

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045562.D
 Acq On : 25 Apr 2024 13:51
 Operator : MA/JU
 Sample : PB160252BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS252

Quant Time: Apr 25 15:08:11 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

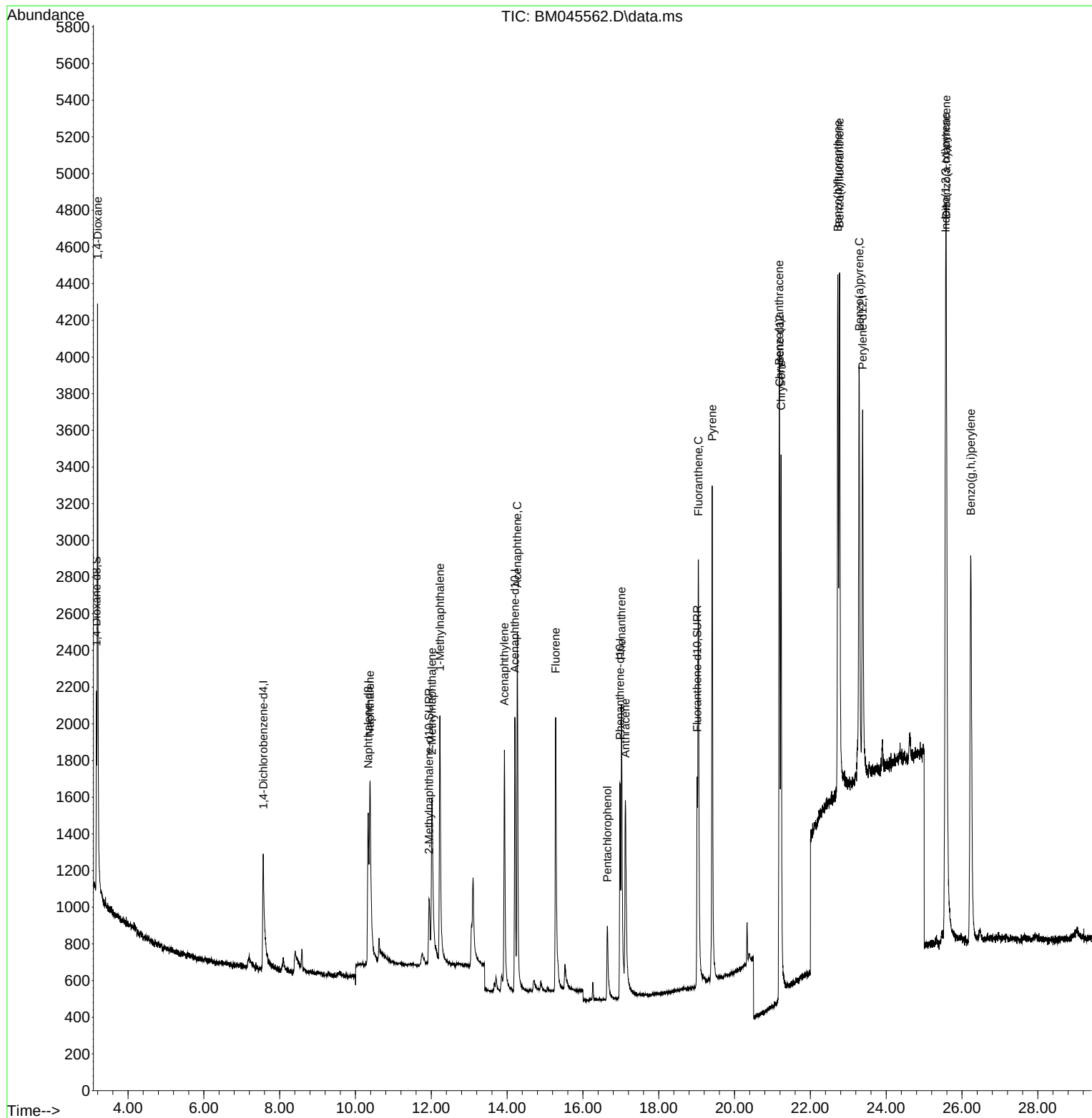
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	792	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	2187	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	1080	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	2055	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	1894	0.400	ng/ul	0.00
23) Perylene-d12	23.381	264	2835	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	755	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	969	0.336	ng/ul	0.01
18) Fluoranthene-d10	19.016	212	1753	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	2257	2.210	ng/ul#	85
5) Naphthalene	10.385	128	2219	0.378	ng/ul	98
7) 2-Methylnaphthalene	12.019	142	1238	0.369	ng/ul	95
8) 1-Methylnaphthalene	12.228	142	1288	0.342	ng/ul	99
10) Acenaphthylene	13.928	152	2141	0.402	ng/ul	98
11) Acenaphthene	14.270	153	1455	0.368	ng/ul	98
12) Fluorene	15.279	166	1529	0.361	ng/ul	97
14) Pentachlorophenol	16.647	266	433	1.057	ng/ul	94
15) Phenanthrene	17.019	178	2226	0.372	ng/ul	97
16) Anthracene	17.124	178	2311	0.413	ng/ul	100
19) Fluoranthene	19.048	202	2785	0.319	ng/ul	96
20) Pyrene	19.411	202	2944	0.328	ng/ul	97
21) Benzo(a)anthracene	21.178	228	2830	0.467	ng/ul	96
22) Chrysene	21.227	228	3296	0.354	ng/ul	95
24) Benzo(b)fluoranthene	22.726	252	3855	0.404	ng/ul	95
25) Benzo(k)fluoranthene	22.770	252	4102	0.340	ng/ul	98
26) Benzo(a)pyrene	23.291	252	3877	0.392	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.567	276	5734	0.399	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.587	278	4504	0.395	ng/ul	97
29) Benzo(g,h,i)perylene	26.235	276	4838	0.375	ng/ul	98

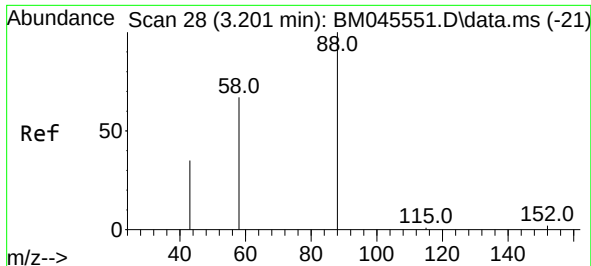
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045562.D
Acq On : 25 Apr 2024 13:51
Operator : MA/JU
Sample : PB160252BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS252

