

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041025.D
 Acq On : 21 Jul 2023 20:00
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 23:51:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

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

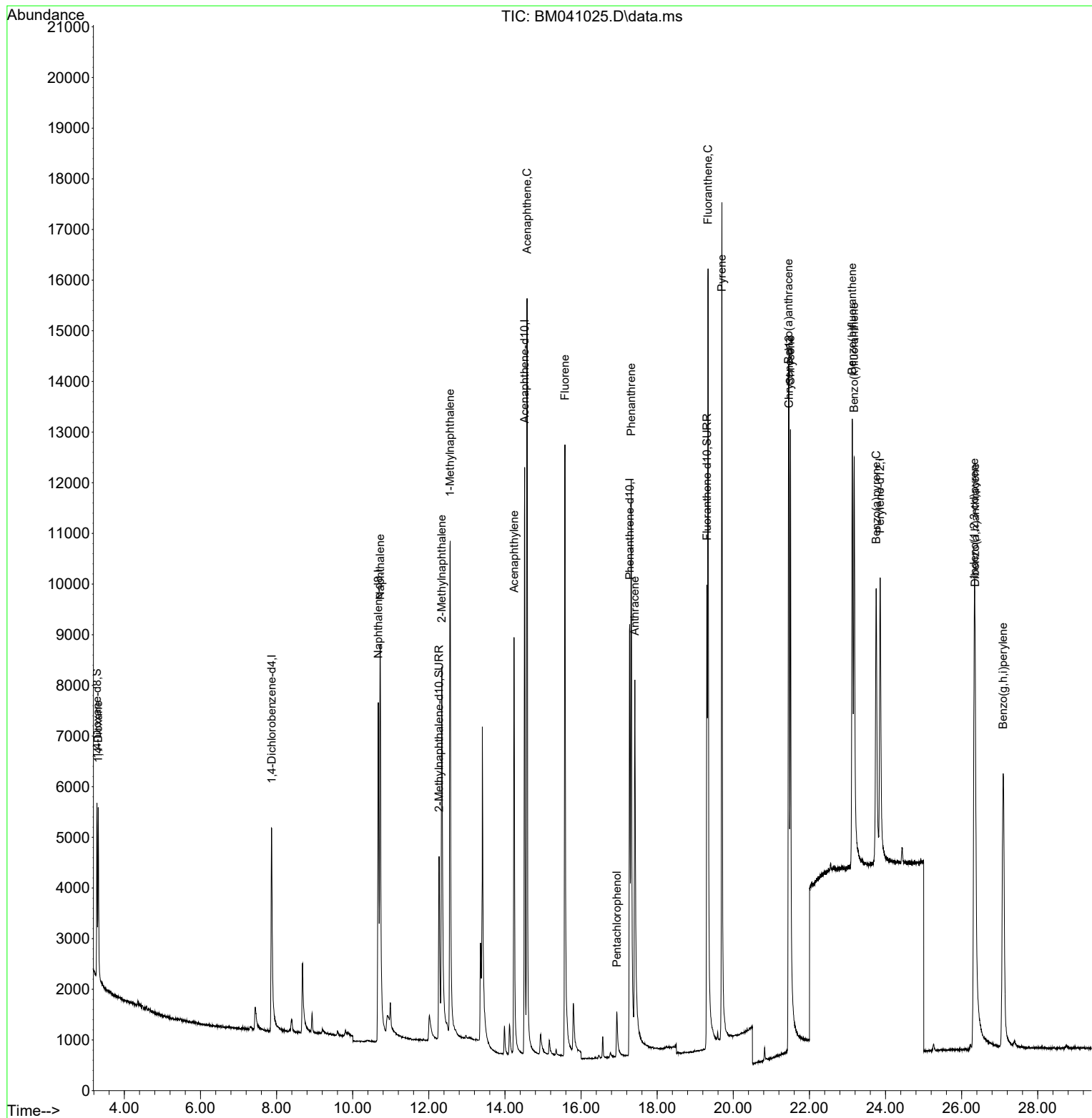
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	3380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.675	136	12552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	6960	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	12662	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	9255	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	9102	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2076	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	7265	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	12479	0.321	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	2074	0.355	ng/ul#	85
5) Naphthalene	10.724	128	13398	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.341	142	7984	0.424	ng/ul	100
8) 1-Methylnaphthalene	12.561	142	8456	0.423	ng/ul	100
10) Acenaphthylene	14.240	152	11358	0.390	ng/ul	99
11) Acenaphthene	14.583	153	9656	0.376	ng/ul	98
12) Fluorene	15.577	166	10232	0.385	ng/ul	98
14) Pentachlorophenol	16.940	266	1046	0.410	ng/ul	98
15) Phenanthrene	17.320	178	14587	0.385	ng/ul	100
16) Anthracene	17.413	178	11671	0.396	ng/ul	99
19) Fluoranthene	19.338	202	15508	0.325	ng/ul	95
20) Pyrene	19.701	202	16680	0.342	ng/ul	95
21) Benzo(a)anthracene	21.451	228	11410	0.405	ng/ul	100
22) Chrysene	21.504	228	12697	0.394	ng/ul	100
24) Benzo(b)fluoranthene	23.126	252	12918	0.370	ng/ul	96
25) Benzo(k)fluoranthene	23.175	252	12220	0.368	ng/ul	97
26) Benzo(a)pyrene	23.754	252	11426	0.379	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.330	276	16315	0.407	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.354	278	12729	0.420	ng/ul	93
29) Benzo(g,h,i)perylene	27.092	276	14686	0.397	ng/ul	95

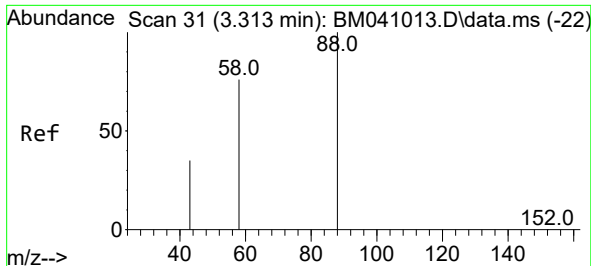
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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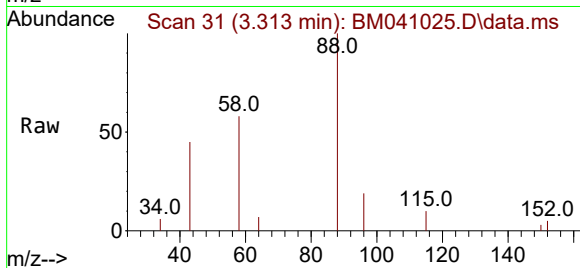
Quant Time: Jul 21 23:51:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration



