

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045452.D
 Acq On : 21 Apr 2024 08:33
 Operator : MA/JU
 Sample : PB160291BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 22 01:29:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 21 05:11:22 2024
 Response via : Initial Calibration

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

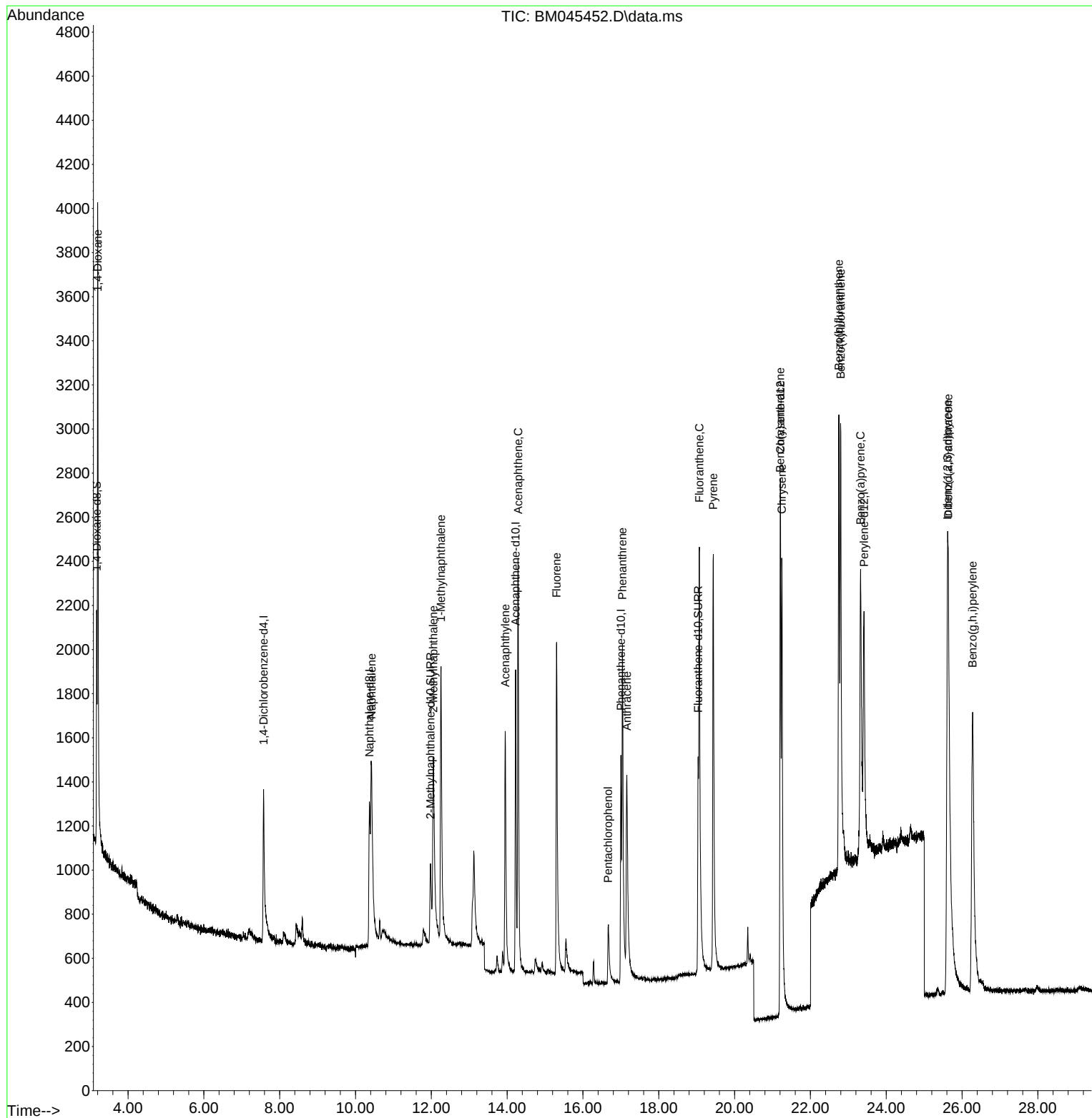
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	687	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	1961	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	975	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.001	188	1868	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	1372	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	1959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	712	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	983	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.038	212	1664	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	1926	2.174	ng/ul#	83
5) Naphthalene	10.424	128	2138	0.406	ng/ul	96
7) 2-Methylnaphthalene	12.057	142	1218	0.405	ng/ul	97
8) 1-Methylnaphthalene	12.255	142	1309	0.388	ng/ul	99
10) Acenaphthylene	13.950	152	1998	0.416	ng/ul	97
11) Acenaphthene	14.288	153	1493	0.418	ng/ul	98
12) Fluorene	15.306	166	1549	0.406	ng/ul	99
14) Pentachlorophenol	16.663	266	337	0.905	ng/ul#	85
15) Phenanthrene	17.043	178	2276	0.418	ng/ul	98
16) Anthracene	17.157	178	2109	0.414	ng/ul	96
19) Fluoranthene	19.071	202	2527	0.399	ng/ul	98
20) Pyrene	19.438	202	2625	0.403	ng/ul	99
21) Benzo(a)anthracene	21.202	228	2015	0.459	ng/ul	97
22) Chrysene	21.246	228	2925	0.434	ng/ul	98
24) Benzo(b)fluoranthene	22.751	252	2915	0.442	ng/ul	99
25) Benzo(k)fluoranthene	22.797	252	3727	0.448	ng/ul	97
26) Benzo(a)pyrene	23.324	252	3088	0.452	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.615	276	4543	0.457	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.639	278	3556	0.451	ng/ul	99
29) Benzo(g,h,i)perylene	26.279	276	4039	0.453	ng/ul	100

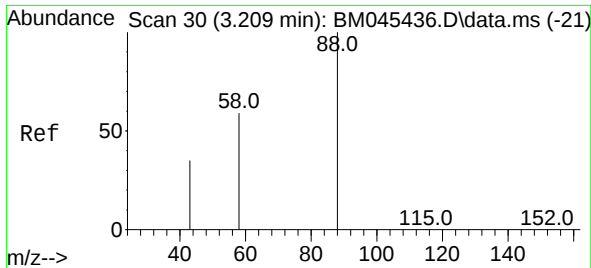
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045452.D
Acq On : 21 Apr 2024 08:33
Operator : MA/JU
Sample : PB160291BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