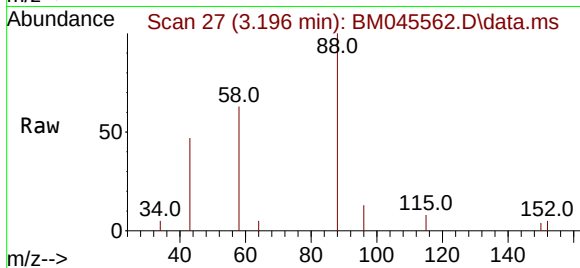
Quant Time: Apr 25 15:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration



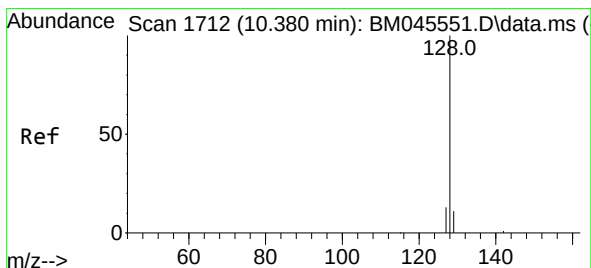
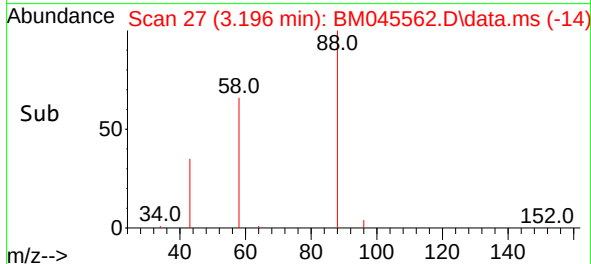
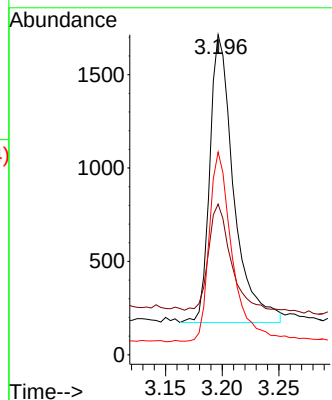


#2
1,4-Dioxane
Concen: 2.210 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Instrument :
BNA_M
ClientSampleId :
SLCS252

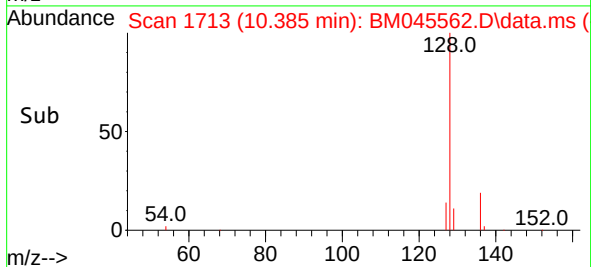
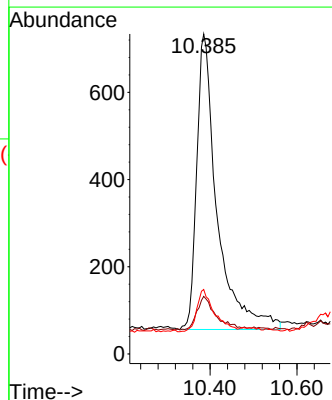
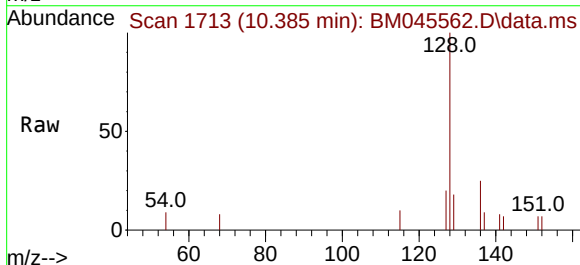


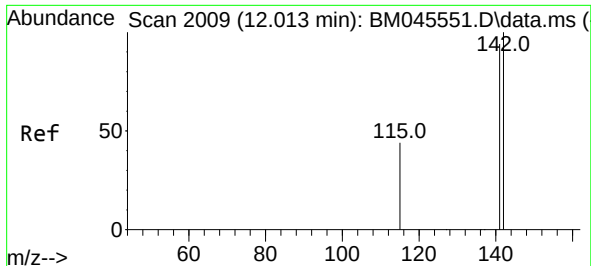
Tgt Ion: 88 Resp: 2257
Ion Ratio Lower Upper
88 100
43 47.1 36.8 55.2
58 63.4 35.4 53.2#



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.385 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Tgt Ion: 128 Resp: 2219
Ion Ratio Lower Upper
128 100
129 18.0 14.0 21.0
127 20.2 15.4 23.2

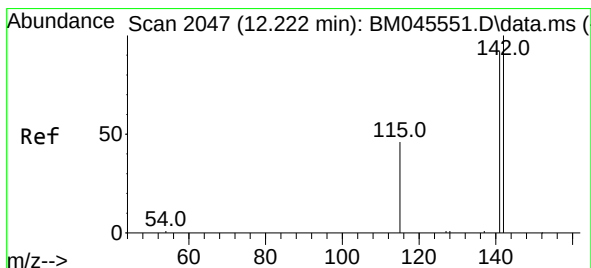
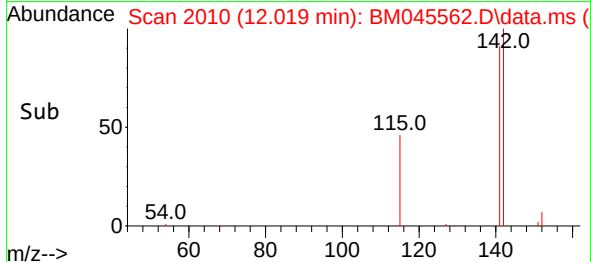
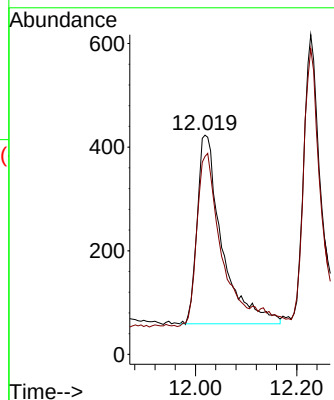
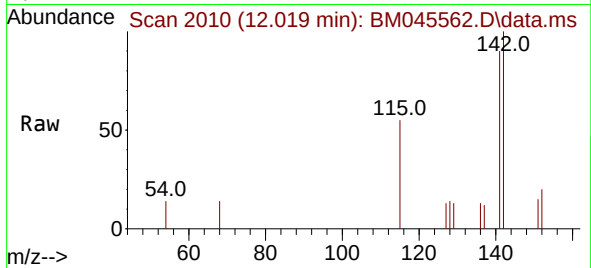




