

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041814.D
 Acq On : 12 Sep 2023 16:13
 Operator : MA/JU
 Sample : 04235-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:10:15 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)

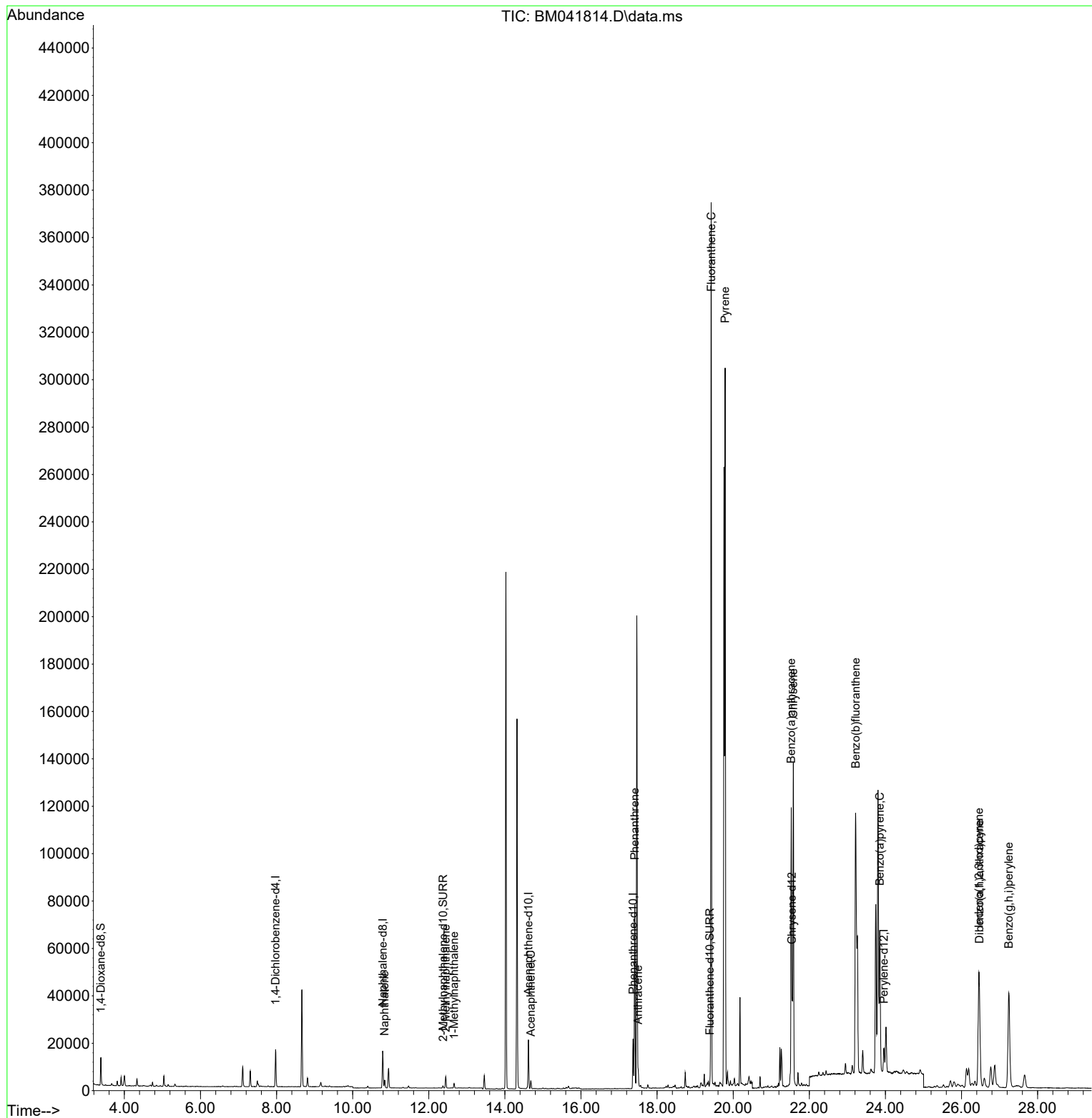
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	7645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	19770	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.620	164	10502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	22424	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	13032	0.400	ng/ul #	0.00
23) Perylene-d12	23.959	264	13493	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	6903	0.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1183	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	2244	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	4550	0.070	ng/ul	96
7) 2-Methylnaphthalene	12.445	142	3305	0.090	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	1301	0.035	ng/ul	100
11) Acenaphthene	14.680	153	1961	0.039	ng/ul	100
15) Phenanthrene	17.413	178	79574	0.840	ng/ul	98
16) Anthracene	17.502	178	6278	0.077	ng/ul	95
19) Fluoranthene	19.422	202	293800	1.910	ng/ul	98
20) Pyrene	19.789	202	233930	1.531	ng/ul	98
21) Benzo(a)anthracene	21.524	228	98412	0.926	ng/ul	99
22) Chrysene	21.580	228	131964	1.151	ng/ul	98
24) Benzo(b)fluoranthene	23.216	252	195794	1.622	ng/ul	91
26) Benzo(a)pyrene	23.854	252	85769	0.874	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.458	276	85842	0.638	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.471	278	19924	0.211	ng/ul	100
29) Benzo(g,h,i)perylene	27.243	276	86493	0.725	ng/ul	97

