

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046212.D
 Acq On : 23 Jun 2024 00:25
 Operator : MA/JU
 Sample : P2754-17DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ1DL

Quant Time: Jun 23 01:09:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

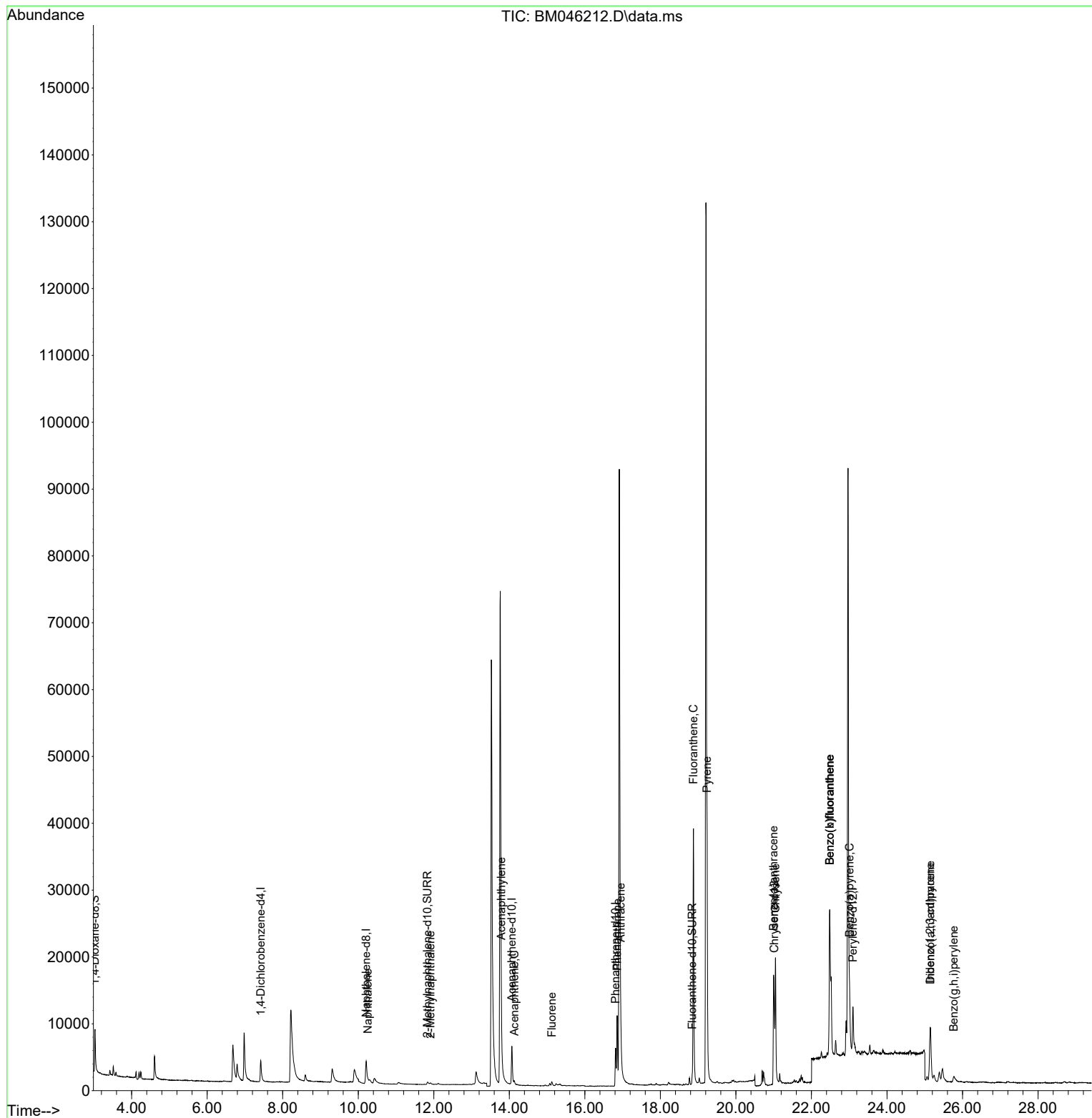
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2478	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.209	136	7288	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.066	164	4279	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.815	188	8367	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	6964	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	10183	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3993	1.174	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.832	152	881	0.090	ng/ul	-0.03
18) Fluoranthene-d10	18.843	212	1919	0.092	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	814	0.040	ng/ul#	64
7) 2-Methylnaphthalene	11.914	142	264	0.023	ng/ul	91
10) Acenaphthylene	13.788	152	1663	0.082	ng/ul#	84
11) Acenaphthene	14.131	153	382	0.026	ng/ul#	93
12) Fluorene	15.125	166	552	0.035	ng/ul#	90
15) Phenanthrene	16.853	178	13673	0.582	ng/ul	97
16) Anthracene	16.946	178	2511	0.143	ng/ul#	88
19) Fluoranthene	18.875	202	39676	1.316	ng/ul	96
20) Pyrene	19.238	202	29386	0.901	ng/ul	96
21) Benzo(a)anthracene	20.997	228	16769	0.623	ng/ul	99
22) Chrysene	21.047	228	19360	0.564	ng/ul	100
24) Benzo(b)fluoranthene	22.484	252	47709	1.300	ng/ul	89
25) Benzo(k)fluoranthene	22.484	252	47709	1.094	ng/ul#	87
26) Benzo(a)pyrene	23.008	252	10461	0.308	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.145	276	13313	0.239	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.152	278	3956	0.096	ng/ul#	70
29) Benzo(g,h,i)perylene	25.769	276	1954	0.041	ng/ul#	61