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.019 min Scan# 2009
Delta R.T. 0.011 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

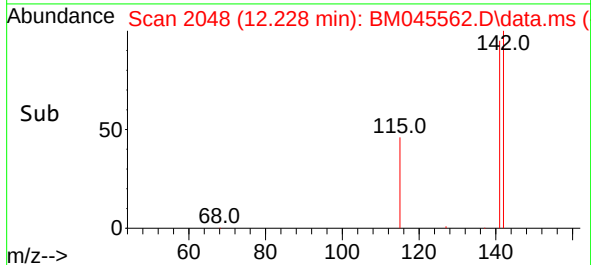
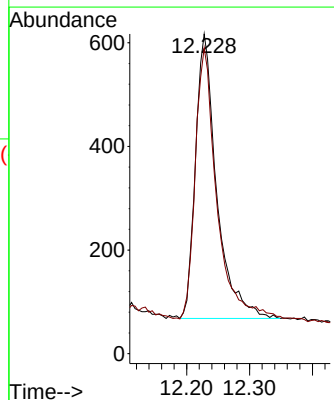
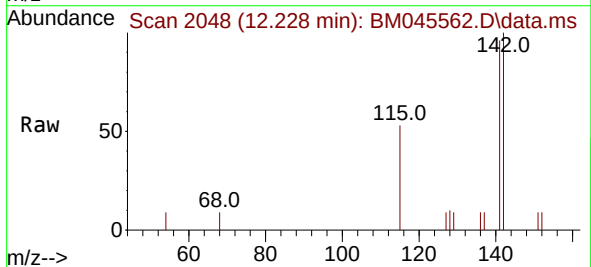
Instrument :
BNA_M
ClientSampleId :
SLCS252

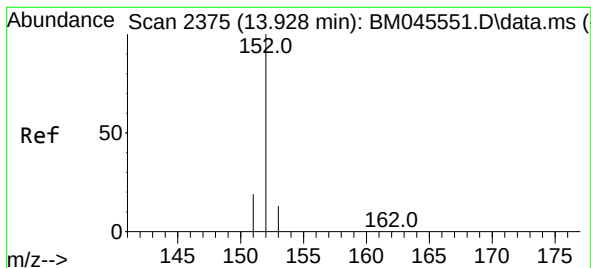
Tgt Ion:142 Resp: 1238
Ion Ratio Lower Upper
142 100
141 97.8 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Tgt Ion:142 Resp: 1288
Ion Ratio Lower Upper
142 100
141 95.9 76.1 114.1





#10

Acenaphthylene

Concen: 0.402 ng/u1

RT: 13.928 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM045562.D

Acq: 25 Apr 2024 13:51

Instrument :

BNA_M

ClientSampleId :

SLCS252

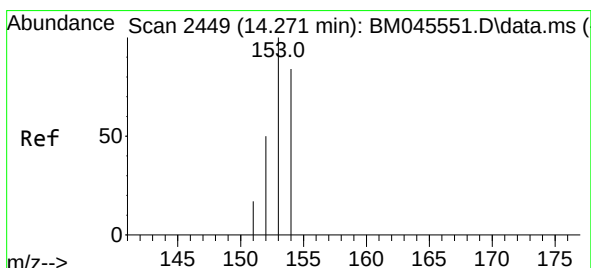
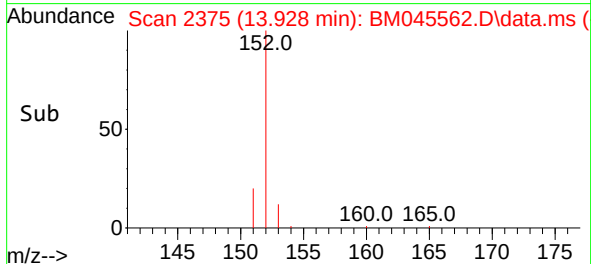
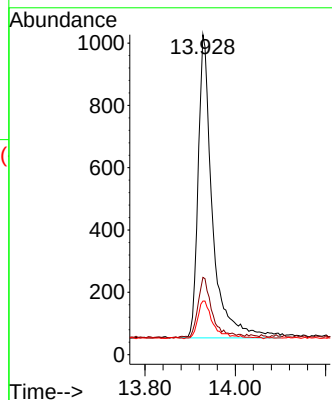
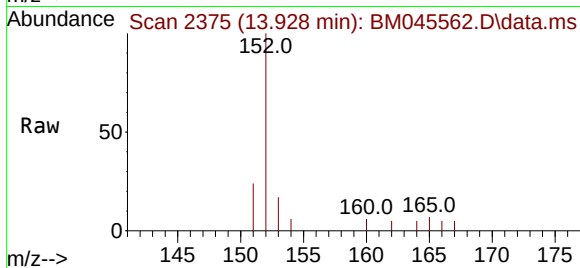
Tgt Ion:152 Resp: 2141

Ion Ratio Lower Upper

152 100

151 24.1 18.6 28.0

153 16.7 14.1 21.1



#11

Acenaphthene

Concen: 0.368 ng/u1

RT: 14.270 min Scan# 2449

Delta R.T. 0.001 min

Lab File: BM045562.D

Acq: 25 Apr 2024 13:51

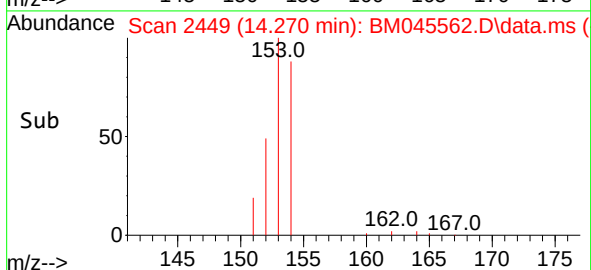
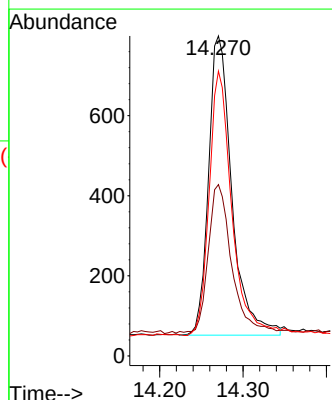
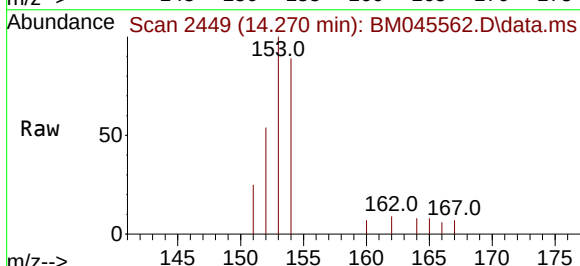
Tgt Ion:153 Resp: 1455

