

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041811.D
 Acq On : 12 Sep 2023 14:21
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:09:48 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)

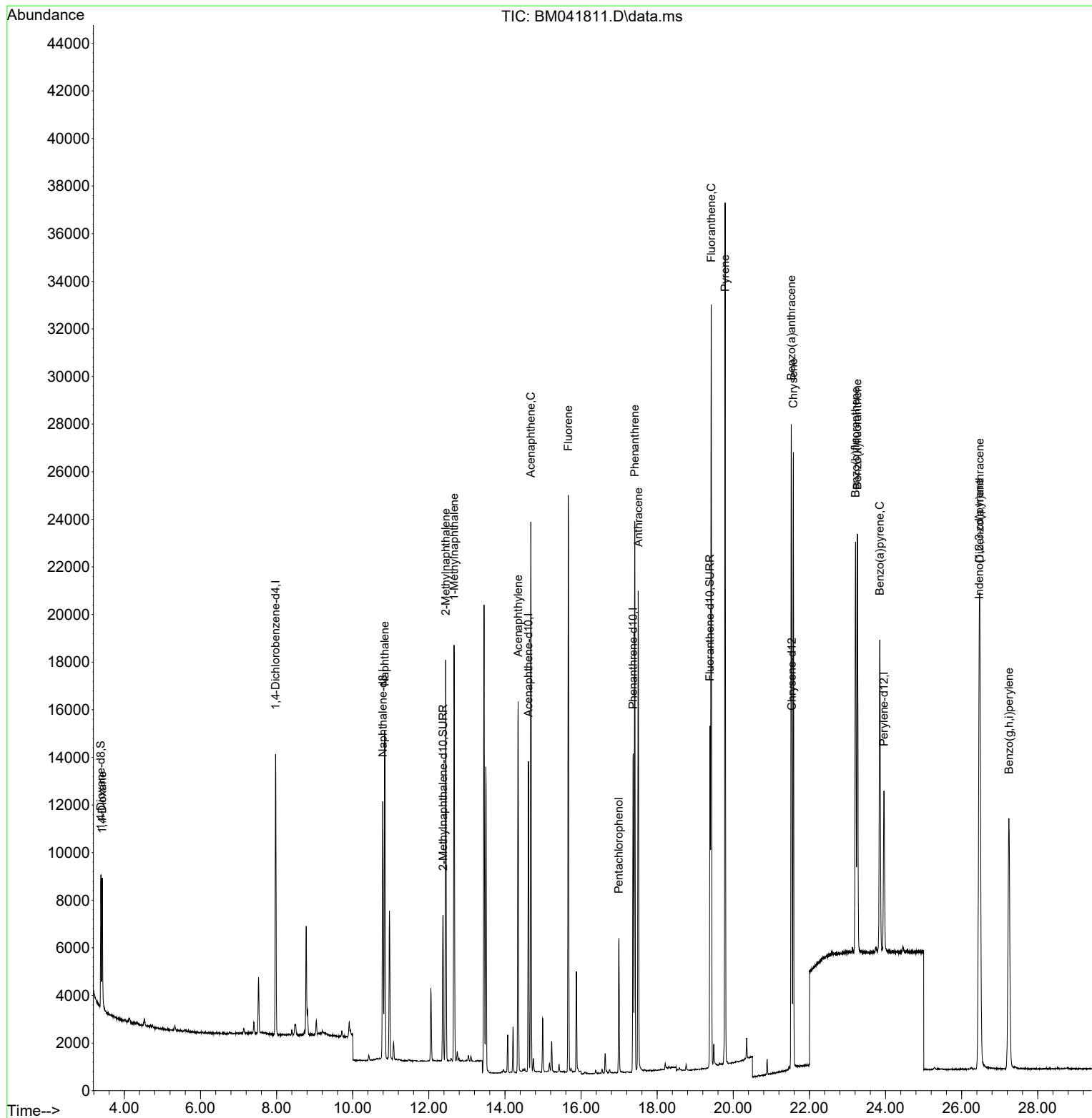
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	5836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	13736	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	6590	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	14069	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	8070	0.400	ng/ul	# 0.00
23) Perylene-d12	23.959	264	9158	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3158	0.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7696	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	12767	0.326	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	3250	0.351	ng/ul#	76
5) Naphthalene	10.839	128	18839	0.418	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	11315	0.442	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	11525	0.448	ng/ul	100
10) Acenaphthylene	14.347	152	17264	0.424	ng/ul	99
11) Acenaphthene	14.680	153	12902	0.407	ng/ul	98
12) Fluorene	15.665	166	14928	0.420	ng/ul	98
14) Pentachlorophenol	16.995	266	3575	0.635	ng/ul	99
15) Phenanthrene	17.409	178	23991	0.404	ng/ul	99
16) Anthracene	17.502	178	21793	0.428	ng/ul	99
19) Fluoranthene	19.422	202	26830	0.282	ng/ul	99
20) Pyrene	19.784	202	28011	0.296	ng/ul	98
21) Benzo(a)anthracene	21.524	228	21766	0.331	ng/ul	99
22) Chrysene	21.580	228	21361	0.301	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	22632	0.276	ng/ul	99
25) Benzo(k)fluoranthene	23.263	252	22417	0.279	ng/ul	98
26) Benzo(a)pyrene	23.851	252	19458	0.292	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.461	276	27274	0.299	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.478	278	20338	0.318	ng/ul	94
29) Benzo(g,h,i)perylene	27.243	276	22617	0.279	ng/ul	99

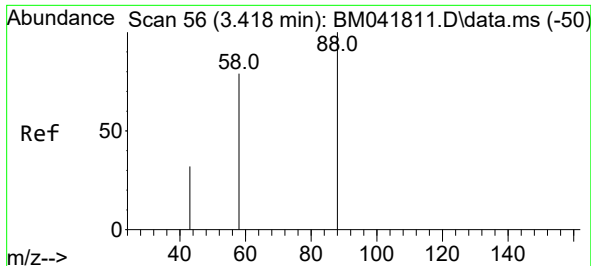
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
Data File : BM041811.D
Acq On : 12 Sep 2023 14:21
Operator : MA/JU
Sample : SSTCCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