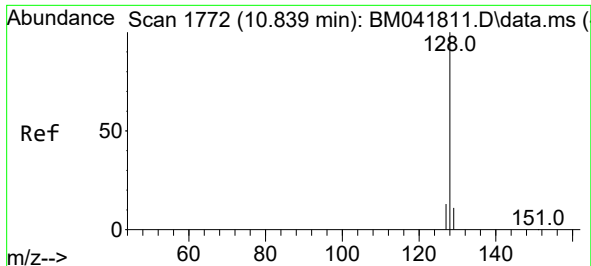
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
Data File : BM041814.D
Acq On : 12 Sep 2023 16:13
Operator : MA/JU
Sample : 04235-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 13 03:10:15 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

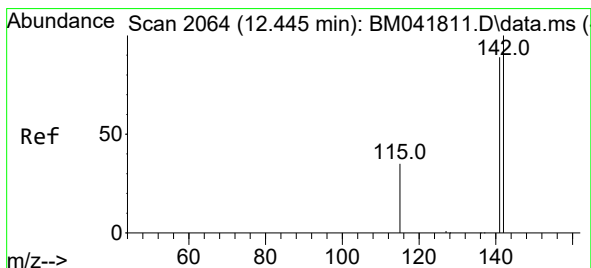
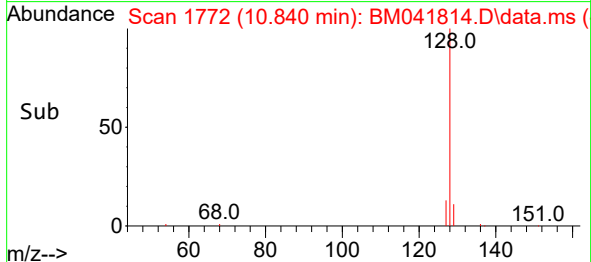
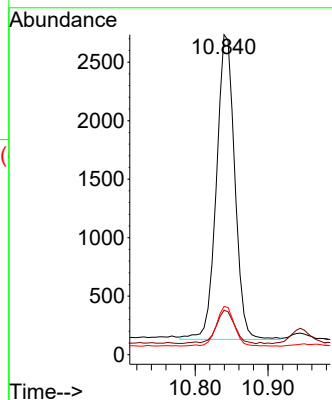
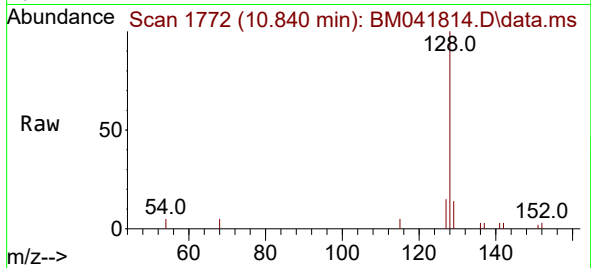




#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM041814.D
Acq: 12 Sep 2023 16:13

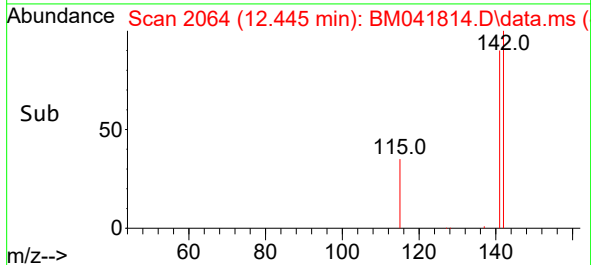
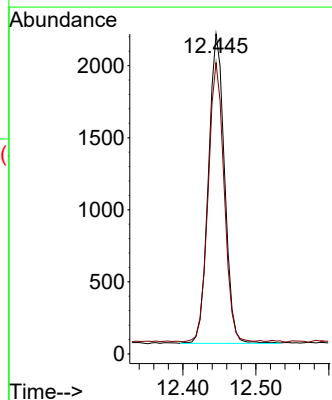
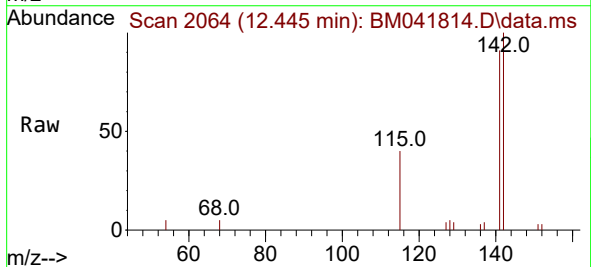
Instrument :
BNA_P
ClientSampleId :

