

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041565.D
 Acq On : 29 Aug 2023 20:47
 Operator : MA/JU
 Sample : SSTD0.420
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4010

Quant Time: Aug 30 01:42:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:40:31 2023
 Response via : Initial Calibration

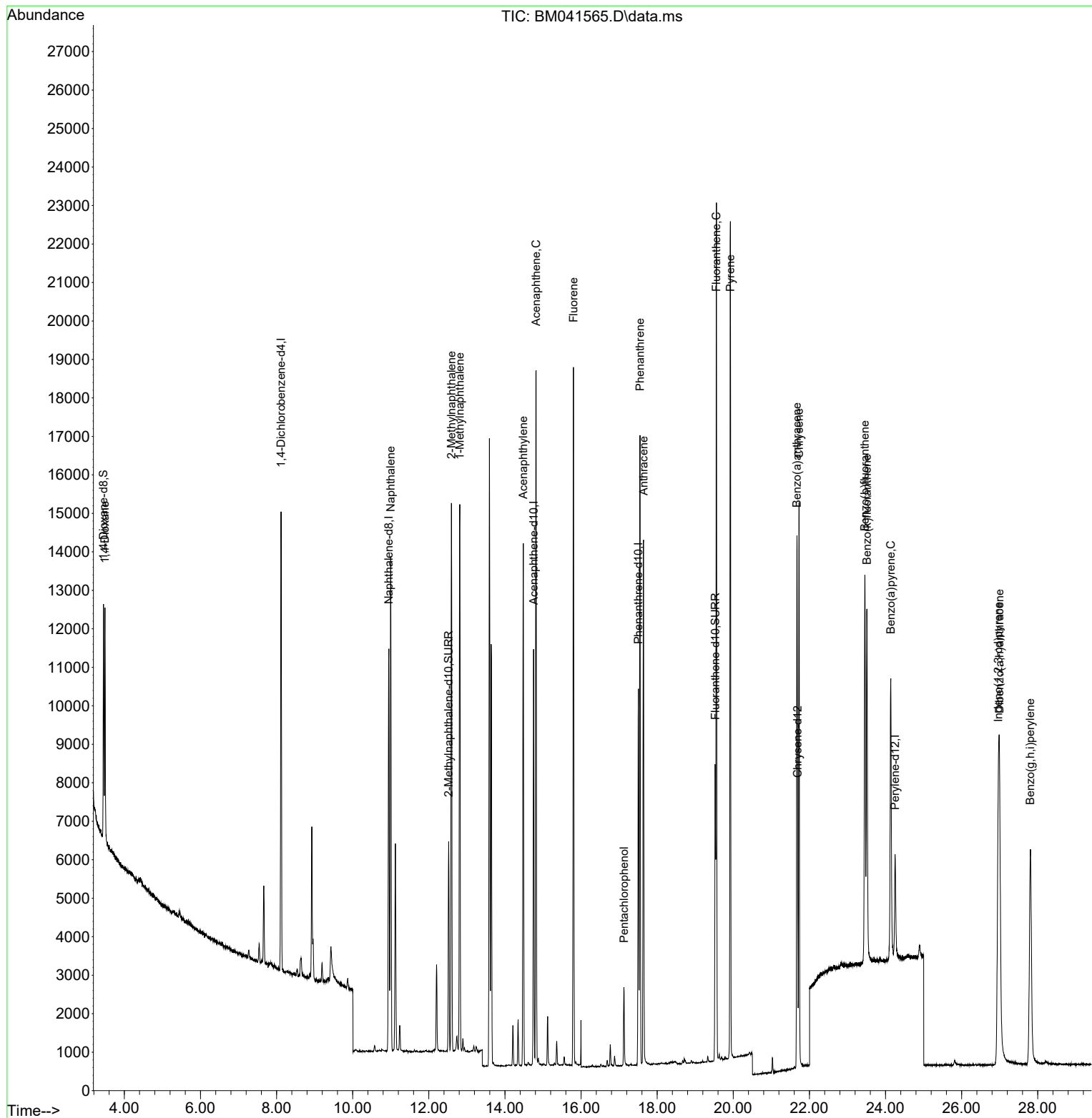
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	13343	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	5278	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9866	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	3328	0.400	ng/ul	0.00
23) Perylene-d12	24.251	264	3761	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3439	0.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	6451	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	6584	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	3534	0.472	ng/ul	100
5) Naphthalene	10.999	128	17015	0.399	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	9653	0.373	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	9723	0.372	ng/ul	100
10) Acenaphthylene	14.481	152	14720	0.423	ng/ul	100
11) Acenaphthene	14.819	153	10154	0.415	ng/ul	100
12) Fluorene	15.799	166	11053	0.418	ng/ul	100
14) Pentachlorophenol	17.126	266	1402	0.346	ng/ul	100
15) Phenanthrene	17.548	178	16914	0.418	ng/ul	100
16) Anthracene	17.641	178	14782	0.398	ng/ul	100
19) Fluoranthene	19.557	202	17475	0.567	ng/ul	100
20) Pyrene	19.924	202	17475	0.560	ng/ul	100
21) Benzo(a)anthracene	21.670	228	11748	0.495	ng/ul	100
22) Chrysene	21.728	228	12742	0.542	ng/ul	100
24) Benzo(b)fluoranthene	23.459	252	13978	0.585	ng/ul	100
25) Benzo(k)fluoranthene	23.512	252	13012	0.557	ng/ul	100
26) Benzo(a)pyrene	24.137	252	12243	0.566	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.964	276	16412	0.565	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.994	278	10980	0.525	ng/ul	100
29) Benzo(g,h,i)perylene	27.806	276	13738	0.565	ng/ul	100

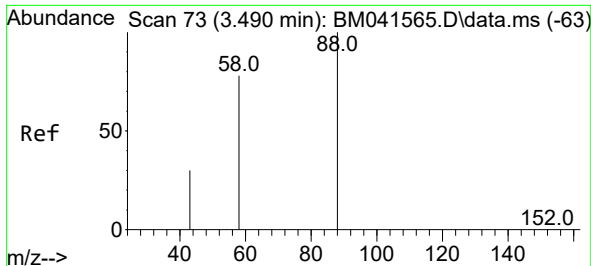
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041565.D
Acq On : 29 Aug 2023 20:47
Operator : MA/JU
Sample : SST0.420
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Quant Time: Aug 30 01:42:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:40:31 2023
Response via : Initial Calibration