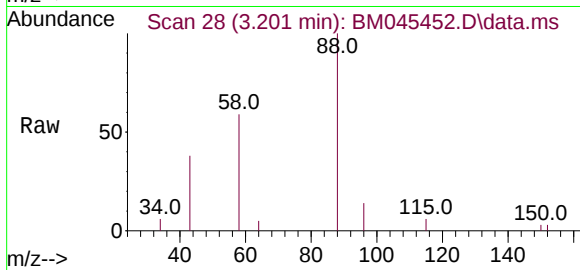
Quant Time: Apr 22 01:29:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 21 05:11:22 2024
Response via : Initial Calibration



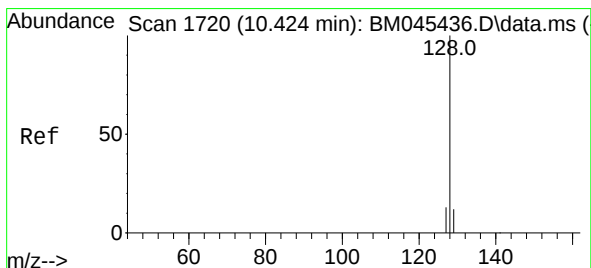
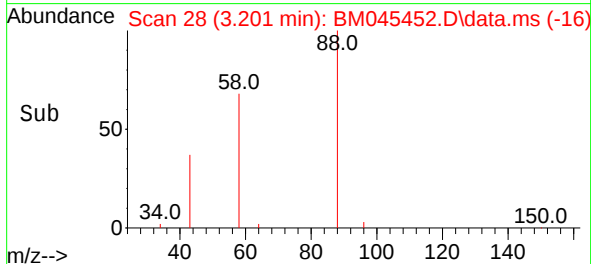
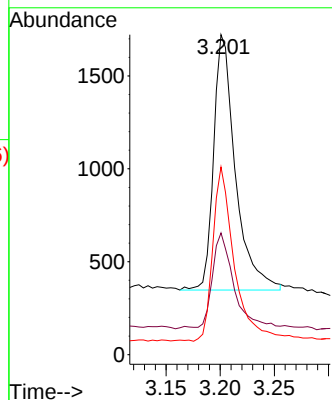


#2
1,4-Dioxane
Concen: 2.174 ng/ul
RT: 3.201 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :

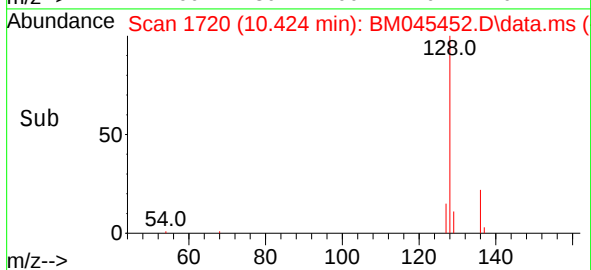
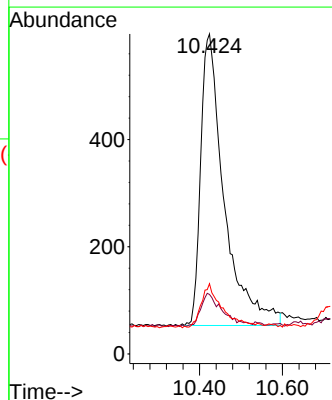
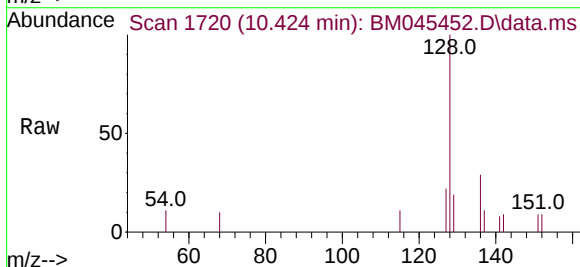


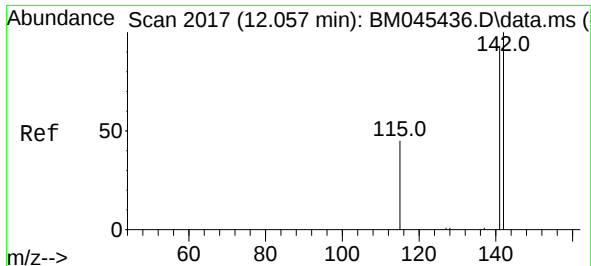
Tgt Ion: 88 Resp: 1926
Ion Ratio Lower Upper
88 100
43 38.0 36.8 55.2
58 58.7 35.4 53.2#



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.424 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

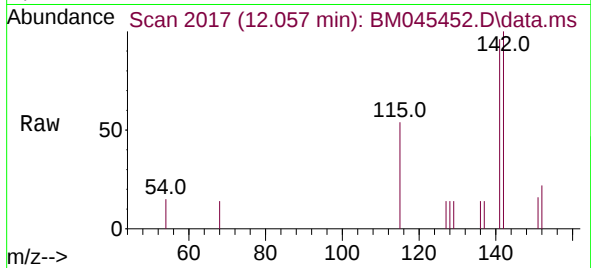
Tgt Ion:128 Resp: 2138
Ion Ratio Lower Upper
128 100
129 18.6 14.0 21.0
127 21.9 15.4 23.2



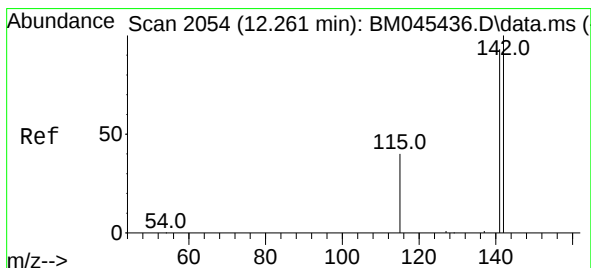
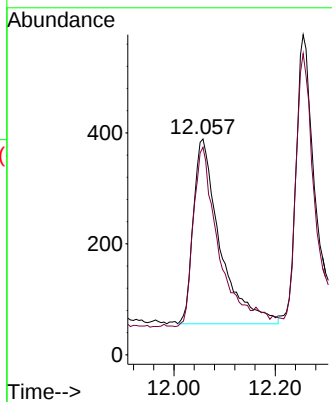
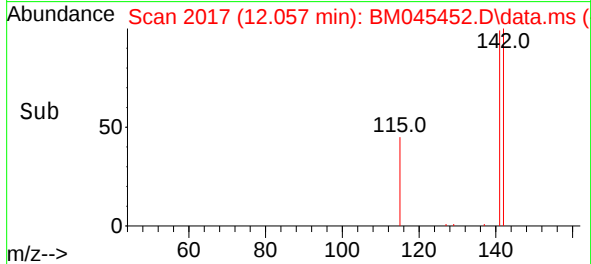


