

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
 Data File : BM041657.D
 Acq On : 05 Sep 2023 17:41
 Operator : MA/JU
 Sample : SST0.426
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4017

Quant Time: Sep 06 02:14:01 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 : Wed Sep 06 02:12:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

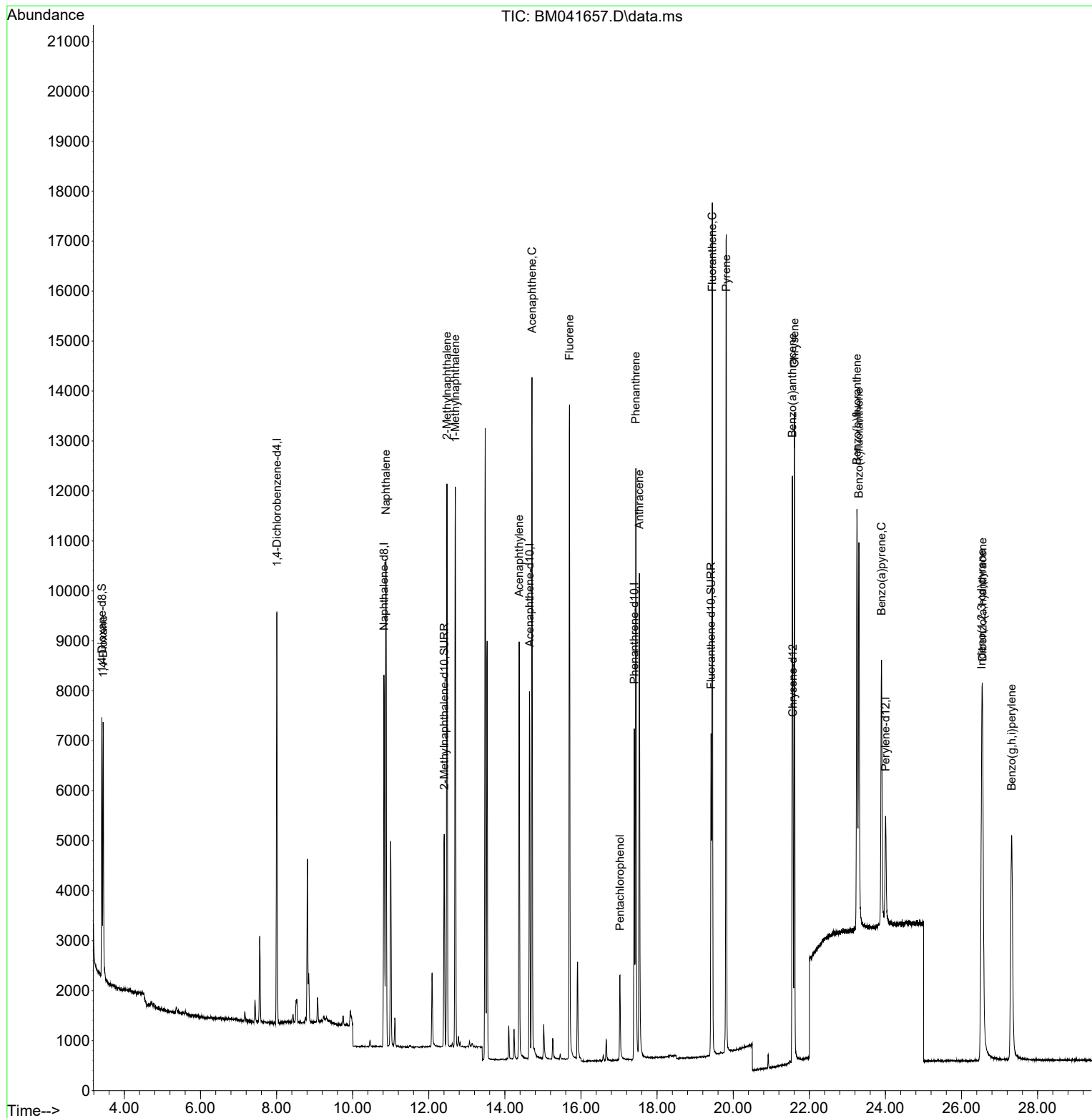
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	4117	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	9233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	3755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	7397	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	2949	0.400	ng/ul	0.00
23) Perylene-d12	24.003	264	2952	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2844	0.468	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	5145	0.462	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	5743	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	2816	0.435	ng/ul	100
5) Naphthalene	10.873	128	13172	0.446	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	7443	0.445	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	7480	0.442	ng/ul	100
10) Acenaphthylene	14.375	152	9849	0.376	ng/ul	100
11) Acenaphthene	14.712	153	7720	0.428	ng/ul	100
12) Fluorene	15.698	166	8602	0.438	ng/ul	100
14) Pentachlorophenol	17.025	266	1270	0.447	ng/ul	100
15) Phenanthrene	17.443	178	13223	0.409	ng/ul	100
16) Anthracene	17.535	178	11320	0.403	ng/ul	100
19) Fluoranthene	19.450	202	13884	0.359	ng/ul	100
20) Pyrene	19.817	202	13898	0.357	ng/ul	100
21) Benzo(a)anthracene	21.553	228	9951	0.378	ng/ul	100
22) Chrysene	21.609	228	10847	0.384	ng/ul	100
24) Benzo(b)fluoranthene	23.252	252	11022	0.402	ng/ul	100
25) Benzo(k)fluoranthene	23.304	252	10962	0.421	ng/ul	100
26) Benzo(a)pyrene	23.898	252	8622	0.353	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.532	276	12193	0.374	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.552	278	8555	0.390	ng/ul	100
29) Benzo(g,h,i)perylene	27.316	276	10928	0.399	ng/ul	100