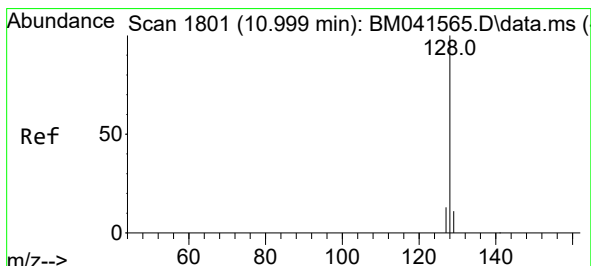
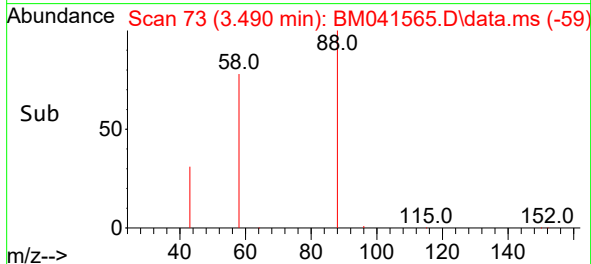
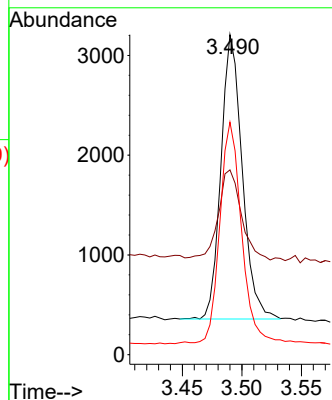
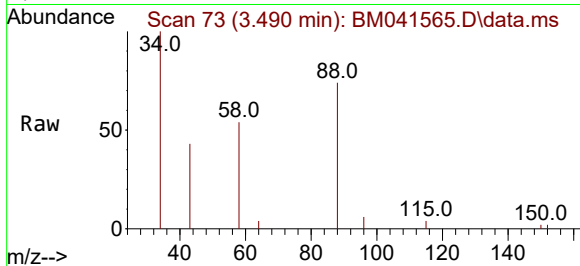




#2
1,4-Dioxane
Concen: 0.472 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

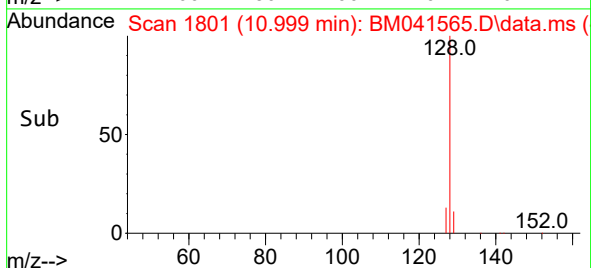
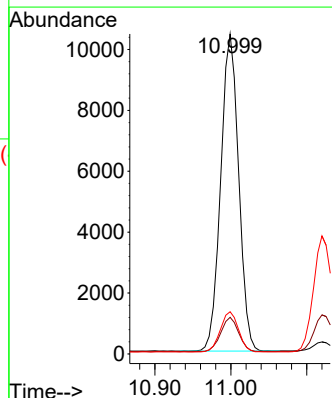
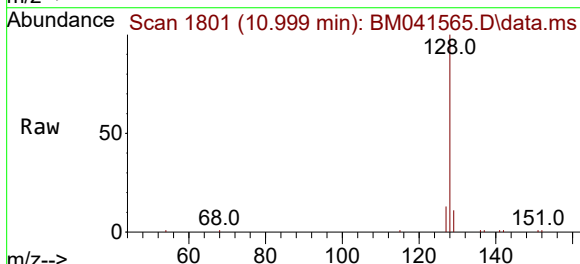
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

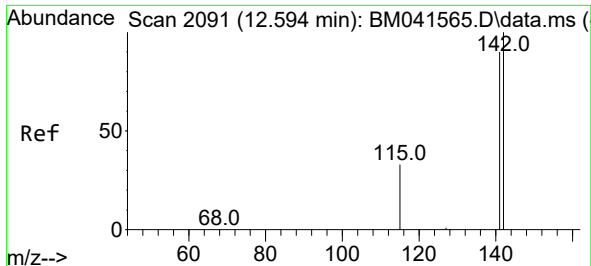
Tgt Ion: 88 Resp: 3534
Ion Ratio Lower Upper
88 100
43 57.7 46.2 69.2
58 72.6 58.1 87.1



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion: 128 Resp: 17015
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.6 15.8

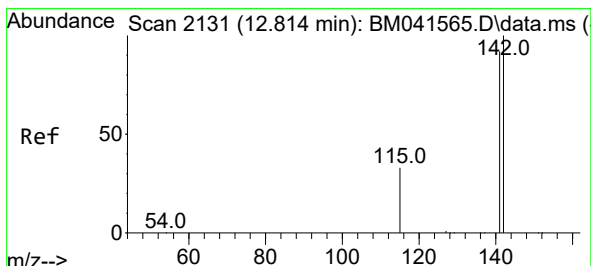
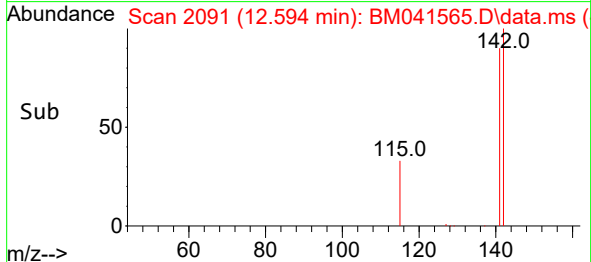
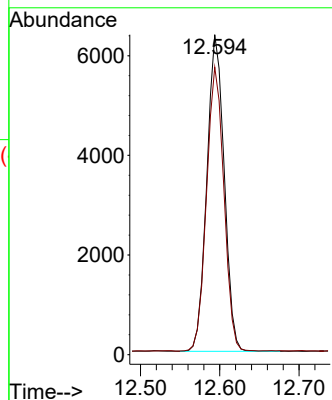
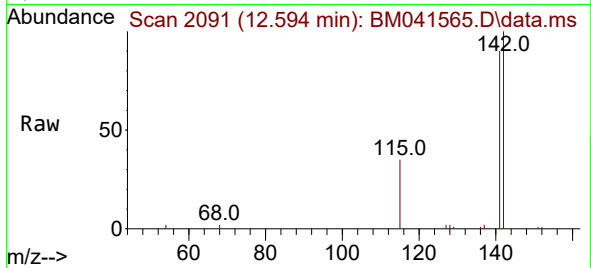




