

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045960.D
 Acq On : 10 Jun 2024 20:47
 Operator : MA/JU
 Sample : P2642-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH3

Quant Time: Jun 10 22:48:54 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 : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

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

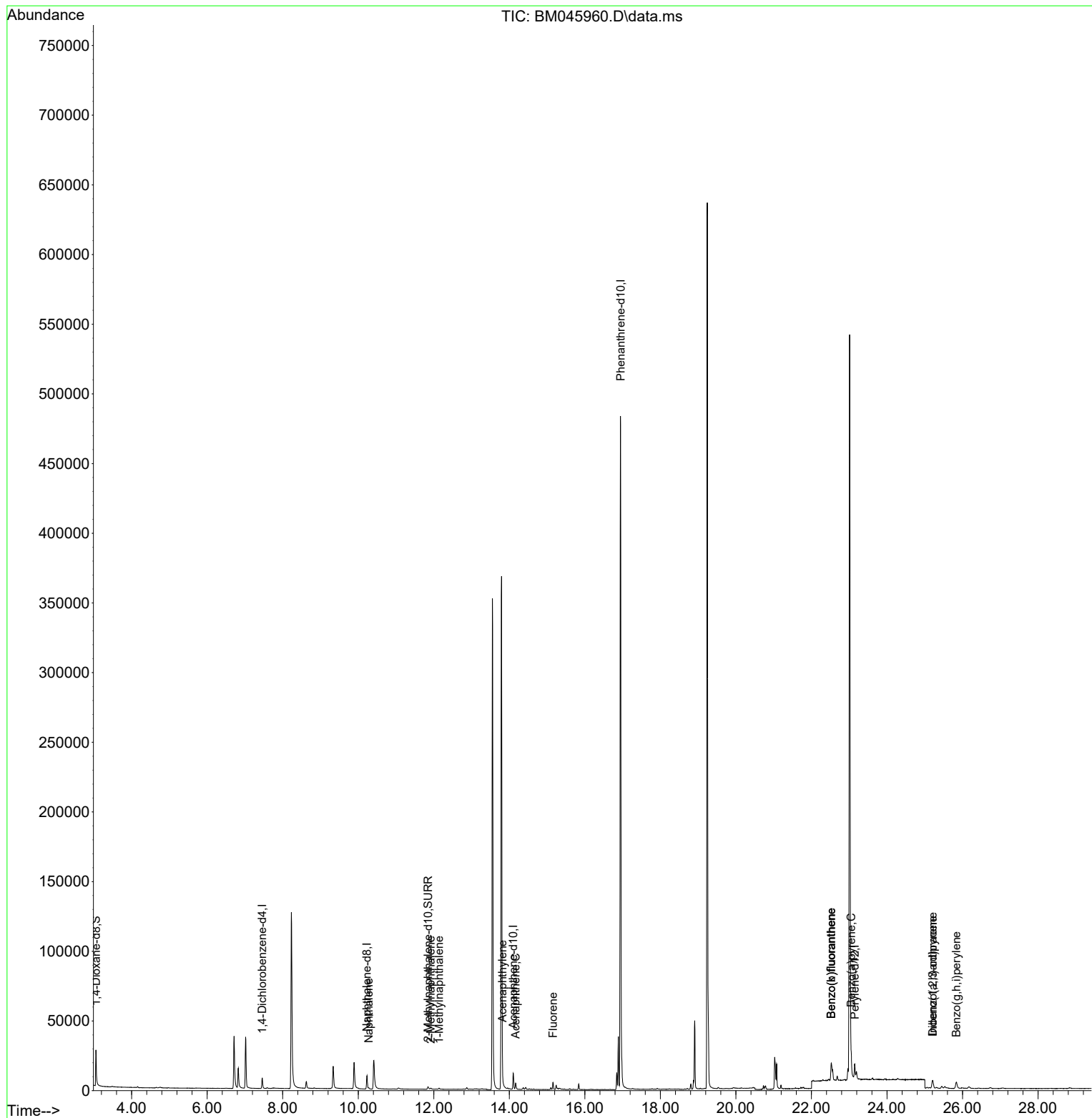
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4043	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	12939	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.103	164	6737	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.946	188	572478	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.145	264	16943	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	14951	3.247	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.848	152	3242	0.174	ng/ul	0.00
18) Fluoranthene-d10	18.875	212	7080	0.000	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.275	128	1055	0.031	ng/ul#	73
7) 2-Methylnaphthalene	11.920	142	714	0.033	ng/ul	97
8) 1-Methylnaphthalene	12.140	142	685	0.029	ng/ul	99
10) Acenaphthylene	13.821	152	628	0.020	ng/ul#	62
11) Acenaphthene	14.168	153	2524	0.112	ng/ul	96
12) Fluorene	15.158	166	3455	0.137	ng/ul	97
24) Benzo(b)fluoranthene	22.525	252	28408	0.506	ng/ul	94
25) Benzo(k)fluoranthene	22.525	252	28408	0.460	ng/ul#	93
26) Benzo(a)pyrene	23.052	252	15163	0.271	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.209	276	9457	0.131	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.216	278	2319	0.040	ng/ul#	37
29) Benzo(g,h,i)perylene	25.836	276	9247	0.148	ng/ul	95