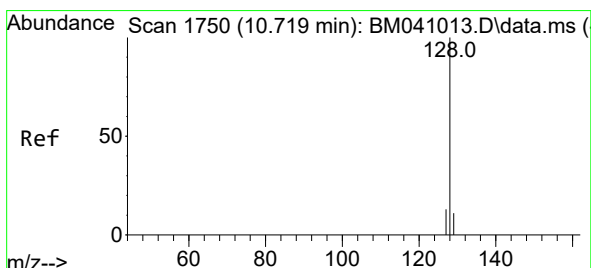
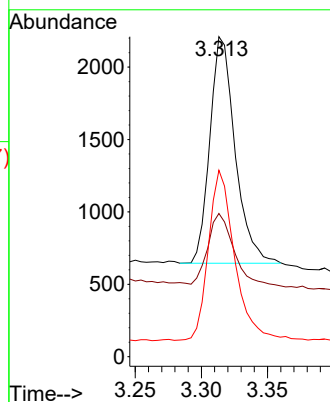
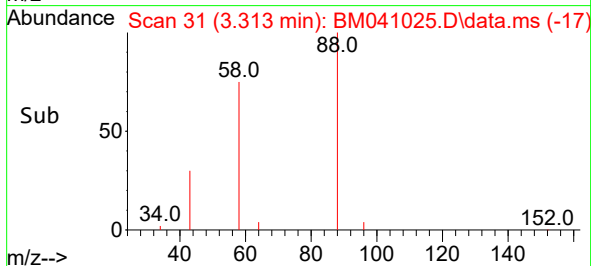


#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Instrument :
BNA_M
ClientSampleId :

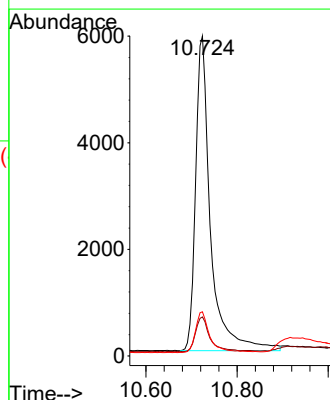
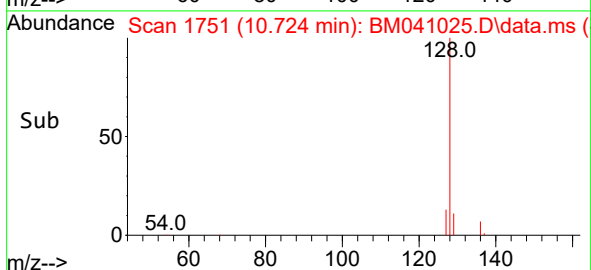
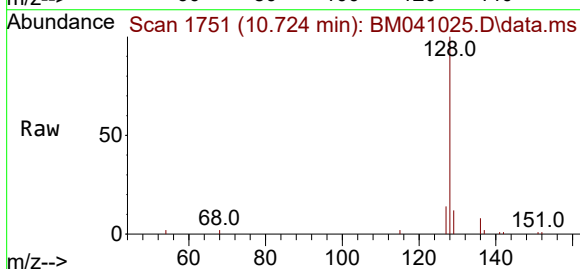


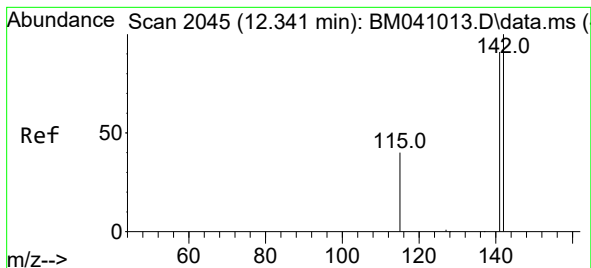
Tgt Ion: 88 Resp: 2074
Ion Ratio Lower Upper
88 100
43 44.8 46.7 70.1#
58 58.3 40.3 60.5



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. 0.005 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Tgt Ion: 128 Resp: 13398
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.8
127 13.8 11.0 16.4

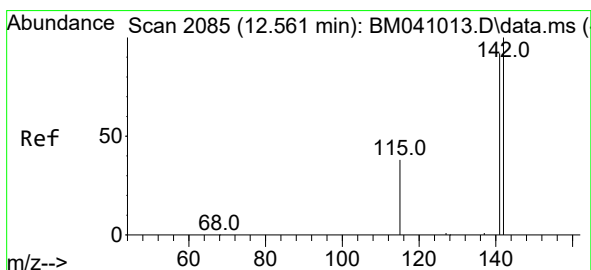
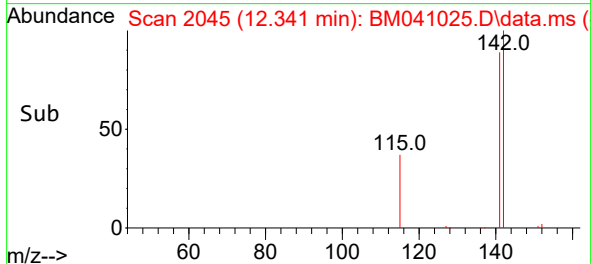
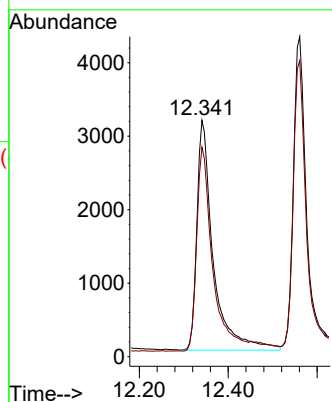
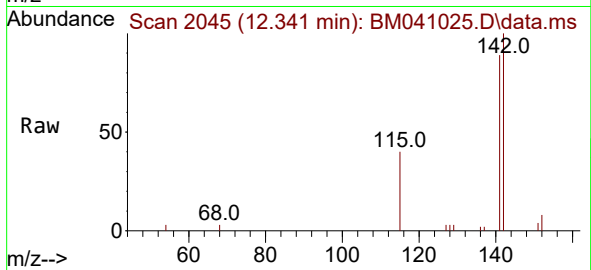