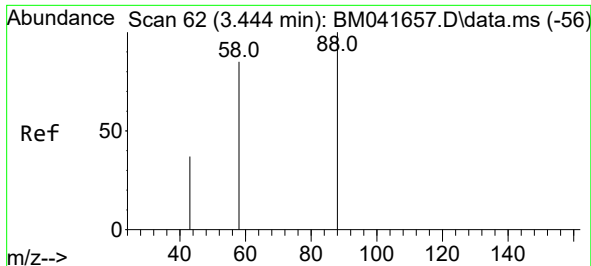
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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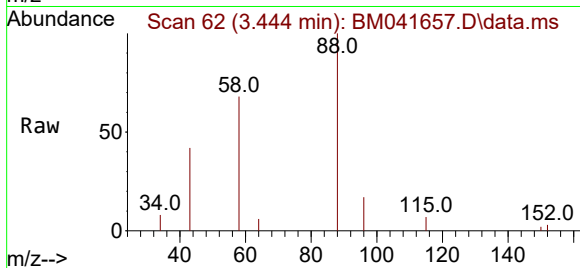
Quant Time: Sep 06 02:14:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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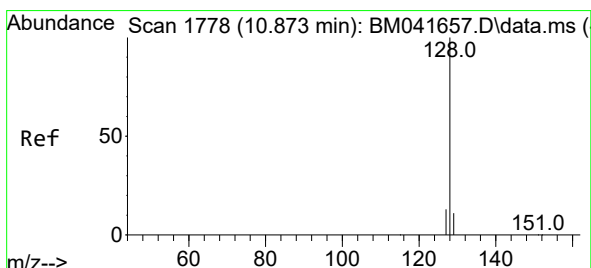
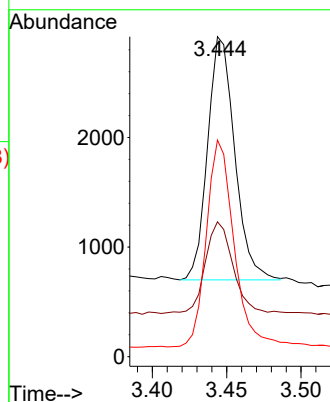
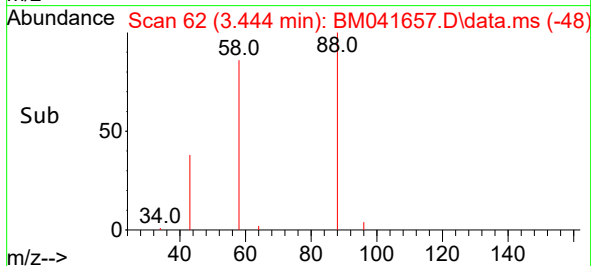


#2
1,4-Dioxane
Concen: 0.435 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

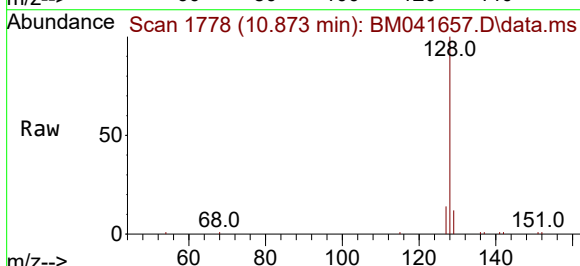
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017



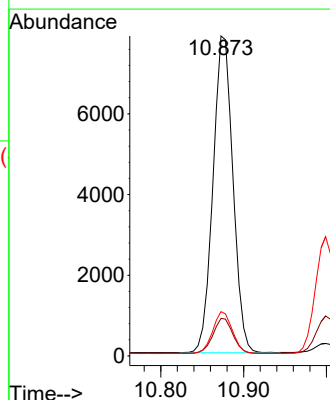
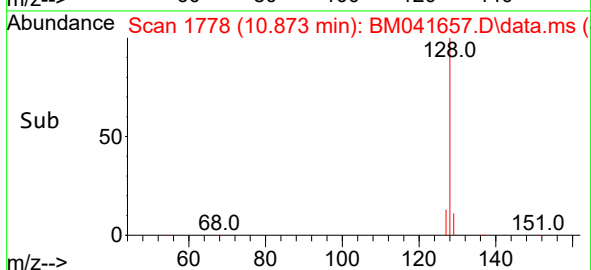
Tgt Ion: 88 Resp: 2816
Ion Ratio Lower Upper
88 100
43 42.2 33.8 50.6
58 67.7 54.2 81.2

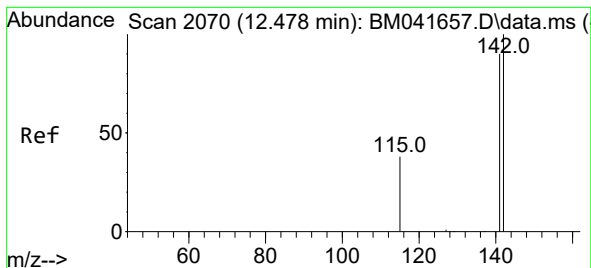


#5
Naphthalene
Concen: 0.446 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41



Tgt Ion: 128 Resp: 13172
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.445 ng/ul

RT: 12.478 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

Instrument :

BNA_M

ClientSampleId :

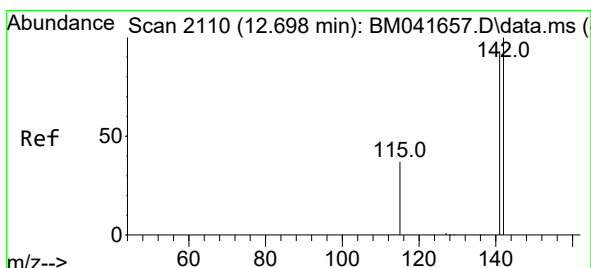
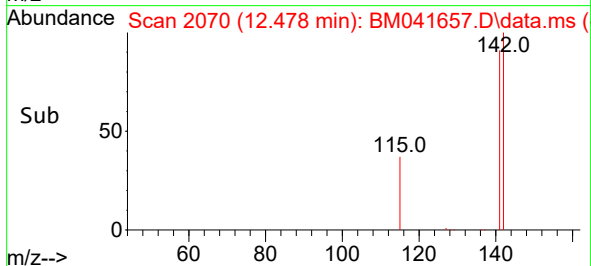
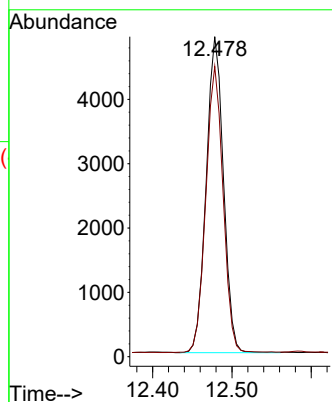
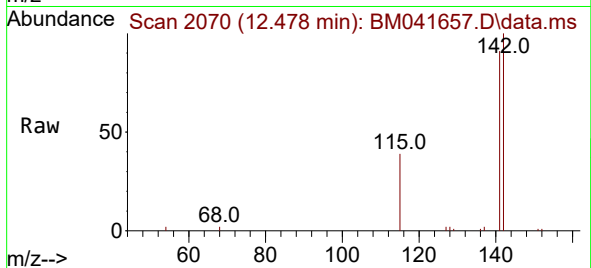
SSTD0.4017