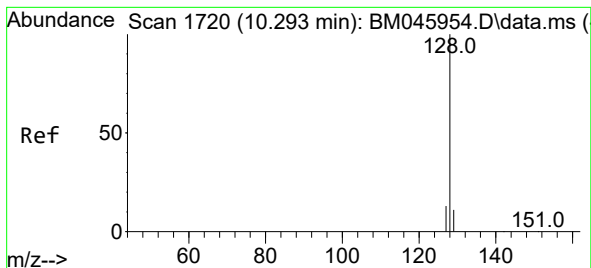
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
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#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.275 min Scan# 1717

Delta R.T. -0.028 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

Instrument :

BNA_M

ClientSampleId :

A4BH3

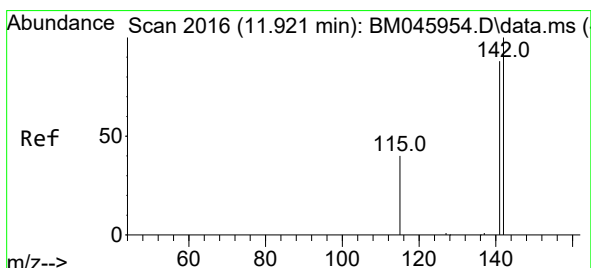
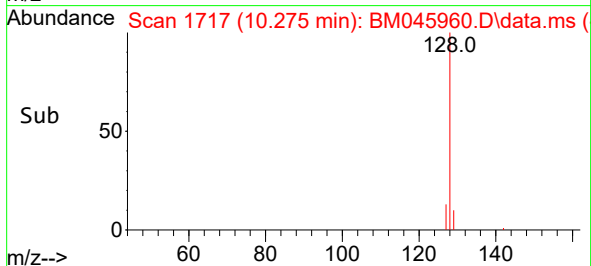
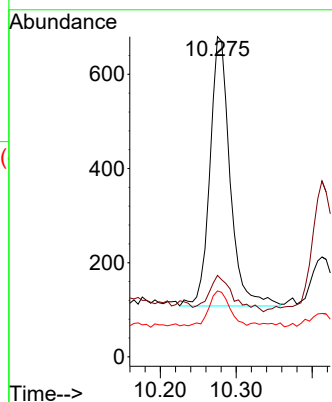
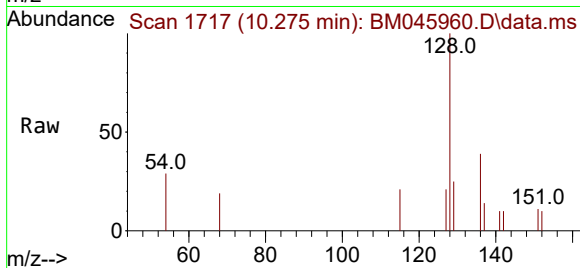
Tgt Ion:128 Resp: 1055