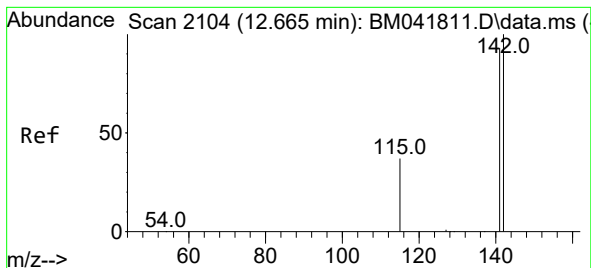
Tgt Ion:128 Resp: 4550
Ion Ratio Lower Upper
128 100
129 13.9 9.4 14.0
127 15.1 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM041814.D
Acq: 12 Sep 2023 16:13

Tgt Ion:142 Resp: 3305
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 12.665 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

Instrument :

BNA_P

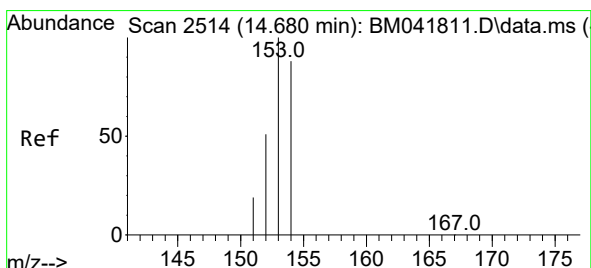
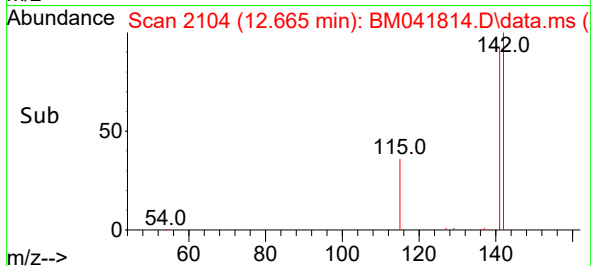
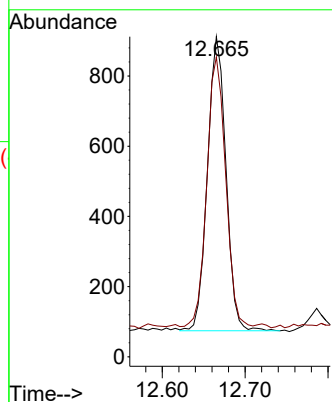
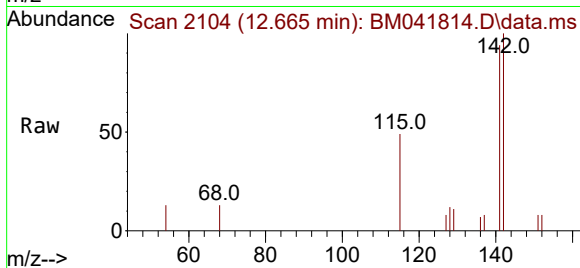
ClientSampleId :

Tgt Ion:142 Resp: 1301

Ion Ratio Lower Upper

142 100

141 92.9 74.4 111.6



#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.680 min Scan# 2514

Delta R.T. -0.005 min

Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

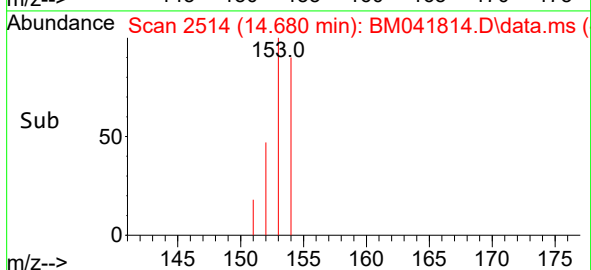
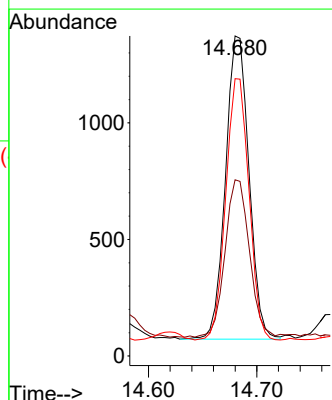
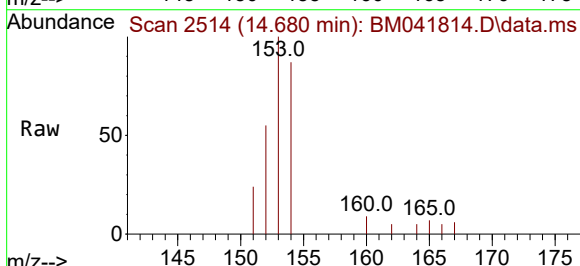
Tgt Ion:153 Resp: 1961