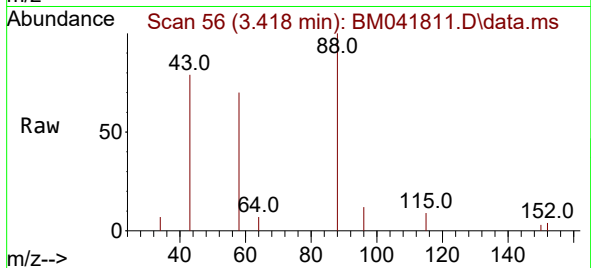
Quant Time: Sep 13 03:09:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration



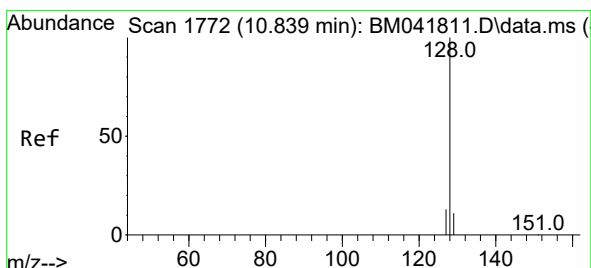
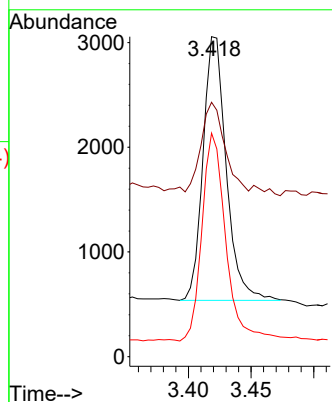
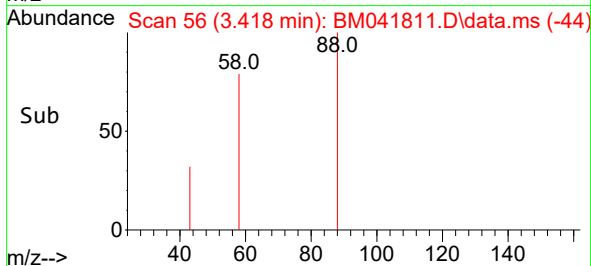


#2
1,4-Dioxane
Concen: 0.351 ng/ul
RT: 3.418 min Scan# 56
Delta R.T. -0.009 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Instrument :
BNA_P
ClientSampleId :

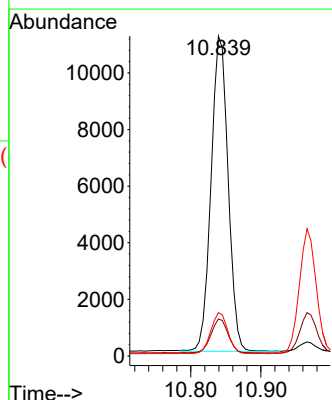
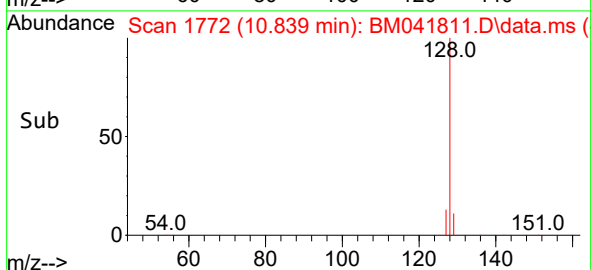
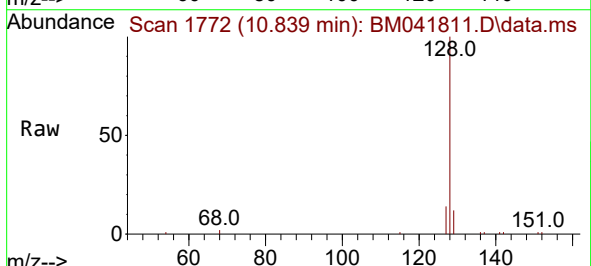


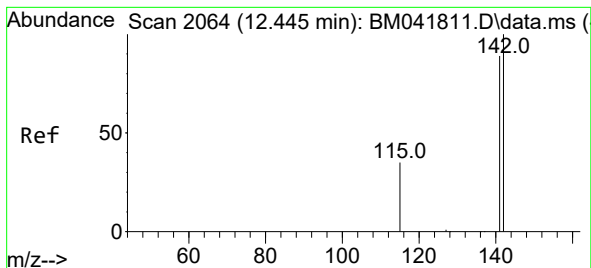
Tgt Ion: 88 Resp: 3250
Ion Ratio Lower Upper
88 100
43 79.5 33.8 50.6#
58 69.9 54.2 81.2



#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.839 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Tgt Ion: 128 Resp: 18839
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6

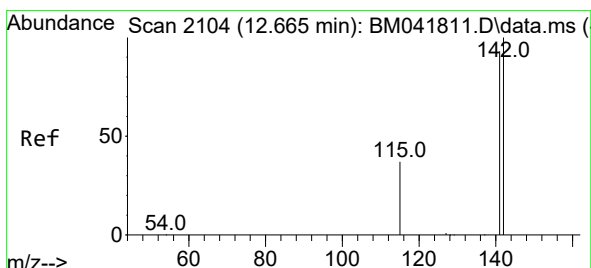
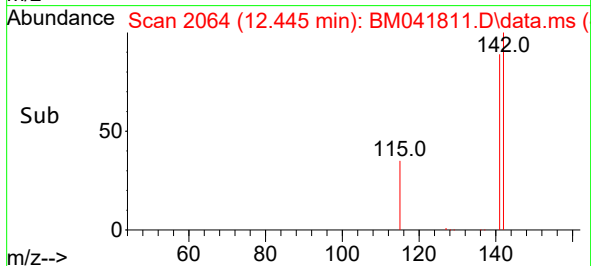
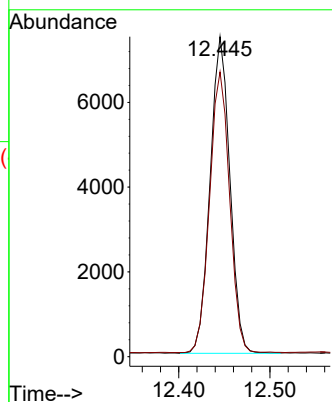
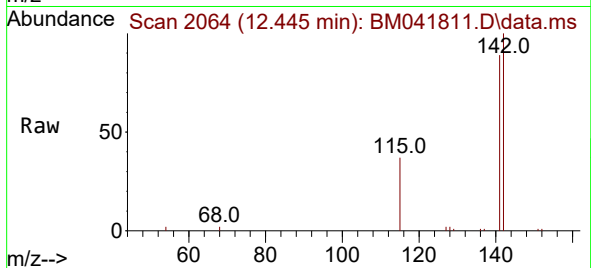