Ion Ratio Lower Upper

128 100

129 25.4 9.4 14.0#

127 20.6 10.6 15.8#



#7

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 11.920 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM045960.D

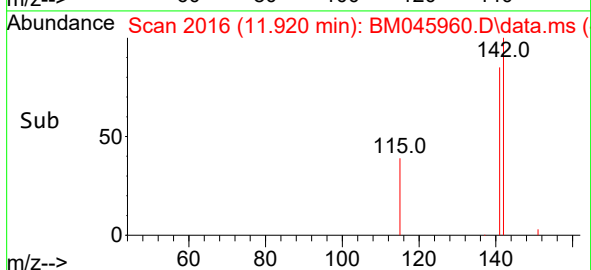
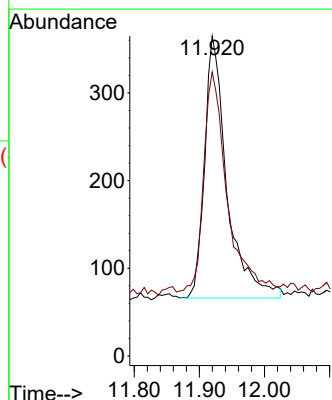
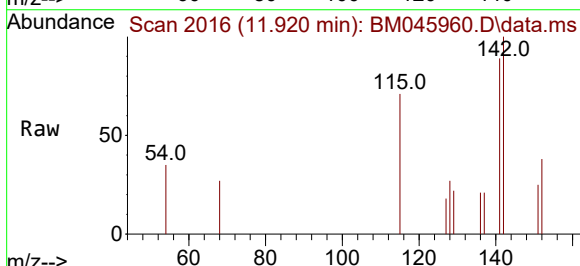
Acq: 10 Jun 2024 20:47

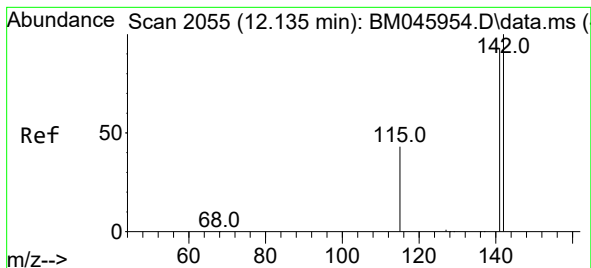
Tgt Ion:142 Resp: 714

Ion Ratio Lower Upper

142 100

141 87.4 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.140 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

Instrument :

BNA_M

ClientSampleId :

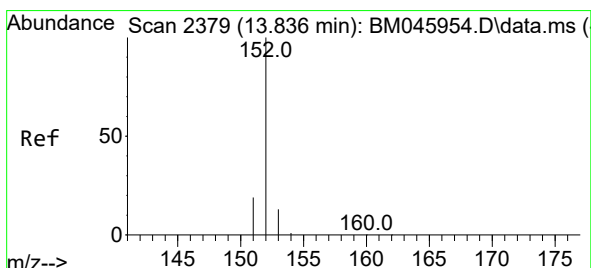
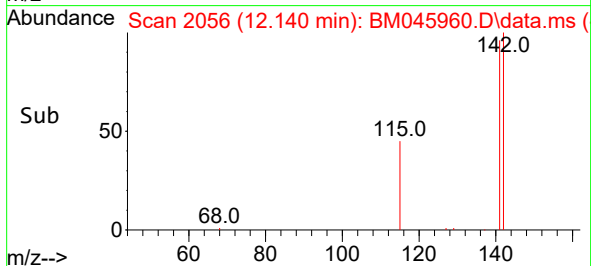
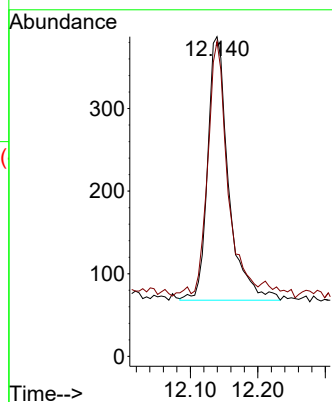
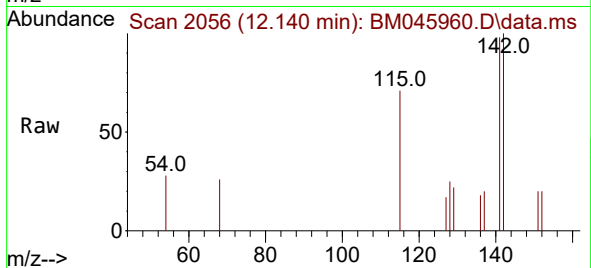
A4BH3