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

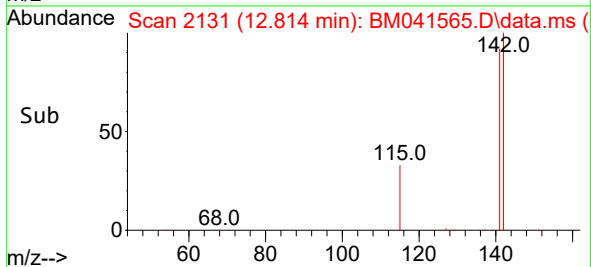
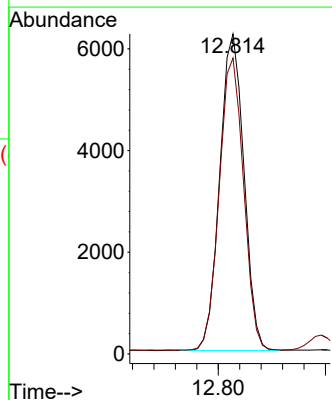
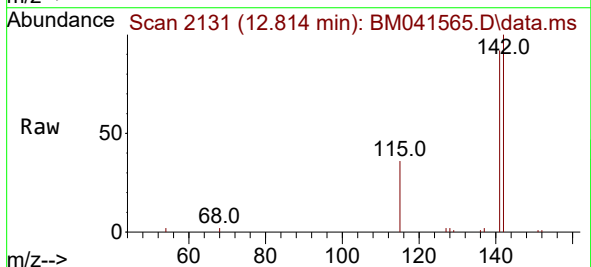
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

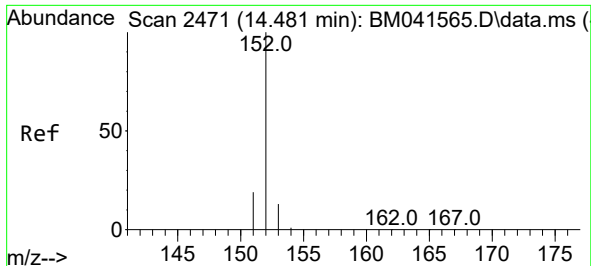
Tgt Ion:142 Resp: 9653
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:142 Resp: 9723
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.2

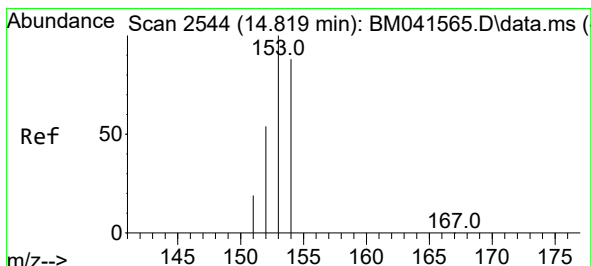
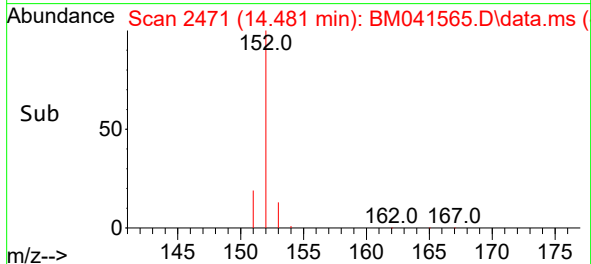
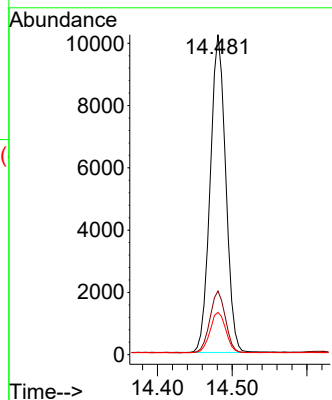
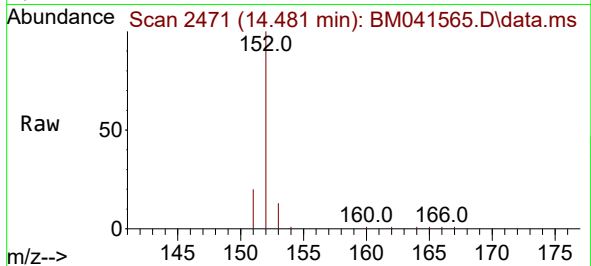




#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

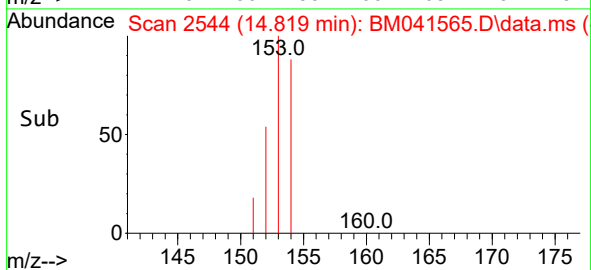
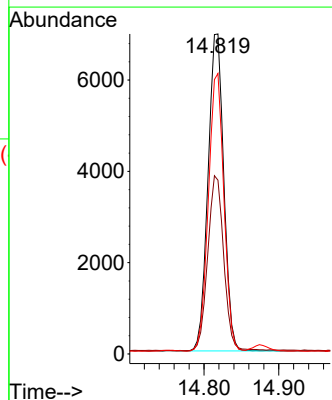
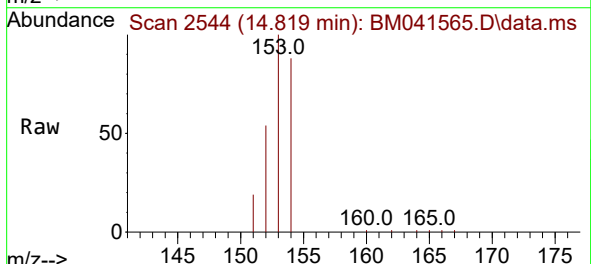
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