#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

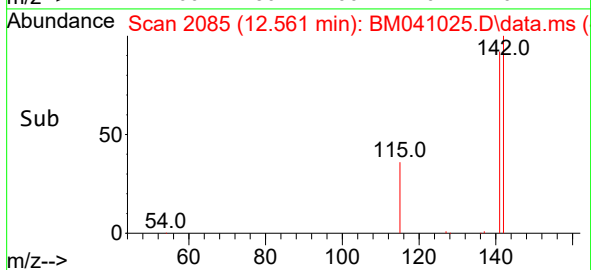
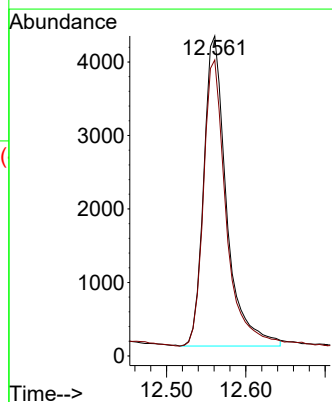
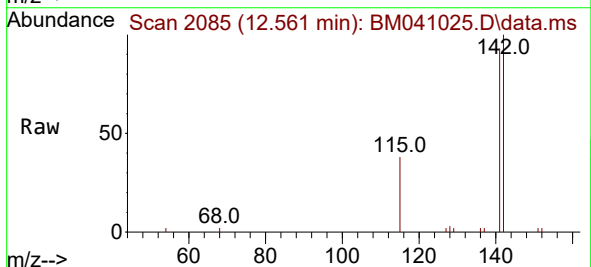
Instrument :
BNA_M
ClientSampleId :

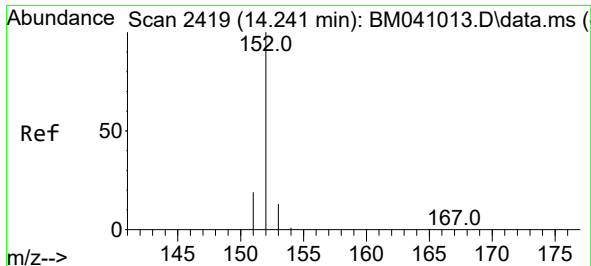
Tgt Ion:142 Resp: 7984
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Tgt Ion:142 Resp: 8456
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2

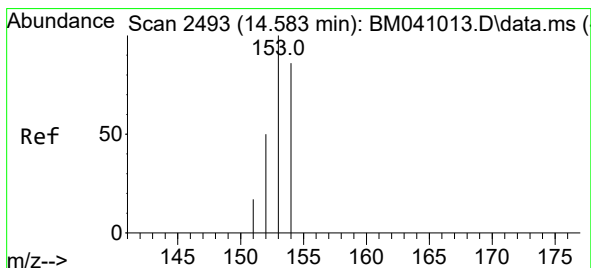
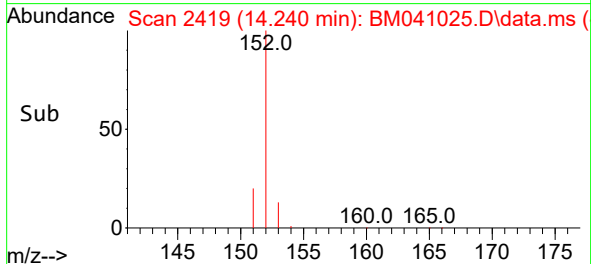
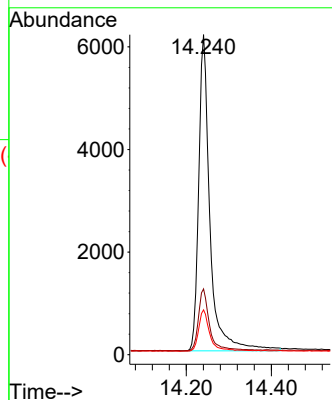
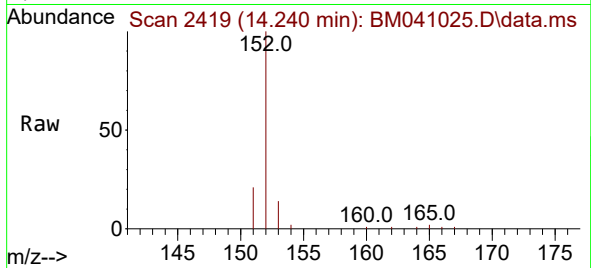




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

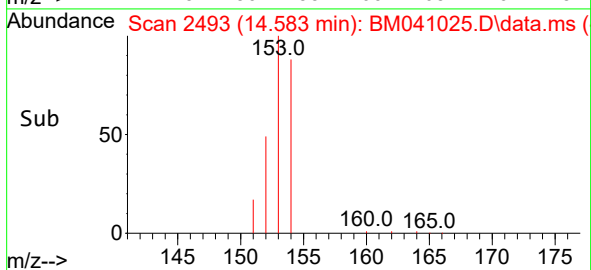
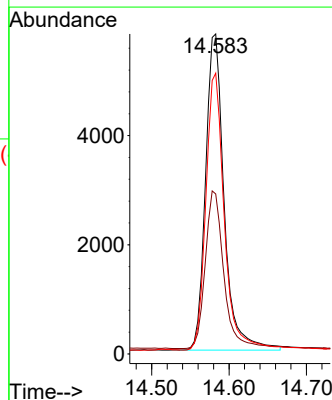
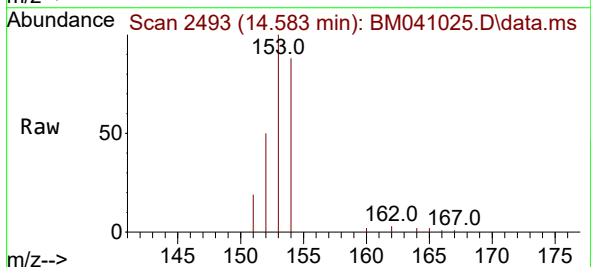
Instrument :
BNA_M
ClientSampleId :

