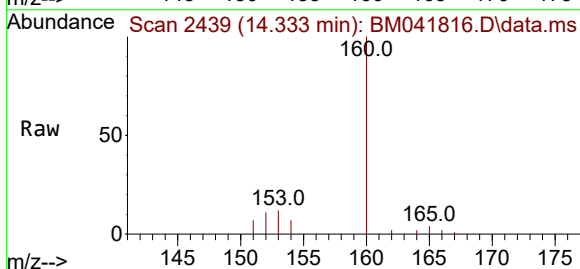
Tgt Ion:152 Resp: 4229

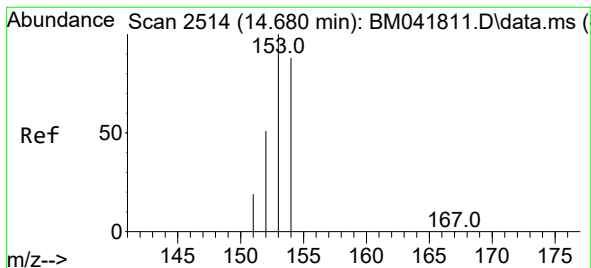
Ion Ratio Lower Upper

152 100

151 64.0 16.4 24.6#

153 100.9 11.1 16.7#





#11

Acenaphthene

Concen: 0.071 ng/ul

RT: 14.694 min Scan# 2517

Delta R.T. 0.009 min

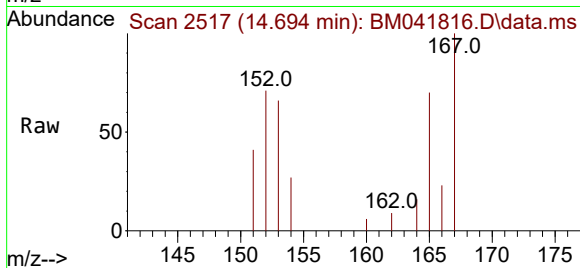
Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

Instrument :

BNA_P

ClientSampleId :



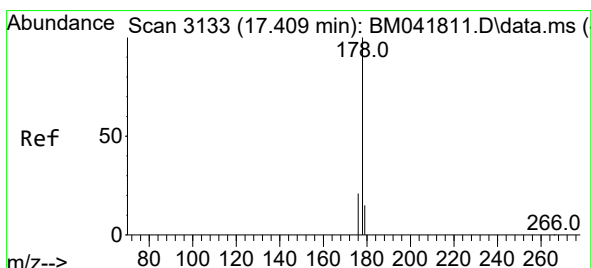
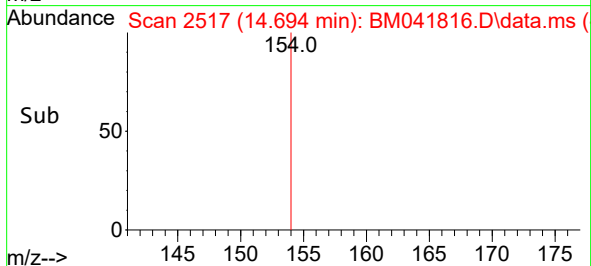
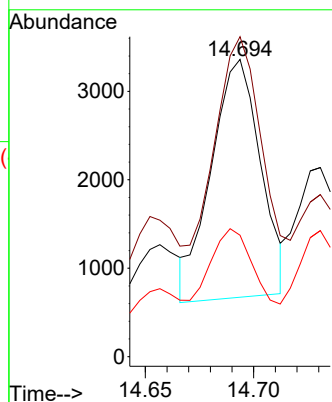
Tgt Ion:153 Resp: 4270