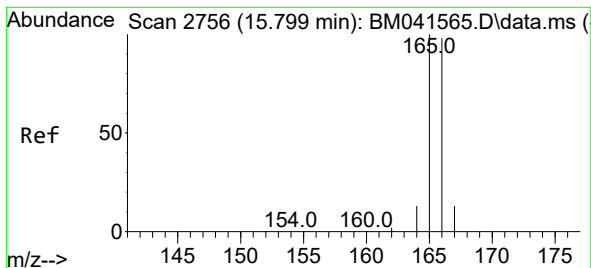
Tgt Ion:	152	Resp:	14720
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	15.8



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:	153	Resp:	10154
Ion Ratio	Lower	Upper	
153	100		
152	54.3	43.4	65.2
154	87.7	70.2	105.2





#12

Fluorene

Concen: 0.418 ng/ul

RT: 15.799 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041565.D

Acq: 29 Aug 2023 20:47

Instrument :

BNA_M

ClientSampleId :

SSTD0.4010

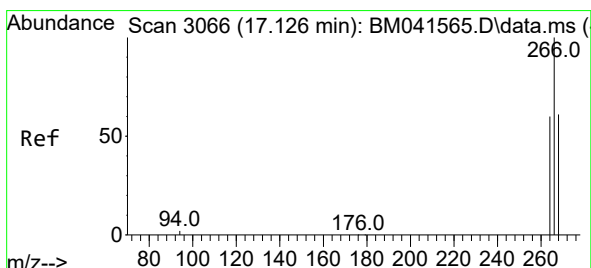
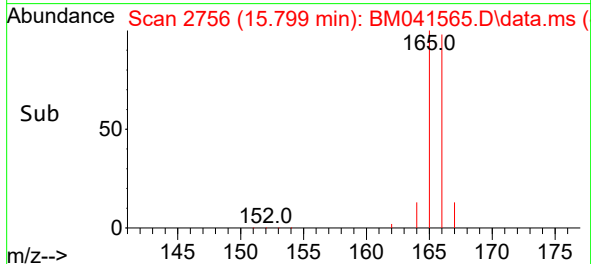
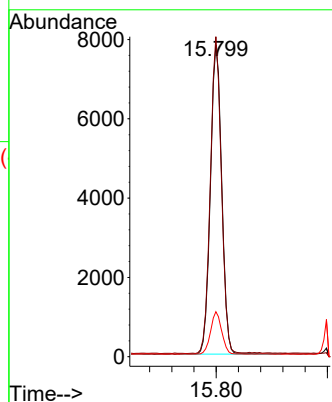
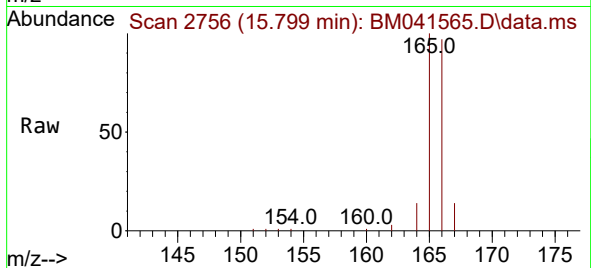
Tgt Ion:166 Resp: 11053

Ion Ratio Lower Upper

166 100

165 102.7 82.2 123.2

167 14.4 11.5 17.3



#14

Pentachlorophenol

Concen: 0.346 ng/ul

RT: 17.126 min Scan# 3066

Delta R.T. 0.000 min

Lab File: BM041565.D

Acq: 29 Aug 2023 20:47

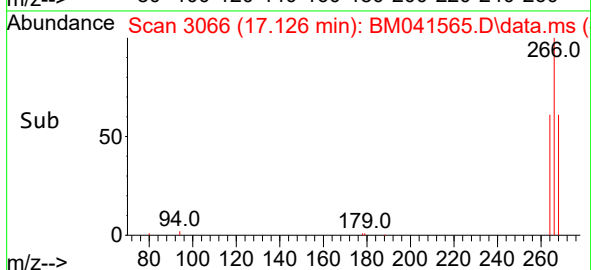
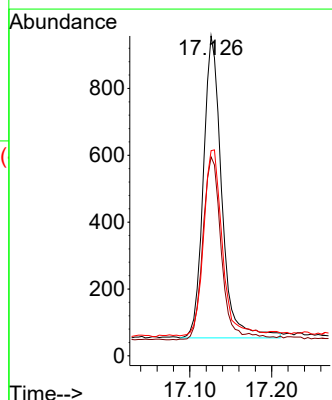
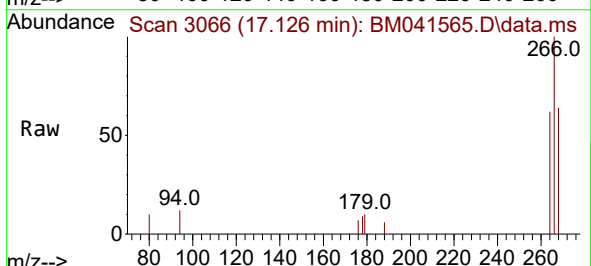
Tgt Ion:266 Resp: 1402