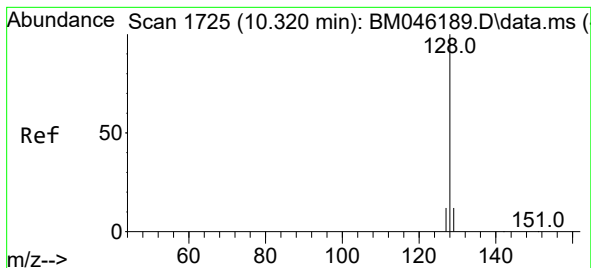
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Quant Time: Jun 23 01:09:20 2024
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QLast Update : Sat Jun 22 02:10:56 2024
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#5

Naphthalene

Concen: 0.040 ng/ul

RT: 10.253 min Scan# 1713

Delta R.T. -0.050 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

Instrument :

BNA_M

ClientSampleId :

A4BQ1DL

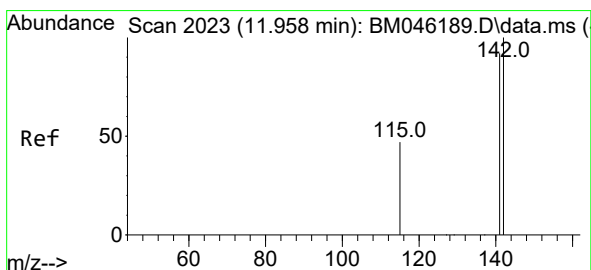
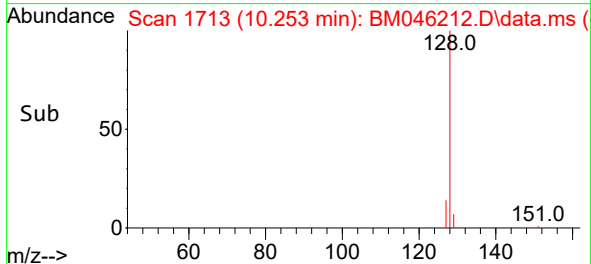
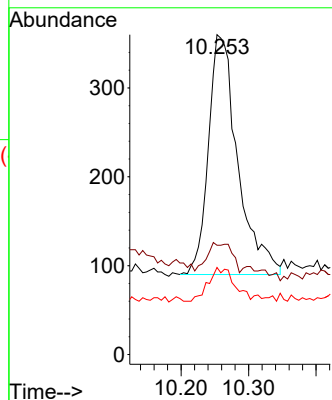
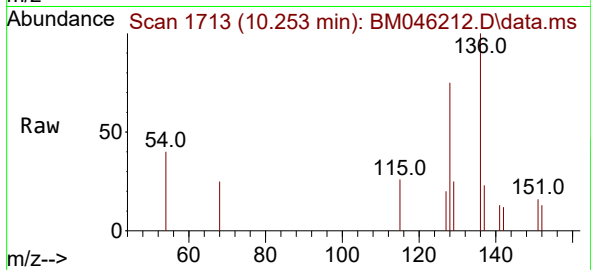
Tgt Ion:128 Resp: 814

Ion Ratio Lower Upper

128 100

129 34.2 11.8 17.6#

127 27.2 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.914 min Scan# 2015

Delta R.T. -0.033 min

Lab File: BM046212.D

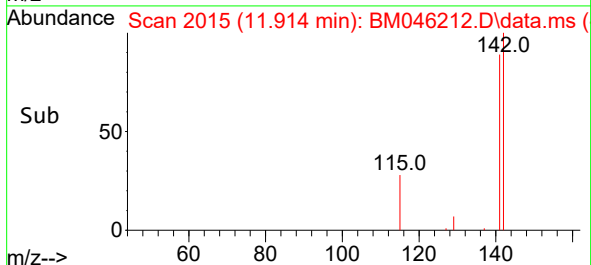
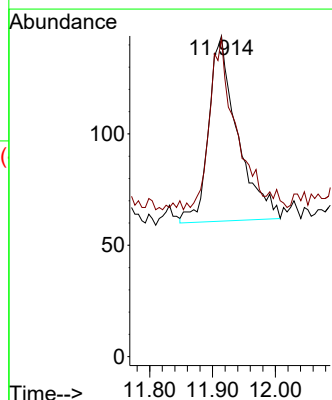
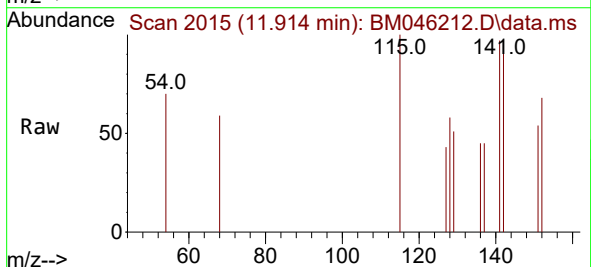
Acq: 23 Jun 2024 00:25

