

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045920.D
 Acq On : 08 Jun 2024 17:28
 Operator : MA/JU
 Sample : M2640-22
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C35

Quant Time: Jun 10 01:29:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

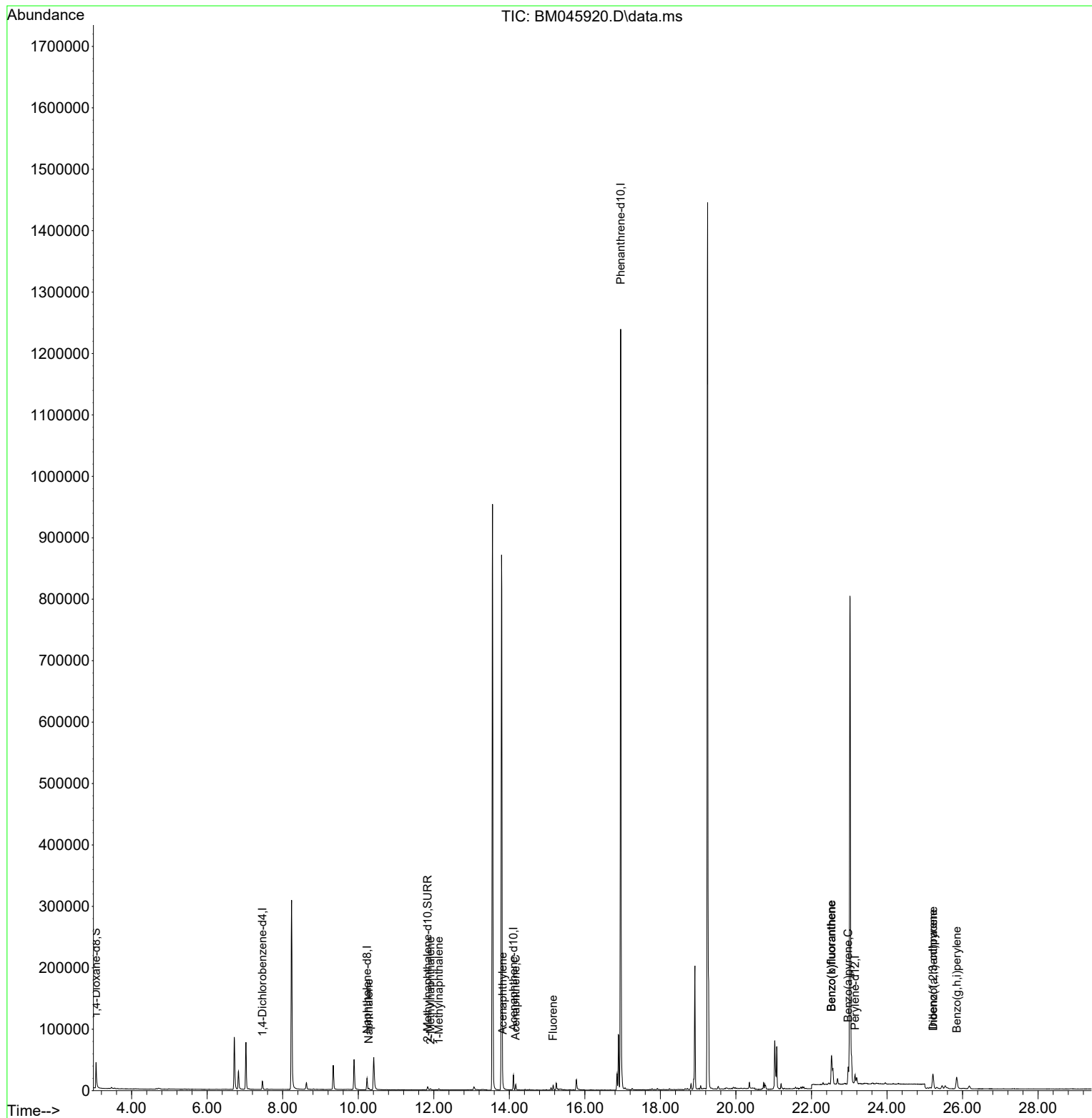
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	6716	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	23651	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	13054	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.947	188	1360898	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.153	264	20942	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26655	3.485	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	8005	0.235	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	17338	0.000	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.277	128	3362	0.054	ng/ul#	91
7) 2-Methylnaphthalene	11.915	142	1572	0.040	ng/ul	100
8) 1-Methylnaphthalene	12.135	142	1331	0.031	ng/ul	98
10) Acenaphthylene	13.827	152	5481	0.092	ng/ul	96
11) Acenaphthene	14.169	153	5001	0.115	ng/ul	99
12) Fluorene	15.159	166	4994	0.102	ng/ul#	98
24) Benzo(b)fluoranthene	22.531	252	96791	1.393	ng/ul	93
25) Benzo(k)fluoranthene	22.531	252	96791	1.268	ng/ul	94
26) Benzo(a)pyrene	22.972	252	35951	0.520	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.215	276	34381	0.385	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.222	278	8326	0.117	ng/ul#	70
29) Benzo(g,h,i)perylene	25.846	276	35695	0.463	ng/ul	99