Tgt Ion:142 Resp: 7443

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.442 ng/ul

RT: 12.698 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BM041657.D

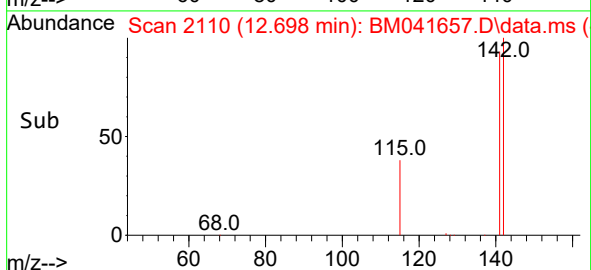
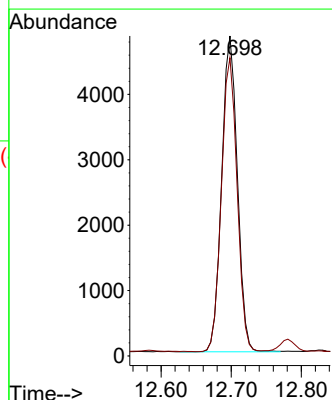
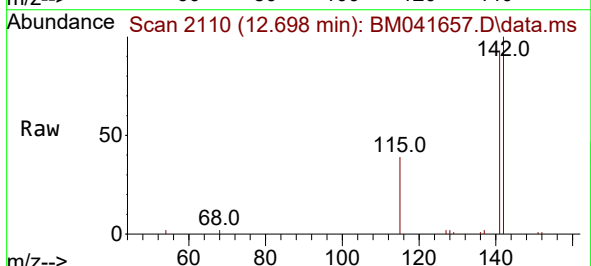
Acq: 05 Sep 2023 17:41

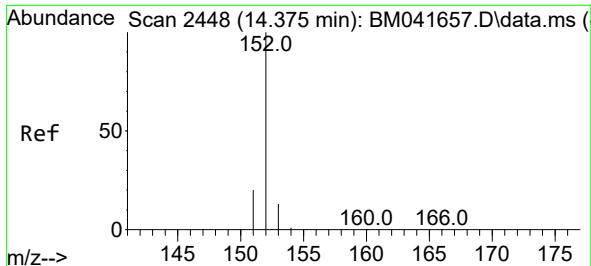
Tgt Ion:142 Resp: 7480

Ion Ratio Lower Upper

142 100

141 93.0 74.4 111.6

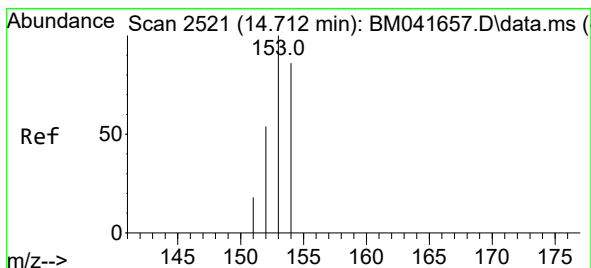
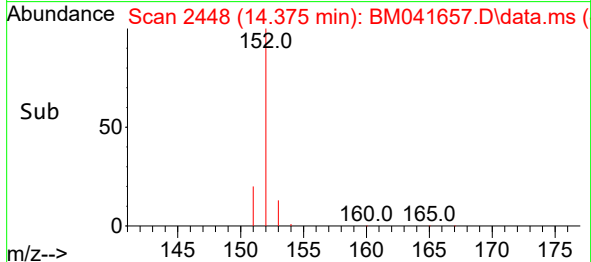
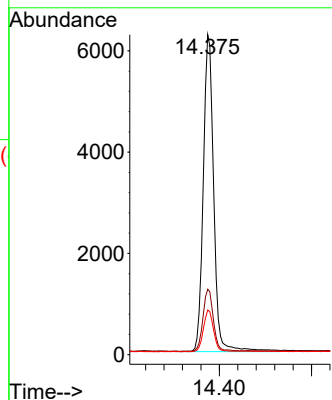
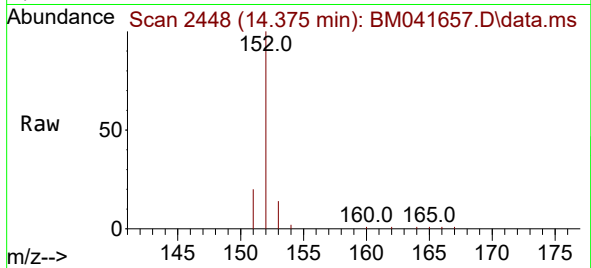




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

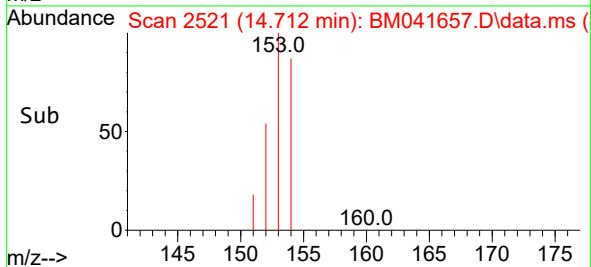
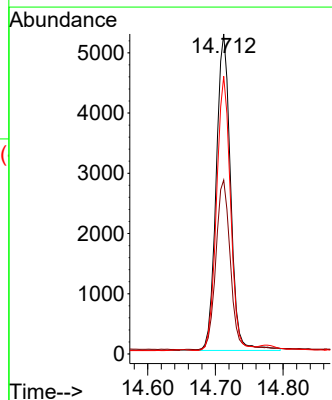
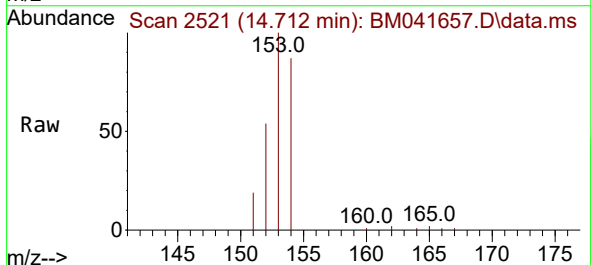
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