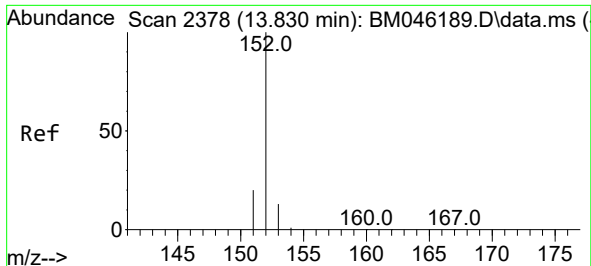
Tgt Ion:142 Resp: 264

Ion Ratio Lower Upper

142 100

141 84.1 74.6 111.8

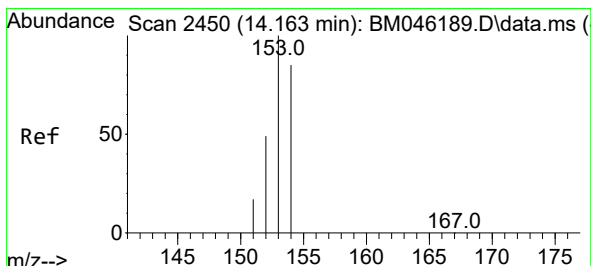
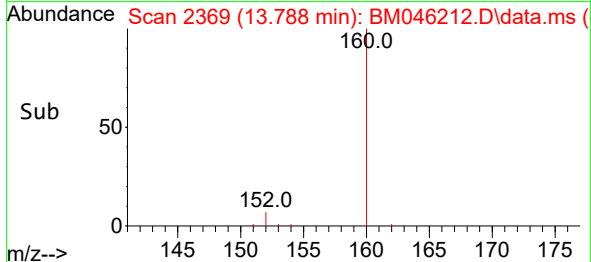
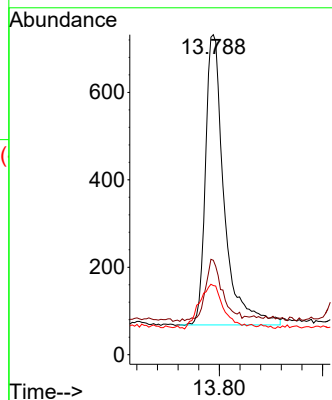
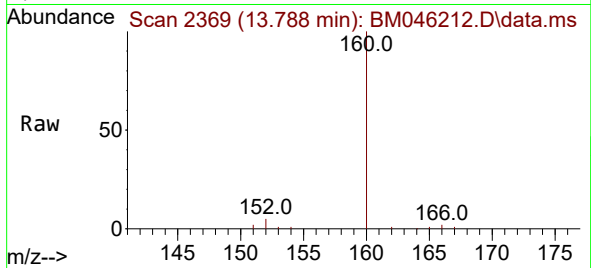




#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

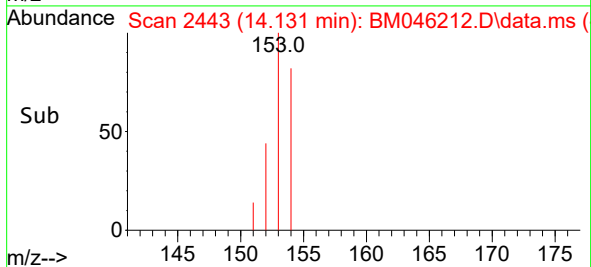
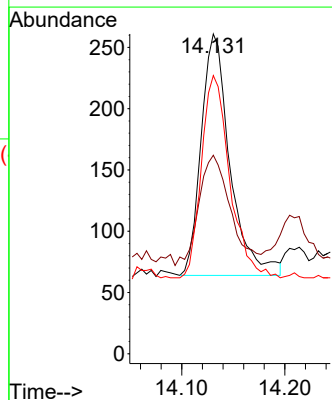
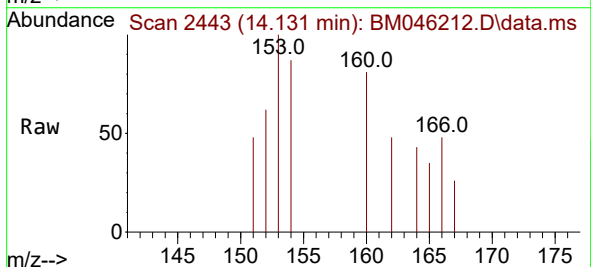
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL

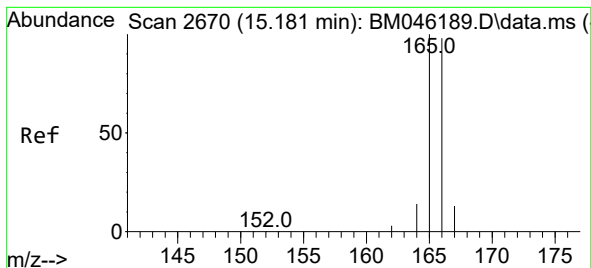
Tgt Ion:152 Resp: 1663
Ion Ratio Lower Upper
152 100
151 29.5 17.4 26.2#
153 21.6 11.8 17.8#



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

Tgt Ion:153 Resp: 382
Ion Ratio Lower Upper
153 100
152 62.1 41.3 61.9#
154 87.0 68.2 102.4





#12

Fluorene

Concen: 0.035 ng/ul

RT: 15.125 min Scan# 2

Delta R.T. -0.056 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

Instrument :

BNA_M

ClientSampleId :