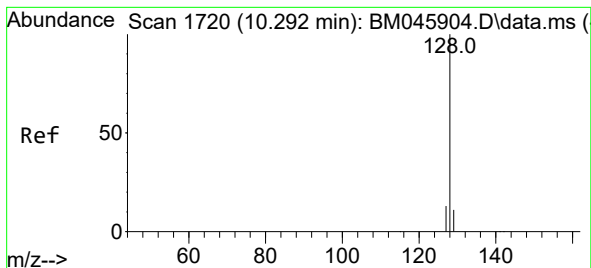
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045920.D
Acq On : 08 Jun 2024 17:28
Operator : MA/JU
Sample : M2640-22
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C35

Quant Time: Jun 10 01:29:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.054 ng/ul

RT: 10.277 min Scan# 1717

Delta R.T. -0.026 min

Lab File: BM045920.D

Acq: 08 Jun 2024 17:28

Instrument :

BNA_M

ClientSampleId :

A4C35

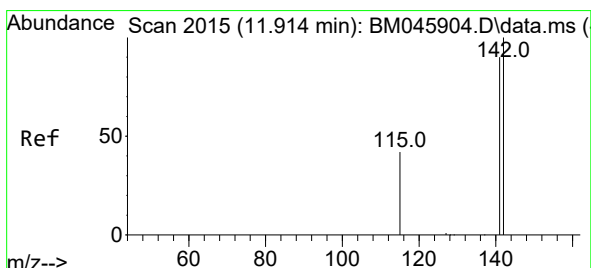
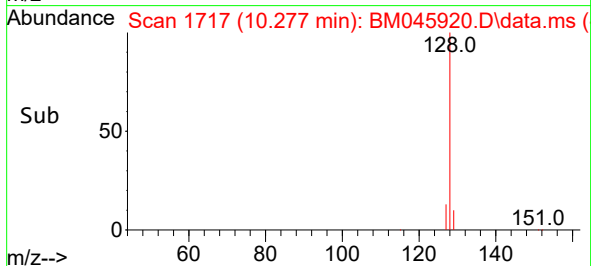
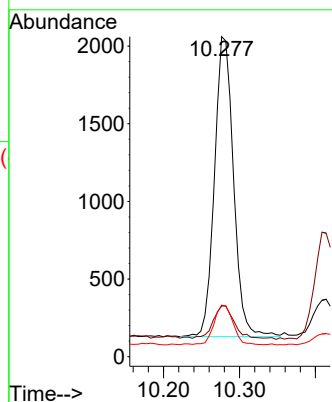
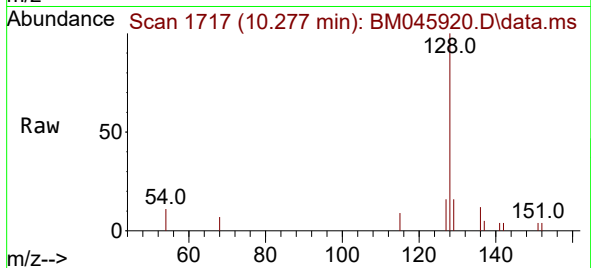
Tgt Ion:128 Resp: 3362