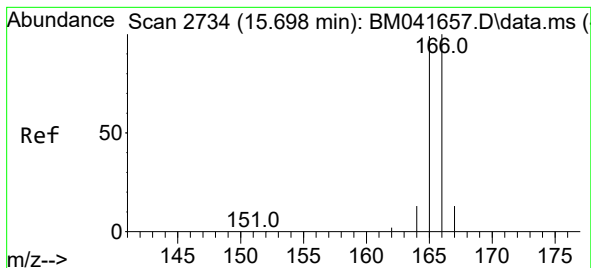
Tgt Ion:152 Resp: 9849
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.712 min Scan# 2521
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

Tgt Ion:153 Resp: 7720
Ion Ratio Lower Upper
153 100
152 54.3 43.4 65.2
154 86.7 69.4 104.0





#12

Fluorene

Concen: 0.438 ng/ul

RT: 15.698 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4017

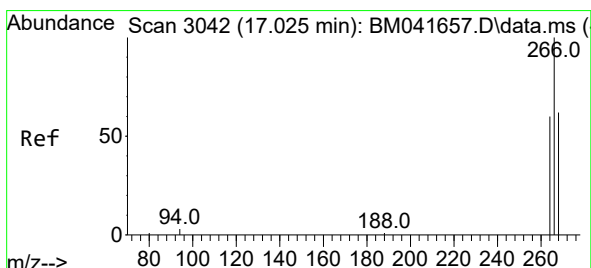
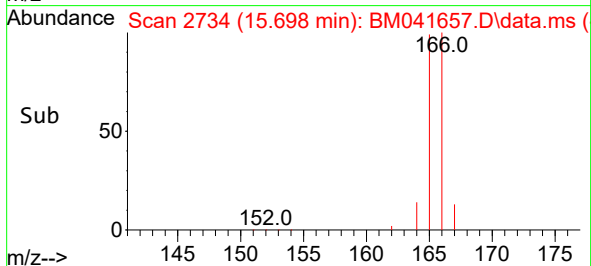
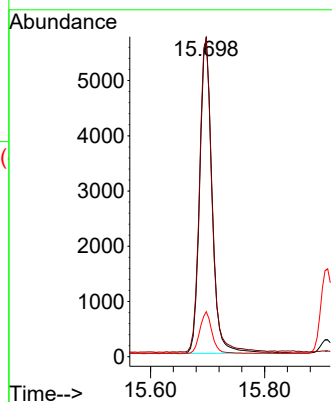
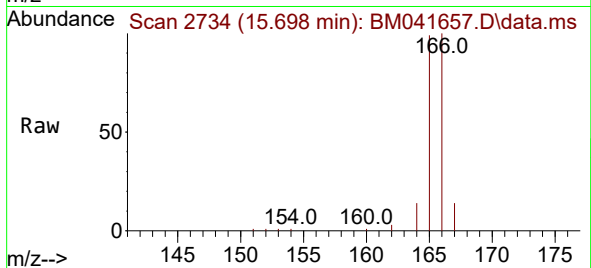
Tgt Ion:166 Resp: 8602

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.2

167 14.1 11.3 16.9



#14

Pentachlorophenol

Concen: 0.447 ng/ul

RT: 17.025 min Scan# 3042

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

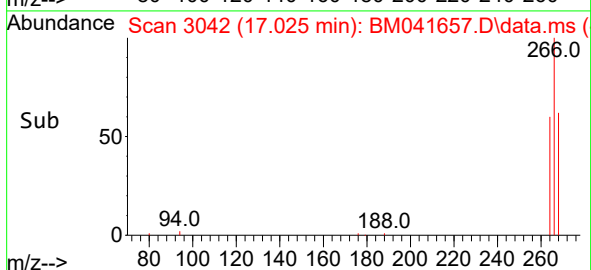
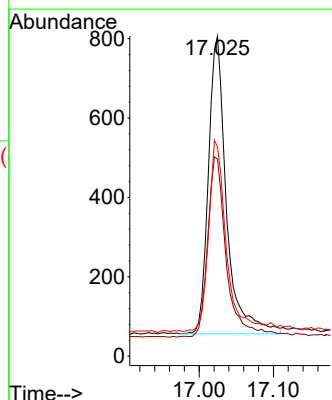
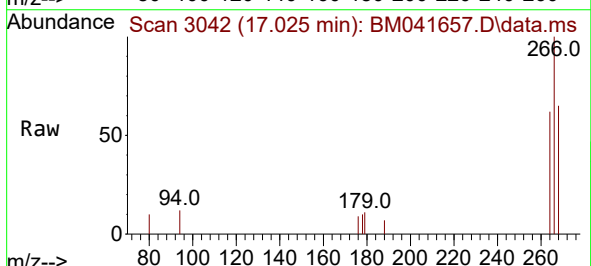
Tgt Ion:266 Resp: 1270