#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.057 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

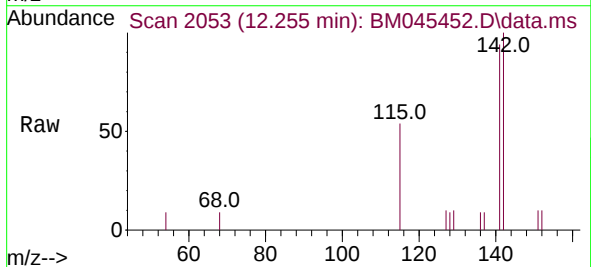
Instrument :
BNA_M
ClientSampleId :



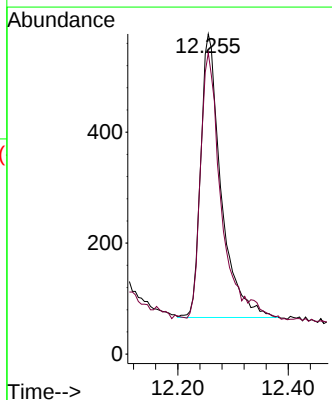
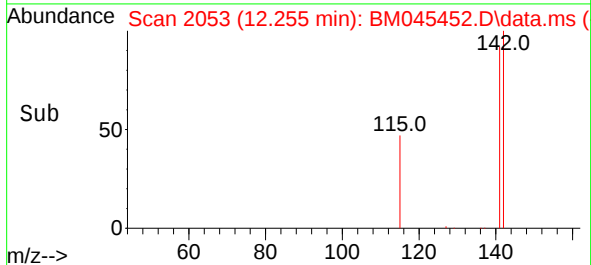
Tgt Ion:142 Resp: 1218
Ion Ratio Lower Upper
142 100
141 96.2 74.6 111.8

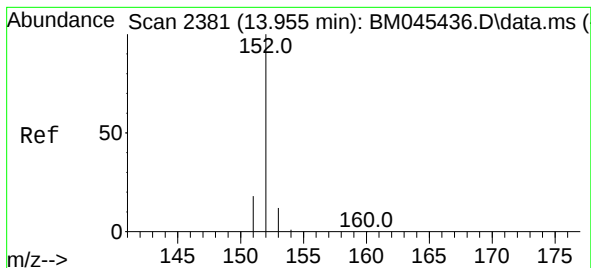


#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.255 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33



Tgt Ion:142 Resp: 1309
Ion Ratio Lower Upper
142 100
141 94.5 76.1 114.1





#10

Acenaphthylene

Concen: 0.416 ng/ul

RT: 13.950 min Scan# 2453

Delta R.T. -0.009 min

Lab File: BM045452.D

Acq: 21 Apr 2024 08:33

Instrument :

BNA_M

ClientSampleId :

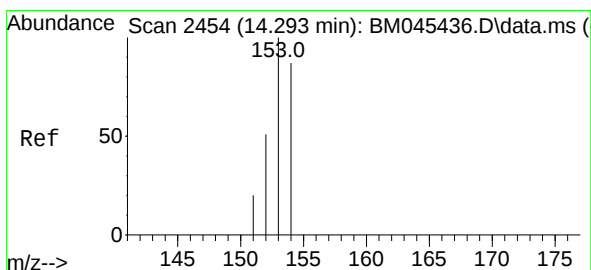
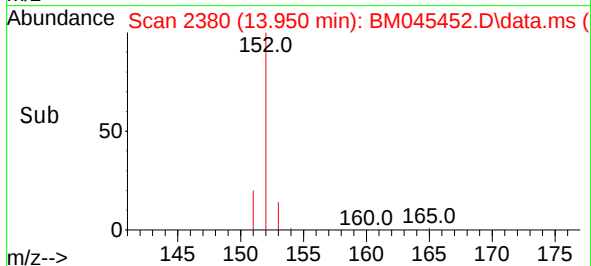
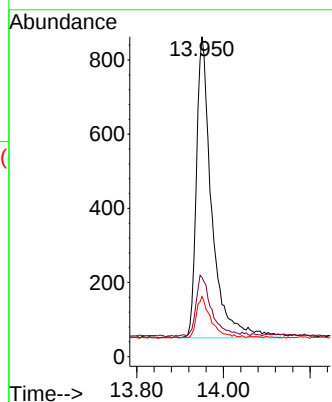
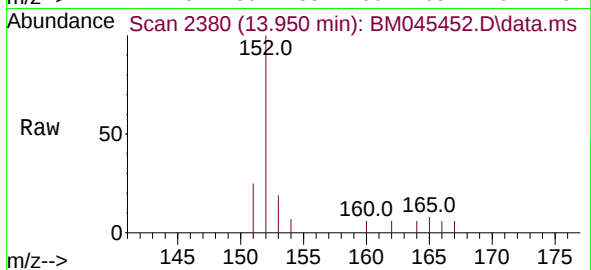
Tgt Ion:152 Resp: 1998

Ion Ratio Lower Upper

152 100

151 24.8 18.6 28.0

153 18.8 14.1 21.1



#11

Acenaphthene

Concen: 0.418 ng/ul

RT: 14.288 min Scan# 2453

Delta R.T. -0.005 min

Lab File: BM045452.D

Acq: 21 Apr 2024 08:33

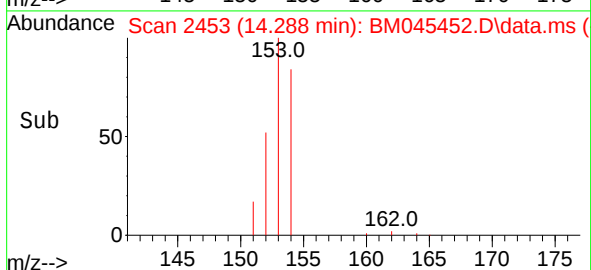
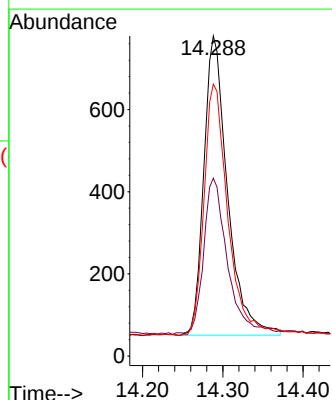
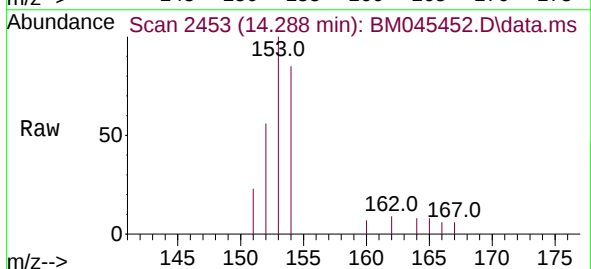
Tgt Ion:153 Resp: 1493