Ion Ratio Lower Upper

128 100

129 16.1 9.4 14.0#

127 15.7 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 11.915 min Scan# 2015

Delta R.T. -0.004 min

Lab File: BM045920.D

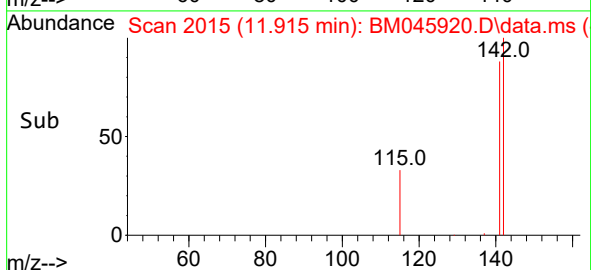
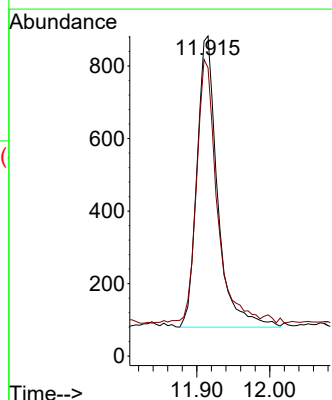
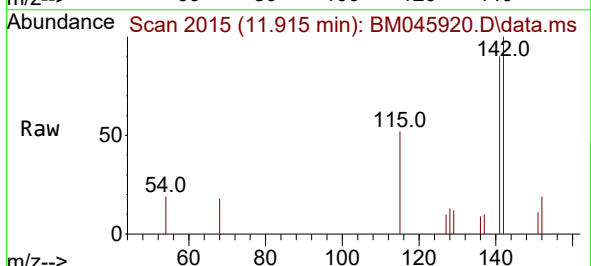
Acq: 08 Jun 2024 17:28

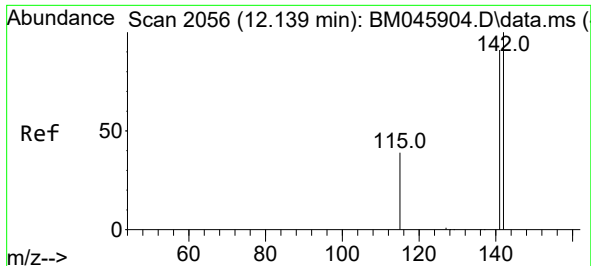
Tgt Ion:142 Resp: 1572

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.4

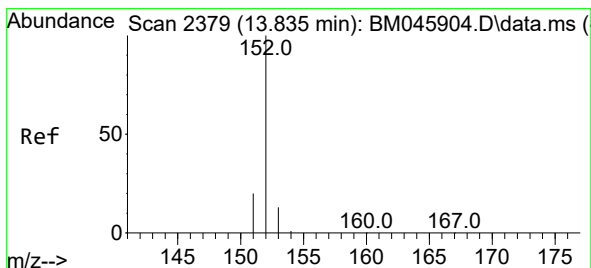
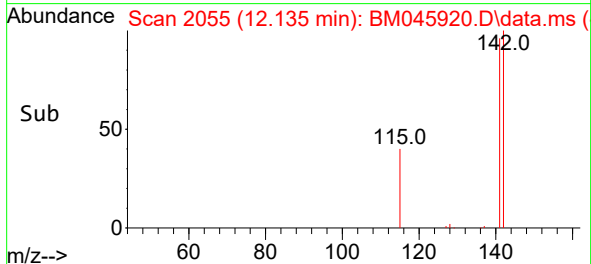
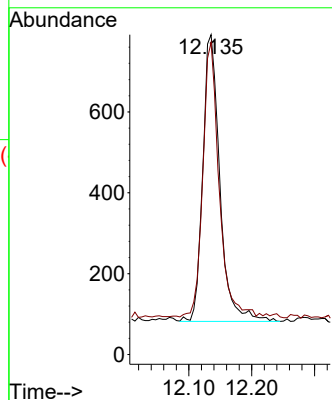
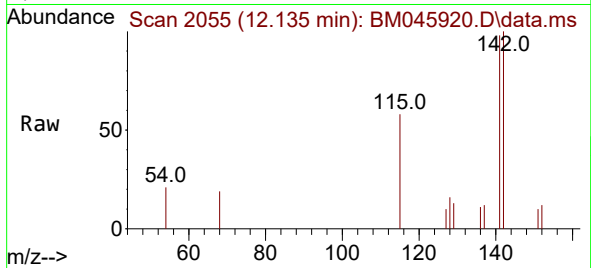