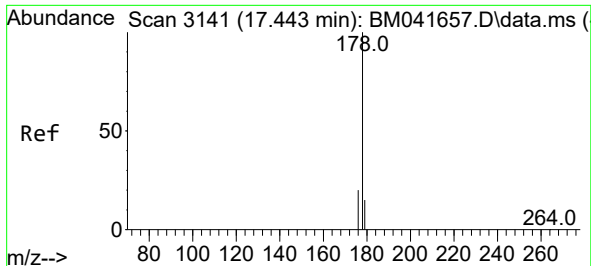
Ion Ratio Lower Upper

266 100

264 62.5 50.0 75.0

268 63.5 50.8 76.2

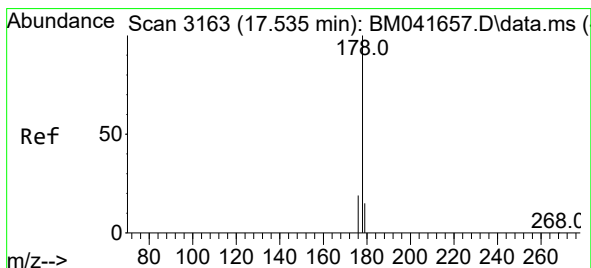
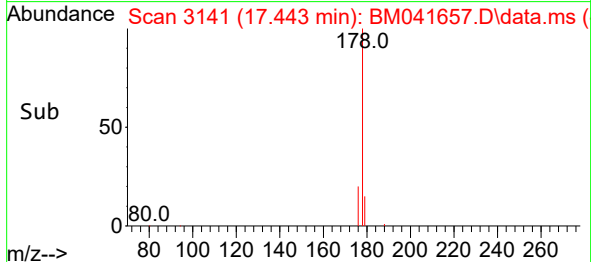
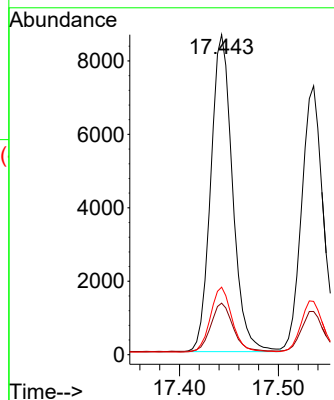
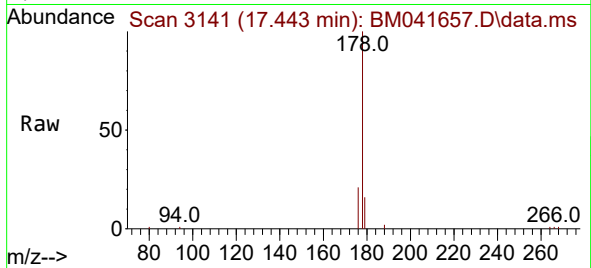




#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

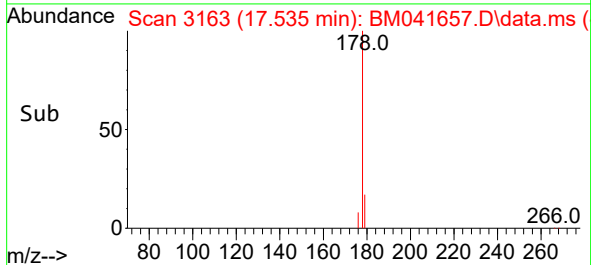
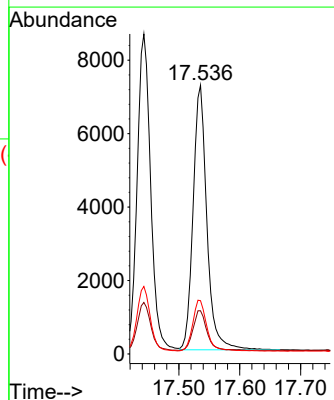
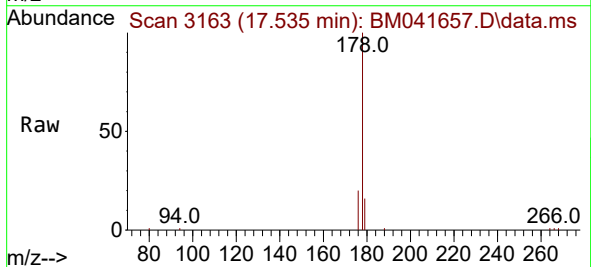
Instrument :
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SSTD0.4017

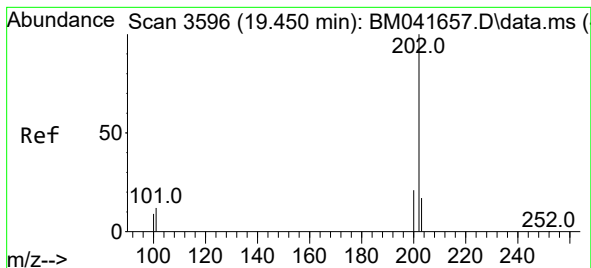
Tgt Ion:	178	Resp:	13223
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	21.1	16.9	25.3



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

Tgt Ion:	178	Resp:	11320
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.8	15.8	23.8





#19

Fluoranthene

Concen: 0.359 ng/ul

RT: 19.450 min Scan# 3596

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4017

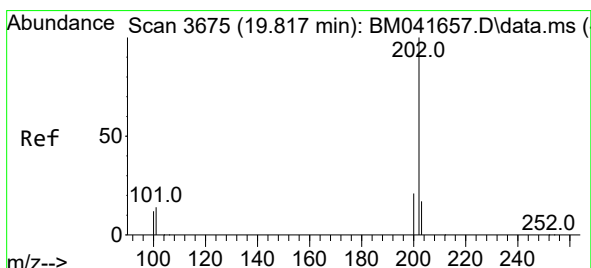
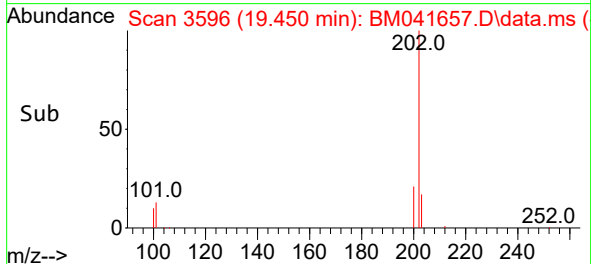
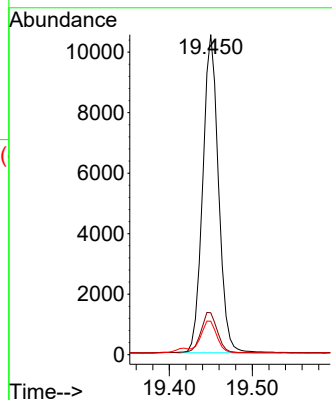
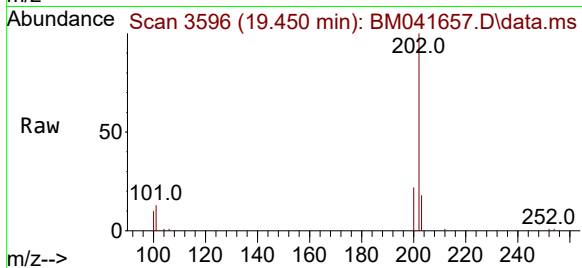
Tgt Ion:202 Resp: 13884