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

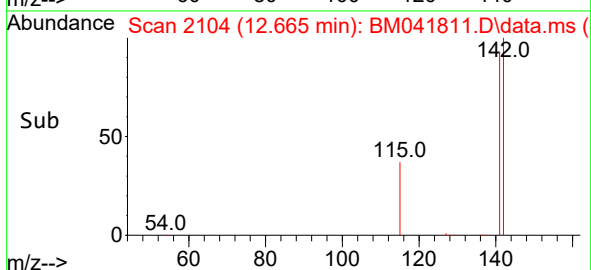
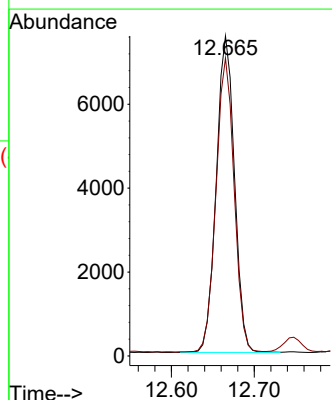
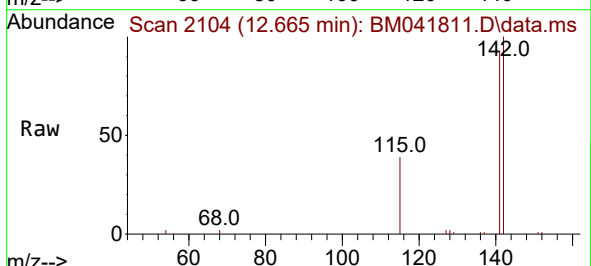
Instrument :
BNA_P
ClientSampleId :

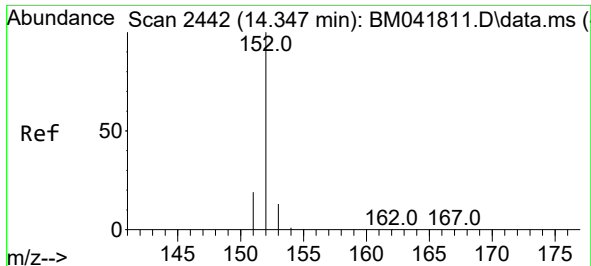
Tgt Ion:142 Resp: 11315
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Tgt Ion:142 Resp: 11525
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6

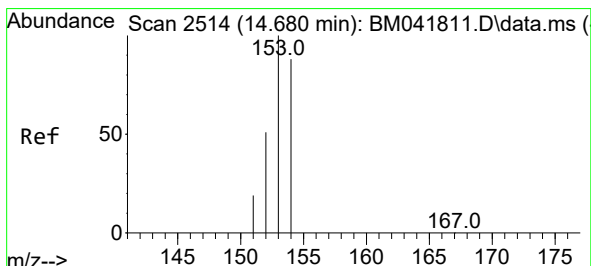
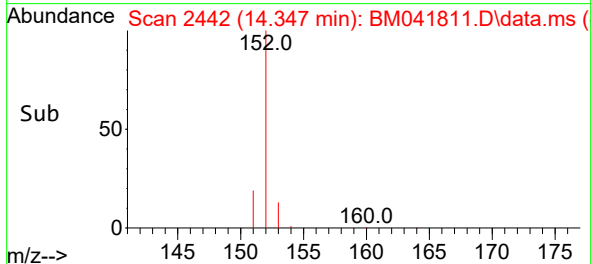
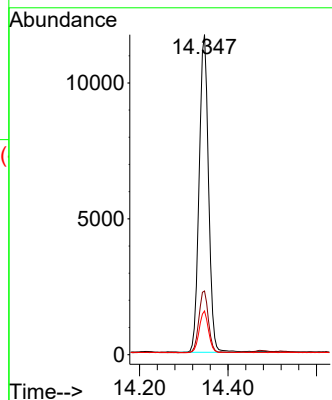
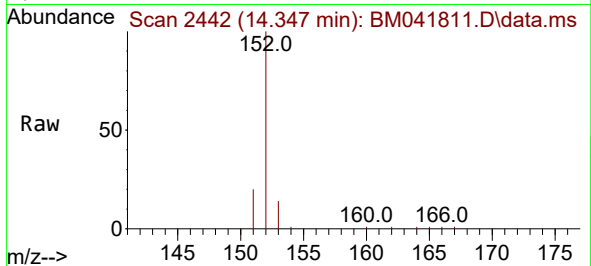




#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

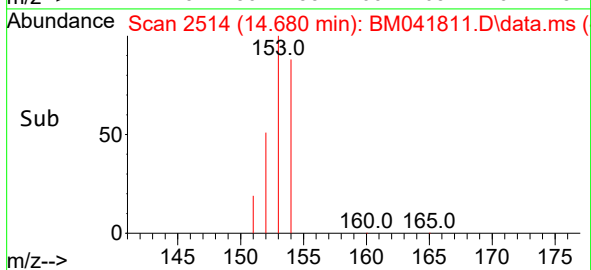
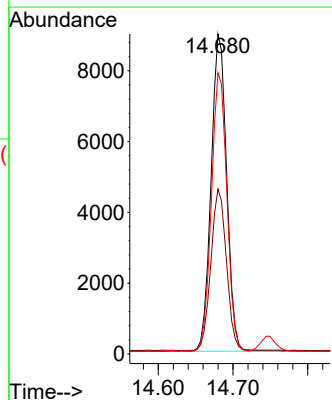
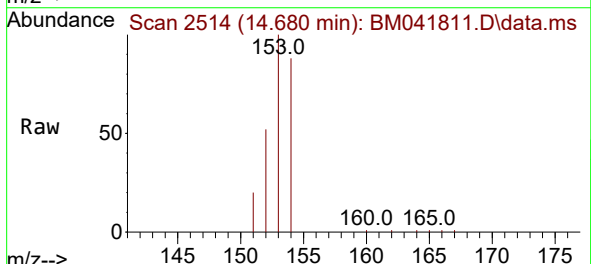
Instrument :
BNA_P
ClientSampleId :