#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM045920.D
Acq: 08 Jun 2024 17:28

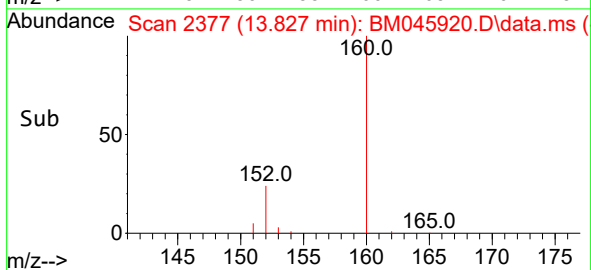
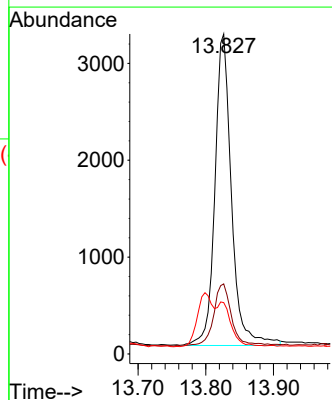
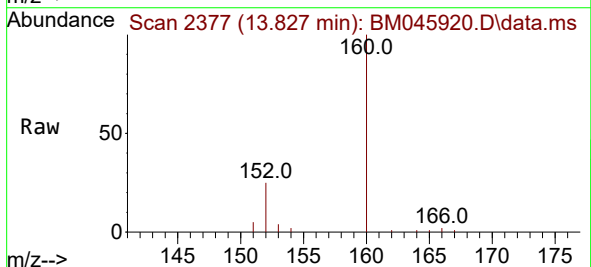
Instrument :
BNA_M
ClientSampleId :
A4C35

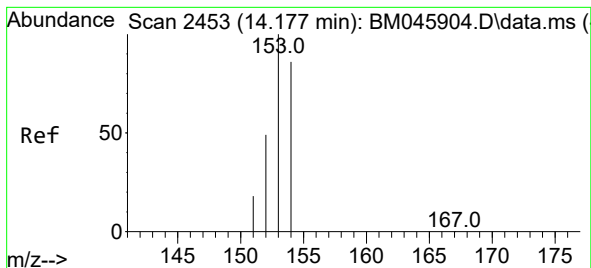
Tgt Ion:142 Resp: 1331
Ion Ratio Lower Upper
142 100
141 93.5 73.5 110.3



#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045920.D
Acq: 08 Jun 2024 17:28

Tgt Ion:152 Resp: 5481
Ion Ratio Lower Upper
152 100
151 21.9 16.4 24.6
153 16.0 11.1 16.7





#11

Acenaphthene

Concen: 0.115 ng/ul

RT: 14.169 min Scan# 2451

Delta R.T. -0.013 min

Lab File: BM045920.D

Acq: 08 Jun 2024 17:28

Instrument :

BNA_M

ClientSampleId :