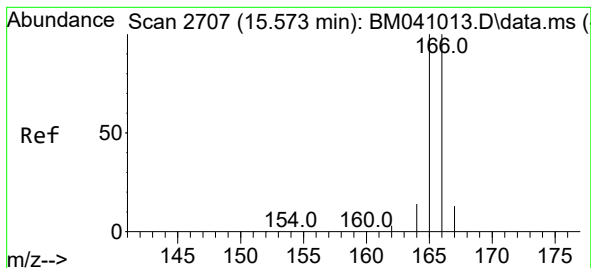
Tgt Ion:152 Resp: 11358
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.0 11.6 17.4



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Tgt Ion:153 Resp: 9656
Ion Ratio Lower Upper
153 100
152 50.0 41.0 61.6
154 87.7 68.2 102.2





#12

Fluorene

Concen: 0.385 ng/ul

RT: 15.577 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM041025.D

Acq: 21 Jul 2023 20:00

Instrument :

BNA_M

ClientSampleId :

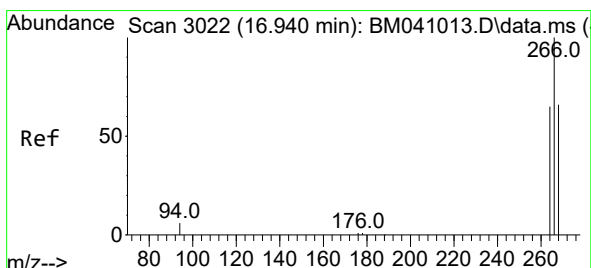
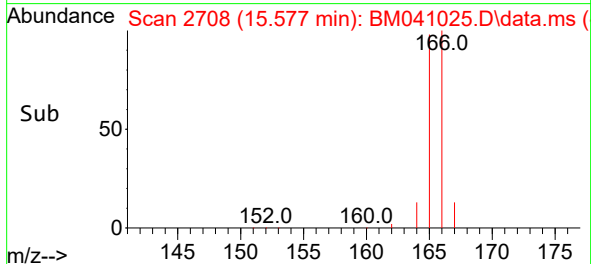
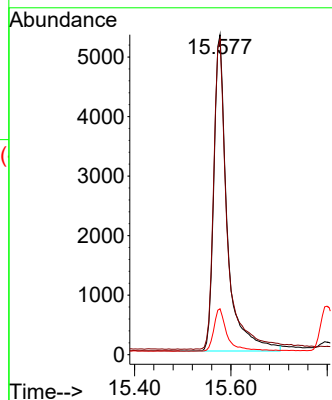
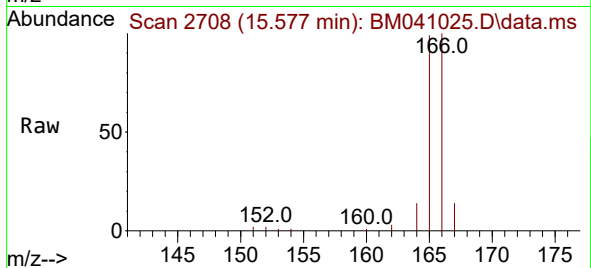
Tgt Ion:166 Resp: 10232

Ion Ratio Lower Upper

166 100

165 98.5 80.3 120.5

167 14.4 11.7 17.5



#14

Pentachlorophenol

Concen: 0.410 ng/ul

RT: 16.940 min Scan# 3022

Delta R.T. -0.000 min

Lab File: BM041025.D

Acq: 21 Jul 2023 20:00

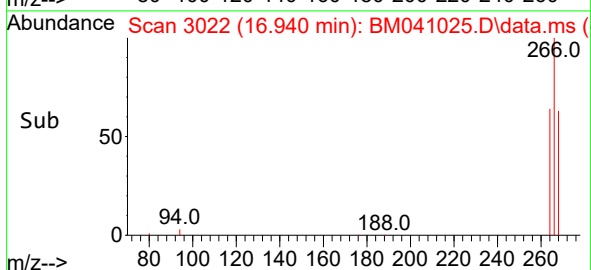
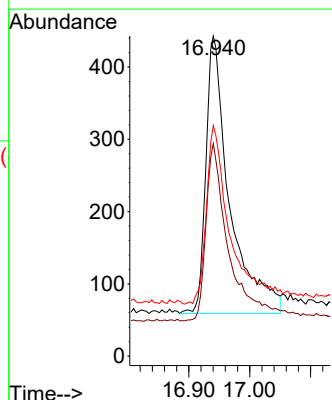
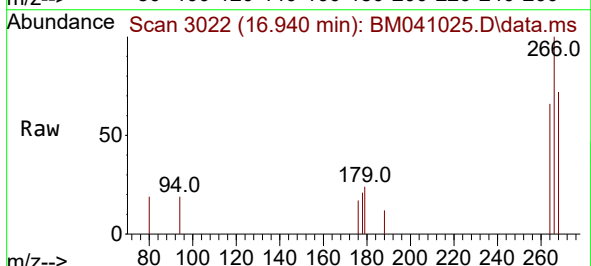
Tgt Ion:266 Resp: 1046