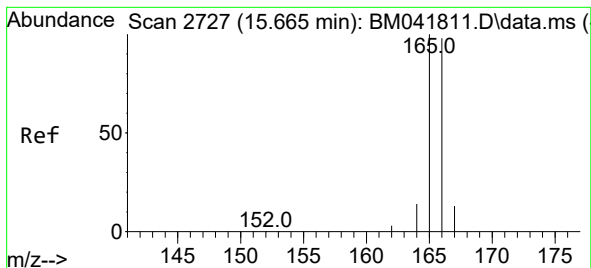
Tgt Ion:152 Resp: 17264
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Tgt Ion:153 Resp: 12902
Ion Ratio Lower Upper
153 100
152 51.5 43.4 65.2
154 87.9 69.4 104.0





#12

Fluorene

Concen: 0.420 ng/ul

RT: 15.665 min Scan# 2727

Delta R.T. -0.005 min

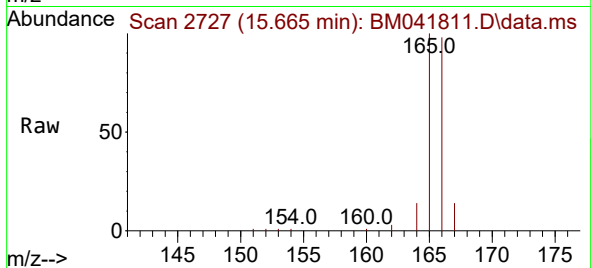
Lab File: BM041811.D

Acq: 12 Sep 2023 14:21

Instrument :

BNA_P

ClientSampleId :



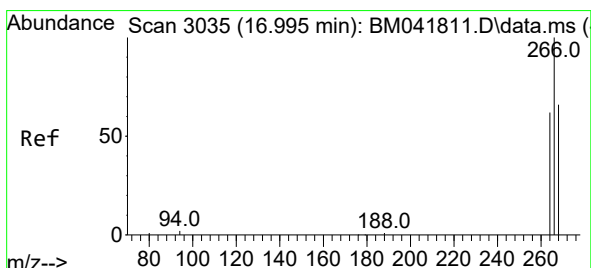
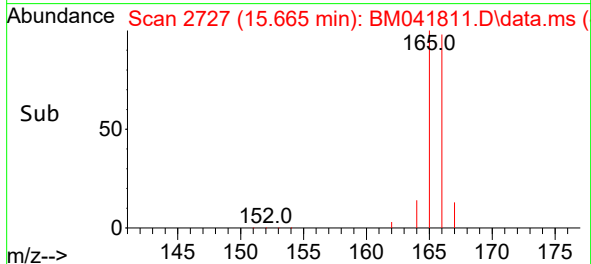
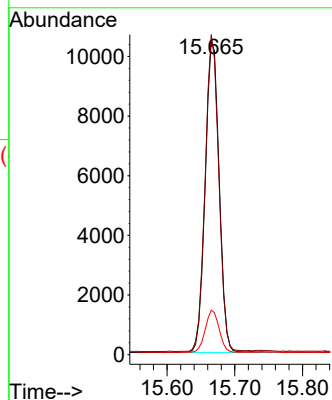
Tgt Ion:166 Resp: 14928

Ion Ratio Lower Upper

166 100

165 102.1 79.4 119.2

167 14.2 11.3 16.9



#14

Pentachlorophenol

Concen: 0.635 ng/ul

RT: 16.995 min Scan# 3035

Delta R.T. -0.000 min

Lab File: BM041811.D

Acq: 12 Sep 2023 14:21

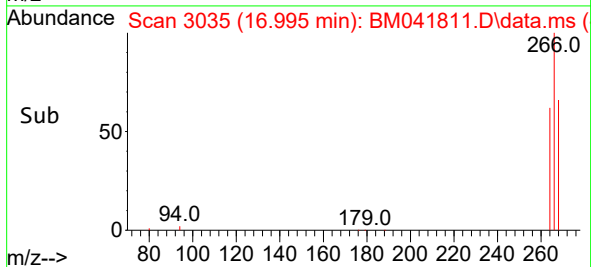
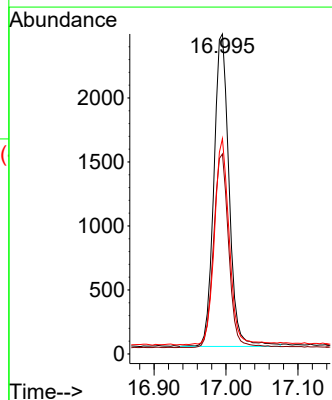
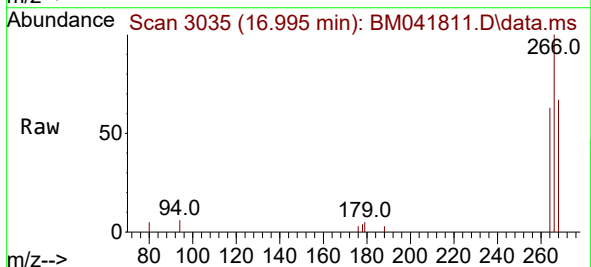
Tgt Ion:266 Resp: 3575