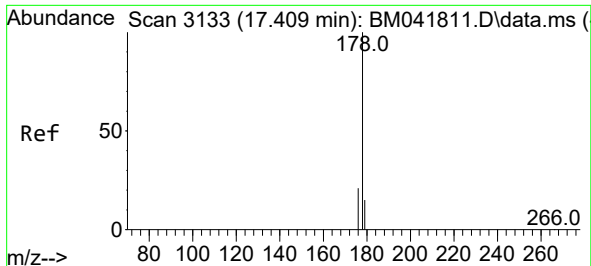
Ion Ratio Lower Upper

153 100

152 55.1 43.4 65.2

154 86.7 69.4 104.0

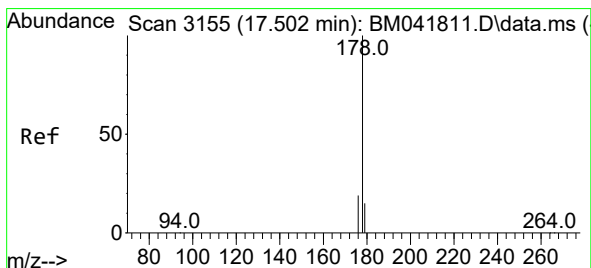
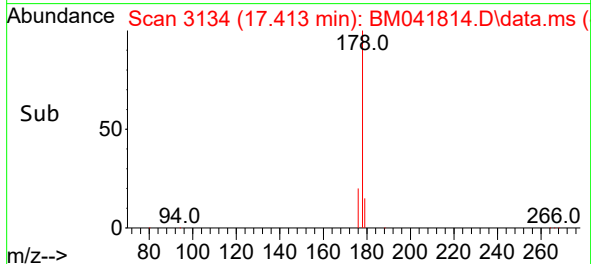
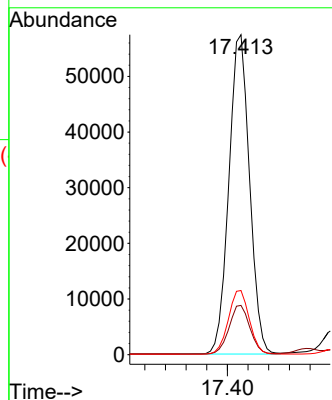
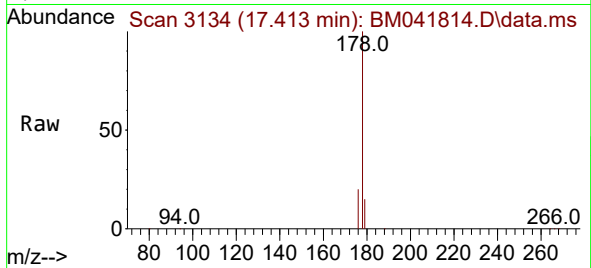




#15
Phenanthrene
Concen: 0.840 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM041814.D
Acq: 12 Sep 2023 16:13

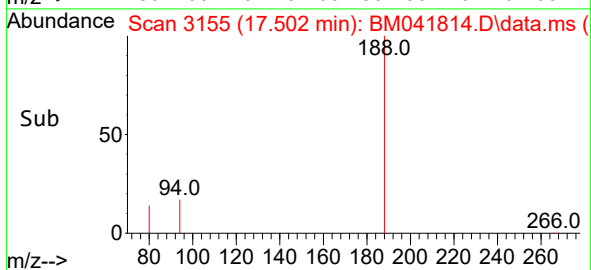
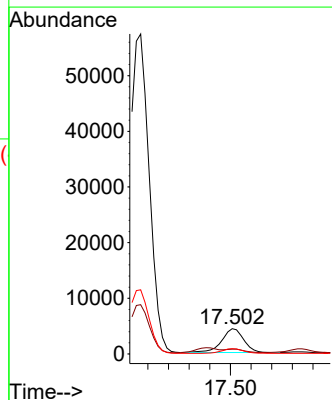
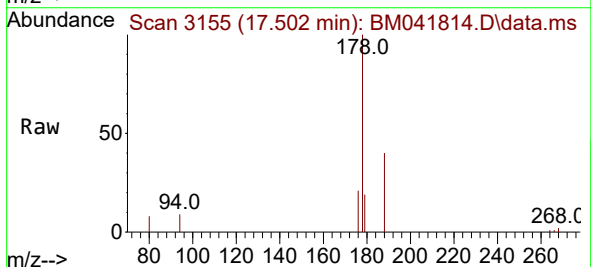
Instrument :
BNA_P
ClientSampleId :

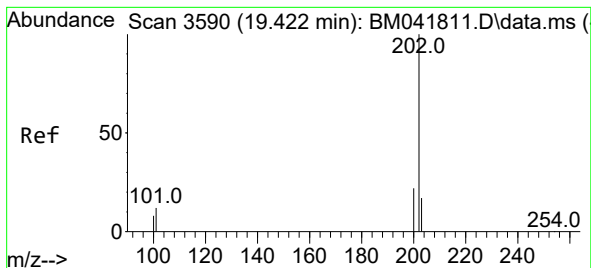
Tgt Ion:178 Resp: 79574
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 20.0 16.9 25.3



#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM041814.D
Acq: 12 Sep 2023 16:13

Tgt Ion:178 Resp: 6278
Ion Ratio Lower Upper
178 100
179 19.2 12.9 19.3
176 21.0 15.8 23.8





#19

Fluoranthene

Concen: 1.910 ng/ul

RT: 19.422 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

Instrument :

BNA_P

ClientSampleId :