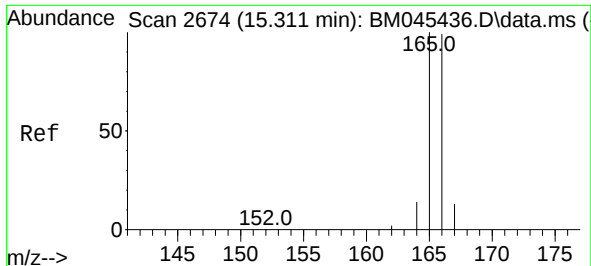
Ion Ratio Lower Upper

153 100

152 55.6 43.4 65.2

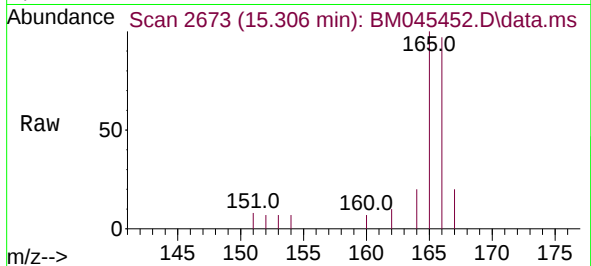
154 85.0 69.0 103.6



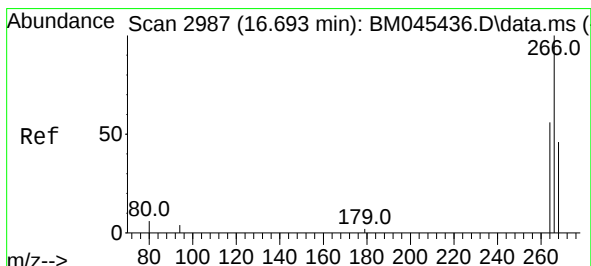
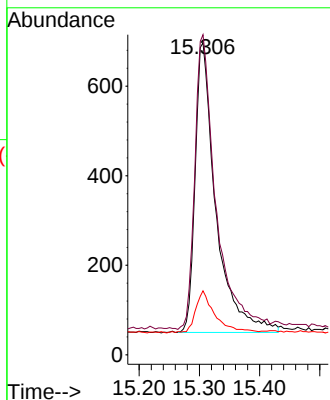
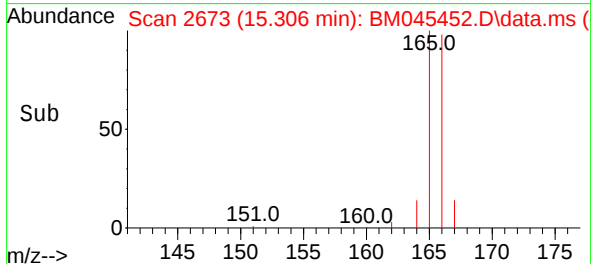


#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.306 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :

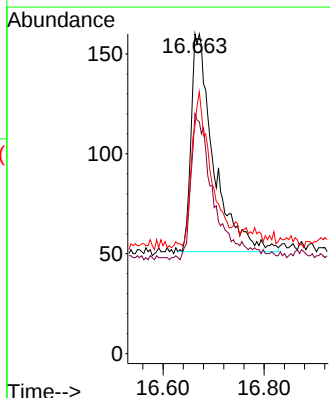
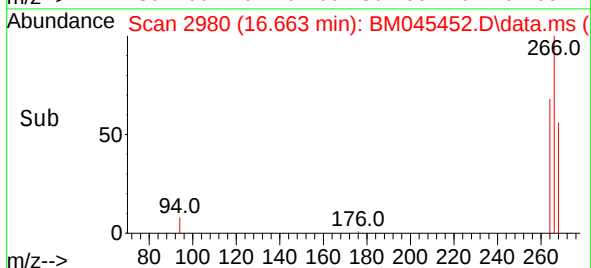
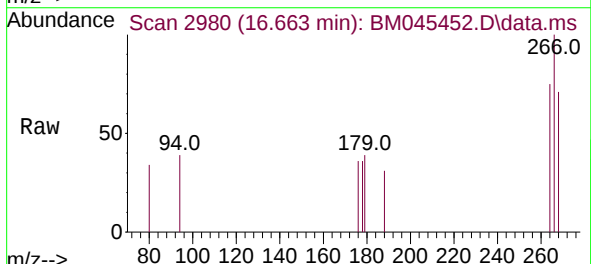


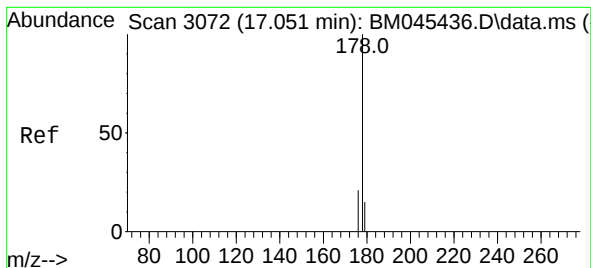
Tgt Ion:166 Resp: 1549
Ion Ratio Lower Upper
166 100
165 102.6 82.2 123.2
167 20.5 14.8 22.2



#14
Pentachlorophenol
Concen: 0.905 ng/ul
RT: 16.663 min Scan# 2980
Delta R.T. -0.021 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:266 Resp: 337
Ion Ratio Lower Upper
266 100
264 69.1 45.5 68.3#
268 58.2 56.1 84.1





#15

Phenanthrene

Concen: 0.418 ng/ul

RT: 17.043 min Scan# 3072

Delta R.T. -0.008 min

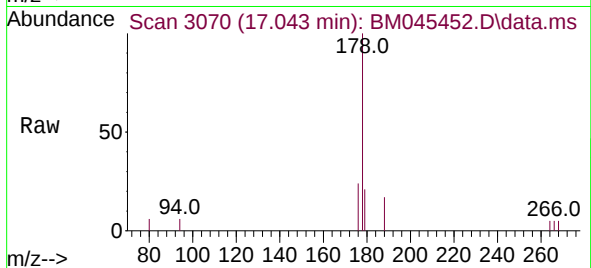
Lab File: BM045452.D

Acq: 21 Apr 2024 08:33

Instrument :