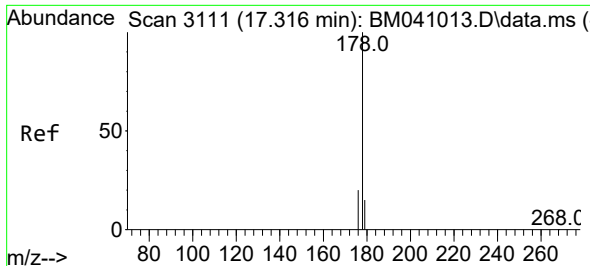
Ion Ratio Lower Upper

266 100

264 60.7 50.7 76.1

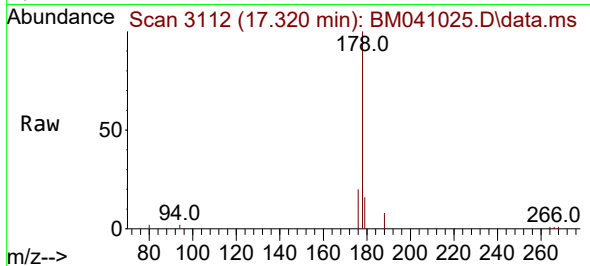
268 64.9 52.8 79.2



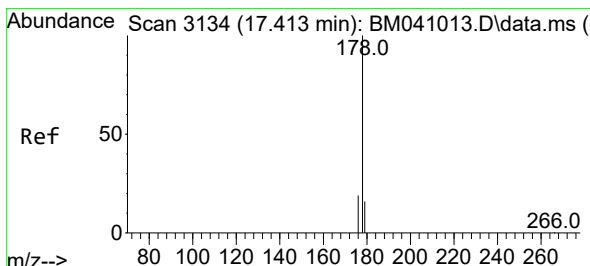
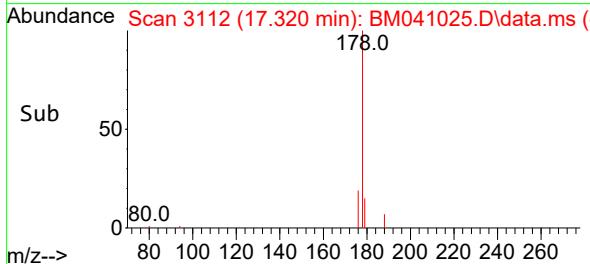
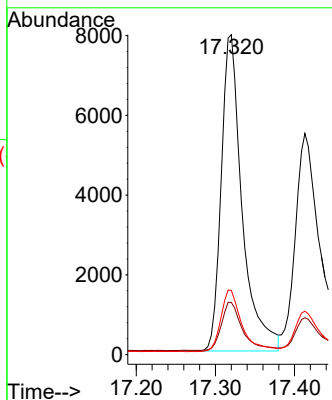


#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. 0.004 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Instrument :
BNA_M
ClientSampleId :

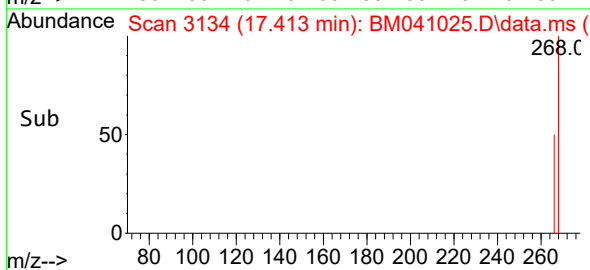
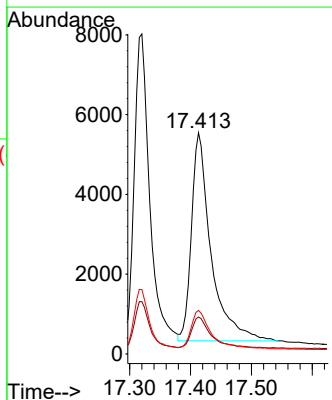
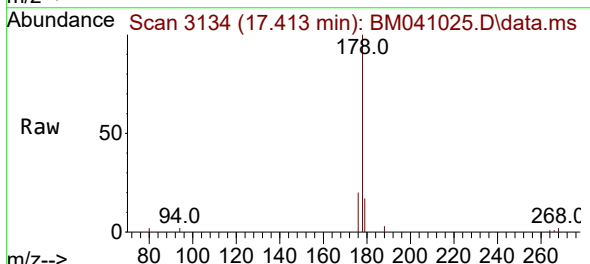


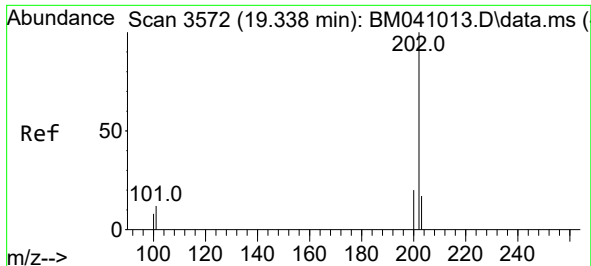
Tgt Ion:178 Resp: 14587
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

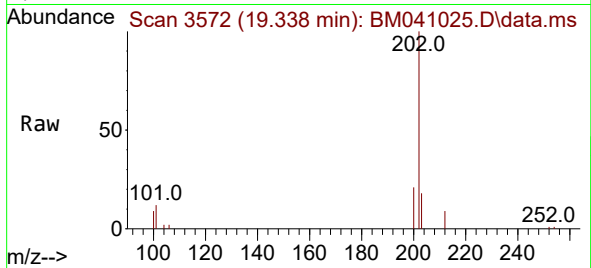
Tgt Ion:178 Resp: 11671
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 19.6 16.4 24.6



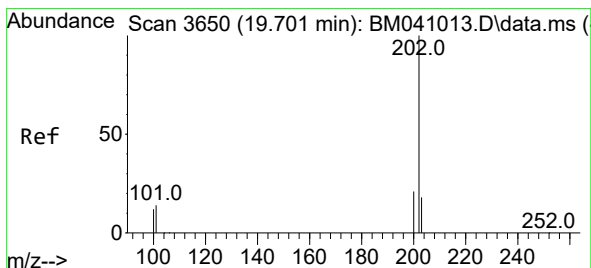
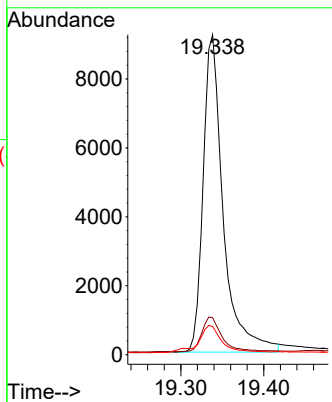
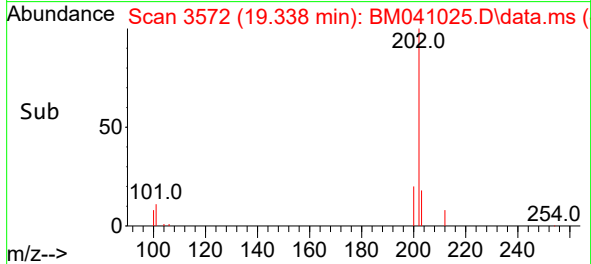