Tgt Ion:142 Resp: 685

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3



#10

Acenaphthylene

Concen: 0.020 ng/ul

RT: 13.821 min Scan# 2376

Delta R.T. -0.019 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

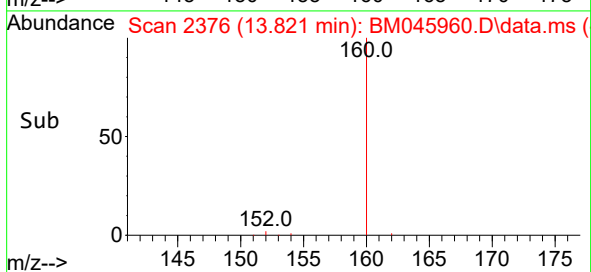
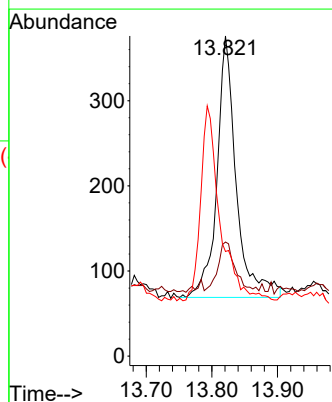
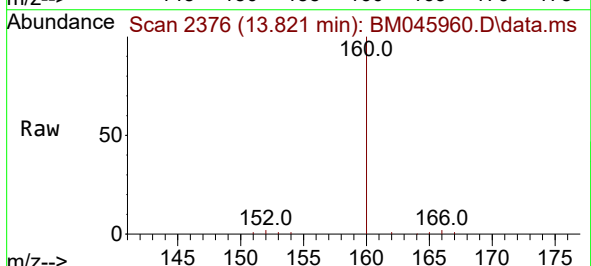
Tgt Ion:152 Resp: 628

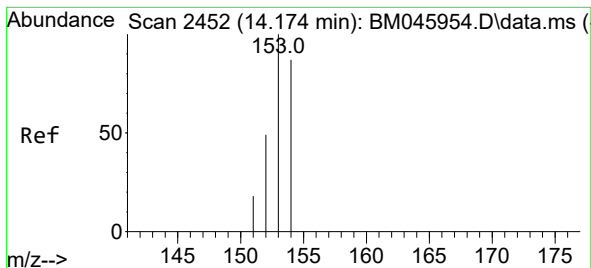
Ion Ratio Lower Upper

152 100

151 35.6 16.4 24.6#

153 32.7 11.1 16.7#





#11

Acenaphthene

Concen: 0.112 ng/ul

RT: 14.168 min Scan# 2451

Delta R.T. -0.014 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

Instrument :

BNA_M

ClientSampleId :