A4BQ1DL

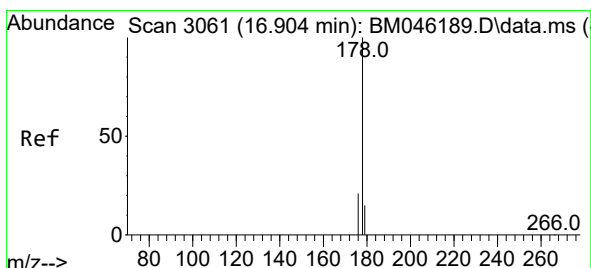
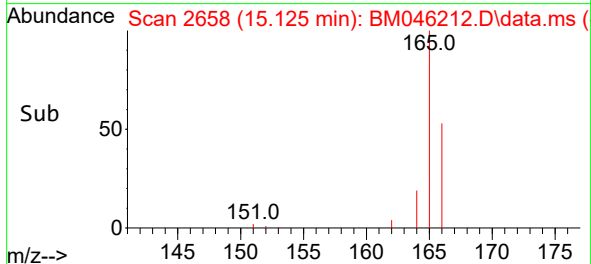
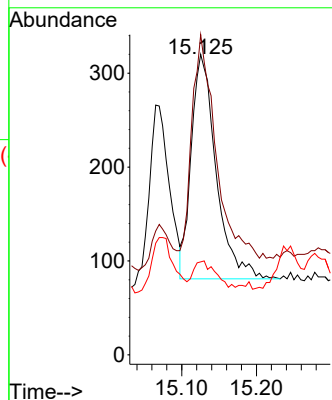
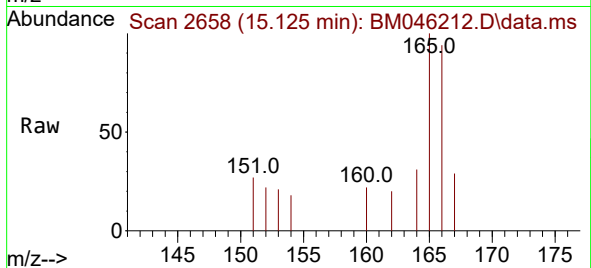
Tgt Ion:166 Resp: 552

Ion Ratio Lower Upper

166 100

165 106.6 80.4 120.6

167 30.9 12.4 18.6#



#15

Phenanthrene

Concen: 0.582 ng/ul

RT: 16.853 min Scan# 3049

Delta R.T. -0.051 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

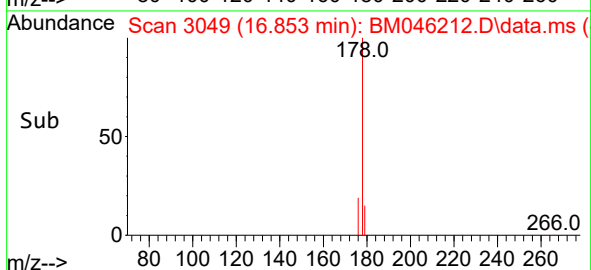
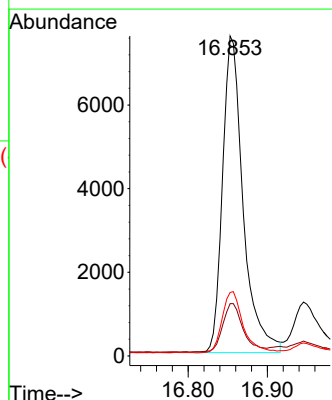
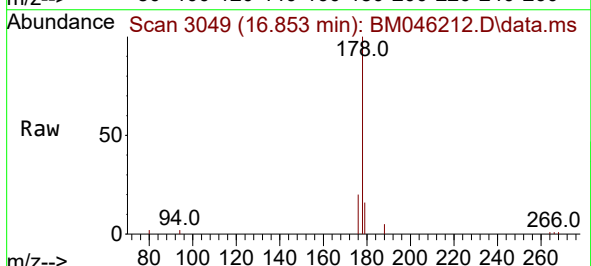
Tgt Ion:178 Resp: 13673

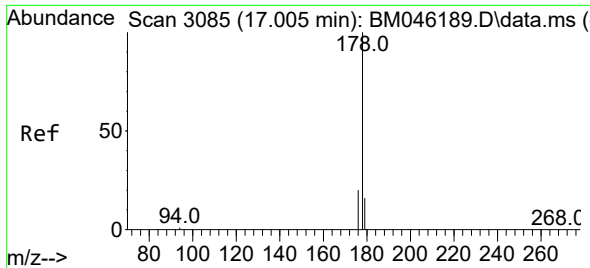
Ion Ratio Lower Upper

178 100

179 16.3 14.2 21.2

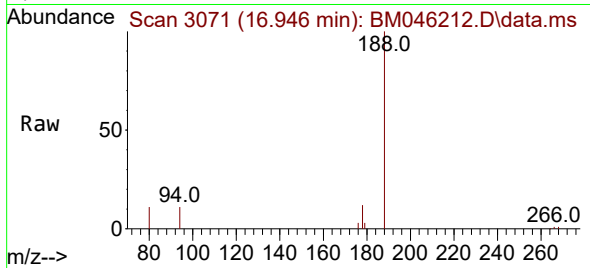
176 19.9 17.1 25.7



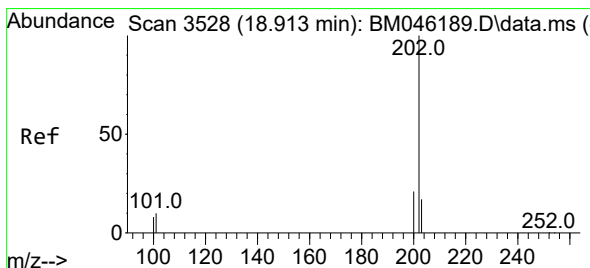
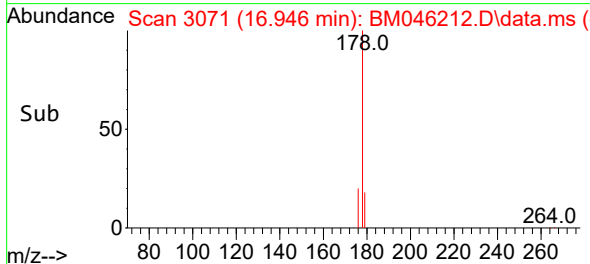
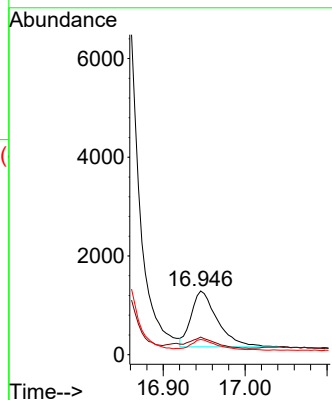