#19
Fluoranthene
Concen: 0.325 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Instrument :
BNA_M
ClientSampleId :

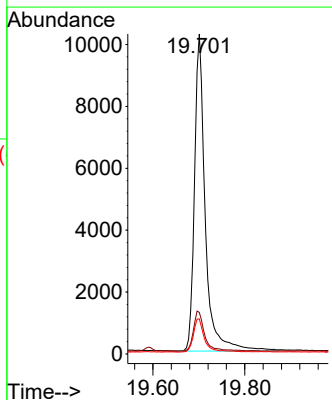
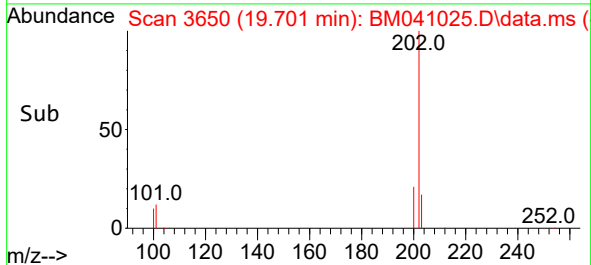
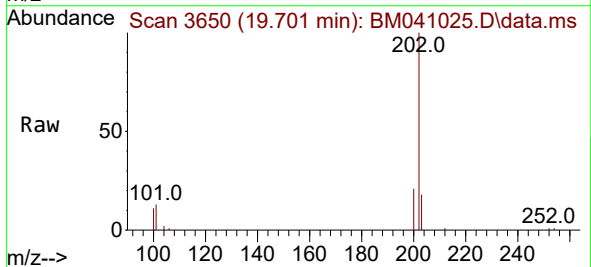


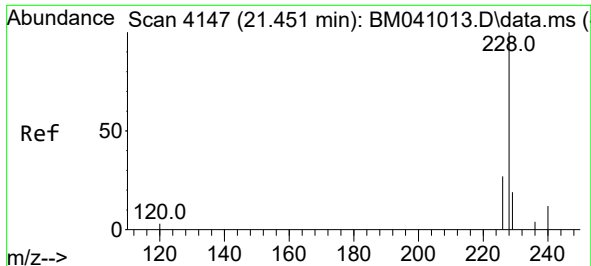
Tgt Ion:202 Resp: 15508
Ion Ratio Lower Upper
202 100
101 11.6 11.0 16.4
100 8.8 8.3 12.5



#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Tgt Ion:202 Resp: 16680
Ion Ratio Lower Upper
202 100
101 13.0 12.5 18.7
100 10.9 10.0 15.0

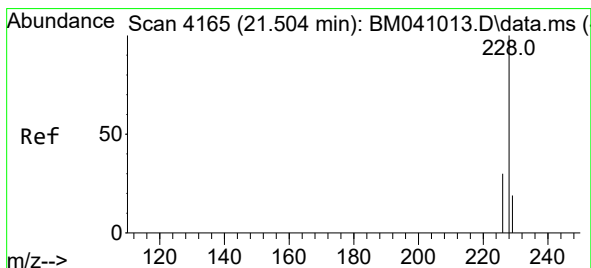
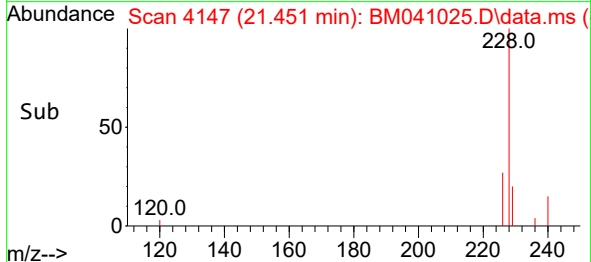
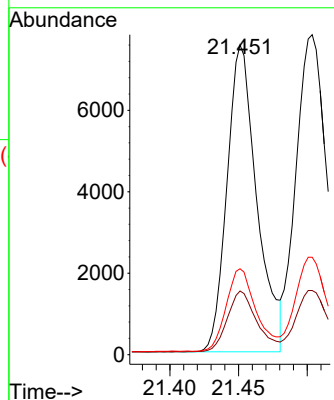
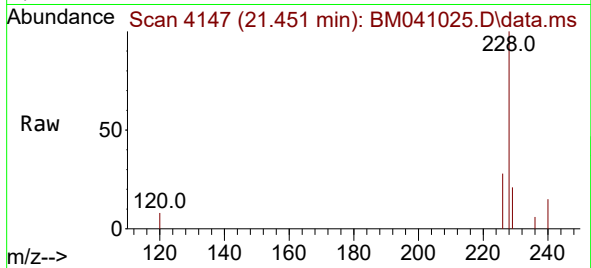




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

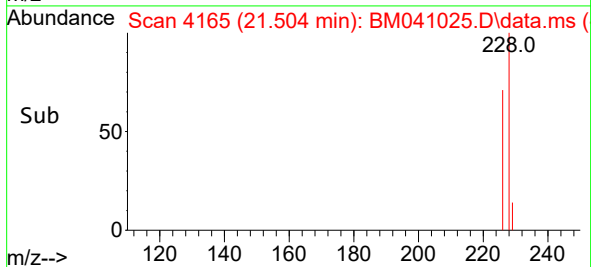
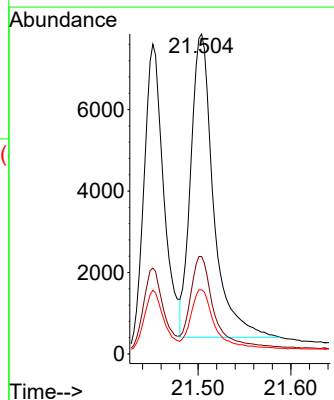
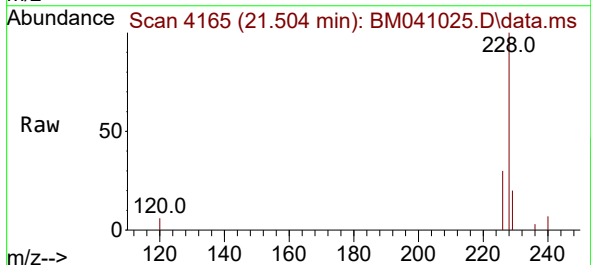
Instrument :
BNA_M
ClientSampleId :