BNA_M

ClientSampleId :



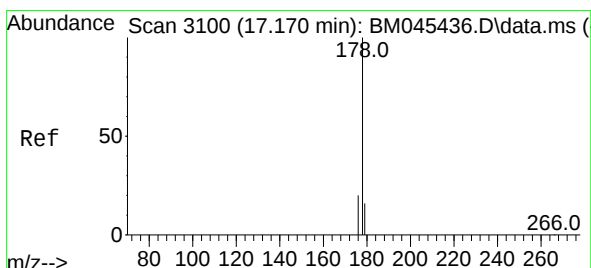
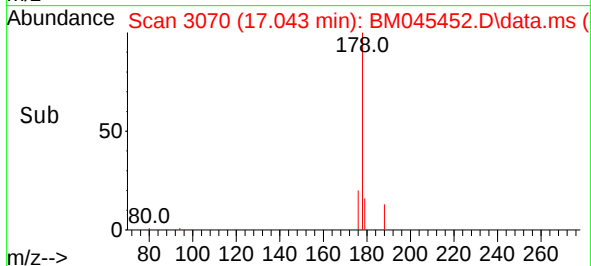
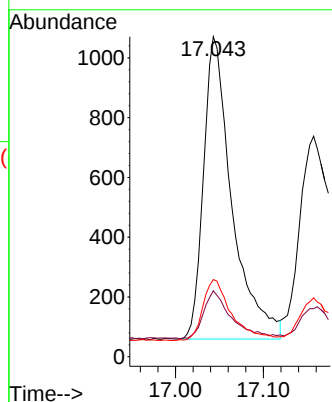
Tgt Ion:178 Resp: 2276

Ion Ratio Lower Upper

178 100

179 20.6 15.4 23.2

176 24.1 19.0 28.4



#16

Anthracene

Concen: 0.414 ng/ul

RT: 17.157 min Scan# 3097

Delta R.T. -0.004 min

Lab File: BM045452.D

Acq: 21 Apr 2024 08:33

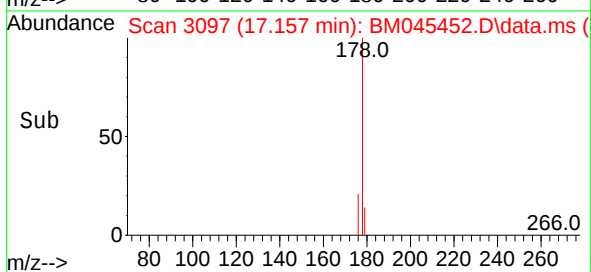
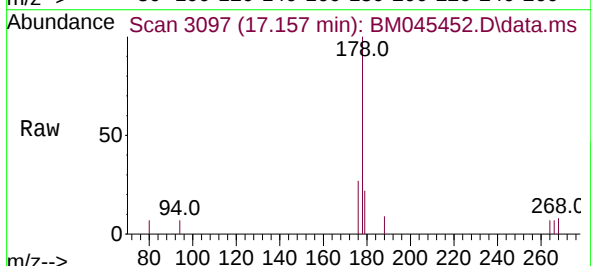
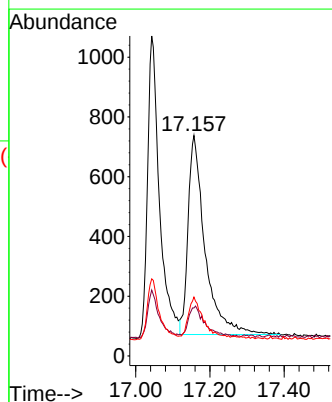
Tgt Ion:178 Resp: 2109

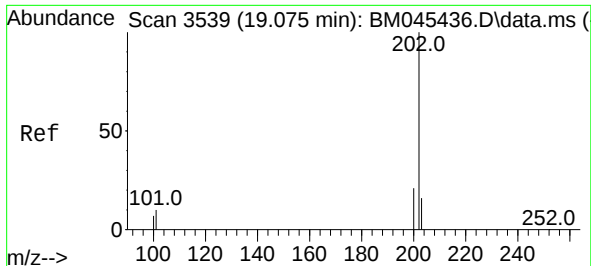
Ion Ratio Lower Upper

178 100

179 21.8 17.8 26.6

176 26.7 18.7 28.1

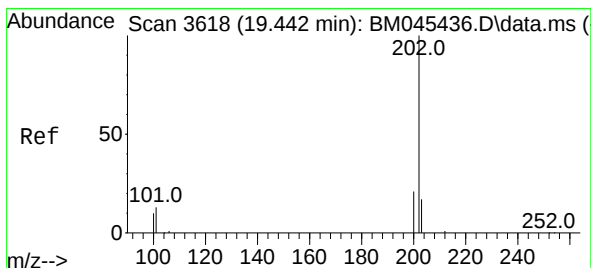
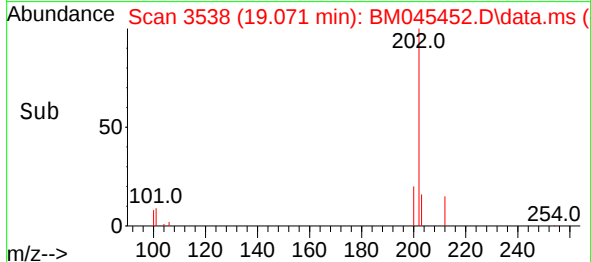
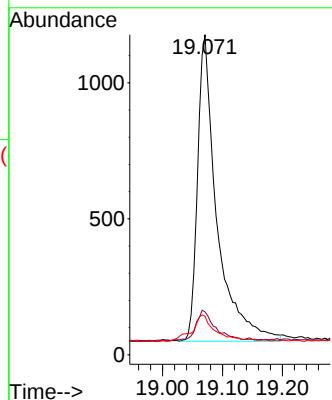
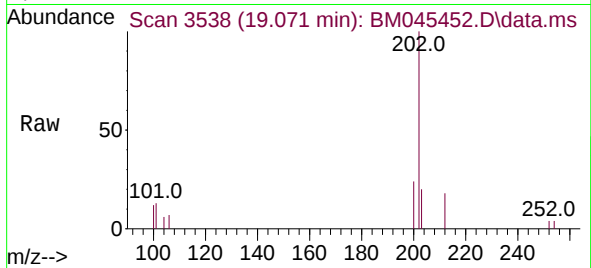