#16
Anthracene
Concen: 0.143 ng/ul
RT: 16.946 min Scan# 3085
Delta R.T. -0.059 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

Instrument :
BNA_M
ClientSampleId :
A4BQ1DL

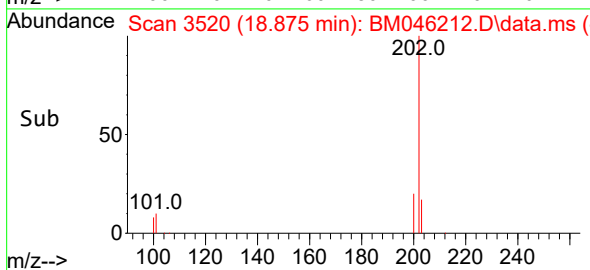
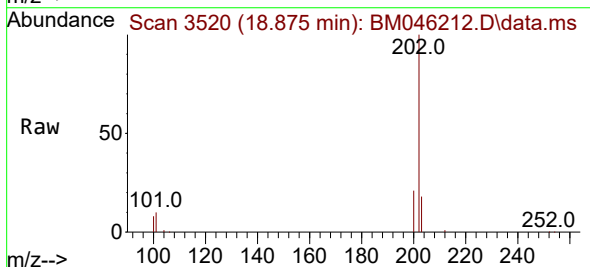
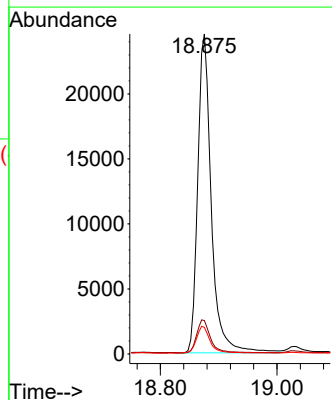


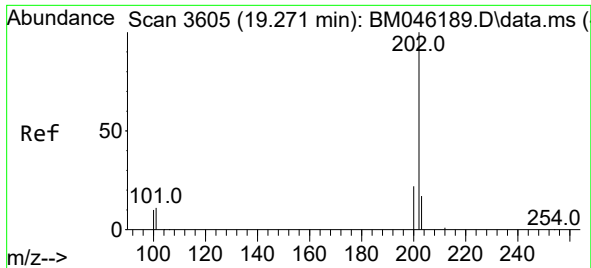
Tgt Ion:178 Resp: 2511
Ion Ratio Lower Upper
178 100
179 27.6 14.9 22.3#
176 23.9 17.0 25.4



#19
Fluoranthene
Concen: 1.316 ng/ul
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

Tgt Ion:202 Resp: 39676
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.3 7.6 11.4

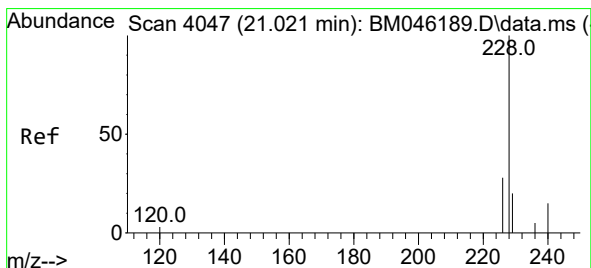
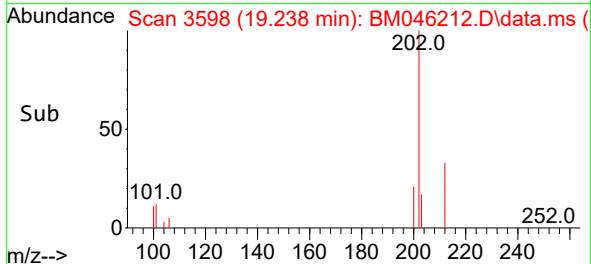
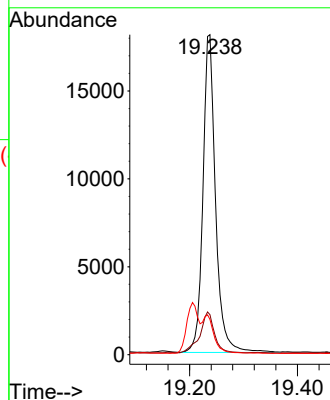
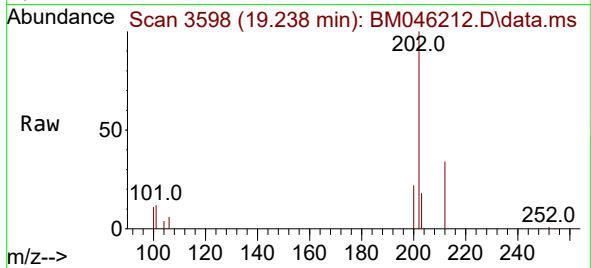




#20
Pyrene
Concen: 0.901 ng/ul
RT: 19.238 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

