

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046265.D
 Acq On : 24 Jun 2024 22:22
 Operator : MA/JU
 Sample : P2776-22DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C76DL

Quant Time: Jun 25 02:27:49 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

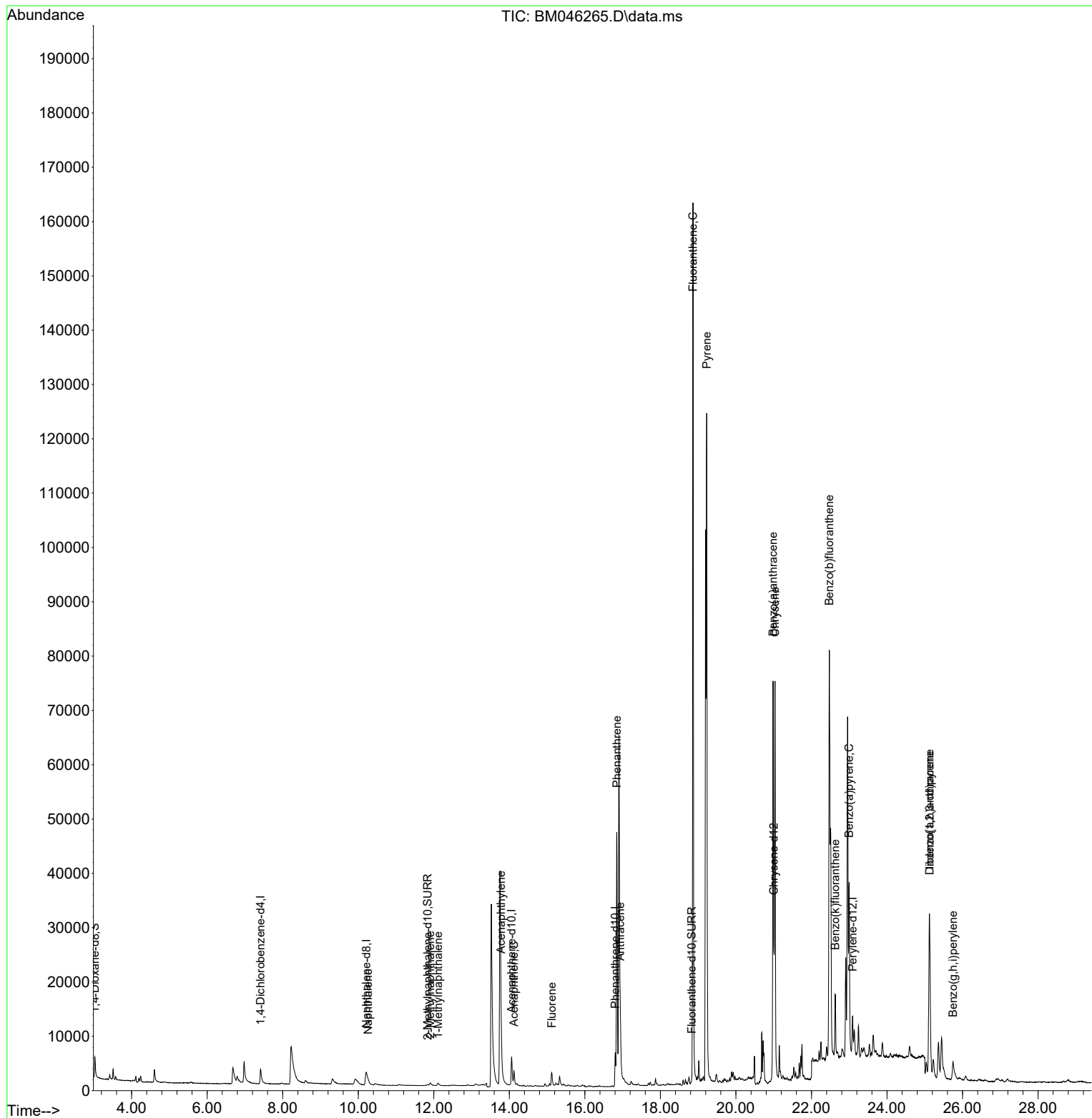
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2491	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.210	136	7053	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.058	164	4197	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.803	188	8455	0.400	ng/ul	-0.06
17) Chrysene-d12	21.000	240	7153	0.400	ng/ul	-0.04
23) Perylene-d12	23.086	264	9542	0.400	ng/ul	#-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2564	0.750	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	568	0.060	ng/ul	-0.03
18) Fluoranthene-d10	18.830	212	1231	0.057	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.260	128	2008	0.102	ng/ul#	81
7) 2-Methylnaphthalene	11.904	142	744	0.067	ng/ul	93
8) 1-Methylnaphthalene	12.113	142	585	0.048	ng/ul	96
10) Acenaphthylene	13.780	152	6912	0.347	ng/ul	100
11) Acenaphthene	14.123	153	1968	0.137	ng/ul	98
12) Fluorene	15.122	166	2552	0.165	ng/ul#	97
15) Phenanthrene	16.846	178	59823	2.518	ng/ul	96
16) Anthracene	16.938	178	11904	0.673	ng/ul	97
19) Fluoranthene	18.863	202	151652	4.897	ng/ul	96
20) Pyrene	19.225	202	111816	3.338	ng/ul	95
21) Benzo(a)anthracene	20.982	228	65084	2.356	ng/ul	99
22) Chrysene	21.035	228	70747	2.006	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252	158699	4.616	ng/ul	83
25) Benzo(k)fluoranthene	22.627	252	12025	0.294	ng/ul	96
26) Benzo(a)pyrene	22.995	252	39857	1.251	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.125	276	44564	0.855	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.128	278	13850	0.357	ng/ul#	92
29) Benzo(g,h,i)perylene	25.748	276	6793	0.152	ng/ul#	88