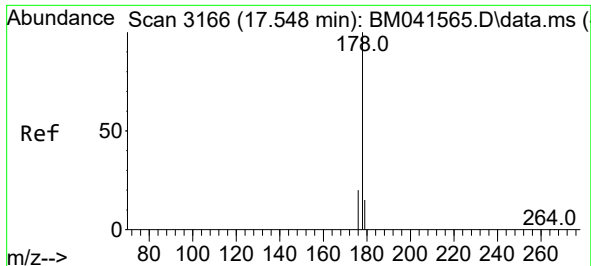
Ion Ratio Lower Upper

266 100

264 61.6 49.3 73.9

268 62.8 50.2 75.4

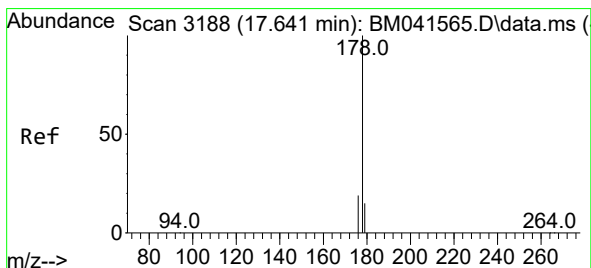
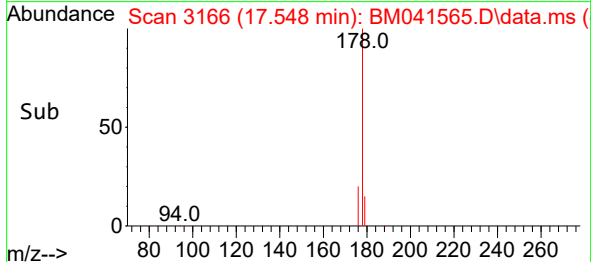
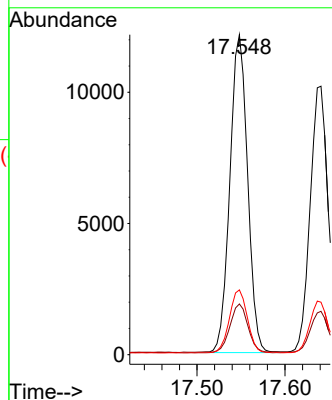
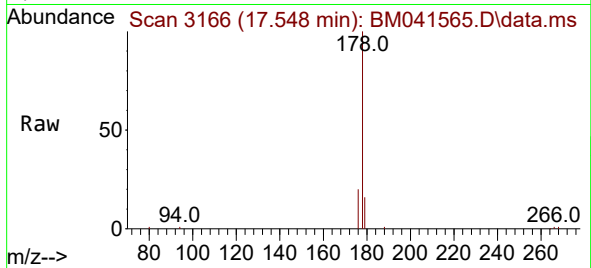




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

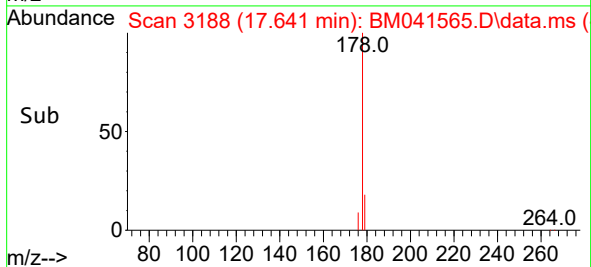
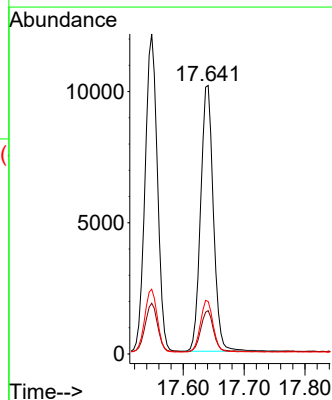
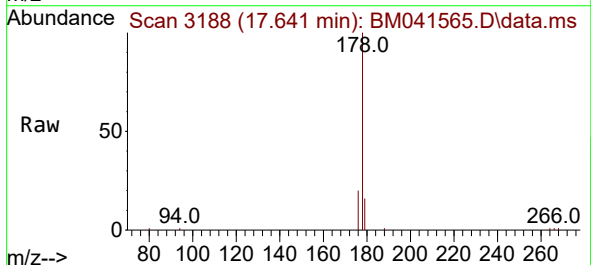
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

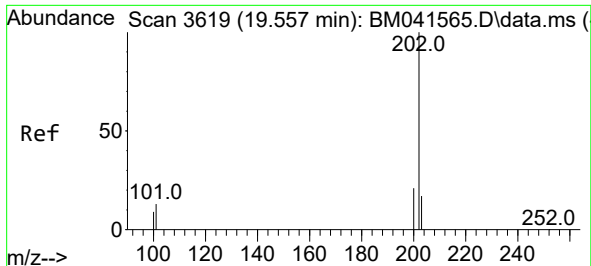
Tgt Ion:178 Resp: 16914
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:178 Resp: 14782
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.5 15.6 23.4

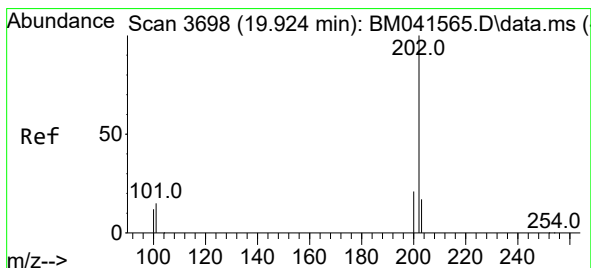
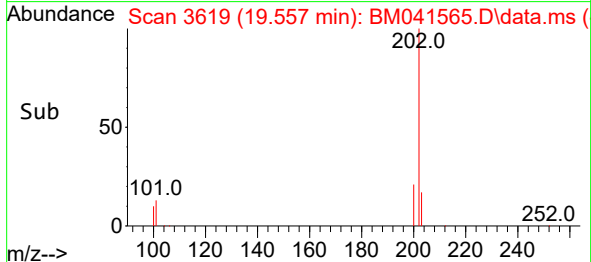
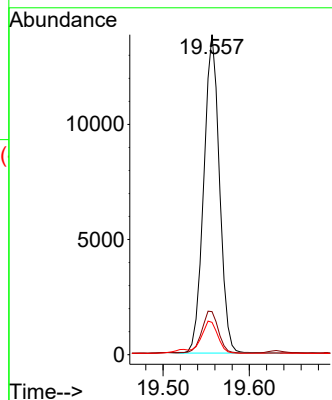
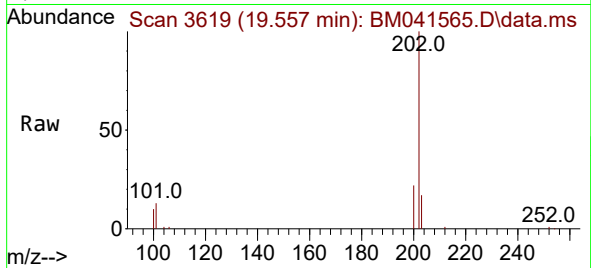




#19
Fluoranthene
Concen: 0.567 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