A4C35

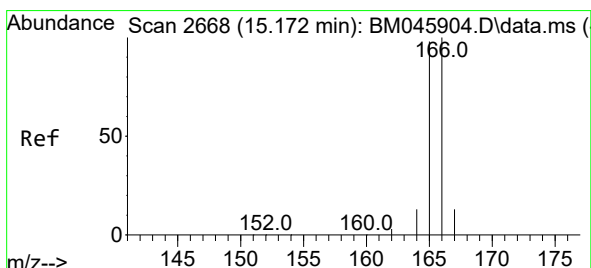
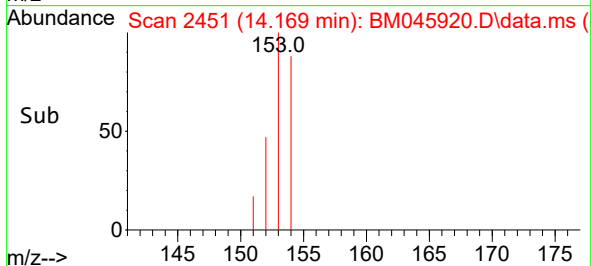
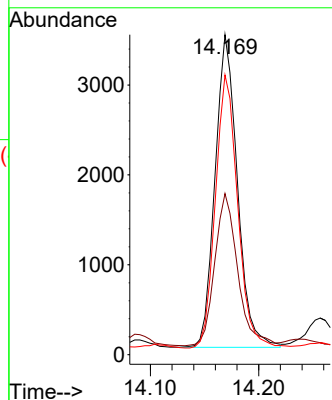
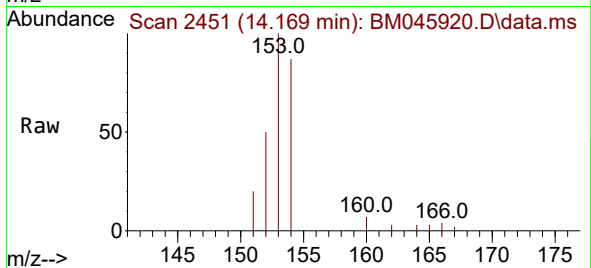
Tgt Ion:153 Resp: 5001

Ion Ratio Lower Upper

153 100

152 50.3 39.0 58.4

154 87.4 69.4 104.2



#12

Fluorene

Concen: 0.102 ng/ul

RT: 15.159 min Scan# 2665

Delta R.T. -0.017 min

Lab File: BM045920.D

Acq: 08 Jun 2024 17:28

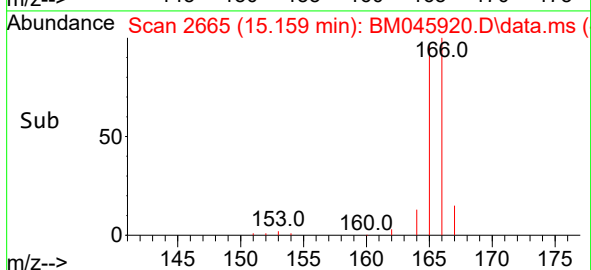
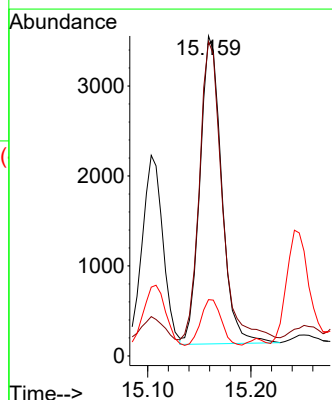
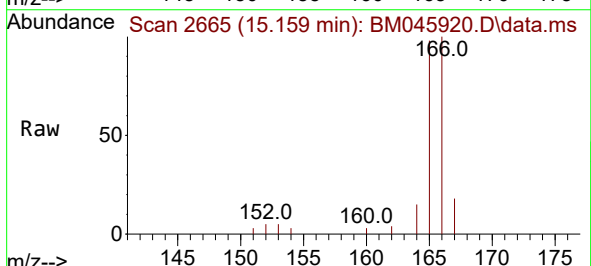
Tgt Ion:166 Resp: 4994