#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.071 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

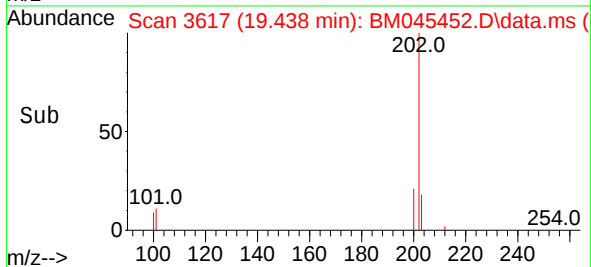
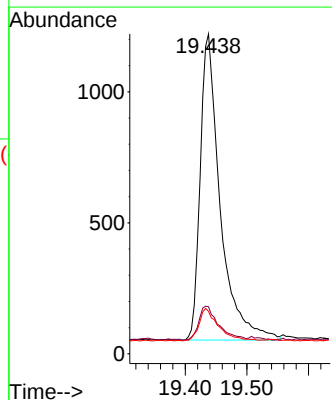
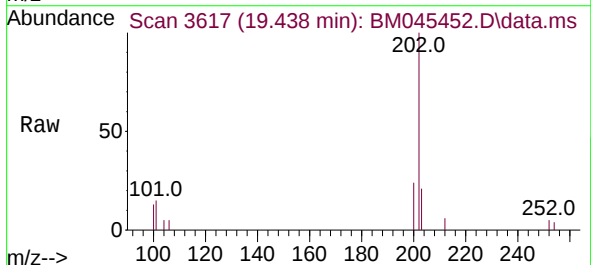
Instrument :
BNA_M
ClientSampleId :

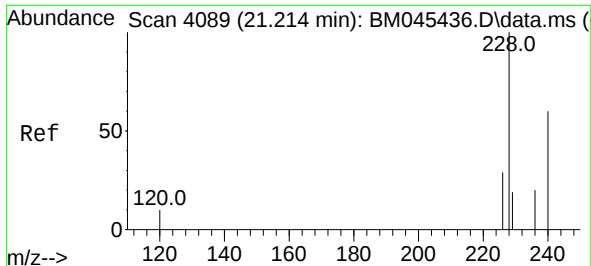
Tgt Ion:202 Resp: 2527
Ion Ratio Lower Upper
202 100
101 13.4 11.2 16.8
100 12.1 9.1 13.7



#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

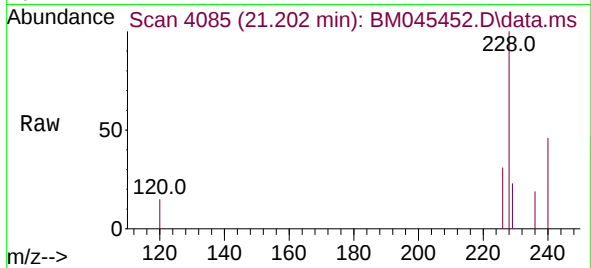
Tgt Ion:202 Resp: 2625
Ion Ratio Lower Upper
202 100
101 14.7 11.5 17.3
100 13.3 10.6 15.8



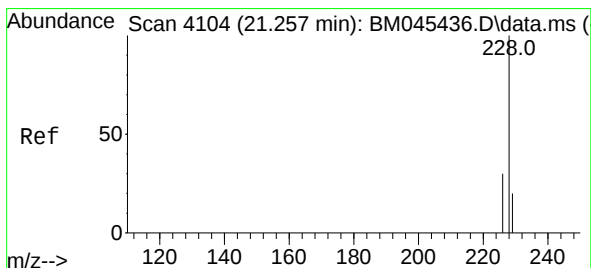
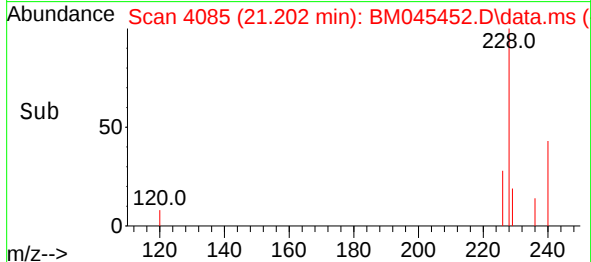
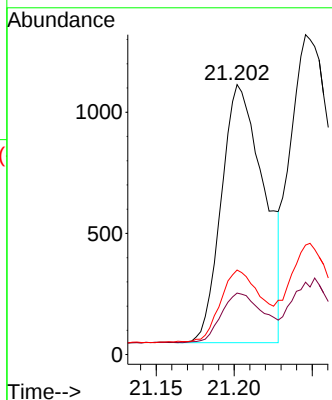


#21
Benzo(a)anthracene
Concen: 0.459 ng/ul
RT: 21.202 min Scan# 4085
Delta R.T. -0.006 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :

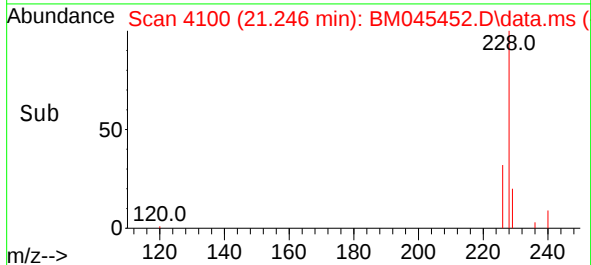
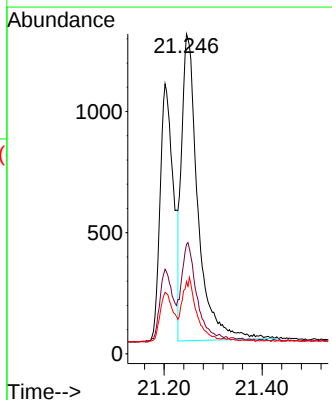
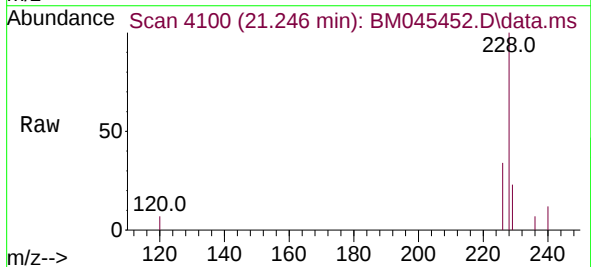