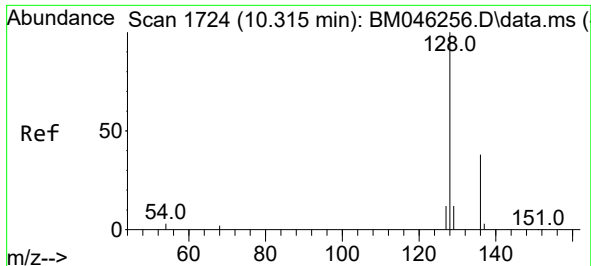
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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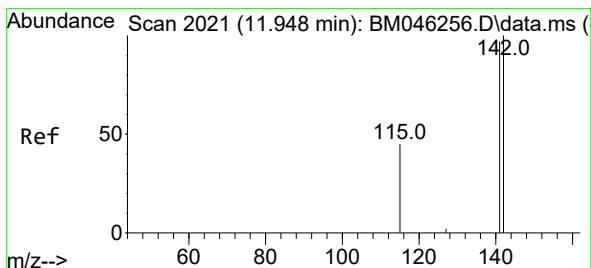
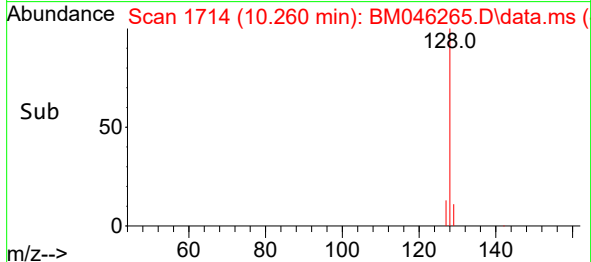
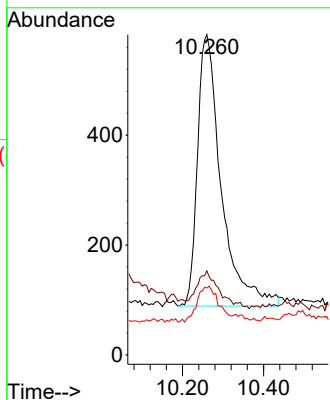
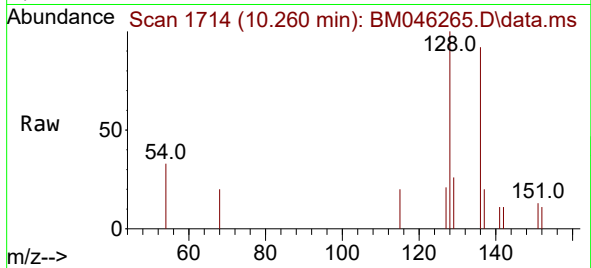




#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.260 min Scan# 11
Delta R.T. -0.043 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

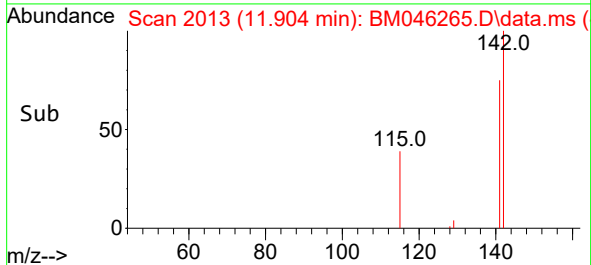
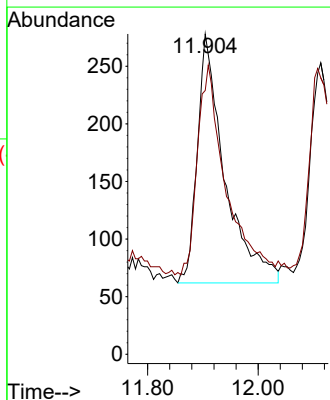
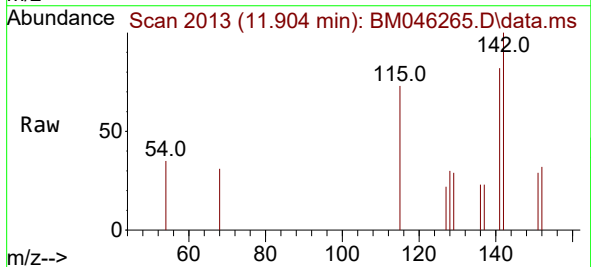
Instrument :
BNA_M
ClientSampleId :
A4C76DL