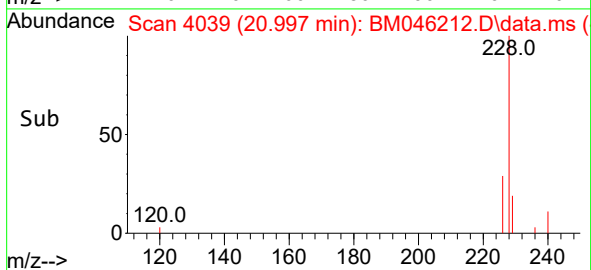
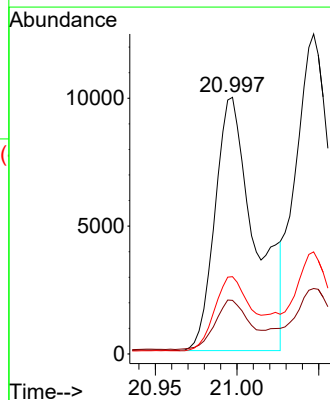
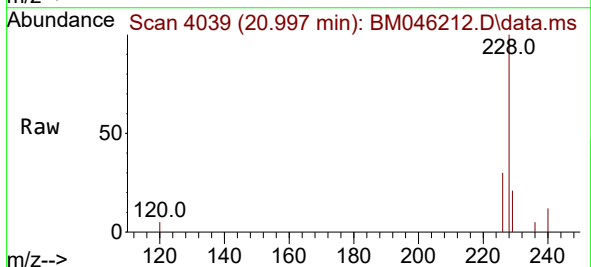
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL

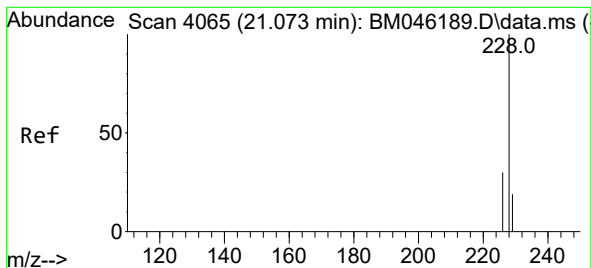
Tgt Ion:202 Resp: 29386
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.0 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.623 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

Tgt Ion:228 Resp: 16769
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 30.1 23.4 35.2





#22

Chrysene

Concen: 0.564 ng/ul

RT: 21.047 min Scan# 4065

Delta R.T. -0.029 min

Lab File: BM046212.D

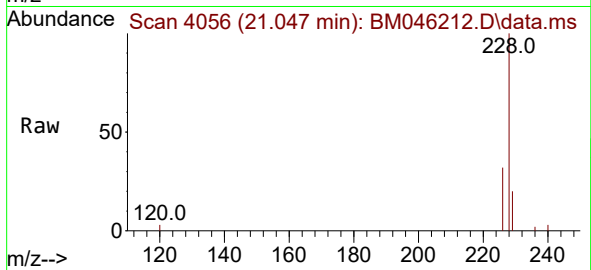
Acq: 23 Jun 2024 00:25

Instrument :

BNA_M

ClientSampleId :

A4BQ1DL



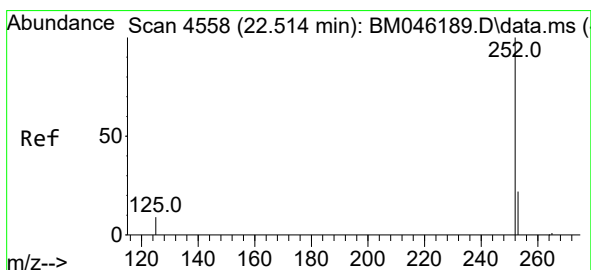
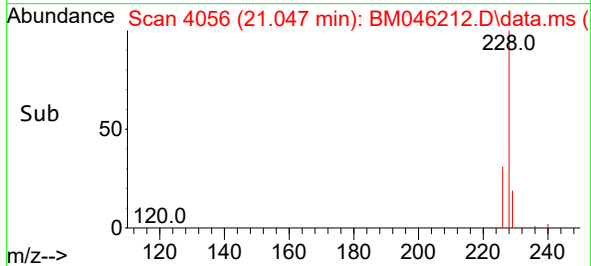
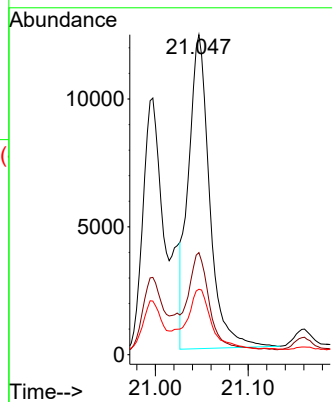
Tgt Ion:228 Resp: 19360

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

229 20.4 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 1.300 ng/ul

RT: 22.484 min Scan# 4548

Delta R.T. -0.035 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

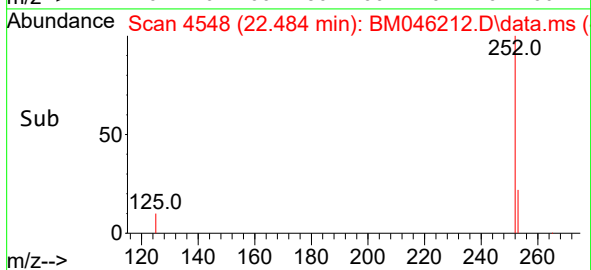
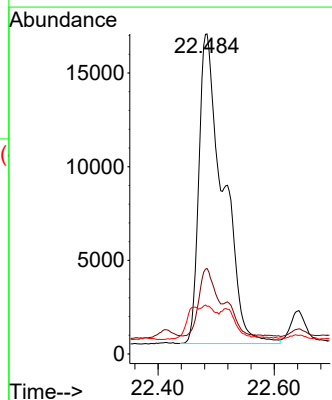
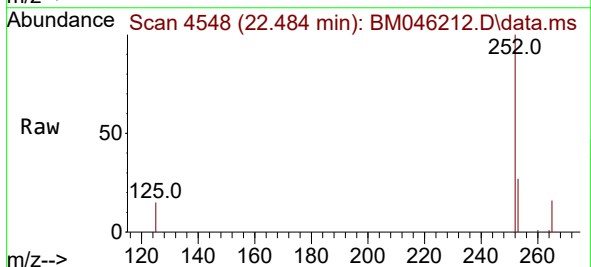
Tgt Ion:252 Resp: 47709