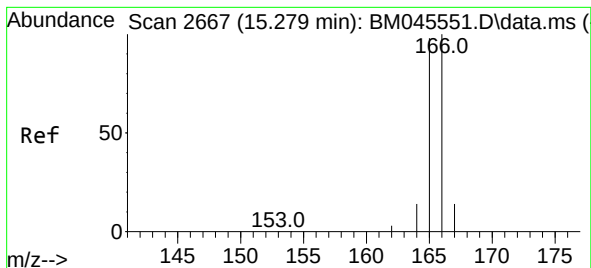
Ion Ratio Lower Upper

153 100

152 53.6 43.4 65.2

154 89.0 69.0 103.6





#12

Fluorene

Concen: 0.361 ng/ul

RT: 15.279 min Scan# 2

Delta R.T. 0.001 min

Lab File: BM045562.D

Acq: 25 Apr 2024 13:51

Instrument :

BNA_M

ClientSampleId :

SLCS252

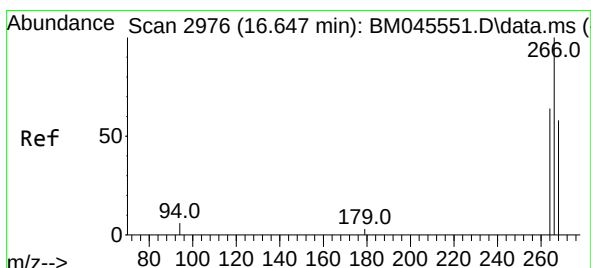
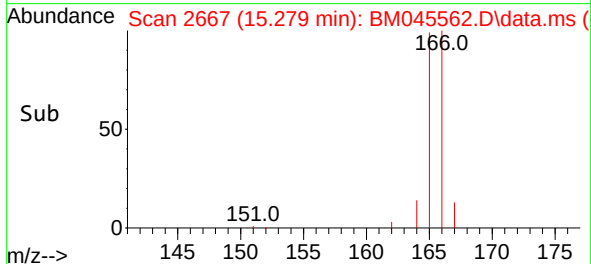
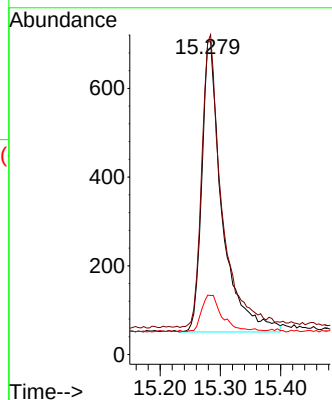
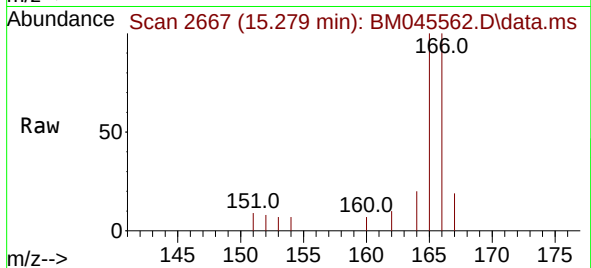
Tgt Ion:166 Resp: 1529

Ion Ratio Lower Upper

166 100

165 99.9 82.2 123.2

167 19.0 14.8 22.2



#14

Pentachlorophenol

Concen: 1.057 ng/ul

RT: 16.647 min Scan# 2976

Delta R.T. -0.003 min

Lab File: BM045562.D

Acq: 25 Apr 2024 13:51

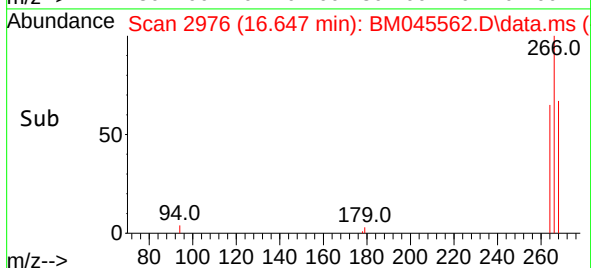
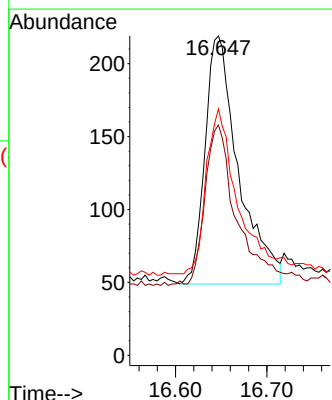
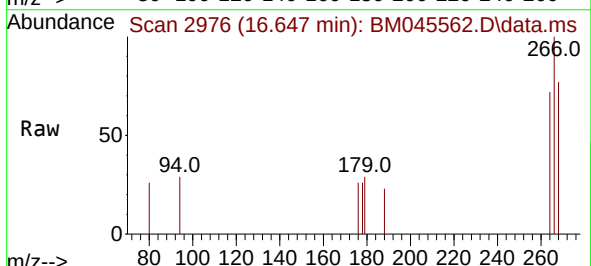
Tgt Ion:266 Resp: 433