A4BH3

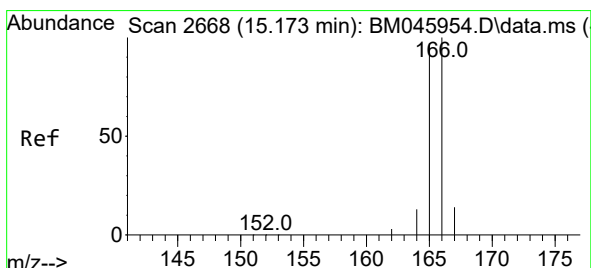
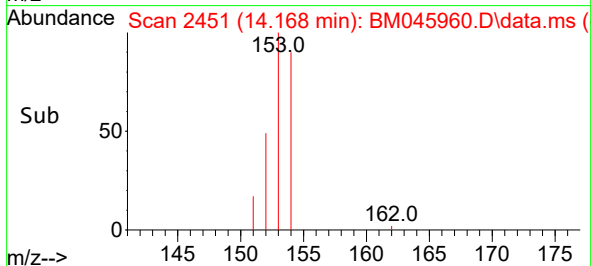
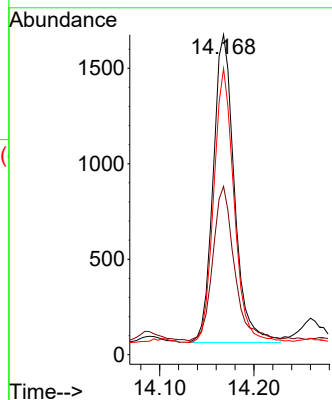
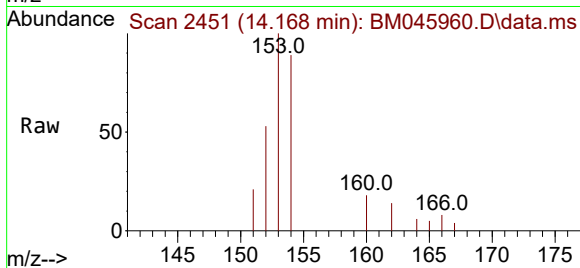
Tgt Ion:153 Resp: 2524

Ion Ratio Lower Upper

153 100

152 52.6 39.0 58.4

154 89.4 69.4 104.2



#12

Fluorene

Concen: 0.137 ng/ul

RT: 15.158 min Scan# 2665

Delta R.T. -0.019 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

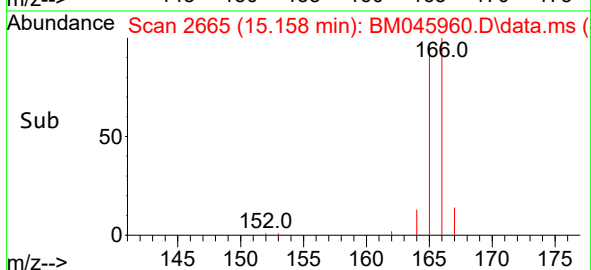
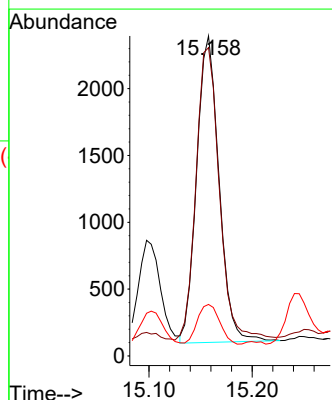
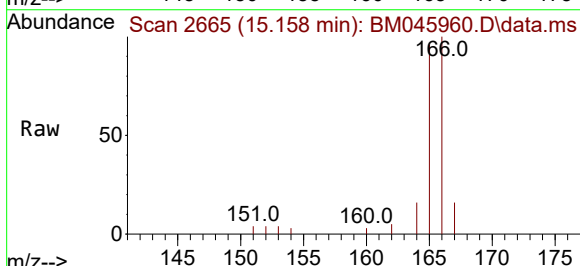
Tgt Ion:166 Resp: 3455