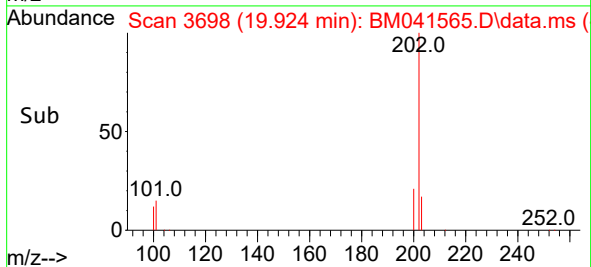
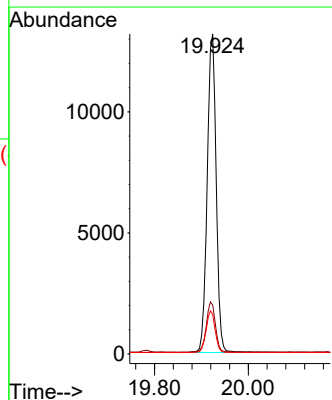
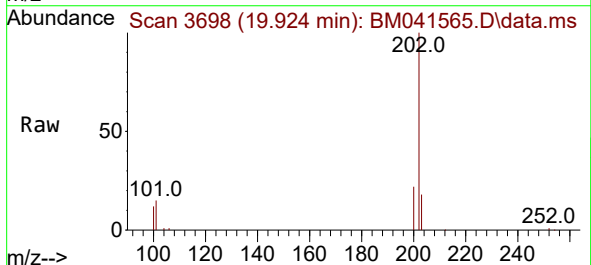
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

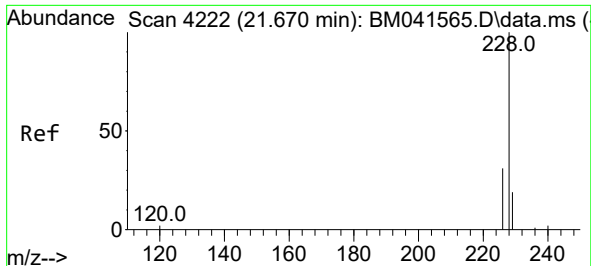
Tgt Ion:202 Resp: 17475
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.1 8.1 12.1



#20
Pyrene
Concen: 0.560 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:202 Resp: 17475
Ion Ratio Lower Upper
202 100
101 15.3 12.2 18.4
100 12.3 9.8 14.8

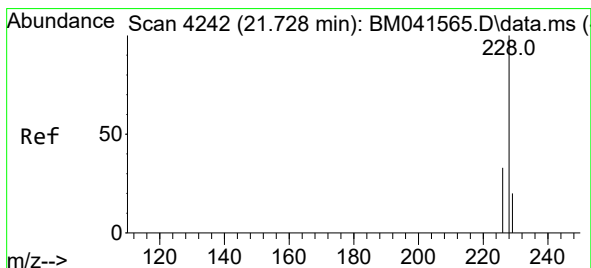
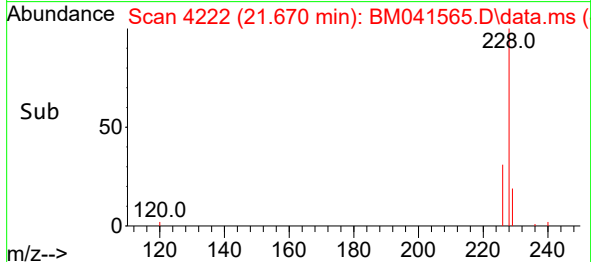
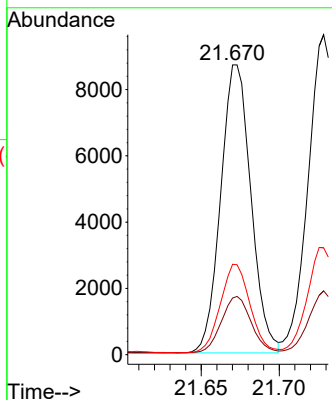
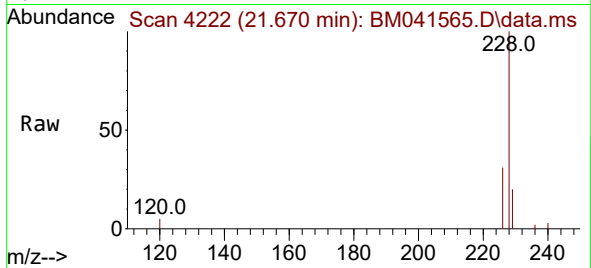




#21
Benzo(a)anthracene
Concen: 0.495 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

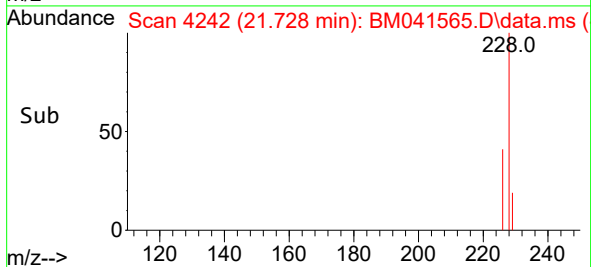
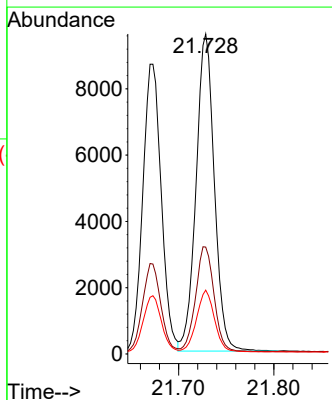
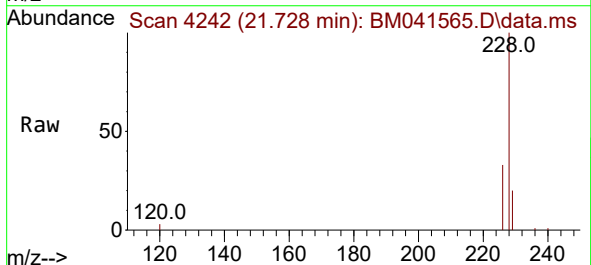
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

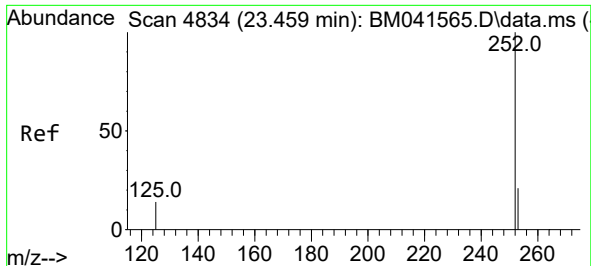
Tgt Ion:	228	Resp:	11748
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	31.2	25.0	37.4