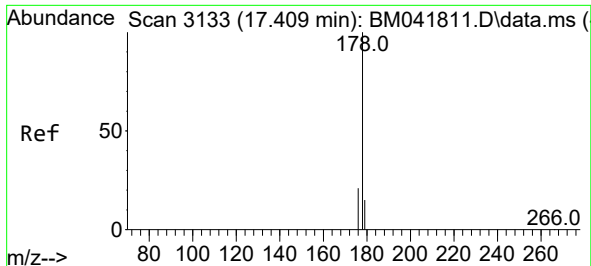
Ion Ratio Lower Upper

266 100

264 61.8 50.0 75.0

268 64.8 50.8 76.2

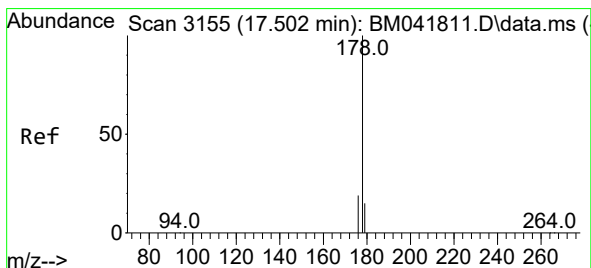
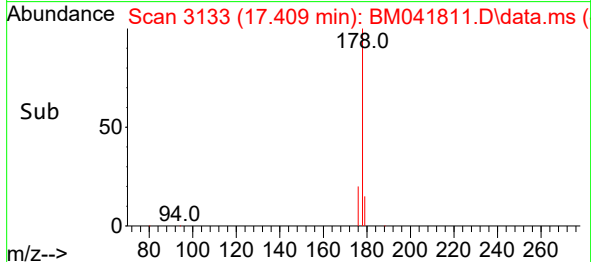
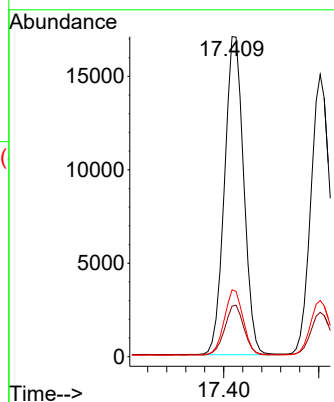
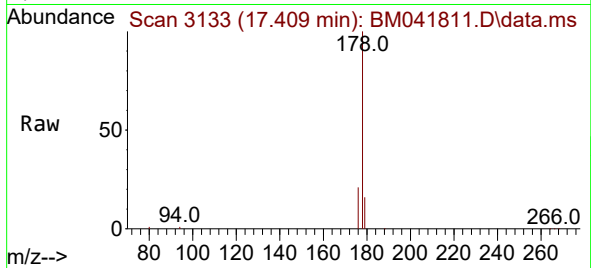




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

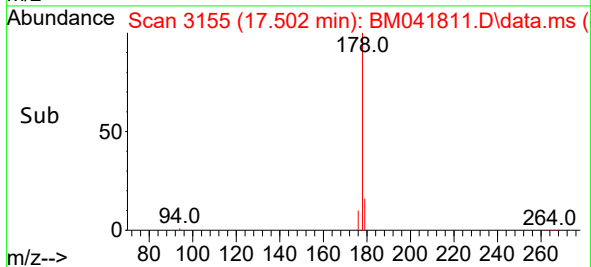
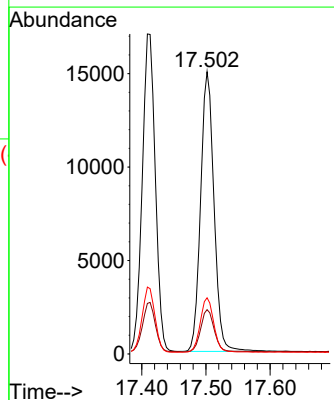
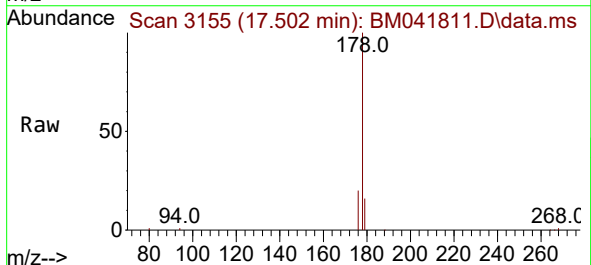
Instrument :
BNA_P
ClientSampleId :

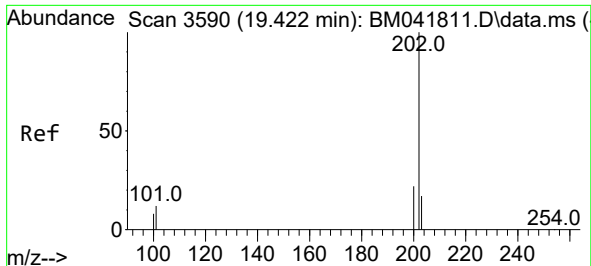
Tgt Ion:	178	Resp:	23991
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	20.9	16.9	25.3



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Tgt Ion:	178	Resp:	21793
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	19.9	15.8	23.8

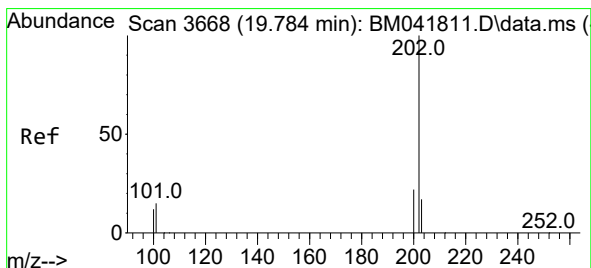
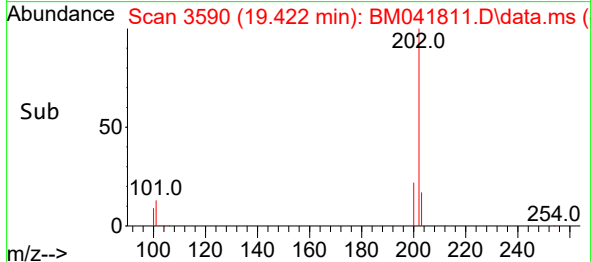
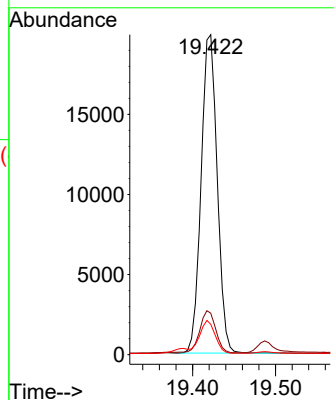
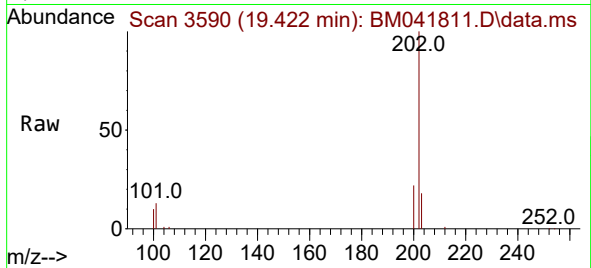




#19
Fluoranthene
Concen: 0.282 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