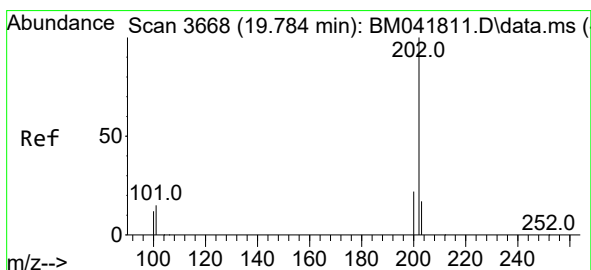
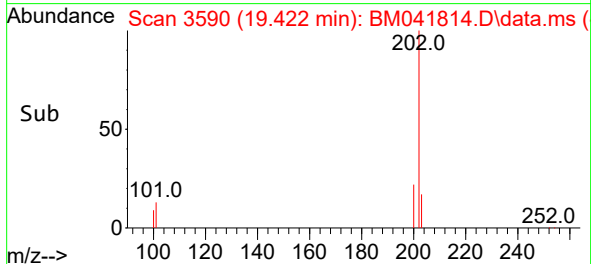
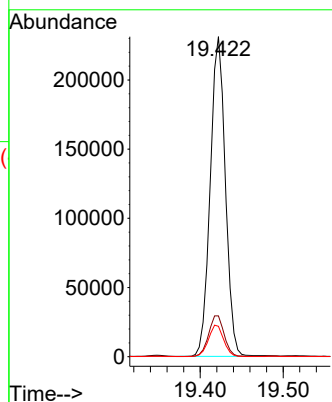
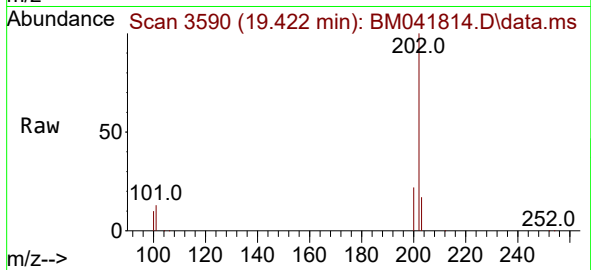
Tgt Ion:202 Resp: 293800

Ion Ratio Lower Upper

202 100

101 12.8 10.5 15.7

100 9.5 8.4 12.6



#20

Pyrene

Concen: 1.531 ng/ul

RT: 19.789 min Scan# 3669

Delta R.T. -0.000 min

Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

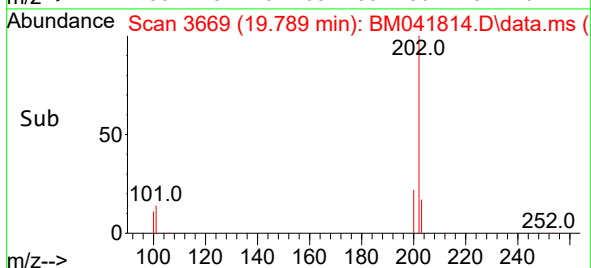
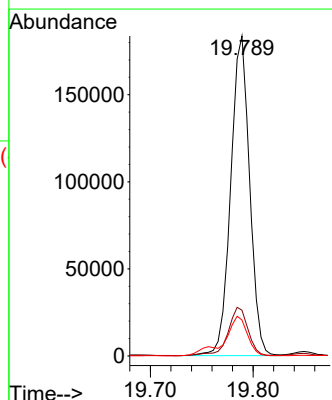
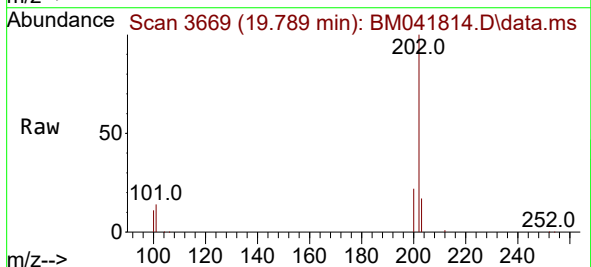
Tgt Ion:202 Resp: 233930

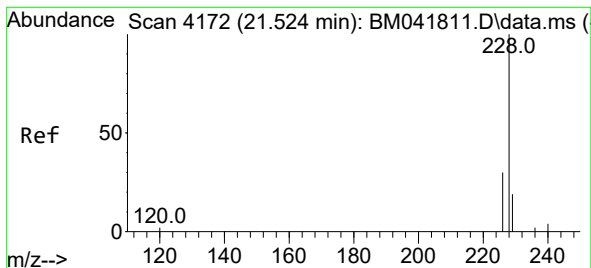
Ion Ratio Lower Upper

202 100

101 14.3 11.8 17.8

100 11.2 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.926 ng/ul

RT: 21.524 min Scan# 4172

Delta R.T. -0.003 min

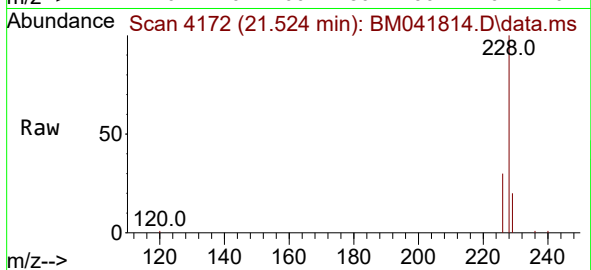
Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