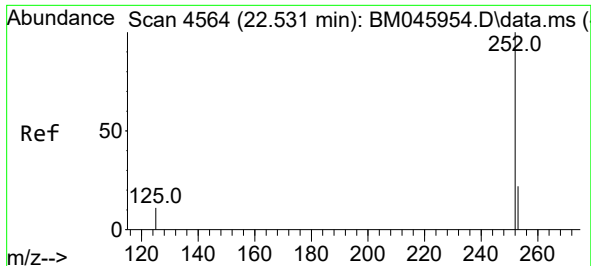
Ion Ratio Lower Upper

166 100

165 96.4 79.7 119.5

167 16.1 11.3 16.9

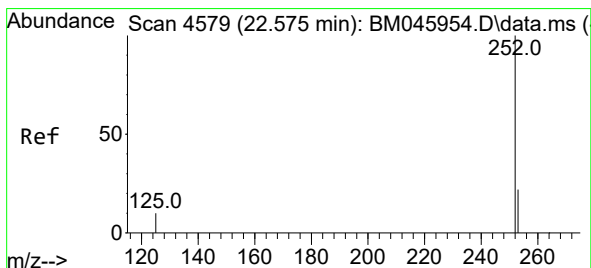
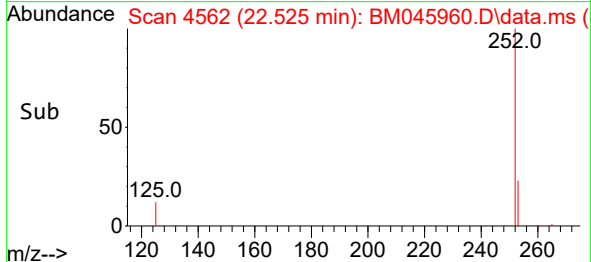
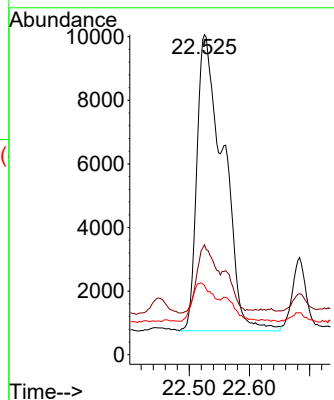
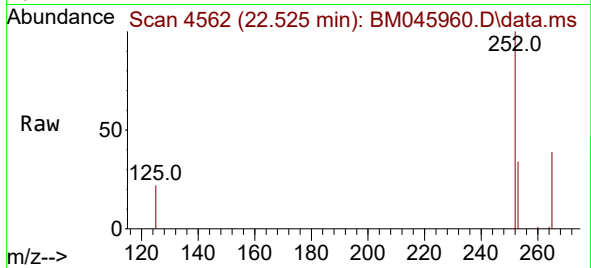




#24
Benzo(b)fluoranthene
Concen: 0.506 ng/ul
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

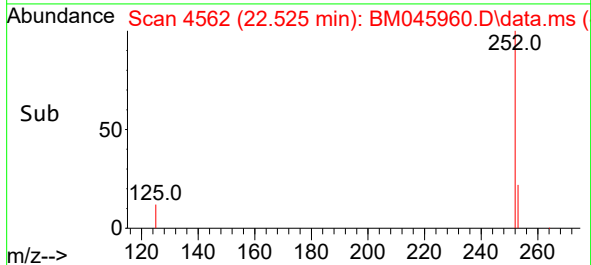
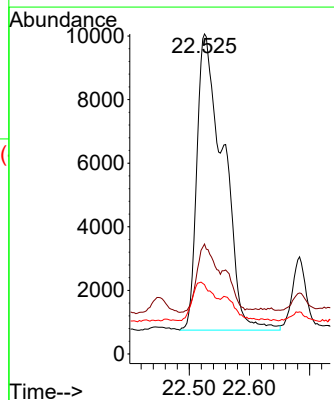
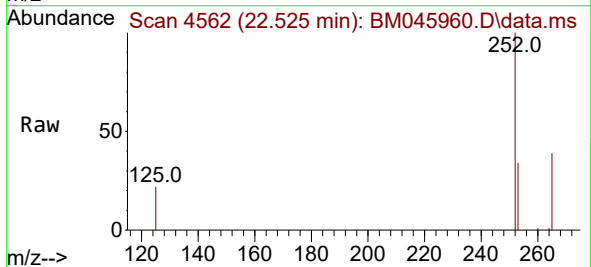
Instrument :
BNA_M
ClientSampleId :
A4BH3