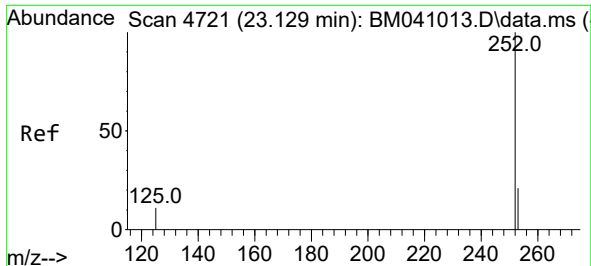
Tgt Ion:228 Resp: 11410
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.4
226 27.7 22.3 33.5



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

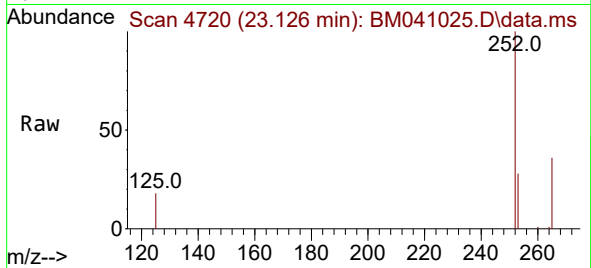
Tgt Ion:228 Resp: 12697
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.1 16.1 24.1



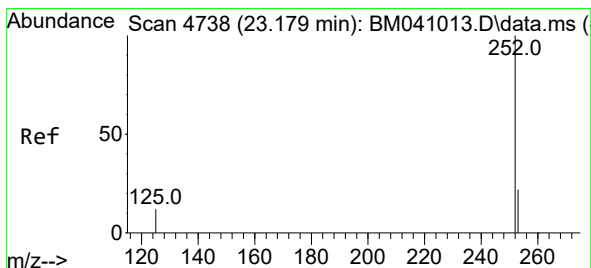
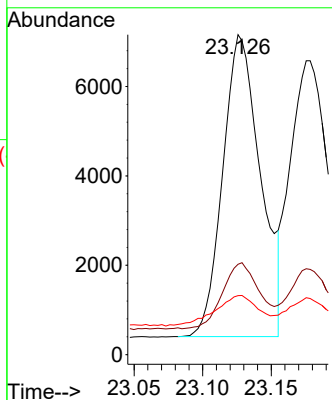


#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Instrument :
BNA_M
ClientSampleId :

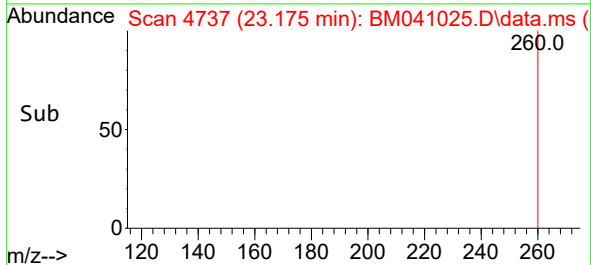
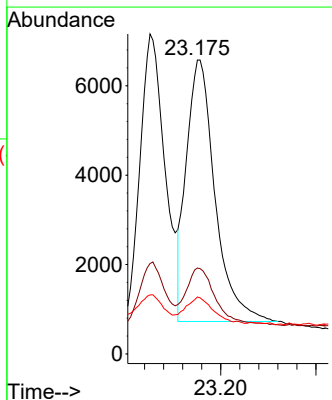
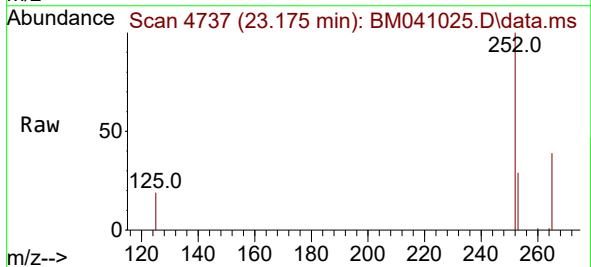


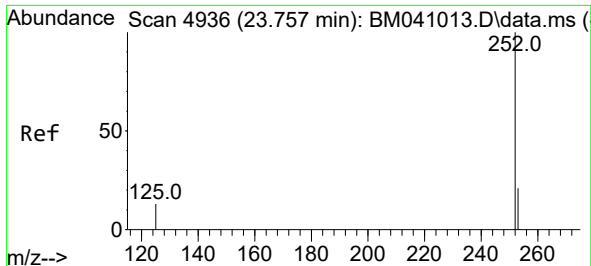
Tgt Ion:252 Resp: 12918
Ion Ratio Lower Upper
252 100
253 28.2 0.0 57.4
125 18.5 0.0 45.2



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.175 min Scan# 4737
Delta R.T. -0.003 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

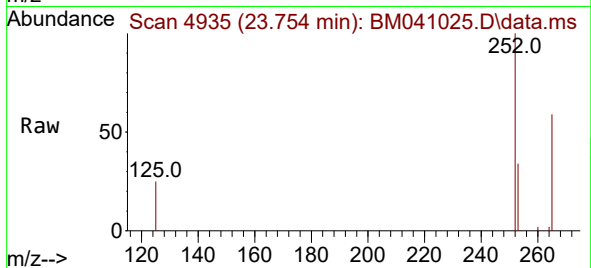
Tgt Ion:252 Resp: 12220
Ion Ratio Lower Upper
252 100
253 29.2 23.3 34.9
125 19.4 18.2 27.2