Ion Ratio Lower Upper

153 100

152 107.6 43.4 65.2#

154 40.8 69.4 104.0#



#15

Phenanthrene

Concen: 1.744 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

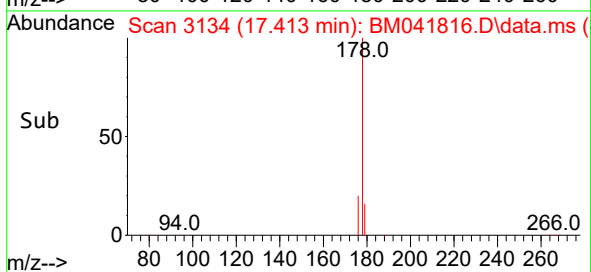
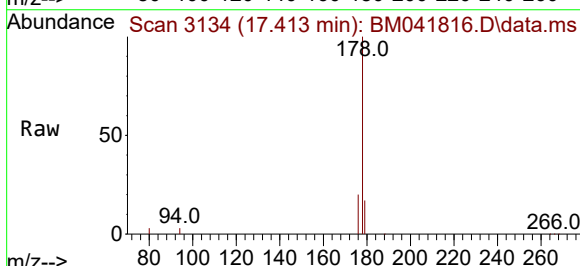
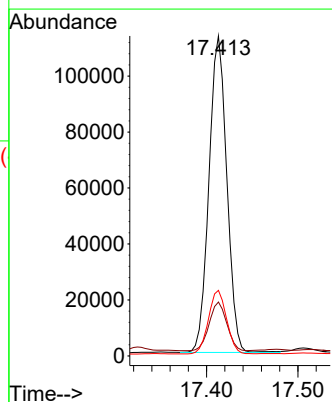
Tgt Ion:178 Resp: 153476

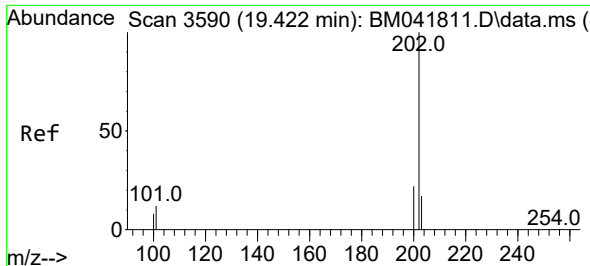
Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

176 20.5 16.9 25.3

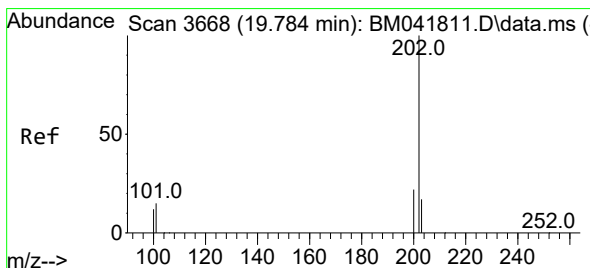
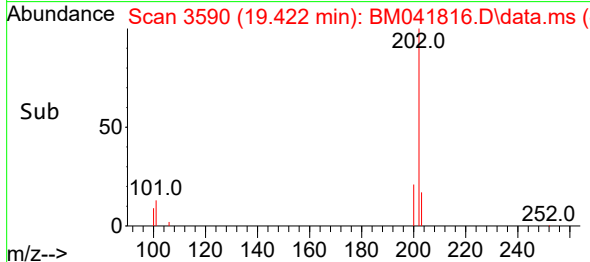
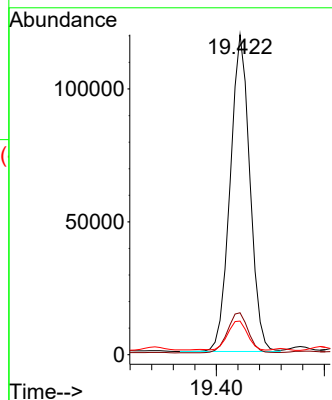
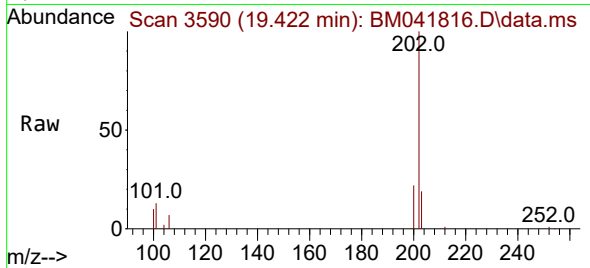




#19
Fluoranthene
Concen: 1.477 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041816.D
Acq: 12 Sep 2023 17:28