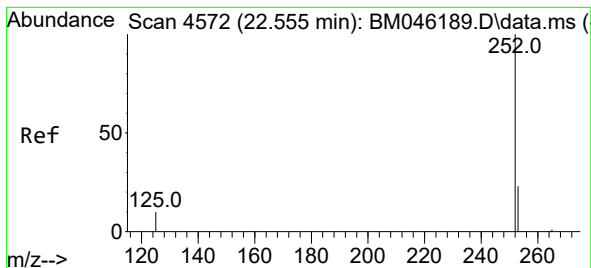
Ion Ratio Lower Upper

252 100

253 26.7 0.0 65.8

125 14.9 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 1.094 ng/ul

RT: 22.484 min Scan# 4

Delta R.T. -0.079 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

Instrument :

BNA_M

ClientSampleId :

A4BQ1DL

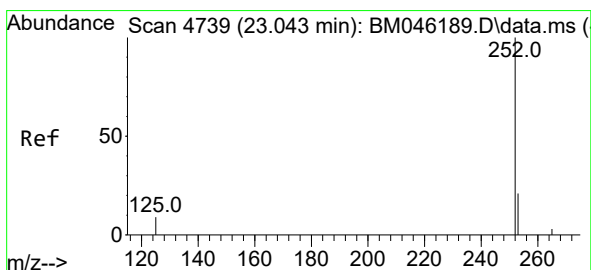
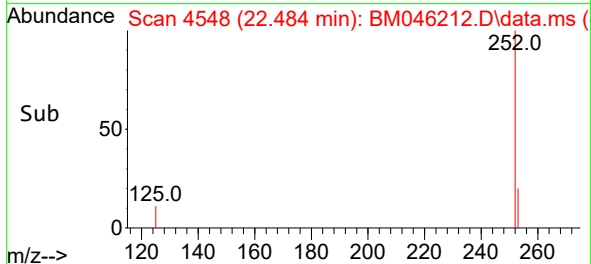
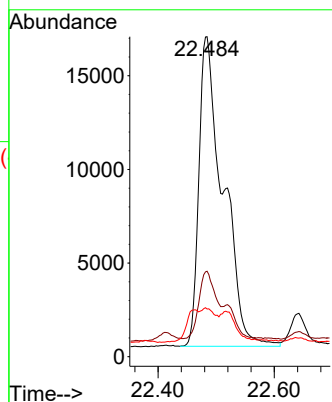
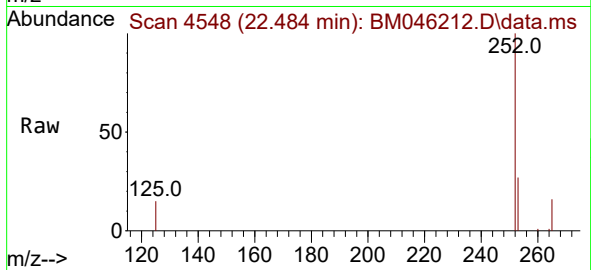
Tgt Ion:252 Resp: 47709

Ion Ratio Lower Upper

252 100

253 26.7 27.2 40.8#

125 14.9 16.6 25.0#



#26

Benzo(a)pyrene

Concen: 0.308 ng/ul

RT: 23.008 min Scan# 4727

Delta R.T. -0.047 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

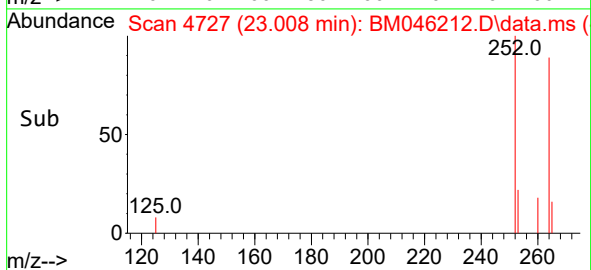
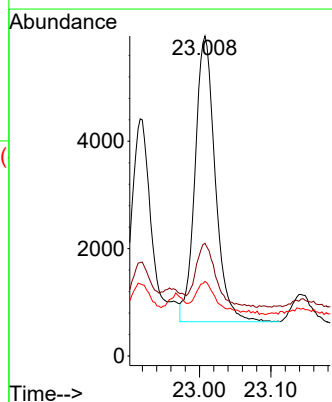
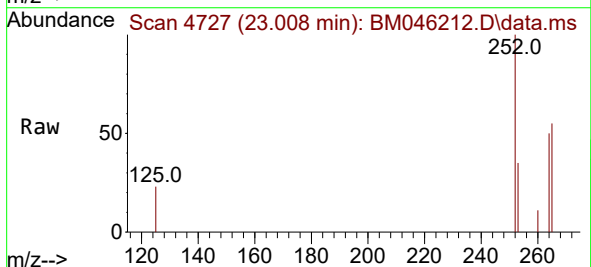
Tgt Ion:252 Resp: 10461