#22
Chrysene
Concen: 0.542 ng/ul
RT: 21.728 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:	228	Resp:	12742
Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.7	40.1
229	19.9	15.9	23.9

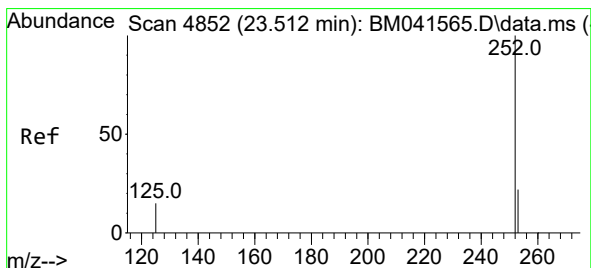
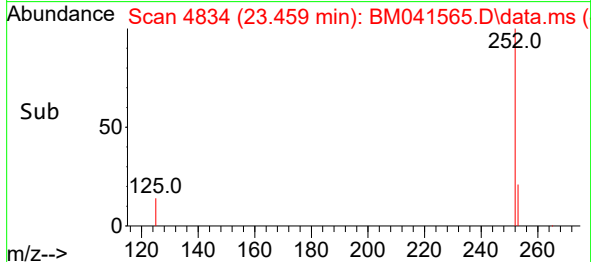
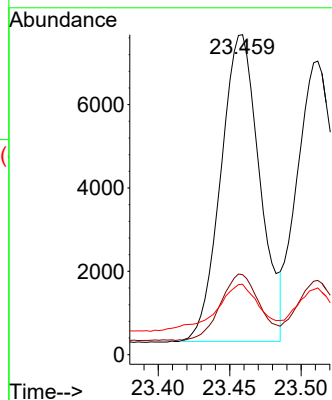
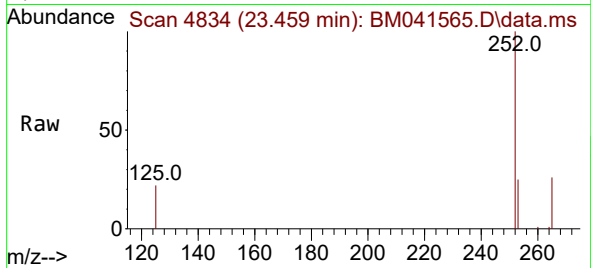




#24
Benzo(b)fluoranthene
Concen: 0.585 ng/ul
RT: 23.459 min Scan# 4834
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

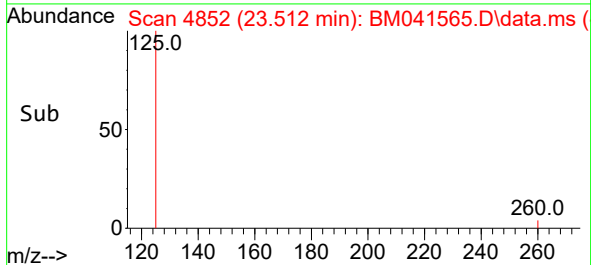
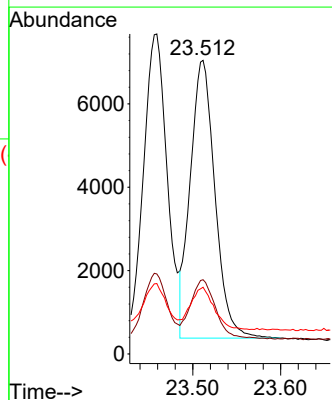
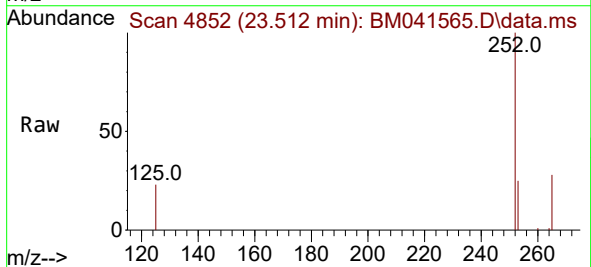
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

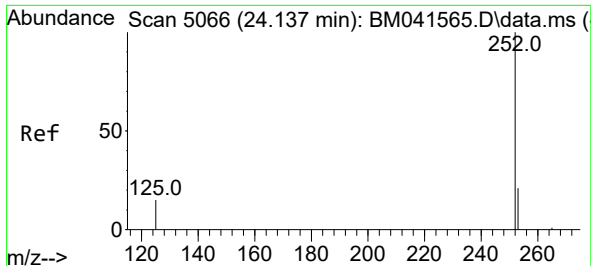
Tgt Ion:252 Resp: 13978
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.0
125 22.0 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.557 ng/ul
RT: 23.512 min Scan# 4852
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:252 Resp: 13012
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 22.8 18.2 27.4

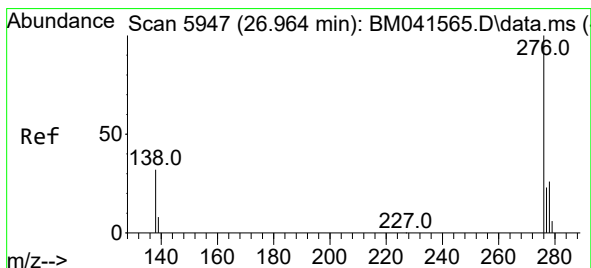
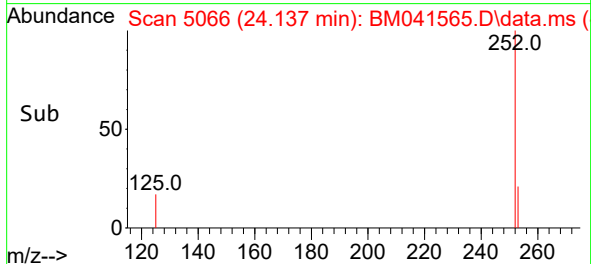
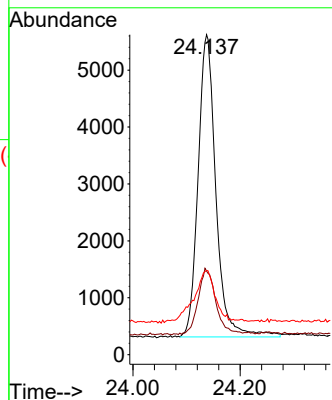
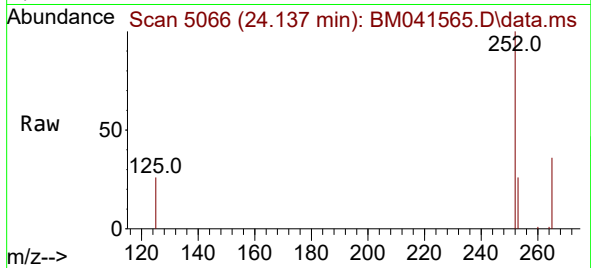