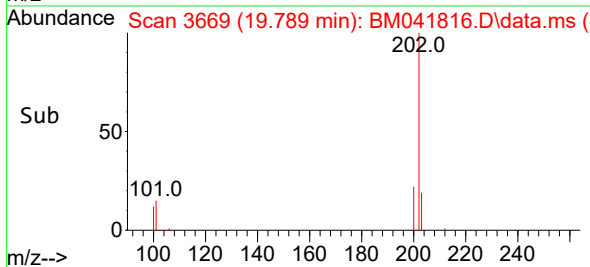
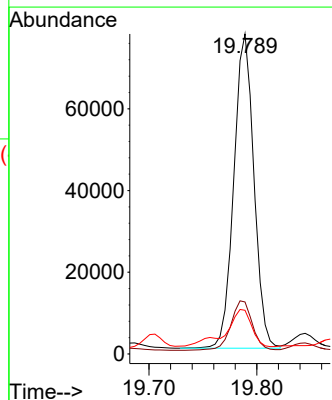
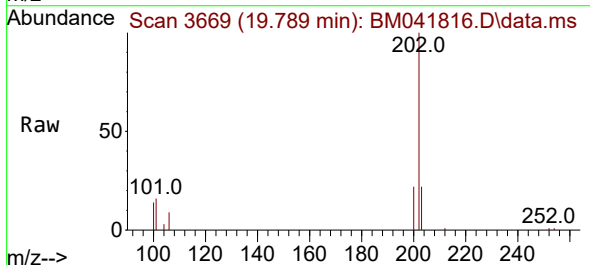
Instrument :
BNA_P
ClientSampleId :

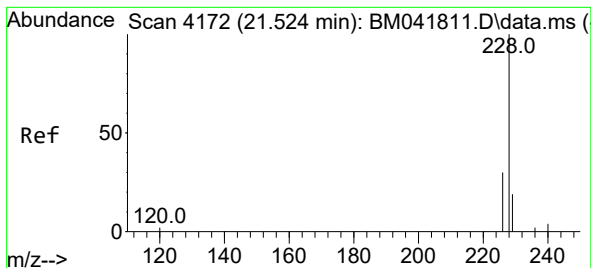
Tgt Ion:202 Resp: 151169
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 10.5 8.4 12.6



#20
Pyrene
Concen: 0.979 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041816.D
Acq: 12 Sep 2023 17:28

Tgt Ion:202 Resp: 99452
Ion Ratio Lower Upper
202 100
101 16.2 11.8 17.8
100 13.6 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.185 ng/ul

RT: 21.527 min Scan# 4172

Delta R.T. -0.000 min

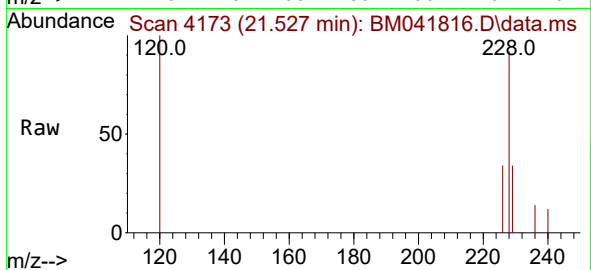
Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

Instrument :

BNA_P

ClientSampleId :



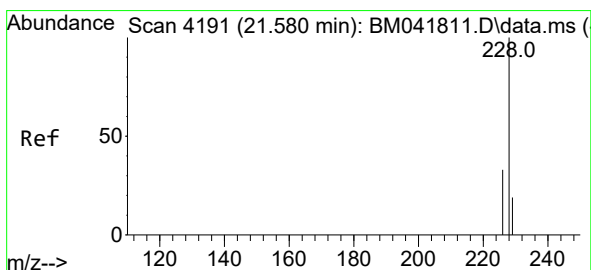
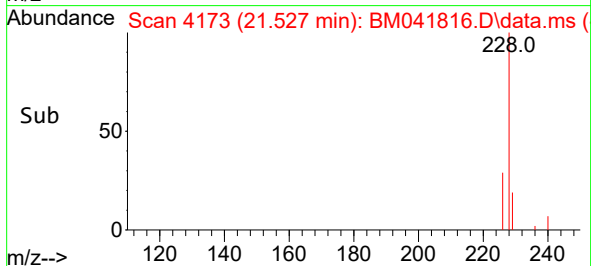
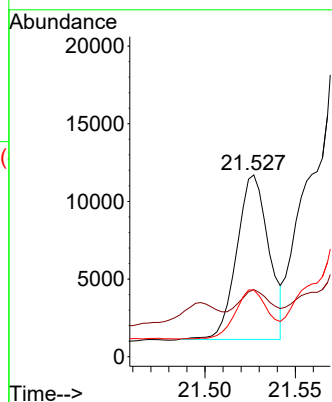
Tgt Ion:228 Resp: 13088