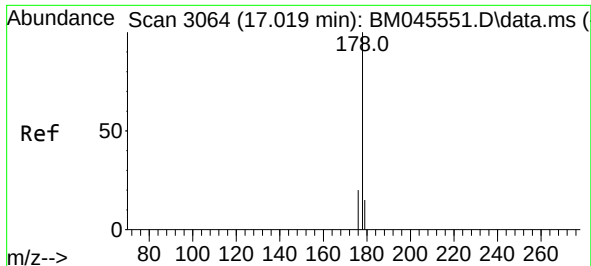
Ion Ratio Lower Upper

266 100

264 61.7 45.5 68.3

268 66.1 56.1 84.1

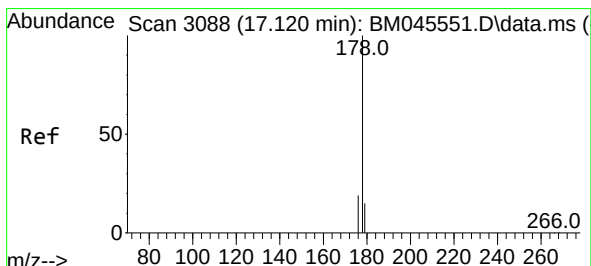
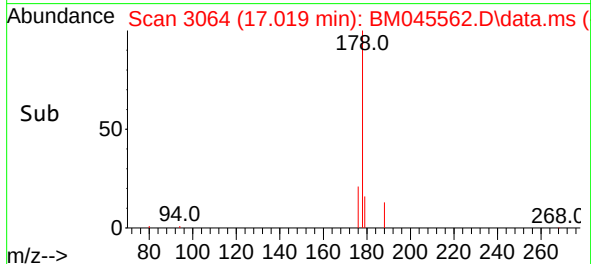
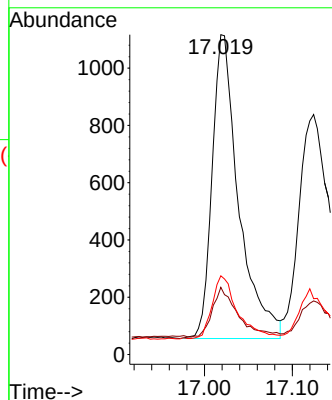
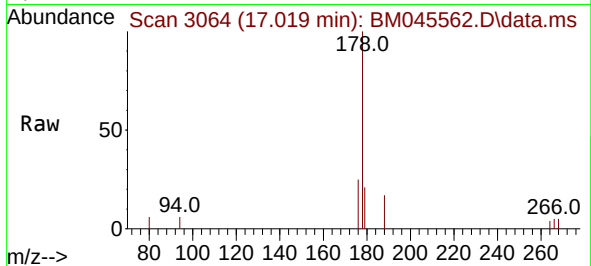




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.019 min Scan# 3064
Delta R.T. -0.003 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

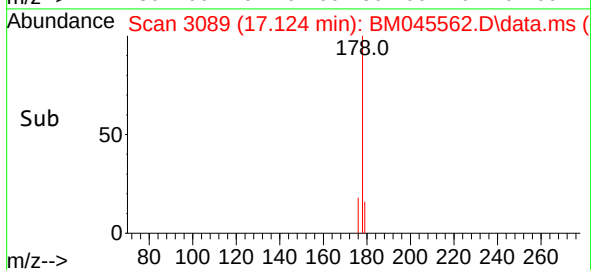
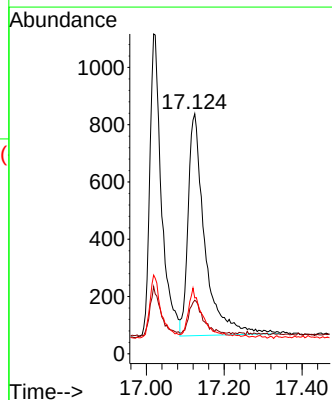
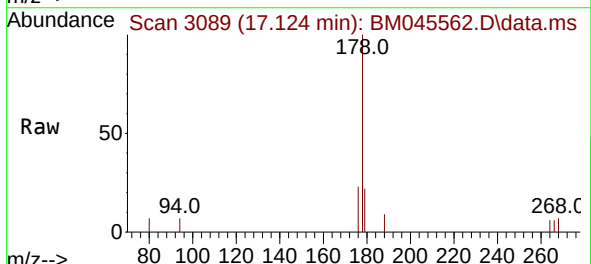
Instrument :
BNA_M
ClientSampleId :
SLCS252

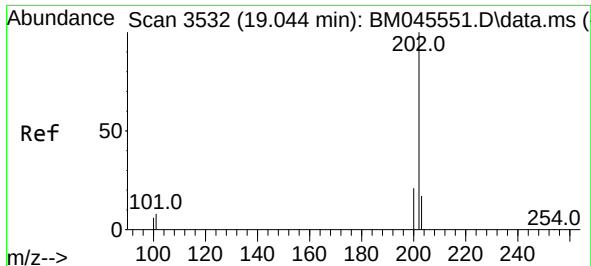
Tgt Ion:178 Resp: 2226
Ion Ratio Lower Upper
178 100
179 21.0 15.4 23.2
176 24.6 19.0 28.4



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. 0.005 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Tgt Ion:178 Resp: 2311
Ion Ratio Lower Upper
178 100
179 22.3 17.8 26.6
176 23.3 18.7 28.1

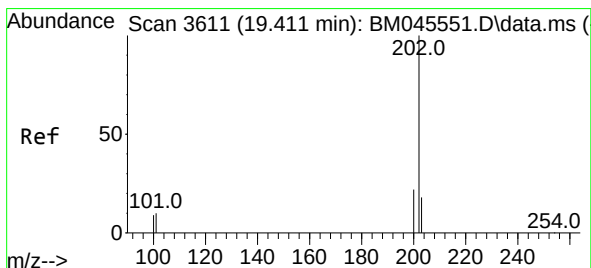
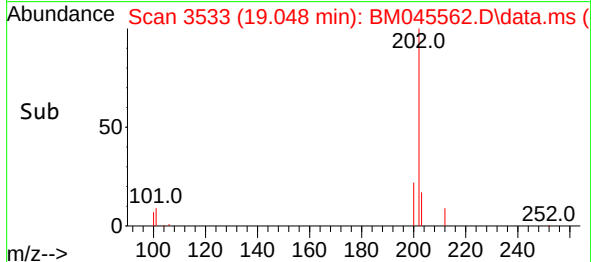
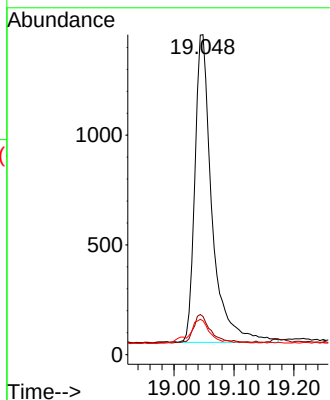
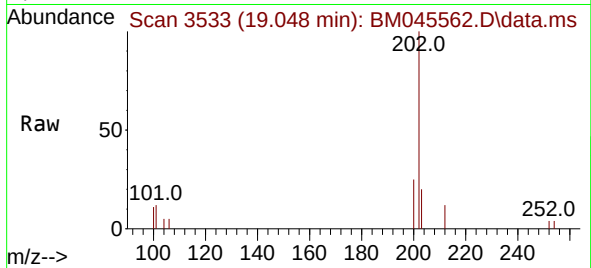