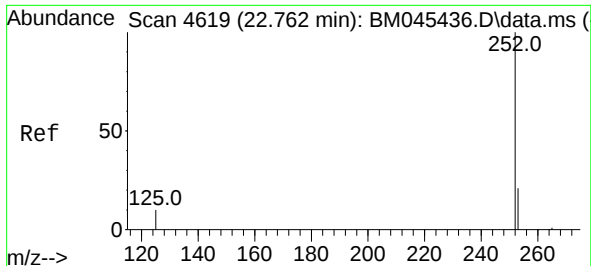
Tgt Ion:228 Resp: 2015
Ion Ratio Lower Upper
228 100
229 22.8 19.4 29.2
226 31.3 26.3 39.5



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.246 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

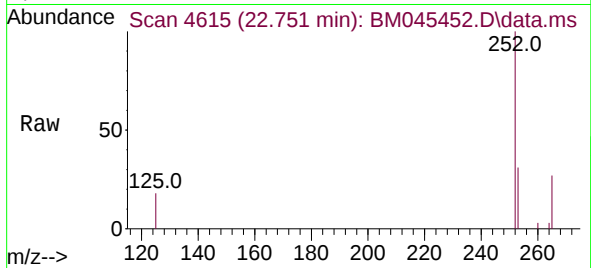
Tgt Ion:228 Resp: 2925
Ion Ratio Lower Upper
228 100
226 34.2 26.3 39.5
229 22.7 17.8 26.8



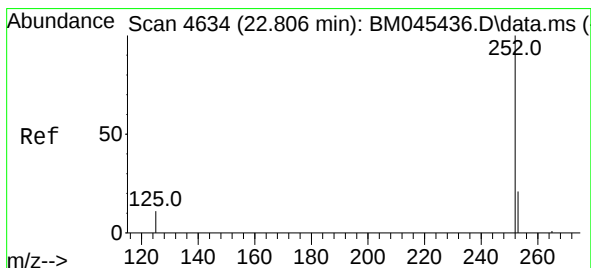
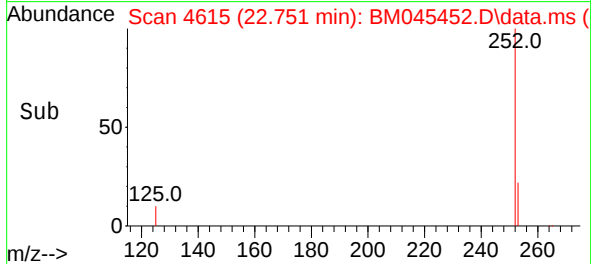
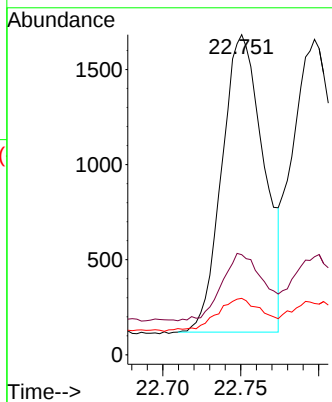


#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 22.751 min Scan# 4615
Delta R.T. -0.009 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :

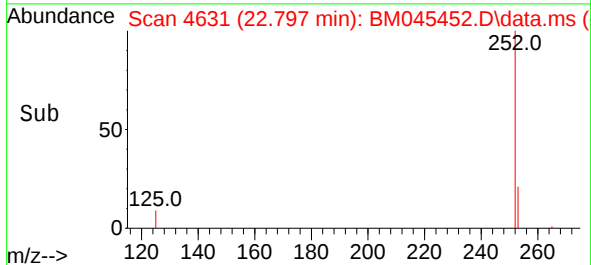
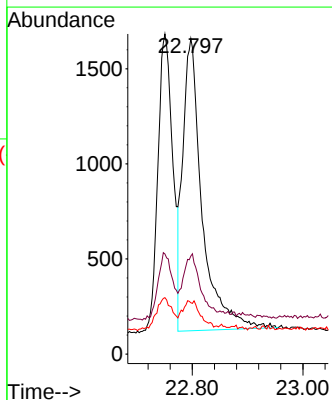
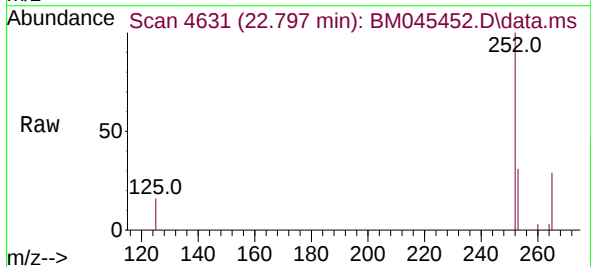


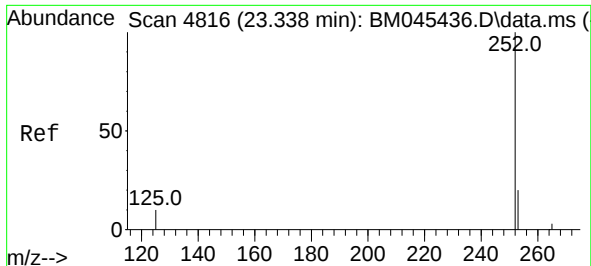
Tgt Ion:252 Resp: 2915
Ion Ratio Lower Upper
252 100
253 31.3 0.0 63.4
125 17.6 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.797 min Scan# 4631
Delta R.T. -0.006 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

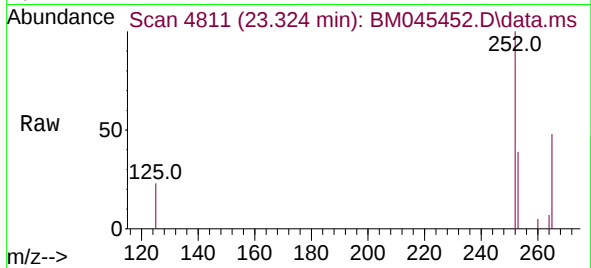
Tgt Ion:252 Resp: 3727
Ion Ratio Lower Upper
252 100
253 31.0 25.4 38.0
125 16.3 14.8 22.2