Ion Ratio Lower Upper

228 100

229 36.9 15.8 23.6#

226 36.7 24.8 37.2



#22

Chrysene

Concen: 0.722 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. -0.000 min

Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

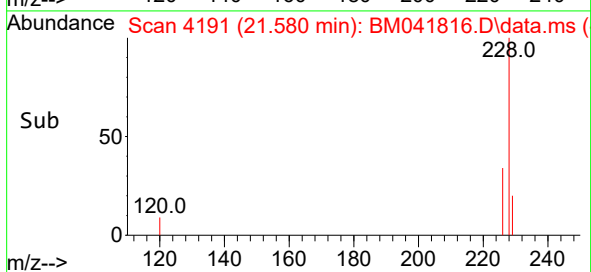
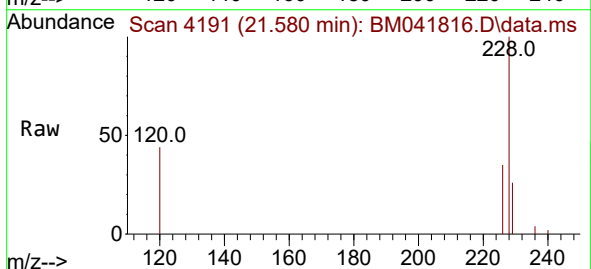
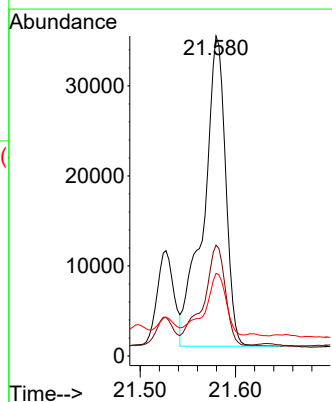
Tgt Ion:228 Resp: 55111

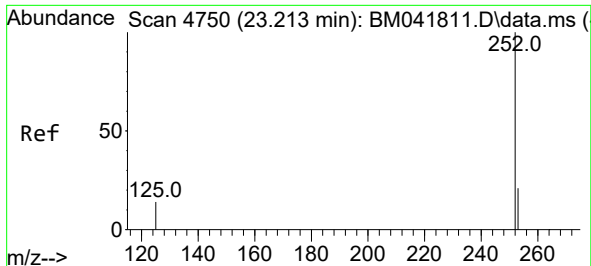
Ion Ratio Lower Upper

228 100

226 34.6 27.0 40.6

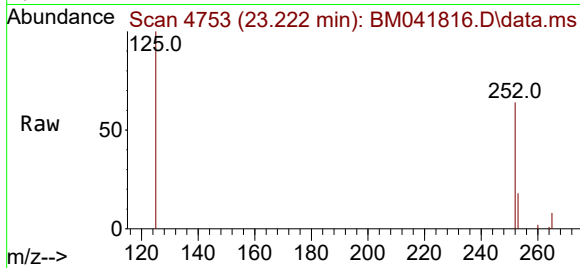
229 25.8 15.4 23.2#



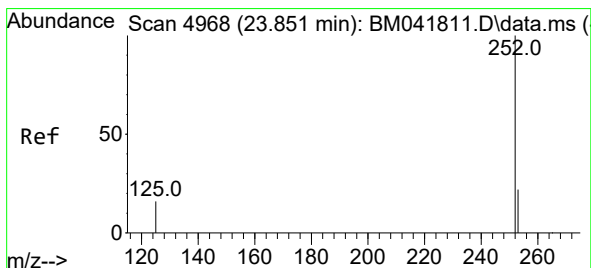
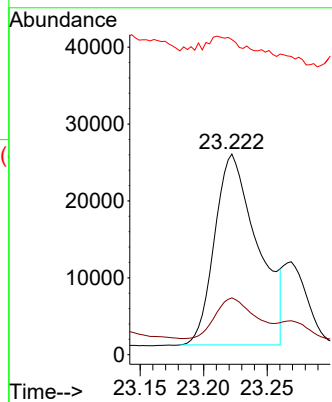
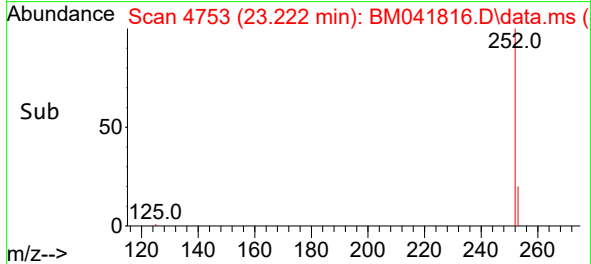