#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 19.048 min Scan# 3533
Delta R.T. 0.001 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

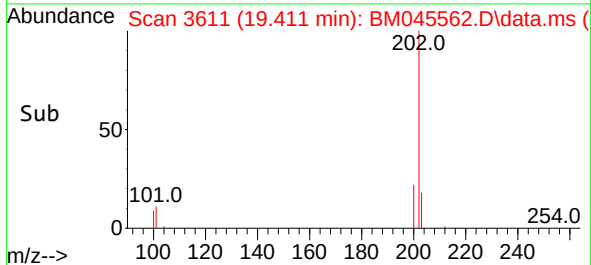
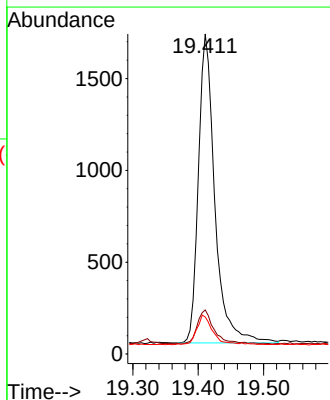
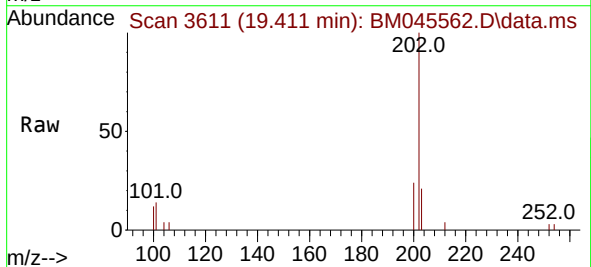
Instrument :
BNA_M
ClientSampleId :
SLCS252

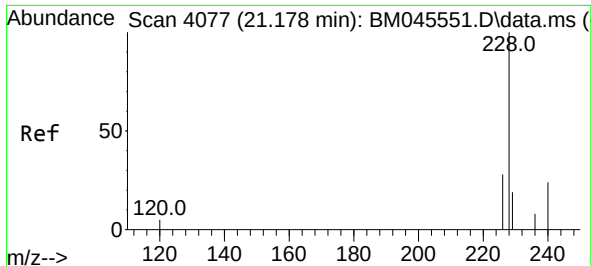
Tgt Ion:202 Resp: 2785
Ion Ratio Lower Upper
202 100
101 11.9 11.2 16.8
100 10.6 9.1 13.7



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Tgt Ion:202 Resp: 2944
Ion Ratio Lower Upper
202 100
101 13.8 11.5 17.3
100 11.6 10.6 15.8

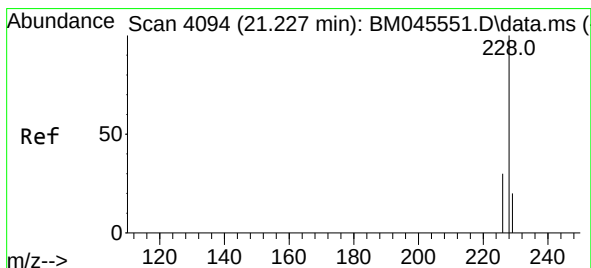
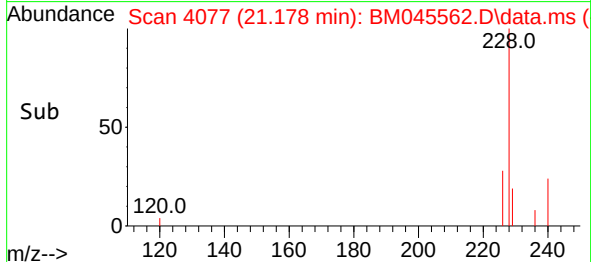
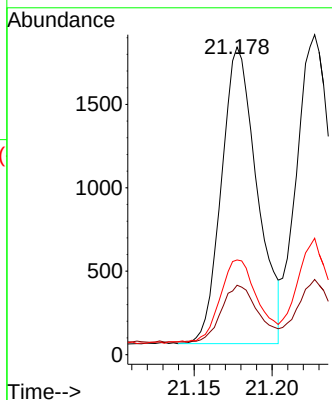
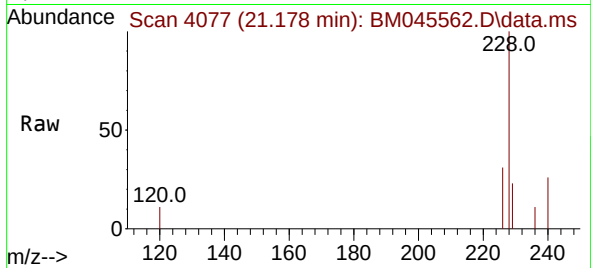




#21
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.178 min Scan# 4077
Delta R.T. -0.004 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

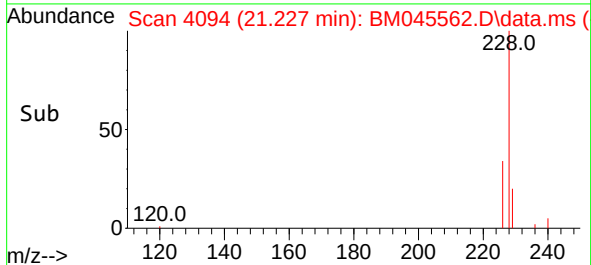
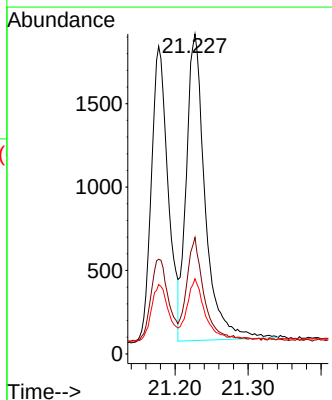
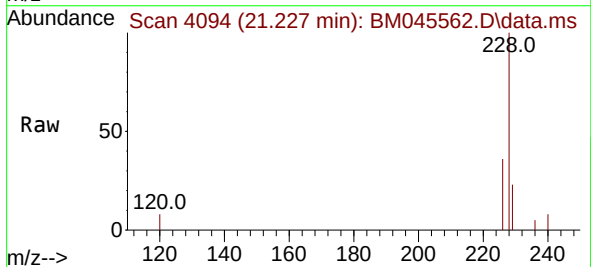
Instrument :
BNA_M
ClientSampleId :
SLCS252