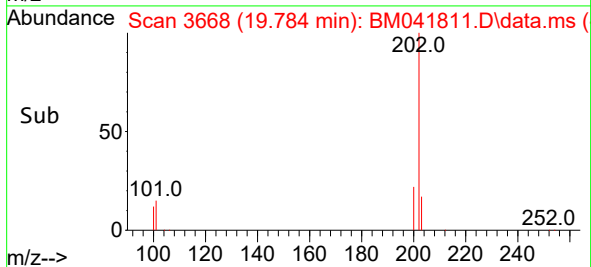
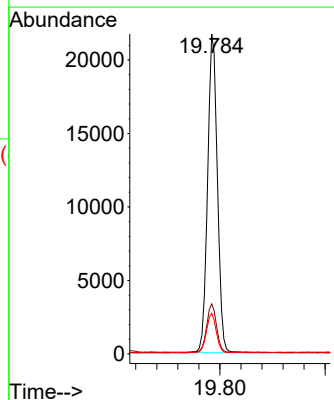
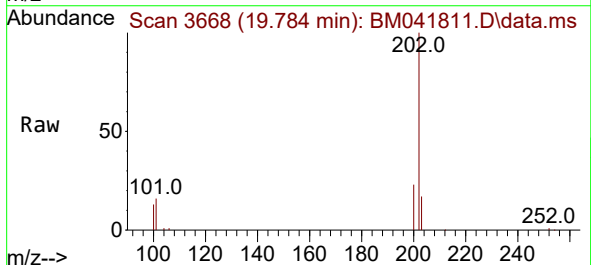
Instrument :
BNA_P
ClientSampleId :

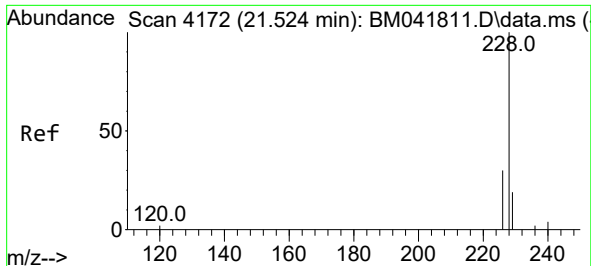
Tgt Ion:202 Resp: 26830
Ion Ratio Lower Upper
202 100
101 12.9 10.5 15.7
100 9.5 8.4 12.6



#20
Pyrene
Concen: 0.296 ng/ul
RT: 19.784 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

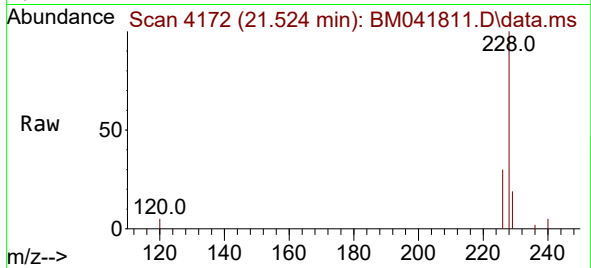
Tgt Ion:202 Resp: 28011
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.8 9.8 14.6



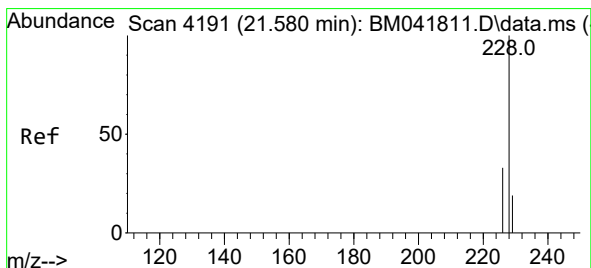
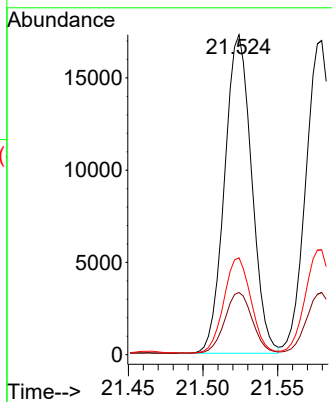
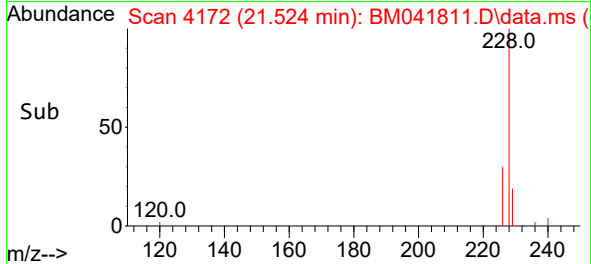


#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Instrument :
BNA_P
ClientSampleId :

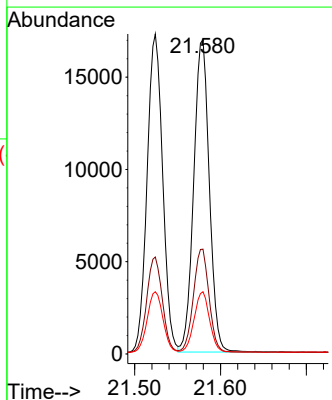
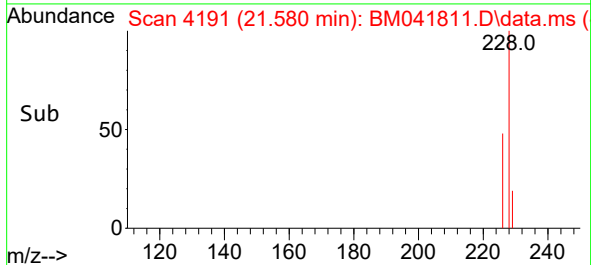
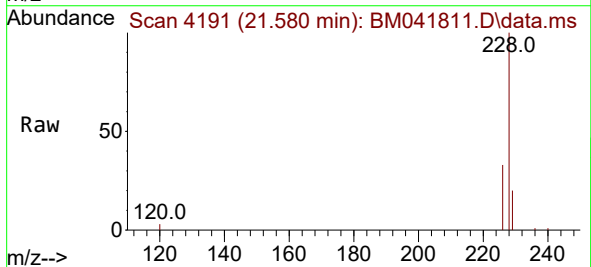


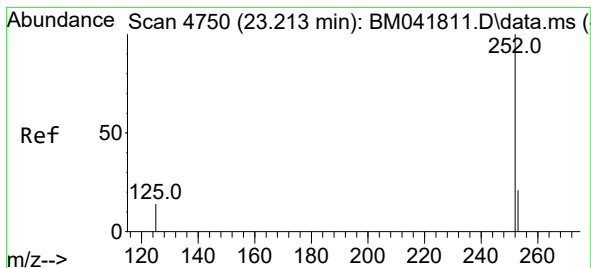
Tgt Ion:228 Resp: 21766
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 30.3 24.8 37.2