#24
Benzo(b)fluoranthene
Concen: 0.686 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BM041816.D
Acq: 12 Sep 2023 17:28

Instrument :
BNA_P
ClientSampleId :

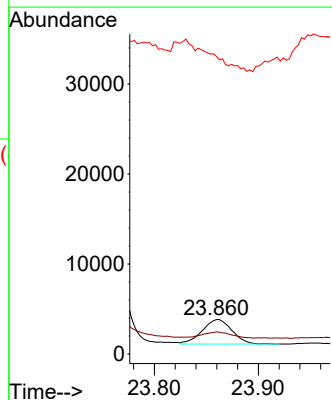
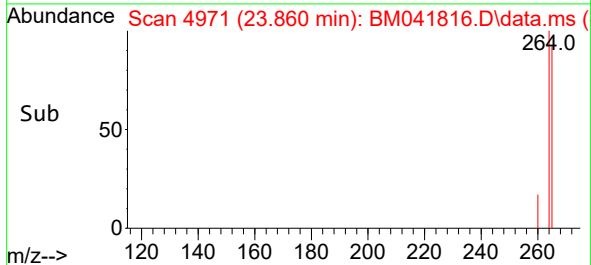
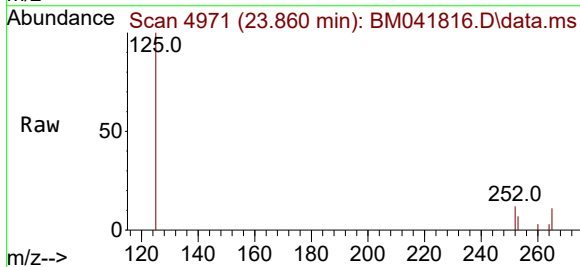


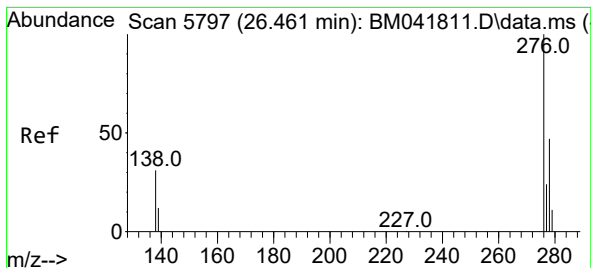
Tgt Ion:252 Resp: 58311
Ion Ratio Lower Upper
252 100
253 28.3 0.0 52.4
125 157.0 0.0 42.8#



#26
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 23.860 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM041816.D
Acq: 12 Sep 2023 17:28

Tgt Ion:252 Resp: 5440
Ion Ratio Lower Upper
252 100
253 64.1 22.4 33.6#
125 864.4 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.230 ng/ul

RT: 26.478 min Scan# 5

Delta R.T. 0.010 min

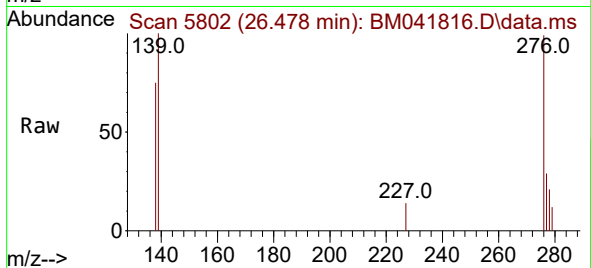
Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

Instrument :

BNA_P

ClientSampleId :