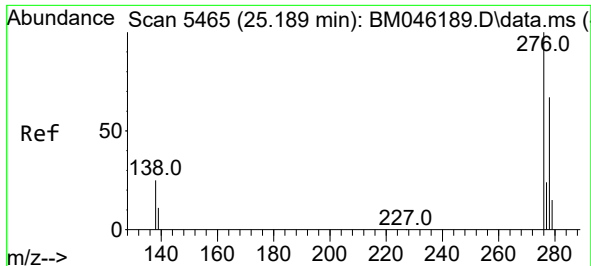
Ion Ratio Lower Upper

252 100

253 35.2 32.1 48.1

125 23.3 21.2 31.8

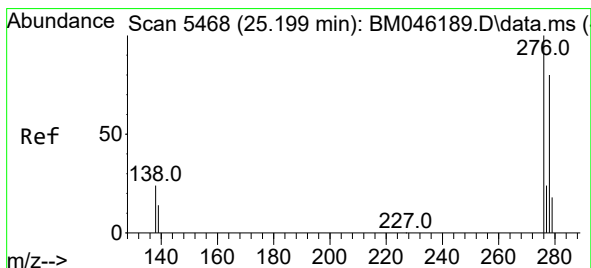
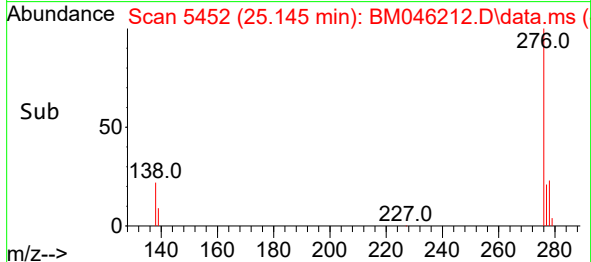
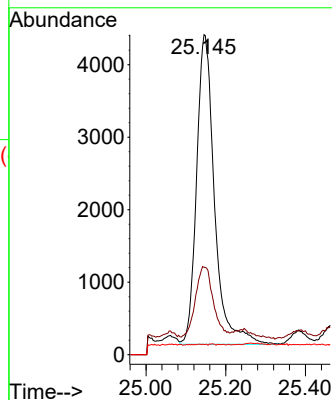
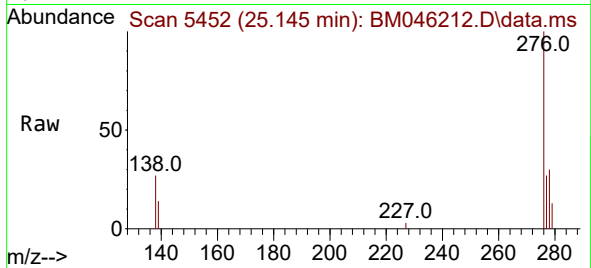




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.057 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

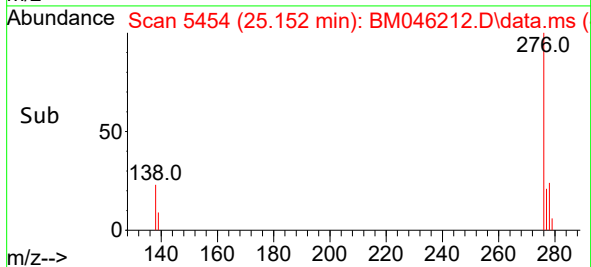
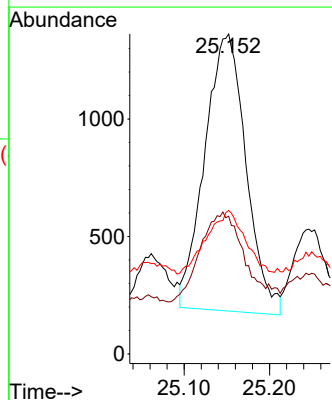
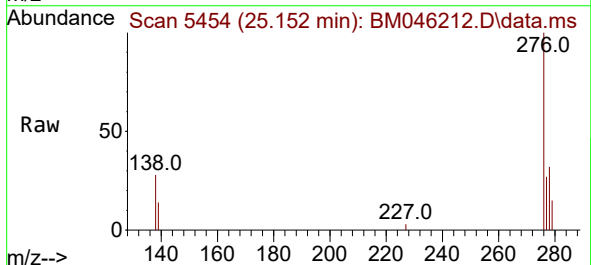
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL

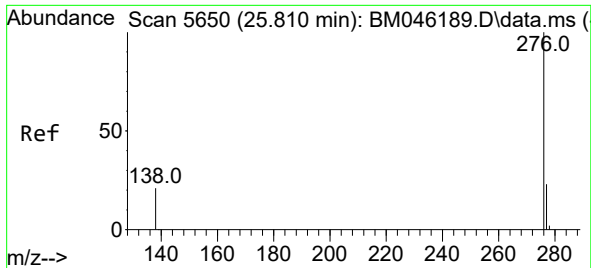
Tgt Ion:276 Resp: 13313
Ion Ratio Lower Upper
276 100
138 27.6 21.0 31.4
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.064 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

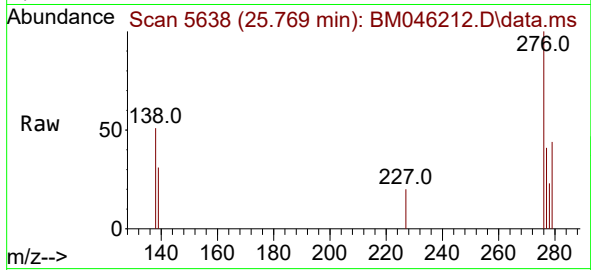
Tgt Ion:278 Resp: 3956
Ion Ratio Lower Upper
278 100
139 43.0 17.6 26.4#
279 44.9 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 25.769 min Scan# 5
Delta R.T. -0.060 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



Tgt Ion:276 Resp: 1954
Ion Ratio Lower Upper
276 100
138 51.4 21.7 32.5#
277 40.9 20.4 30.6#