Instrument :

BNA_P

ClientSampleId :



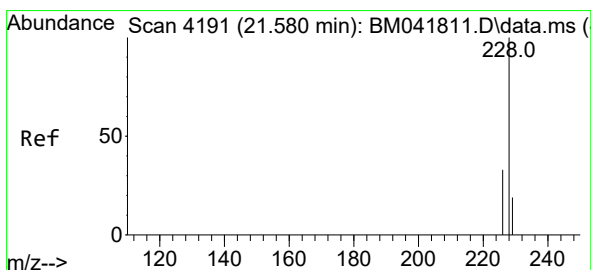
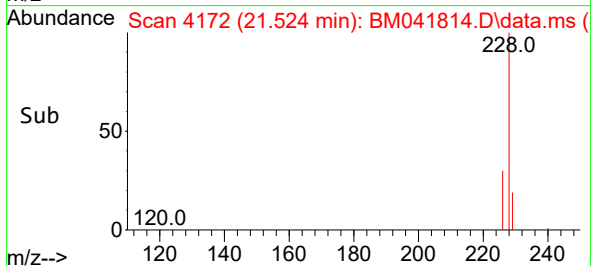
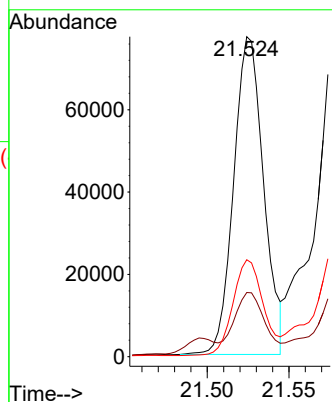
Tgt Ion:228 Resp: 98412

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 30.3 24.8 37.2



#22

Chrysene

Concen: 1.151 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. -0.000 min

Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

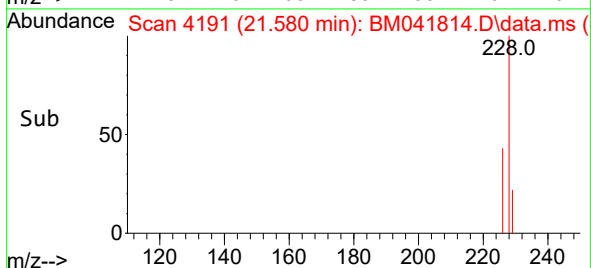
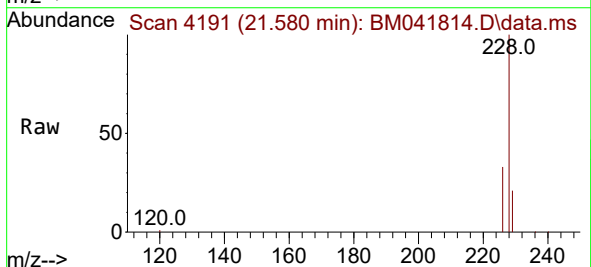
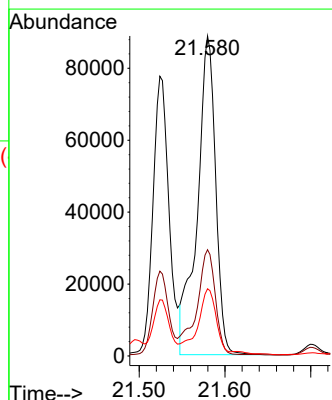
Tgt Ion:228 Resp: 131964