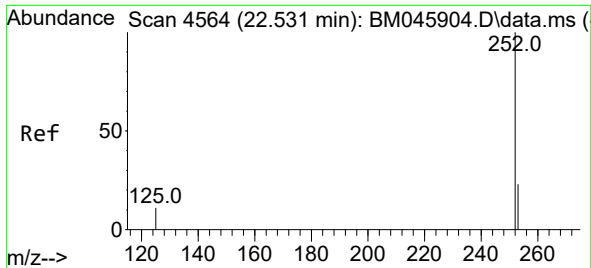
Ion Ratio Lower Upper

166 100

165 98.2 79.7 119.5

167 17.6 11.3 16.9#

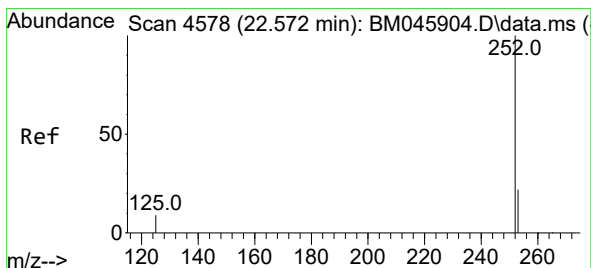
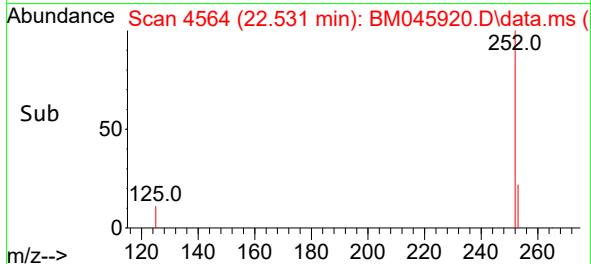
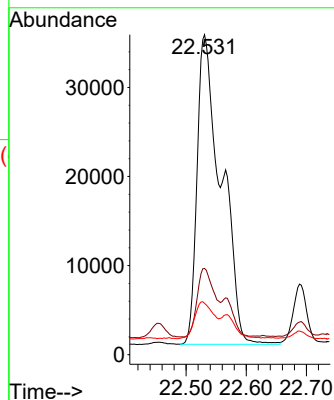
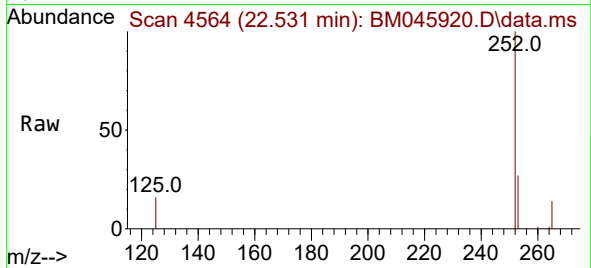




#24
Benzo(b)fluoranthene
Concen: 1.393 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045920.D
Acq: 08 Jun 2024 17:28

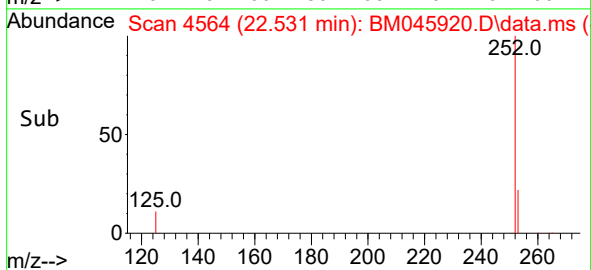
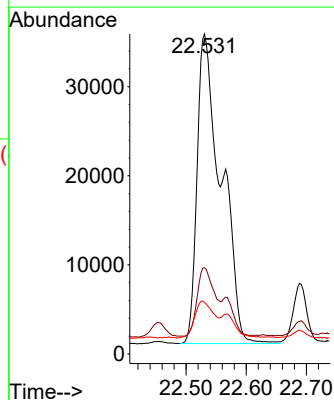
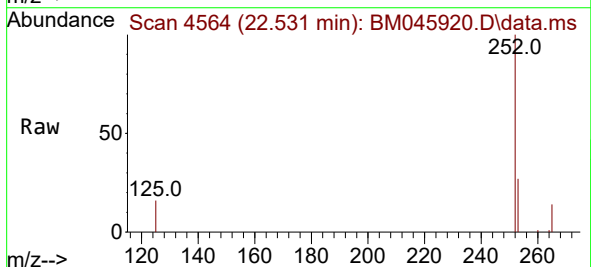
Instrument :
BNA_M
ClientSampleId :
A4C35