#26
Benzo(a)pyrene
Concen: 0.566 ng/ul
RT: 24.137 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

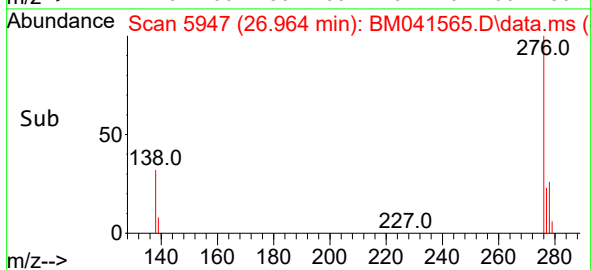
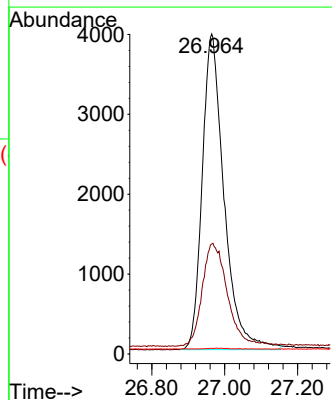
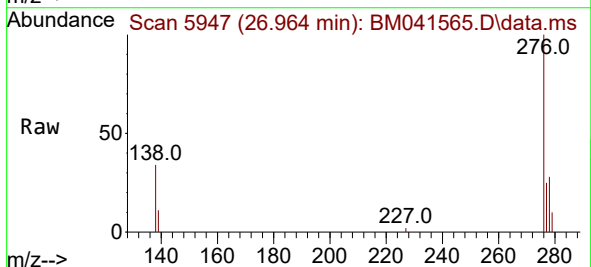
Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

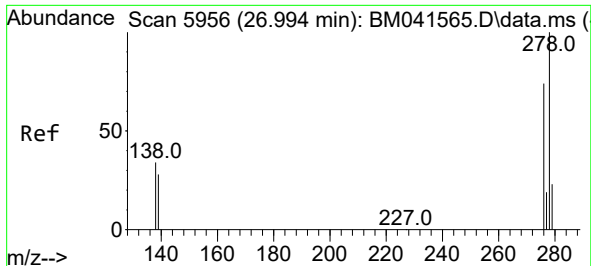
Tgt Ion:	252	Resp:	12243
Ion Ratio	Lower	Upper	
252	100		
253	26.1	20.9	31.3
125	26.4	21.1	31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.565 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BM041565.D
Acq: 29 Aug 2023 20:47

Tgt Ion:	276	Resp:	16412
Ion Ratio	Lower	Upper	
276	100		
138	37.9	30.3	45.5
227	0.1	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.525 ng/ul

RT: 26.994 min Scan# 5956

Delta R.T. 0.000 min

Lab File: BM041565.D

Acq: 29 Aug 2023 20:47

Instrument :

BNA_M

ClientSampleId :

SSTD0.4010

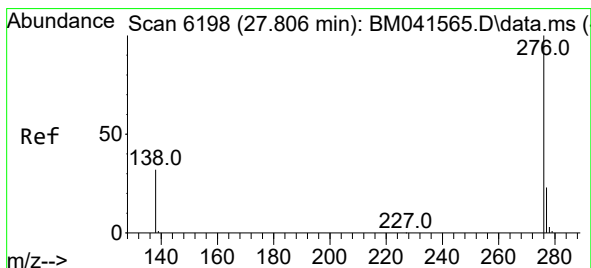
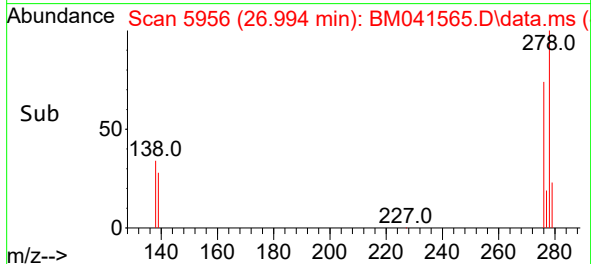
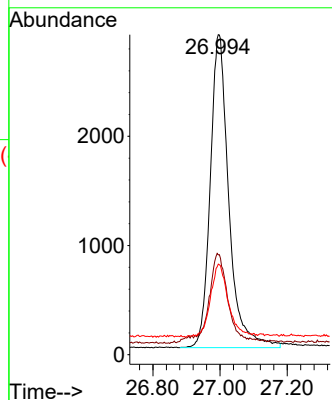
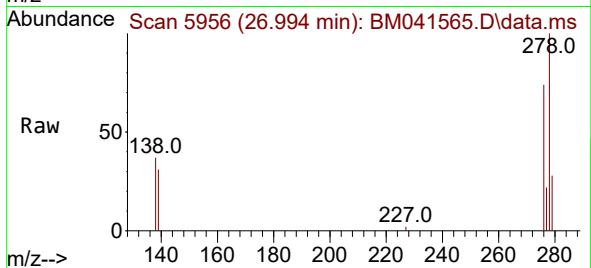
Tgt Ion:278 Resp: 10980

Ion Ratio Lower Upper

278 100

139 31.2 25.0 37.4

279 28.3 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.565 ng/ul

RT: 27.806 min Scan# 6198

Delta R.T. 0.000 min

Lab File: BM041565.D

Acq: 29 Aug 2023 20:47

Tgt Ion:276 Resp: 13738

Ion Ratio Lower Upper

276 100

138 34.2 27.4 41.0

277 25.5 20.4 30.6