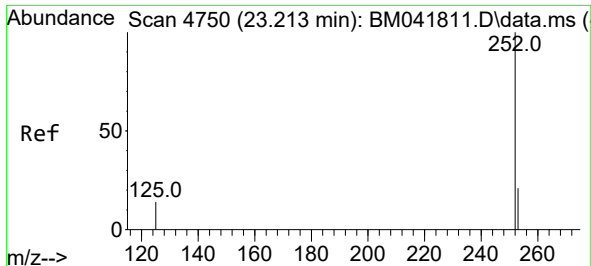
Ion Ratio Lower Upper

228 100

226 33.2 27.0 40.6

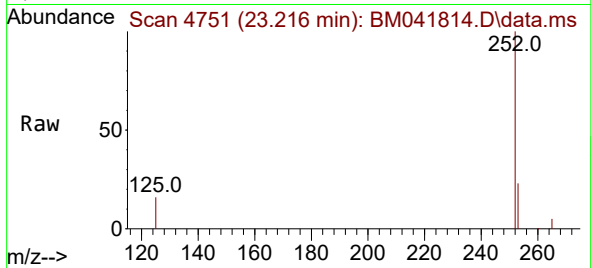
229 21.0 15.4 23.2



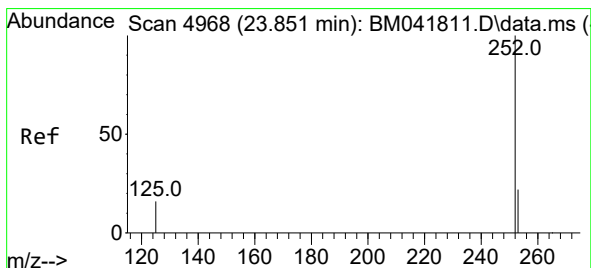
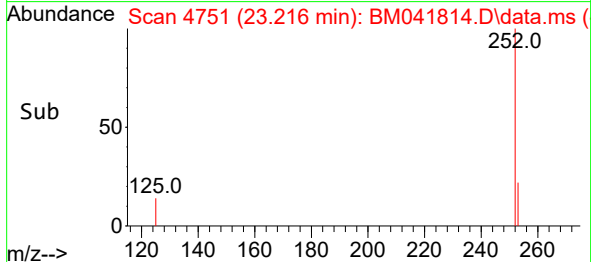
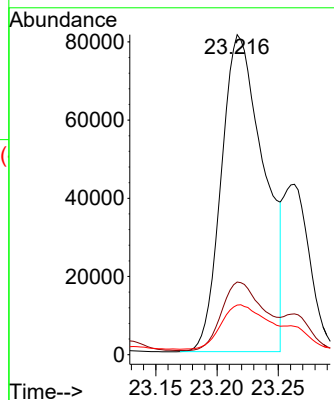


#24
Benzo(b)fluoranthene
Concen: 1.622 ng/ul
RT: 23.216 min Scan# 4751
Delta R.T. -0.000 min
Lab File: BM041814.D
Acq: 12 Sep 2023 16:13

Instrument :
BNA_P
ClientSampleId :

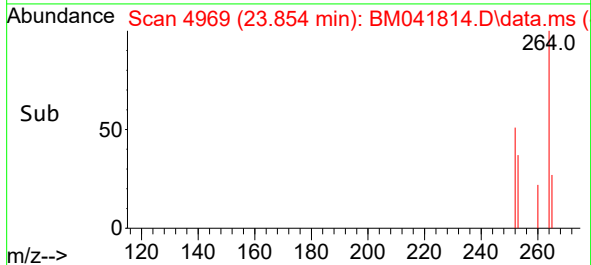
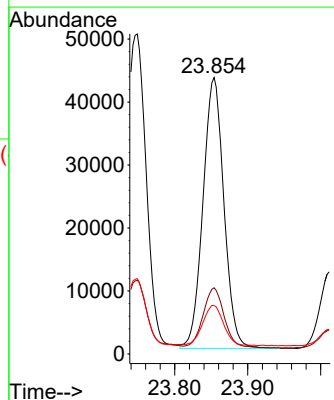
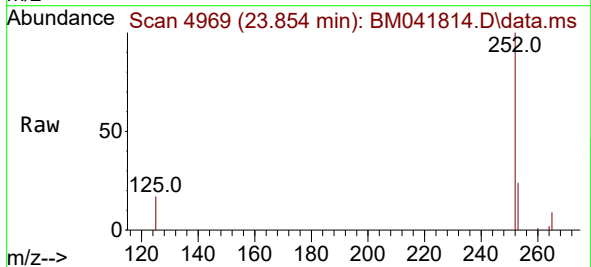


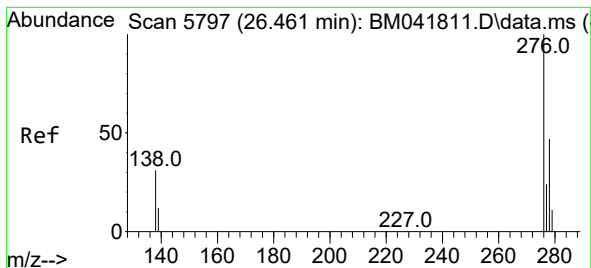
Tgt Ion:252 Resp: 195794
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.4
125 15.5 0.0 42.8



#26
Benzo(a)pyrene
Concen: 0.874 ng/ul
RT: 23.854 min Scan# 4969
Delta R.T. -0.000 min
Lab File: BM041814.D
Acq: 12 Sep 2023 16:13

Tgt Ion:252 Resp: 85769
Ion Ratio Lower Upper
252 100
253 24.0 22.4 33.6
125 17.5 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.638 ng/ul

RT: 26.458 min Scan# 51

Delta R.T. -0.010 min

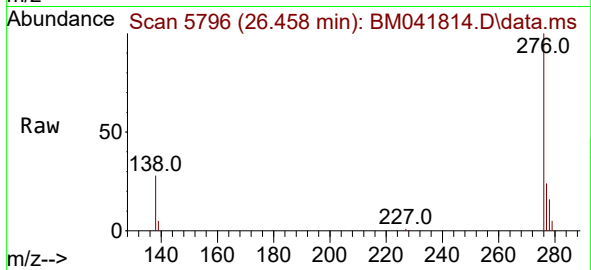
Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

Instrument :

BNA_P

ClientSampleId :