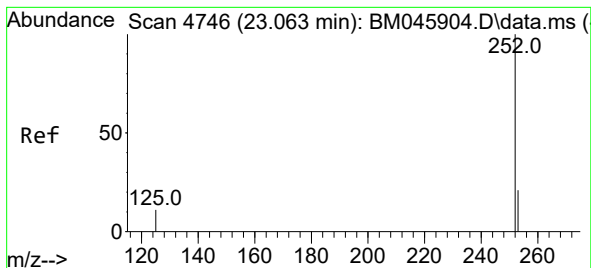
Tgt Ion:252 Resp: 96791
Ion Ratio Lower Upper
252 100
253 27.0 0.0 63.6
125 16.1 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 1.268 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.050 min
Lab File: BM045920.D
Acq: 08 Jun 2024 17:28

Tgt Ion:252 Resp: 96791
Ion Ratio Lower Upper
252 100
253 27.0 25.0 37.6
125 16.1 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.520 ng/ul

RT: 22.972 min Scan# 4715

Delta R.T. -0.100 min

Lab File: BM045920.D

Acq: 08 Jun 2024 17:28

Instrument :

BNA_M

ClientSampleId :

A4C35

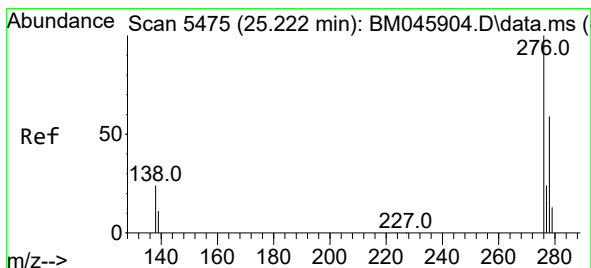
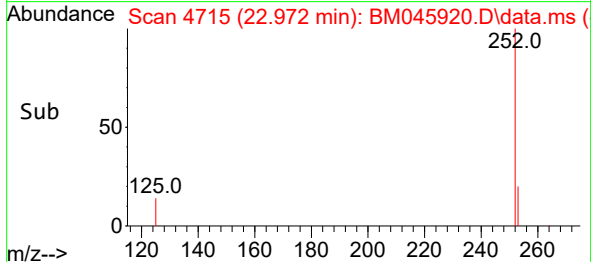
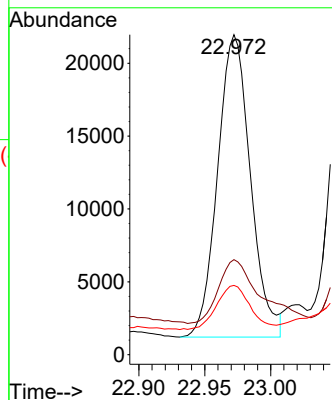
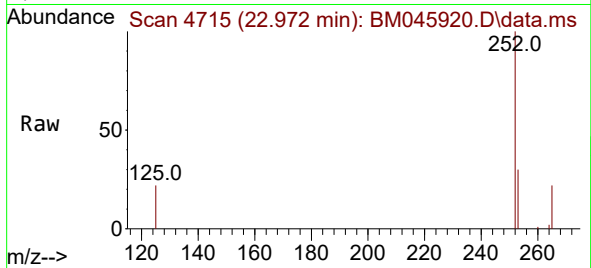
Tgt Ion:252 Resp: 35951

Ion Ratio Lower Upper

252 100

253 29.7 28.8 43.2

125 21.6 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng/ul

RT: 25.215 min Scan# 5473

Delta R.T. -0.017 min

Lab File: BM045920.D

Acq: 08 Jun 2024 17:28

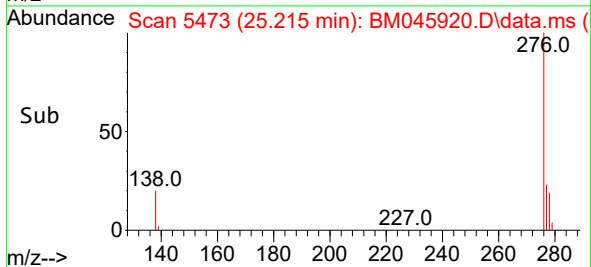
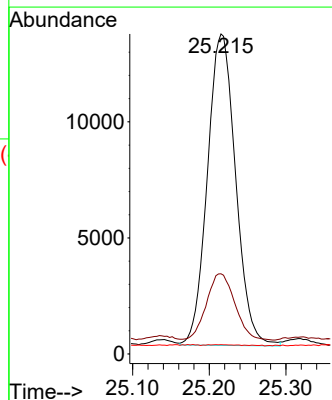
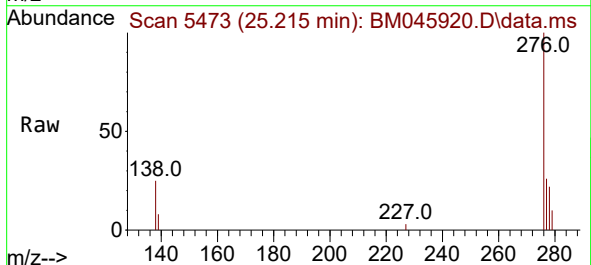
Tgt Ion:276 Resp: 34381