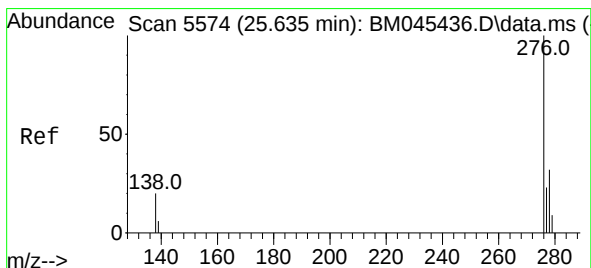
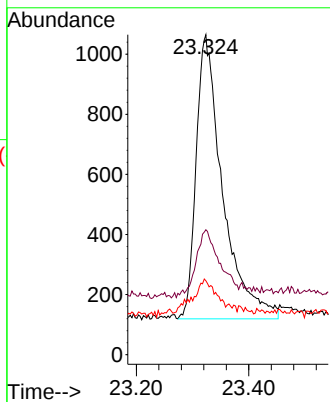
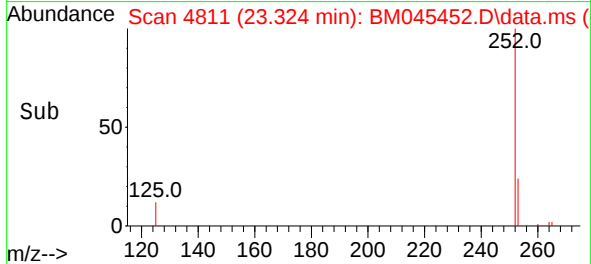


#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 23.324 min Scan# 4811
Delta R.T. -0.006 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Instrument :
BNA_M
ClientSampleId :

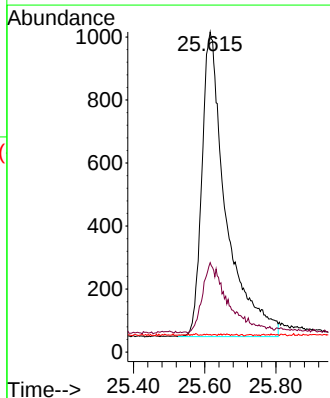
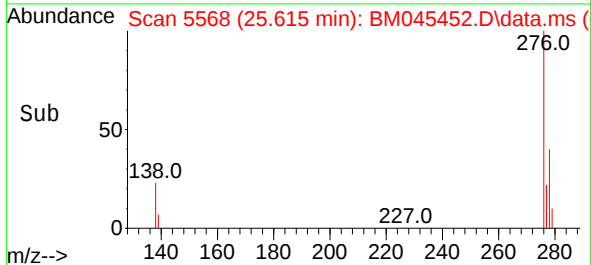
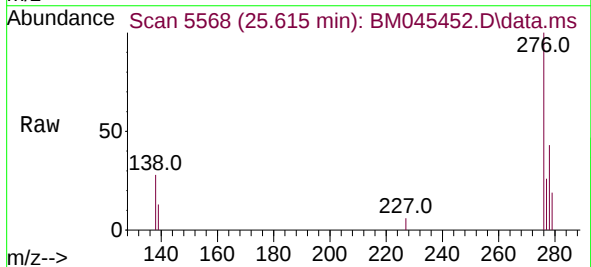


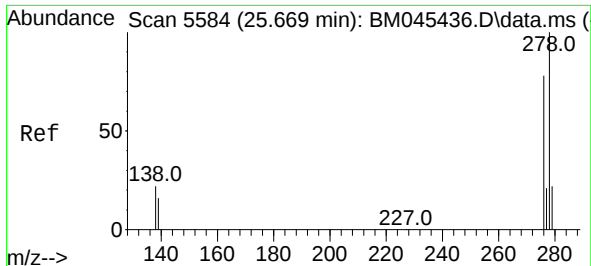
Tgt Ion:252 Resp: 3088
Ion Ratio Lower Upper
252 100
253 39.1 31.6 47.4
125 23.1 19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 25.615 min Scan# 5568
Delta R.T. -0.013 min
Lab File: BM045452.D
Acq: 21 Apr 2024 08:33

Tgt Ion:276 Resp: 4543
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.6
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.451 ng/ul

RT: 25.639 min Scan# 51

Delta R.T. -0.017 min

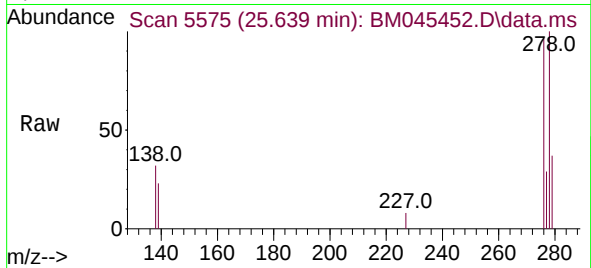
Lab File: BM045452.D

Acq: 21 Apr 2024 08:33

Instrument :

BNA_M

ClientSampleId :



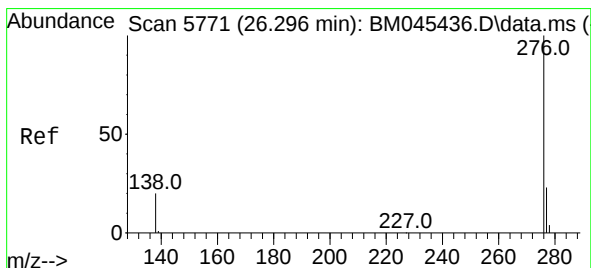
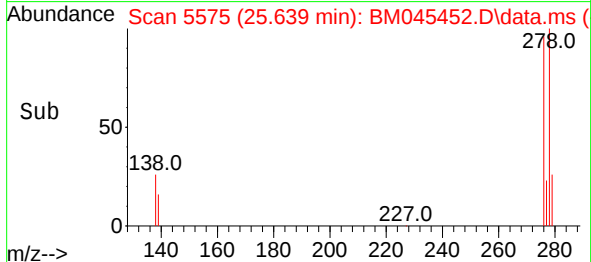
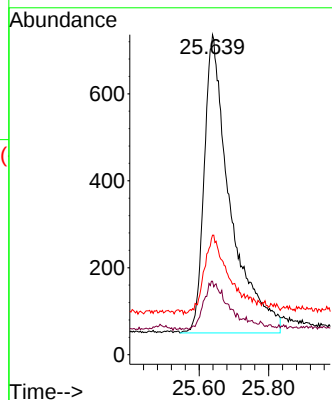
Tgt Ion:278 Resp: 3556

Ion Ratio Lower Upper

278 100

139 23.0 19.0 28.6

279 37.4 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.453 ng/ul

RT: 26.279 min Scan# 5766

Delta R.T. -0.013 min

Lab File: BM045452.D

Acq: 21 Apr 2024 08:33

Tgt Ion:276 Resp: 4039

Ion Ratio Lower Upper

276 100

138 25.8 20.8 31.2

277 27.5 21.8 32.8