Ion Ratio Lower Upper

202 100

101 13.1 10.5 15.7

100 10.5 8.4 12.6



#20

Pyrene

Concen: 0.357 ng/ul

RT: 19.817 min Scan# 3675

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

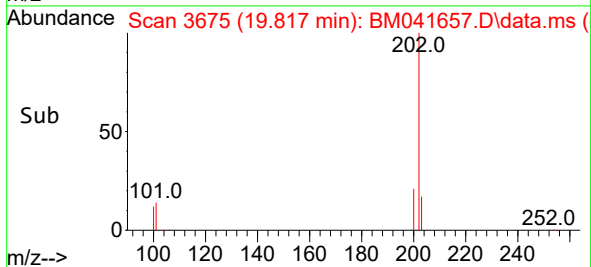
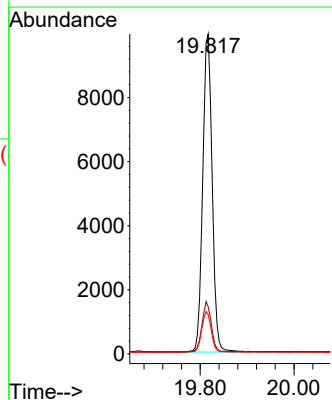
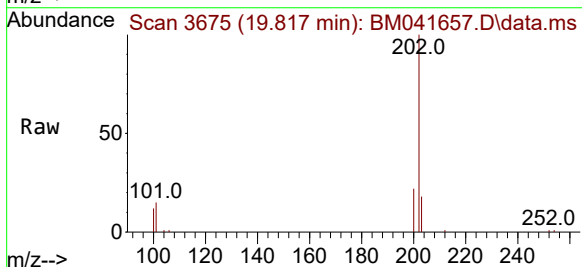
Tgt Ion:202 Resp: 13898

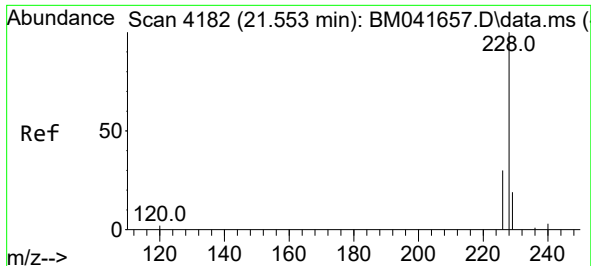
Ion Ratio Lower Upper

202 100

101 14.8 11.8 17.8

100 12.2 9.8 14.6

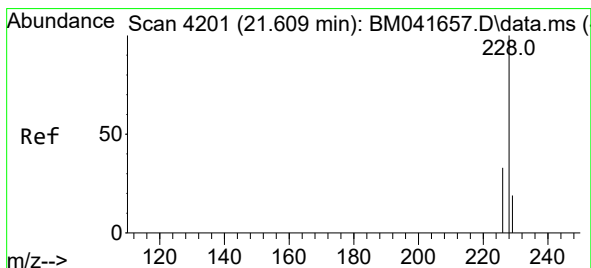
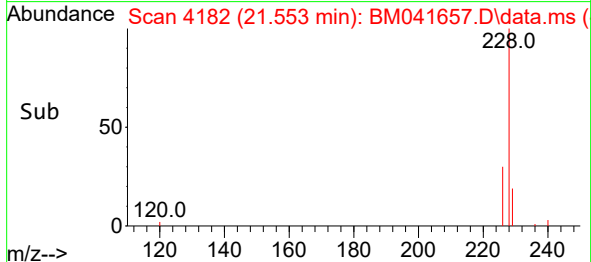
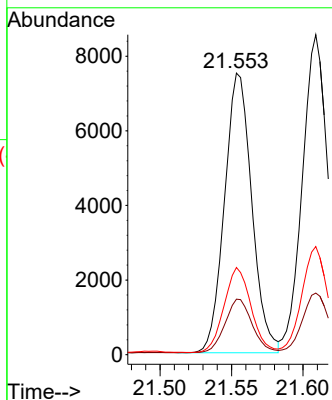
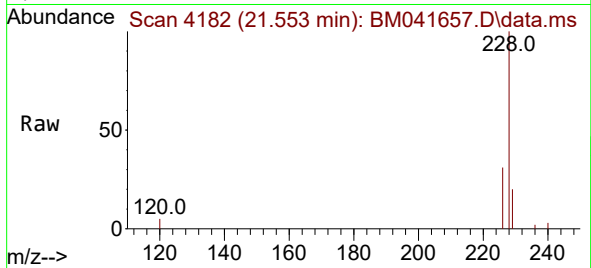




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

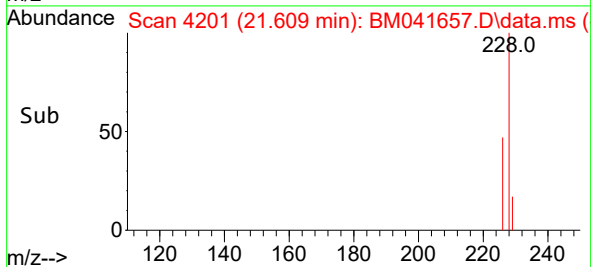
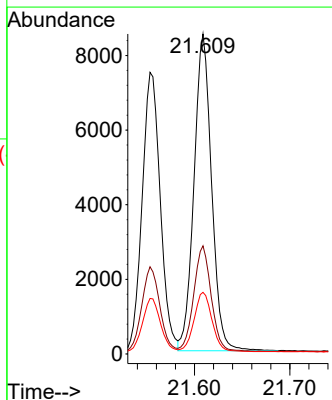
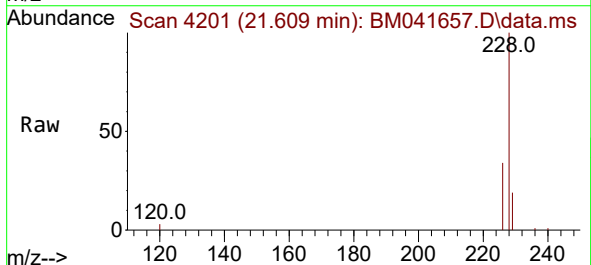
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