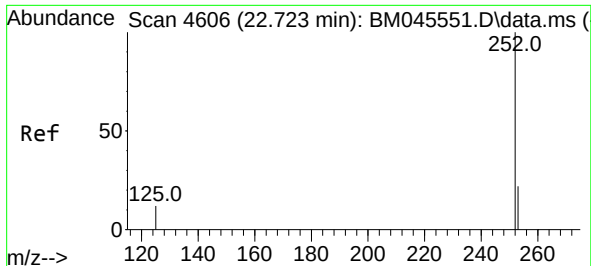
Tgt Ion:228 Resp: 2830
Ion Ratio Lower Upper
228 100
229 22.6 19.4 29.2
226 30.7 26.3 39.5



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.227 min Scan# 4094
Delta R.T. -0.001 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

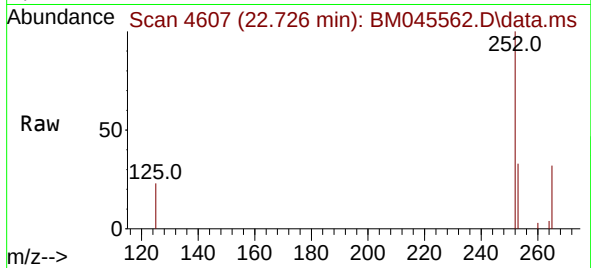
Tgt Ion:228 Resp: 3296
Ion Ratio Lower Upper
228 100
226 36.4 26.3 39.5
229 23.5 17.8 26.8



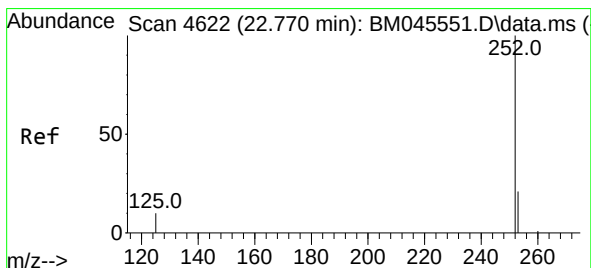
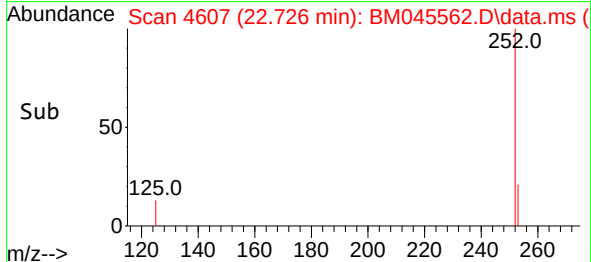
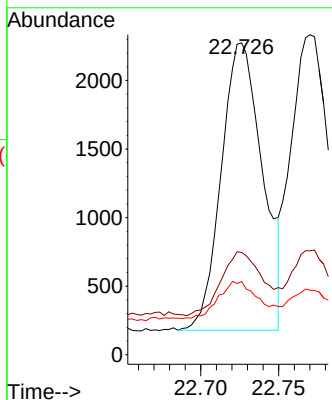


#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 22.726 min Scan# 4607
Delta R.T. -0.004 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Instrument :
BNA_M
ClientSampleId :
SLCS252

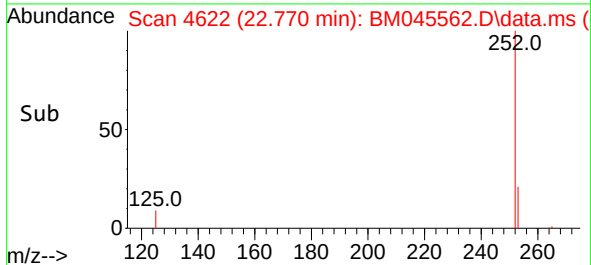
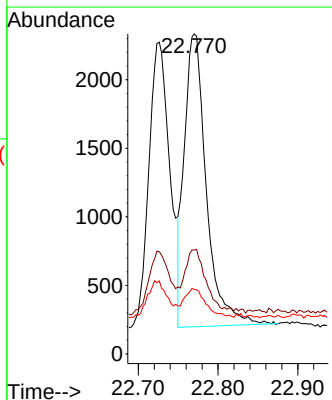
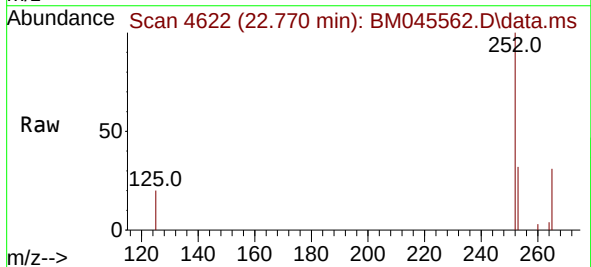


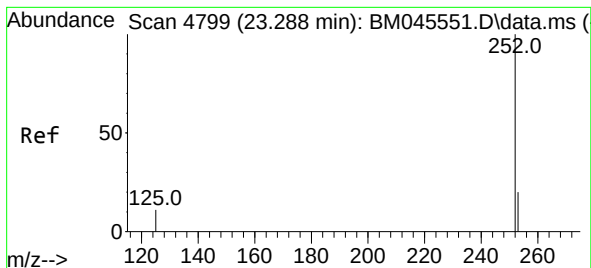
Tgt Ion:252 Resp: 3855
Ion Ratio Lower Upper
252 100
253 32.8 0.0 63.4
125 23.4 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 22.770 min Scan# 4622
Delta R.T. -0.001 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Tgt Ion:252 Resp: 4102
Ion Ratio Lower Upper
252 100
253 32.4 25.4 38.0
125 20.1 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.291 min Scan# 4799

Delta R.T. -0.001 min

Lab File: BM045562.D

Acq: 25 Apr 2024 13:51

Instrument :

BNA_M

ClientSampleId :