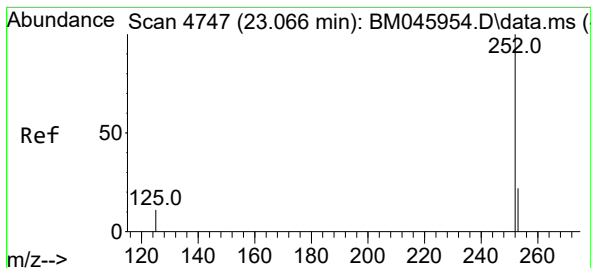
Tgt Ion:252	Resp:	28408
Ion Ratio	Lower	Upper
252	100	
253	34.3	0.0 63.6
125	21.7	0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.460 ng/ul
RT: 22.525 min Scan# 4562
Delta R.T. -0.056 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

Tgt Ion:252	Resp:	28408
Ion Ratio	Lower	Upper
252	100	
253	34.3	25.0 37.6
125	21.7	14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.271 ng/ul

RT: 23.052 min Scan# 41

Delta R.T. -0.020 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

Instrument :

BNA_M

ClientSampleId :

A4BH3

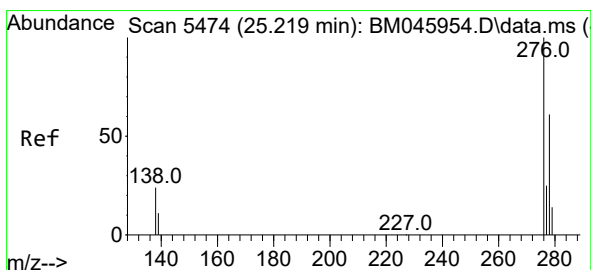
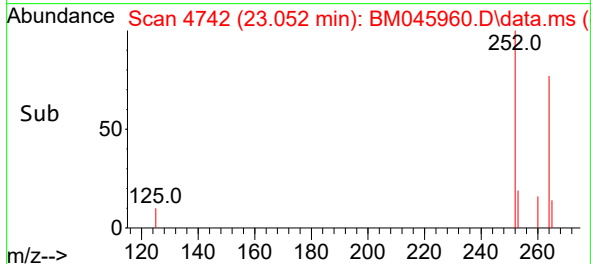
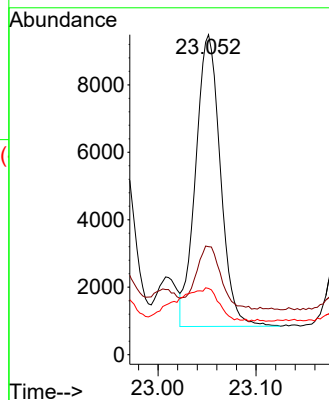
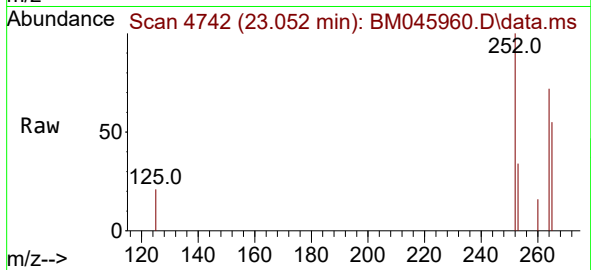
Tgt Ion:252 Resp: 15163

Ion Ratio Lower Upper

252 100

253 33.8 28.8 43.2

125 20.7 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.131 ng/ul

RT: 25.209 min Scan# 5471

Delta R.T. -0.023 min

Lab File: BM045960.D

Acq: 10 Jun 2024 20:47

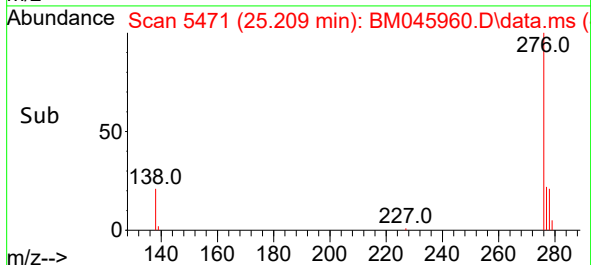
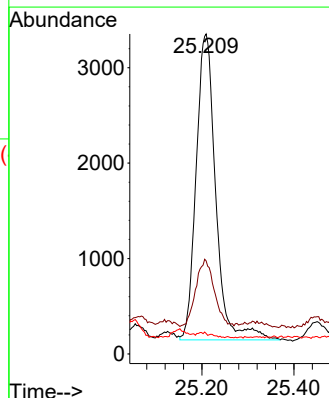
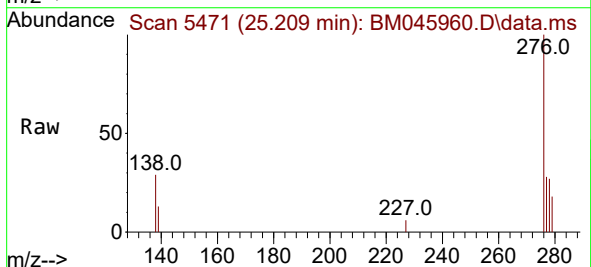
Tgt Ion:276 Resp: 9457