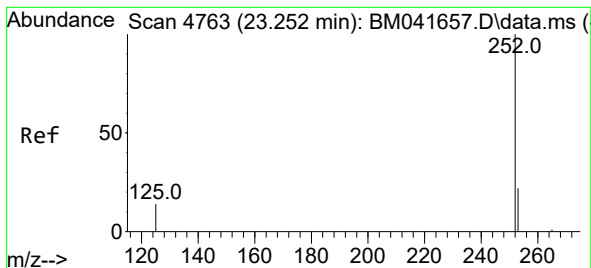
Tgt Ion:	228	Resp:	9951
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	31.0	24.8	37.2



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.609 min Scan# 4201
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

Tgt Ion:	228	Resp:	10847
Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.0	40.6
229	19.3	15.4	23.2





#24

Benzo(b)fluoranthene

Concen: 0.402 ng/ul

RT: 23.252 min Scan# 4763

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4017

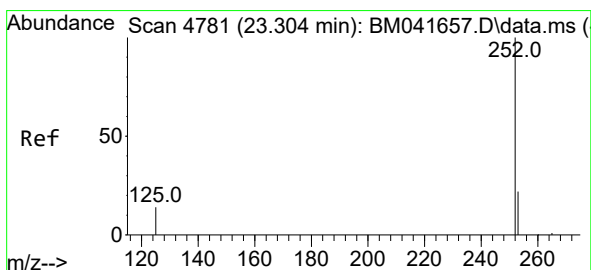
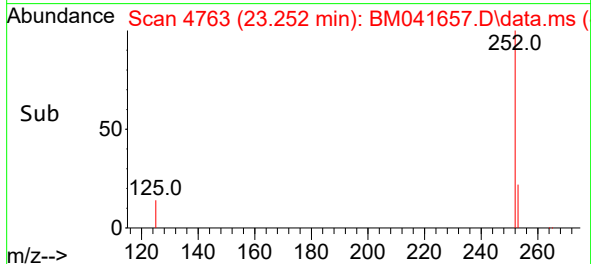
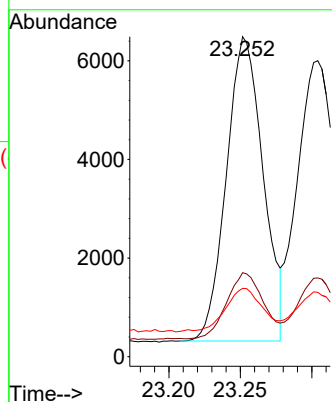
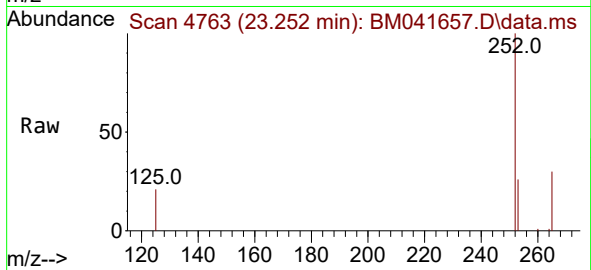
Tgt Ion:252 Resp: 11022

Ion Ratio Lower Upper

252 100

253 26.2 0.0 52.4

125 21.4 0.0 42.8



#25

Benzo(k)fluoranthene

Concen: 0.421 ng/ul

RT: 23.304 min Scan# 4781

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

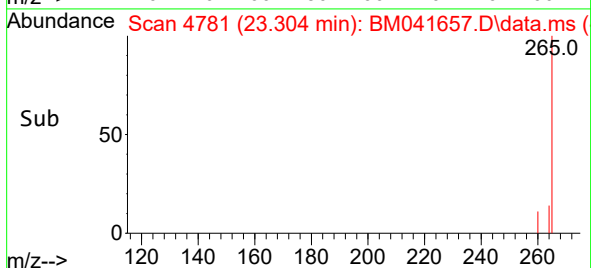
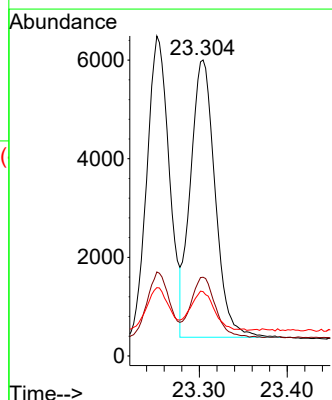
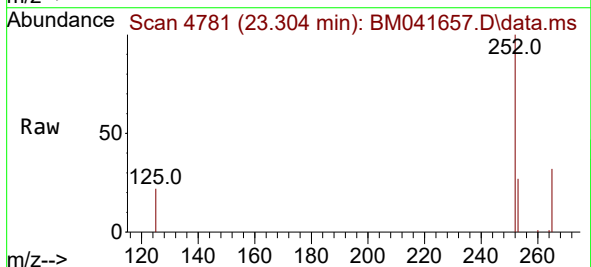
Tgt Ion:252 Resp: 10962

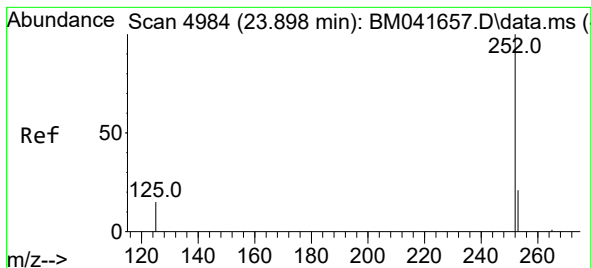
Ion Ratio Lower Upper

252 100

253 26.6 21.3 31.9

125 21.7 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.898 min Scan# 4984