#22
Chrysene
Concen: 0.301 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Tgt Ion:228 Resp: 21361
Ion Ratio Lower Upper
228 100
226 33.3 27.0 40.6
229 19.8 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.276 ng/ul

RT: 23.213 min Scan# 4750

Delta R.T. -0.003 min

Lab File: BM041811.D

Acq: 12 Sep 2023 14:21

Instrument :

BNA_P

ClientSampleId :

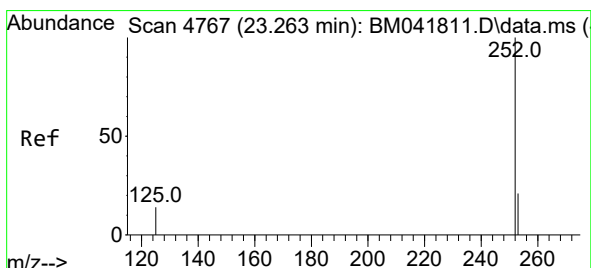
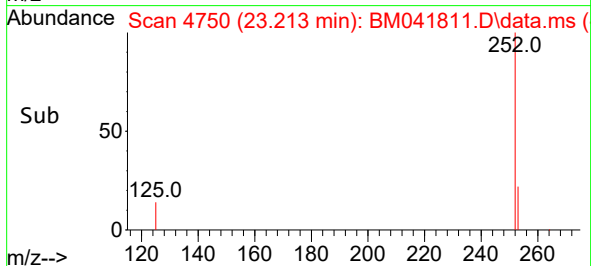
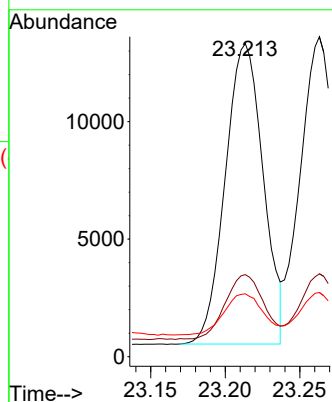
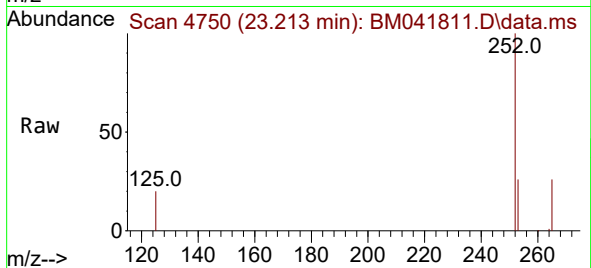
Tgt Ion:252 Resp: 22632

Ion Ratio Lower Upper

252 100

253 26.2 0.0 52.4

125 20.1 0.0 42.8



#25

Benzo(k)fluoranthene

Concen: 0.279 ng/ul

RT: 23.263 min Scan# 4767

Delta R.T. -0.003 min

Lab File: BM041811.D

Acq: 12 Sep 2023 14:21

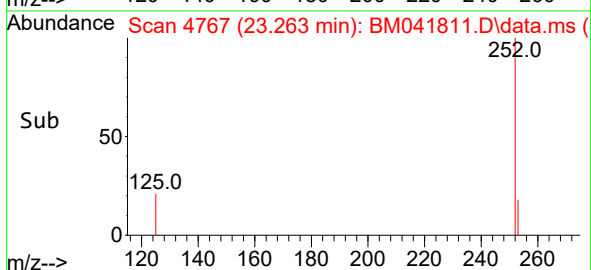
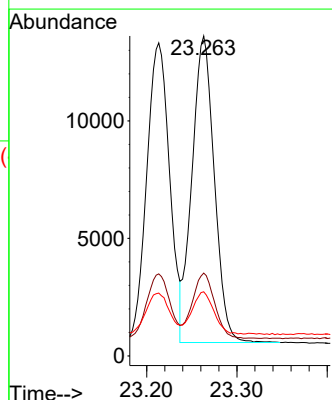
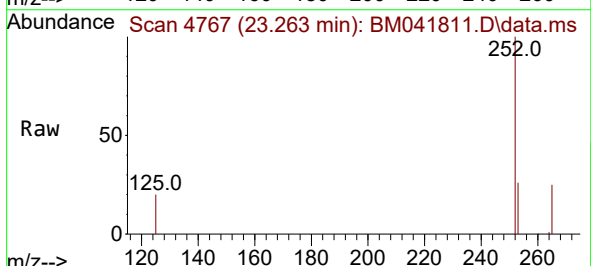
Tgt Ion:252 Resp: 22417

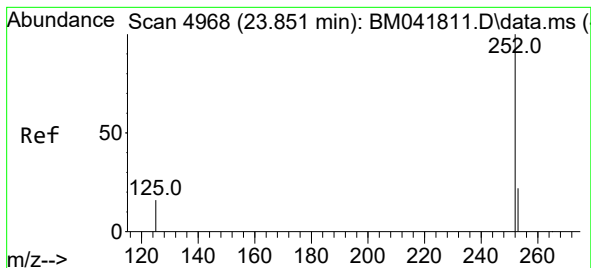
Ion Ratio Lower Upper

252 100

253 25.9 21.3 31.9

125 20.1 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.292 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.003 min