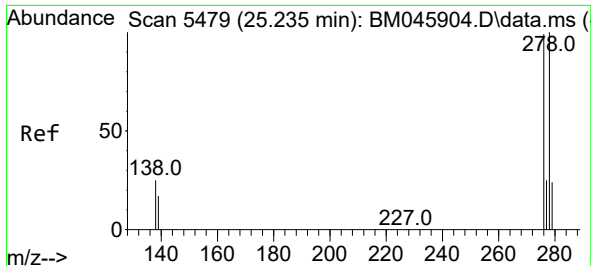
Ion Ratio Lower Upper

276 100

138 21.5 20.7 31.1

227 0.1 0.2 0.2#

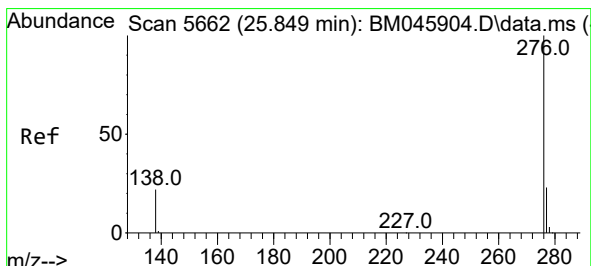
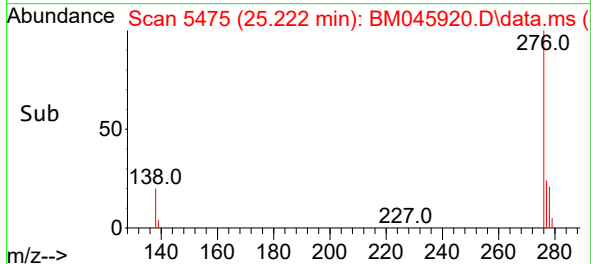
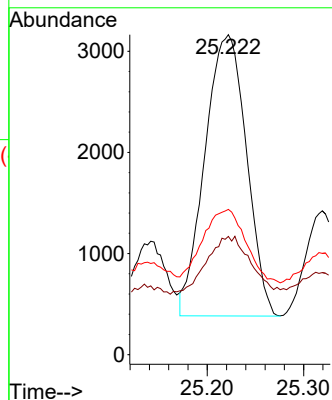
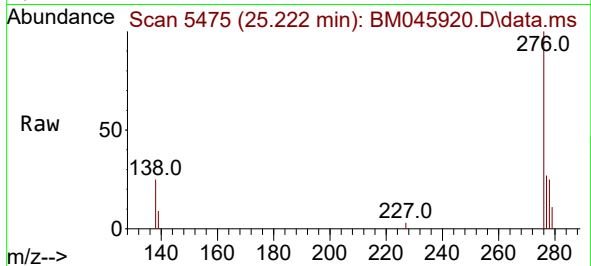




#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.027 min
Lab File: BM045920.D
Acq: 08 Jun 2024 17:28

Instrument :
BNA_M
ClientSampleId :
A4C35

Tgt Ion:278 Resp: 8326
Ion Ratio Lower Upper
278 100
139 36.9 16.6 25.0#
279 45.4 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.463 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. -0.017 min
Lab File: BM045920.D
Acq: 08 Jun 2024 17:28

Tgt Ion:276 Resp: 35695
Ion Ratio Lower Upper
276 100
138 25.1 21.0 31.4
277 25.6 20.5 30.7