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4017

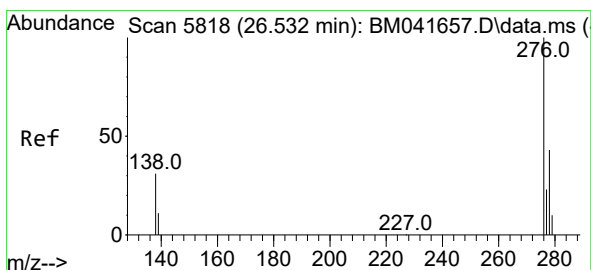
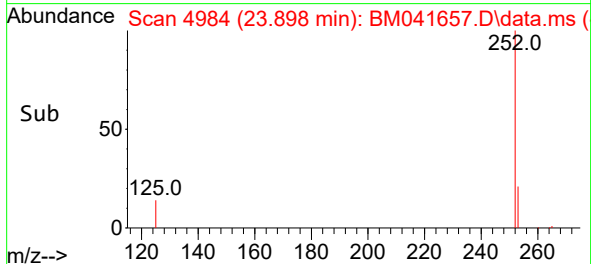
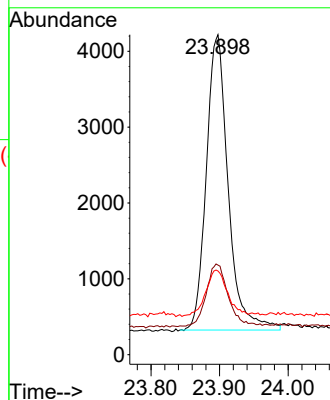
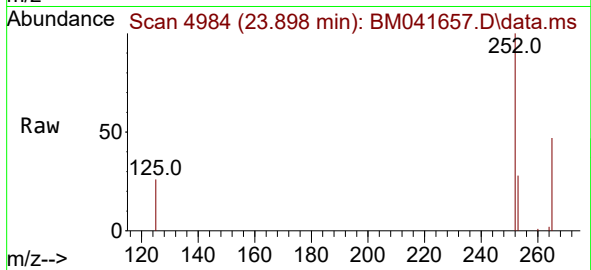
Tgt Ion:252 Resp: 8622

Ion Ratio Lower Upper

252 100

253 28.0 22.4 33.6

125 26.2 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng/ul

RT: 26.532 min Scan# 5818

Delta R.T. 0.000 min

Lab File: BM041657.D

Acq: 05 Sep 2023 17:41

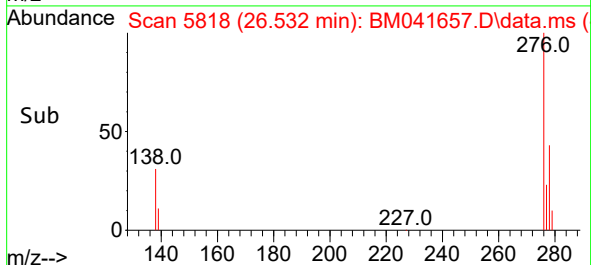
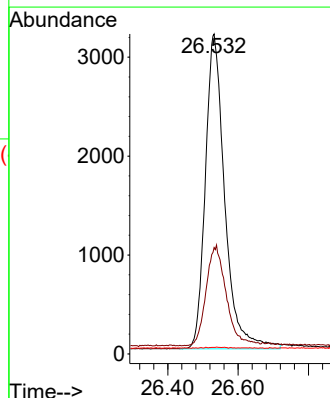
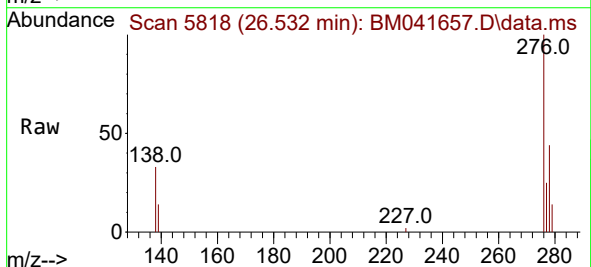
Tgt Ion:276 Resp: 12193

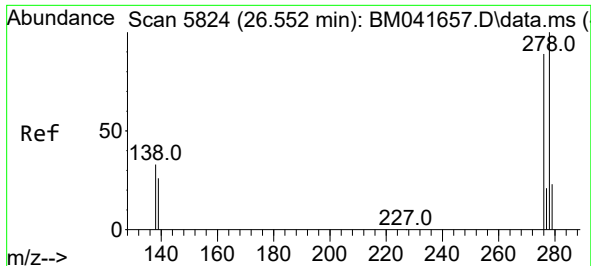
Ion Ratio Lower Upper

276 100

138 32.9 26.4 39.6

227 0.1 0.1 0.1#

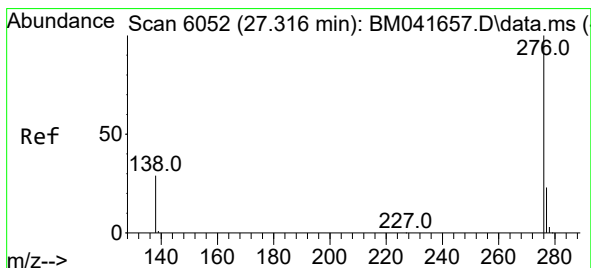
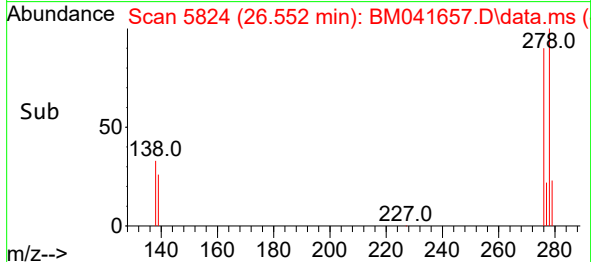
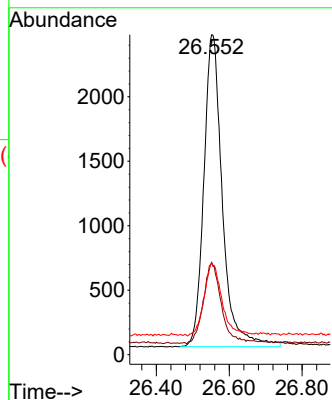
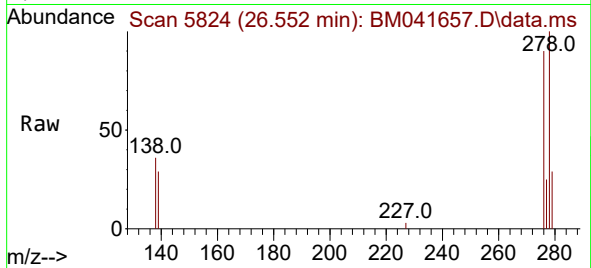




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.552 min Scan# 5824
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

Tgt Ion:278 Resp: 8555
Ion Ratio Lower Upper
278 100
139 28.8 23.0 34.6
279 28.6 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. 0.000 min
Lab File: BM041657.D
Acq: 05 Sep 2023 17:41

Tgt Ion:276 Resp: 10928
Ion Ratio Lower Upper
276 100
138 31.2 25.0 37.4
277 25.2 20.2 30.2