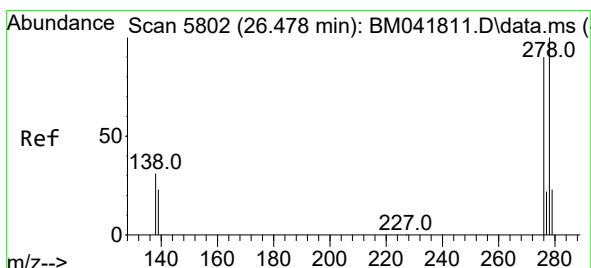
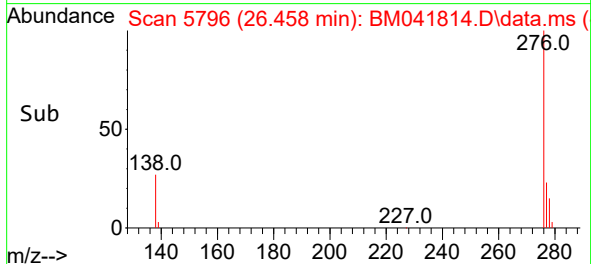
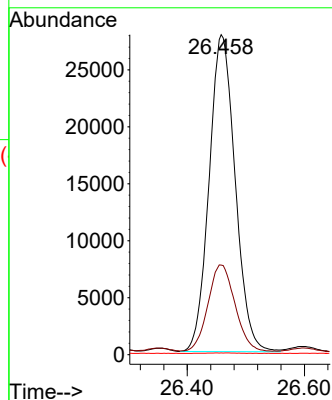
Tgt Ion:276 Resp: 85842

Ion Ratio Lower Upper

276 100

138 28.2 26.4 39.6

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.211 ng/ul

RT: 26.471 min Scan# 5800

Delta R.T. -0.013 min

Lab File: BM041814.D

Acq: 12 Sep 2023 16:13

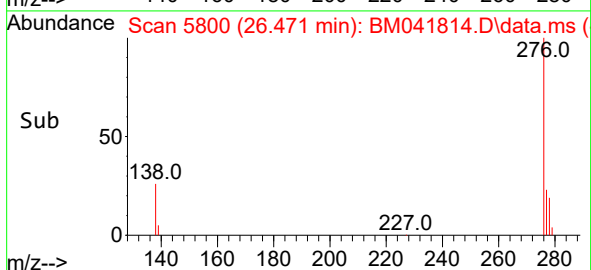
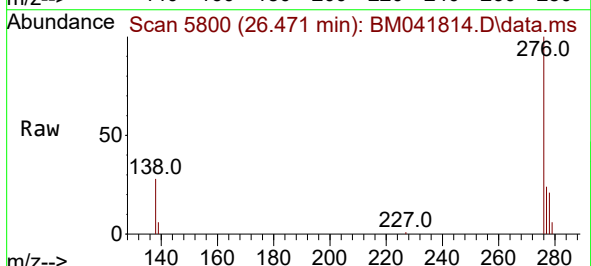
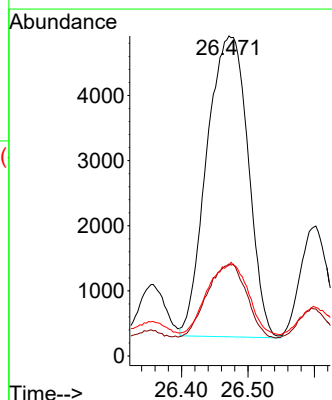
Tgt Ion:278 Resp: 19924

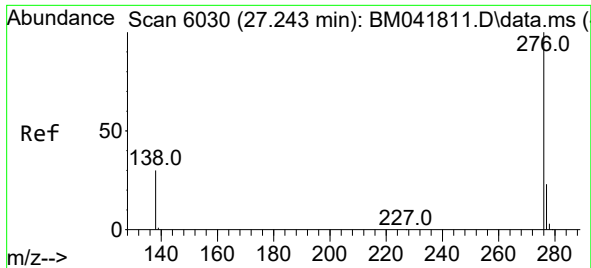
Ion Ratio Lower Upper

278 100

139 28.8 23.0 34.6

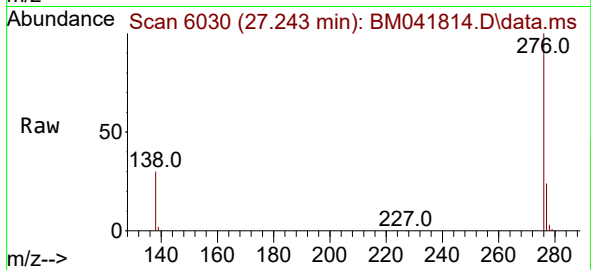
279 28.3 22.9 34.3





#29
 Benzo(g,h,i)perylene
 Concen: 0.725 ng/ul
 RT: 27.243 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: BM041814.D
 Acq: 12 Sep 2023 16:13

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 86493
 Ion Ratio Lower Upper
 276 100
 138 29.6 25.0 37.4
 277 23.9 20.2 30.2