SLCS252

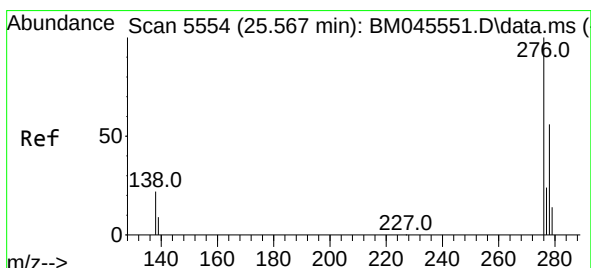
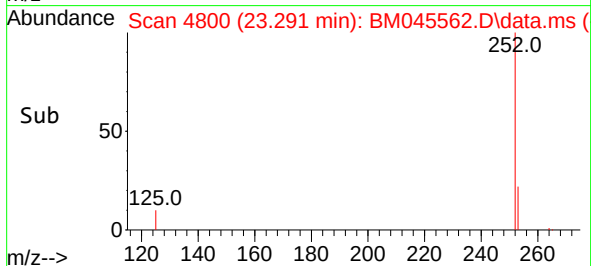
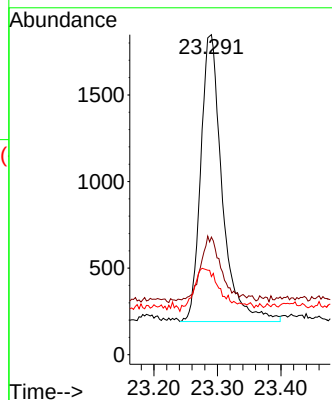
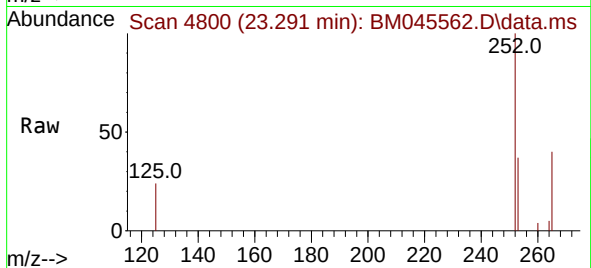
Tgt Ion:252 Resp: 3877

Ion Ratio Lower Upper

252 100

253 36.7 31.6 47.4

125 24.4 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

RT: 25.567 min Scan# 5554

Delta R.T. -0.004 min

Lab File: BM045562.D

Acq: 25 Apr 2024 13:51

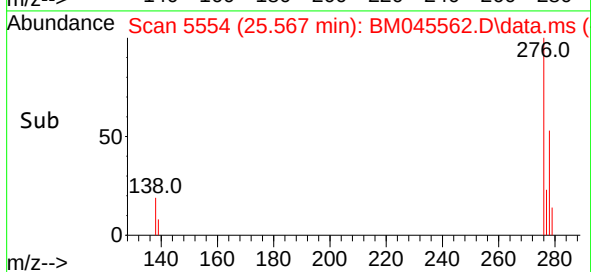
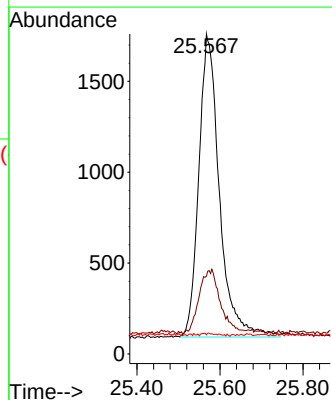
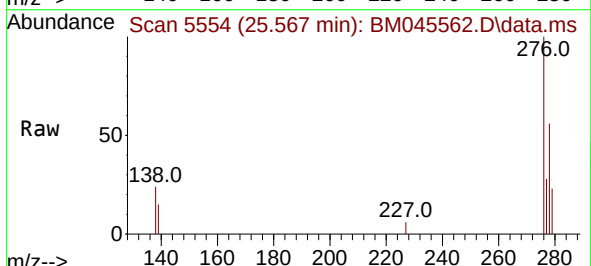
Tgt Ion:276 Resp: 5734

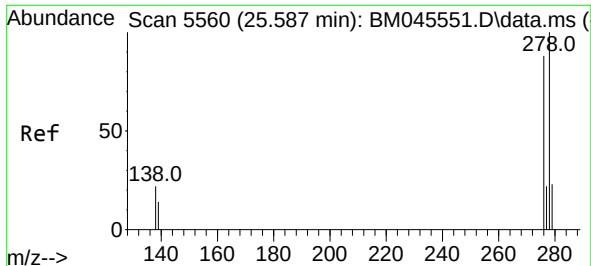
Ion Ratio Lower Upper

276 100

138 22.7 19.8 29.6

227 0.4 0.2 0.2#

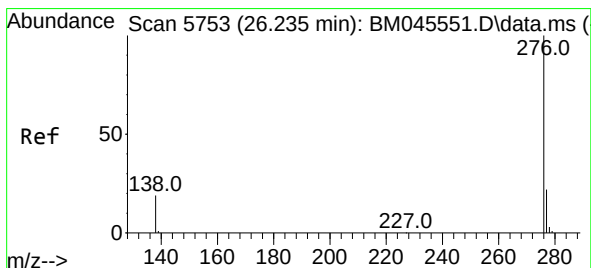
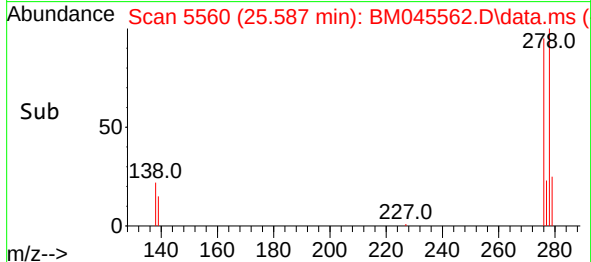
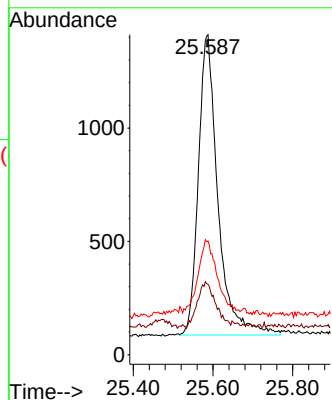
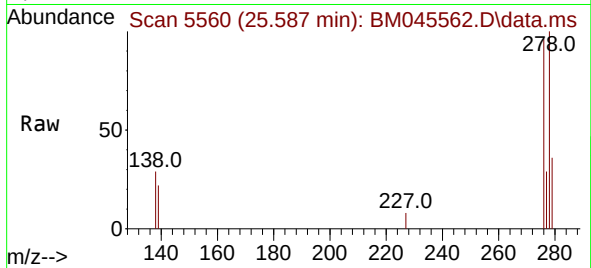




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 25.587 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:278 Resp: 4504
Ion Ratio Lower Upper
278 100
139 22.0 19.0 28.6
279 35.6 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.235 min Scan# 5753
Delta R.T. -0.001 min
Lab File: BM045562.D
Acq: 25 Apr 2024 13:51

Tgt Ion:276 Resp: 4838
Ion Ratio Lower Upper
276 100
138 24.9 20.8 31.2
277 28.3 21.8 32.8