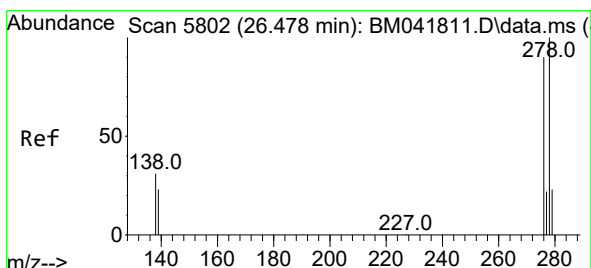
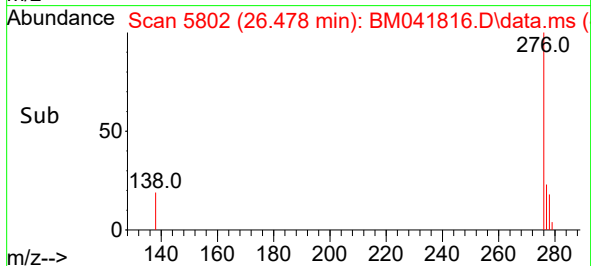
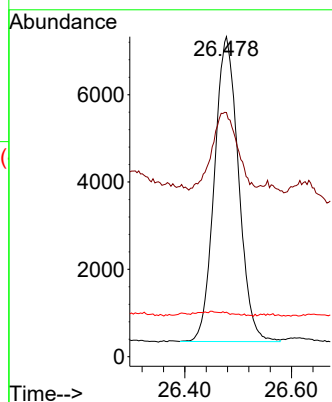
Tgt Ion:276 Resp: 21829

Ion Ratio Lower Upper

276 100

138 33.8 26.4 39.6

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.091 ng/ul

RT: 26.498 min Scan# 5808

Delta R.T. 0.013 min

Lab File: BM041816.D

Acq: 12 Sep 2023 17:28

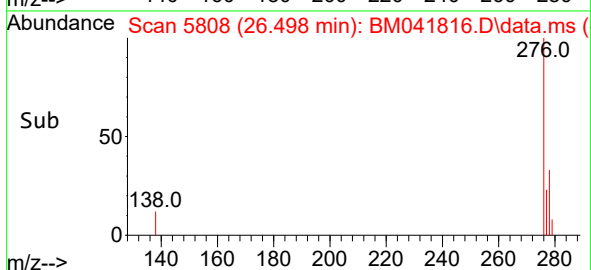
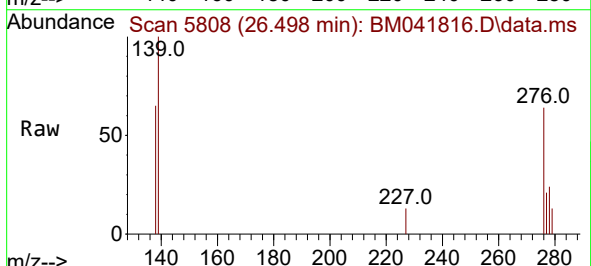
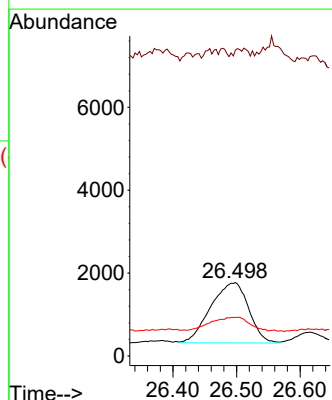
Tgt Ion:278 Resp: 6044

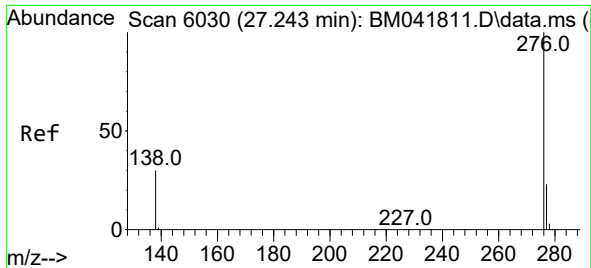
Ion Ratio Lower Upper

278 100

139 416.4 23.0 34.6#

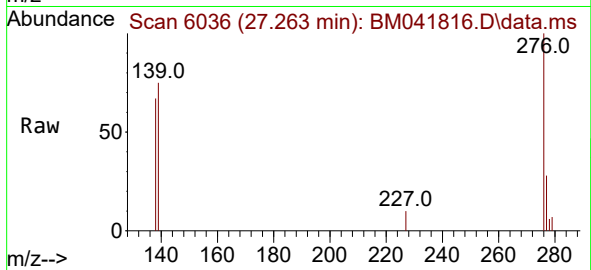
279 52.5 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.311 ng/ul
 RT: 27.263 min Scan# 6036
 Delta R.T. 0.017 min
 Lab File: BM041816.D
 Acq: 12 Sep 2023 17:28

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 26108
 Ion Ratio Lower Upper
 276 100
 138 67.1 25.0 37.4#
 277 28.0 20.2 30.2