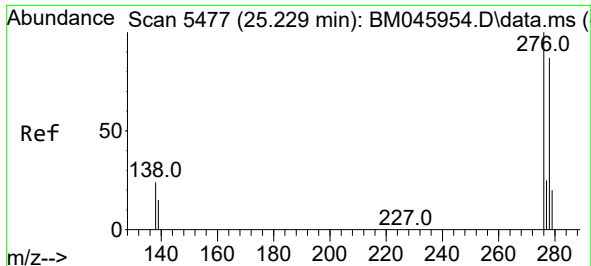
Ion Ratio Lower Upper

276 100

138 20.6 20.7 31.1#

227 1.2 0.2 0.2#

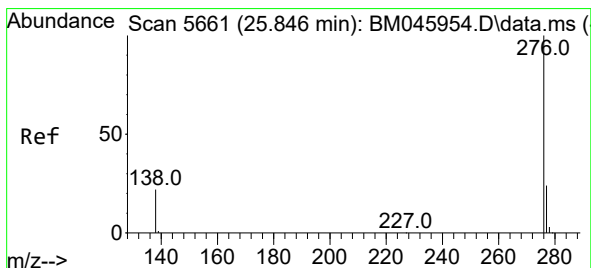
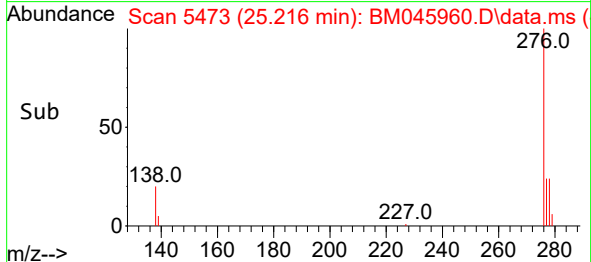
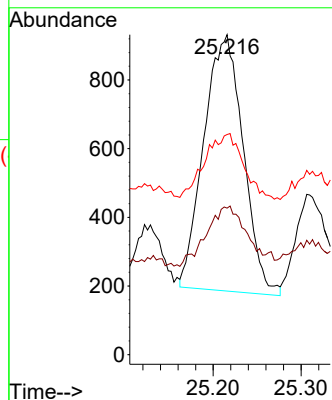
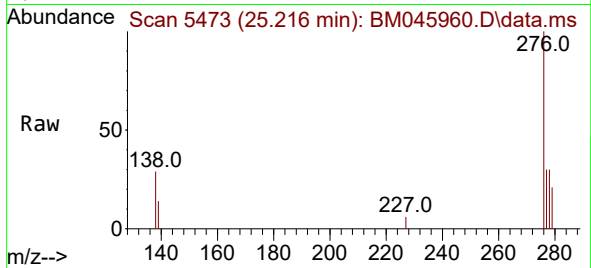




#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.033 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

Instrument :
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Tgt Ion:278 Resp: 2319
Ion Ratio Lower Upper
278 100
139 45.8 16.6 25.0#
279 68.8 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.148 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.026 min
Lab File: BM045960.D
Acq: 10 Jun 2024 20:47

Tgt Ion:276 Resp: 9247
Ion Ratio Lower Upper
276 100
138 29.3 21.0 31.4
277 27.8 20.5 30.7