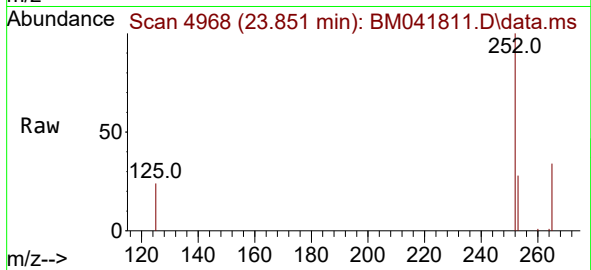
Lab File: BM041811.D

Acq: 12 Sep 2023 14:21

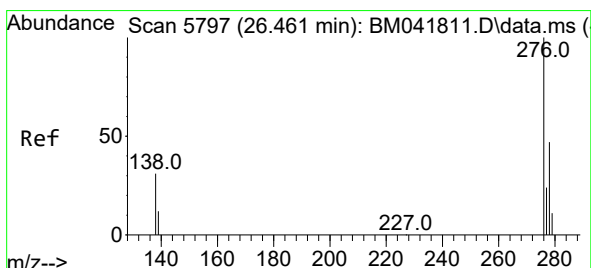
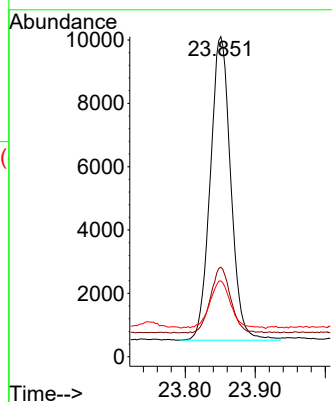
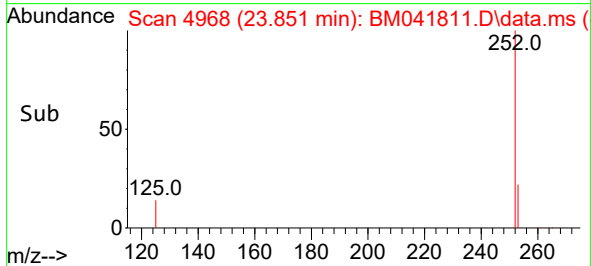
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	252	Resp:	19458
Ion Ratio	Lower	Upper	
252	100		
253	28.0	22.4	33.6
125	23.7	21.0	31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

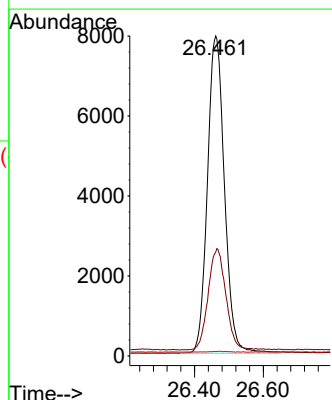
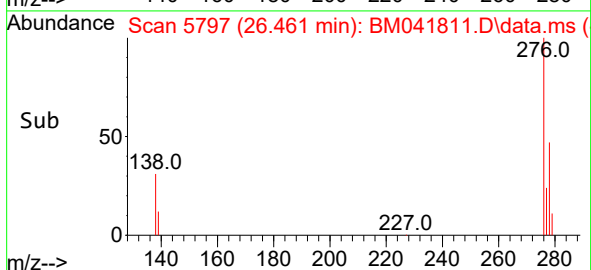
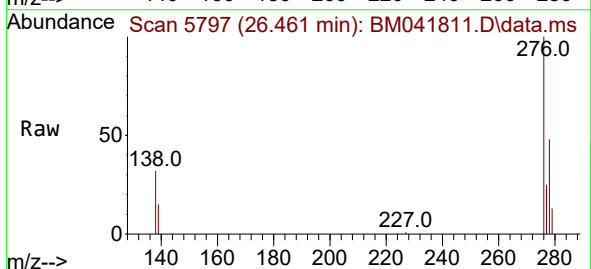
RT: 26.461 min Scan# 5797

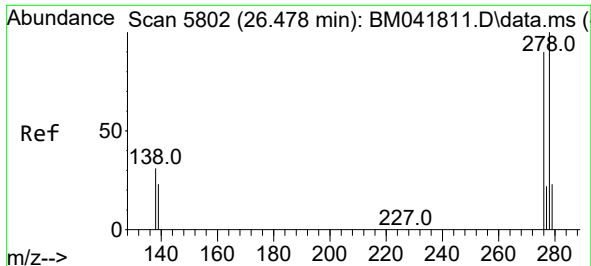
Delta R.T. -0.007 min

Lab File: BM041811.D

Acq: 12 Sep 2023 14:21

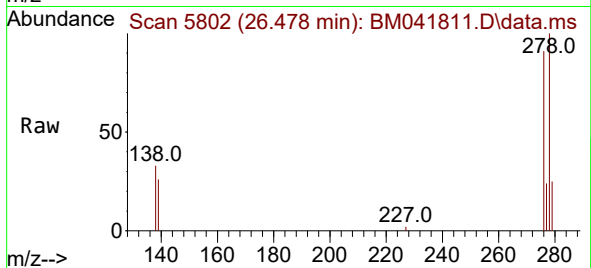
Tgt Ion:	276	Resp:	27274
Ion Ratio	Lower	Upper	
276	100		
138	33.2	26.4	39.6
227	0.3	0.1	0.1





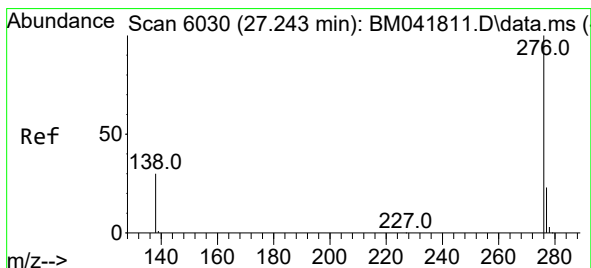
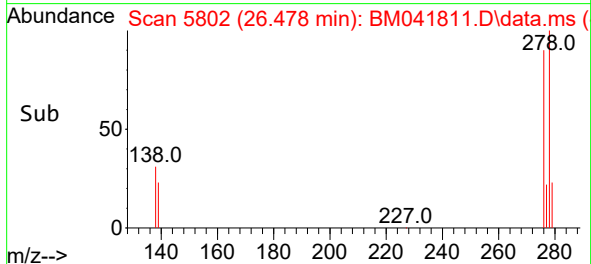
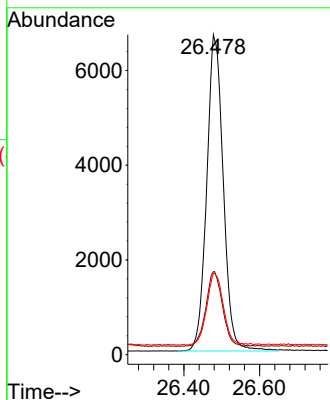
#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.478 min Scan# 5802
Delta R.T. -0.007 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:278 Resp: 20338

Ion	Ratio	Lower	Upper
278	100		
139	25.9	23.0	34.6
279	25.5	22.9	34.3



#29
Benzo(g,h,i)perylene
Concen: 0.279 ng/ul
RT: 27.243 min Scan# 6030
Delta R.T. -0.003 min
Lab File: BM041811.D
Acq: 12 Sep 2023 14:21

Tgt Ion:276 Resp: 22617

Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.0	37.4
277	24.5	20.2	30.2