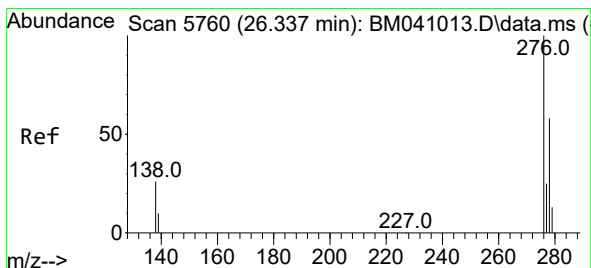
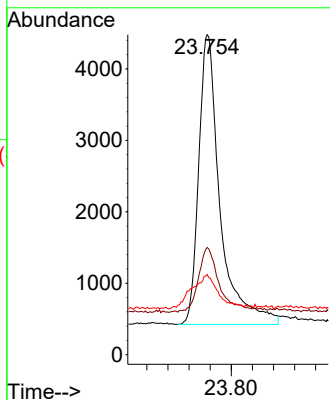
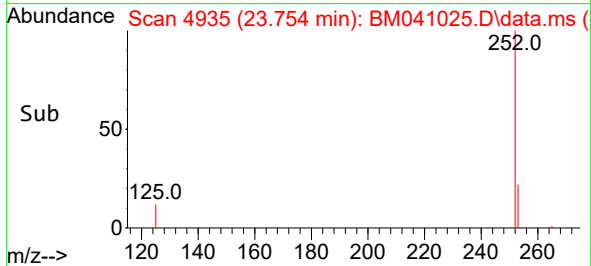


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.754 min Scan# 4936
Delta R.T. -0.003 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Instrument :
BNA_M
ClientSampleId :

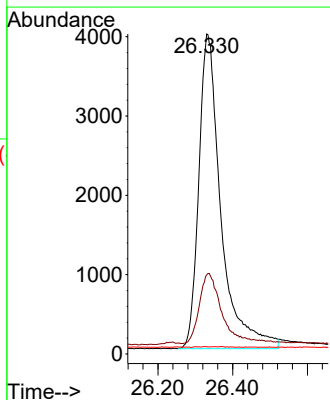
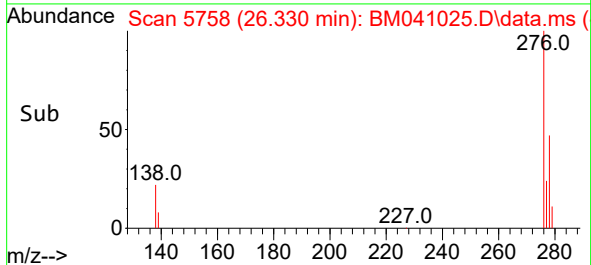
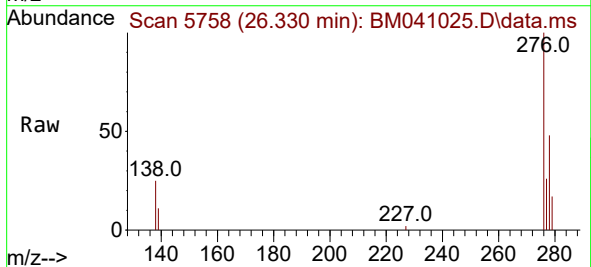


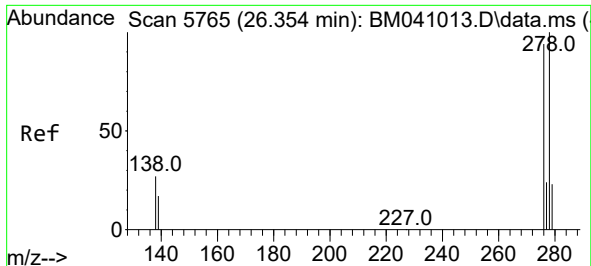
Tgt Ion:252 Resp: 11426
Ion Ratio Lower Upper
252 100
253 33.5 28.2 42.2
125 25.1 25.2 37.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.007 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

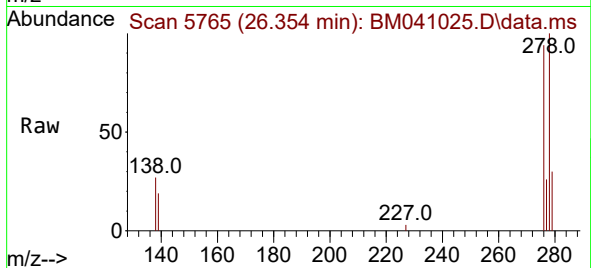
Tgt Ion:276 Resp: 16315
Ion Ratio Lower Upper
276 100
138 23.0 22.3 33.5
227 0.1 0.0 0.0#



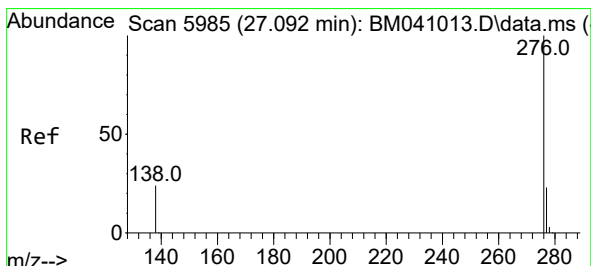
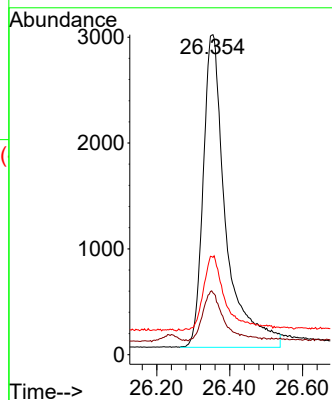
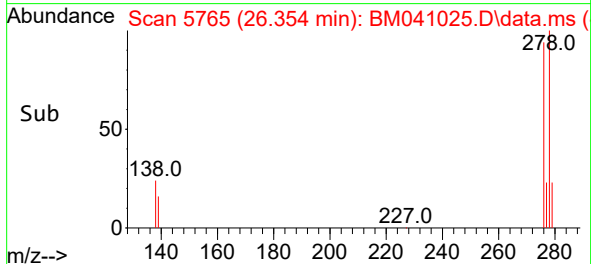


#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 12729
Ion Ratio Lower Upper
278 100
139 19.3 19.2 28.8
279 30.4 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. -0.000 min
Lab File: BM041025.D
Acq: 21 Jul 2023 20:00

Tgt Ion:276 Resp: 14686
Ion Ratio Lower Upper
276 100
138 23.7 22.6 34.0
277 25.7 21.2 31.8