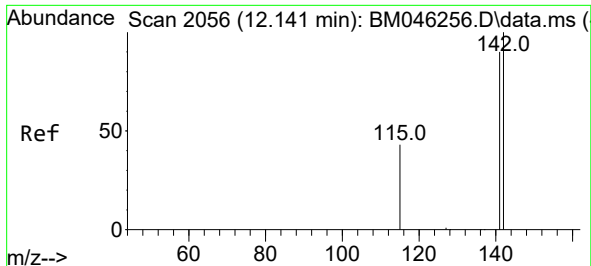
Tgt Ion:128 Resp: 2008
Ion Ratio Lower Upper
128 100
129 26.2 11.8 17.6#
127 20.9 12.8 19.2#



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.043 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 86.0 74.6 111.8

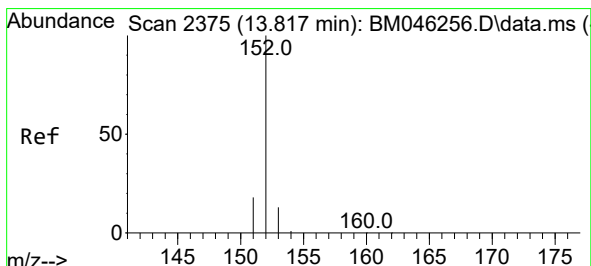
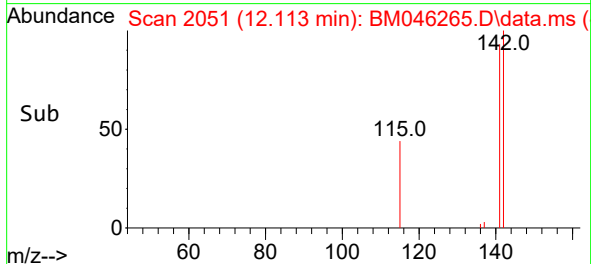
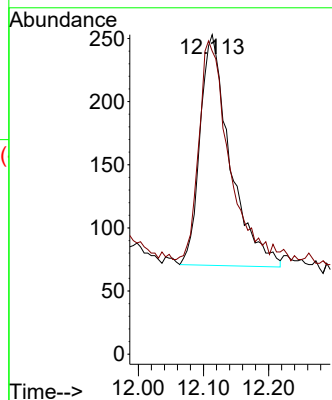
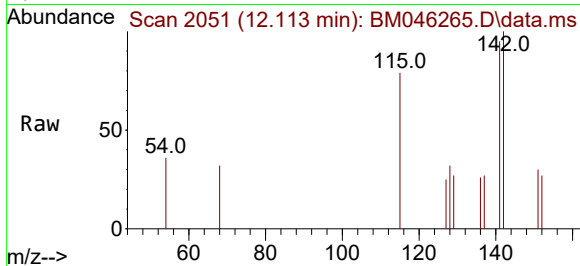




#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.037 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

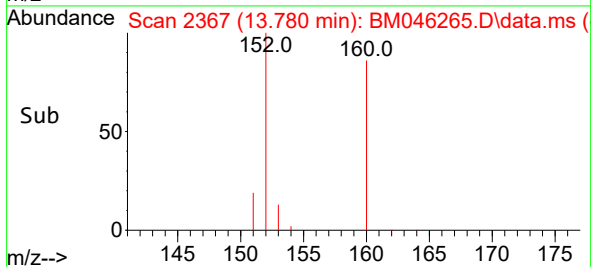
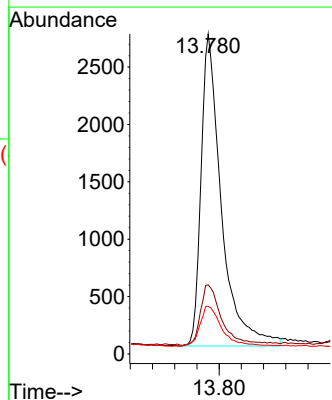
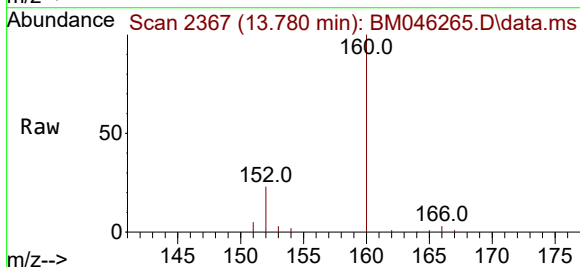
Instrument :
BNA_M
ClientSampleId :
A4C76DL

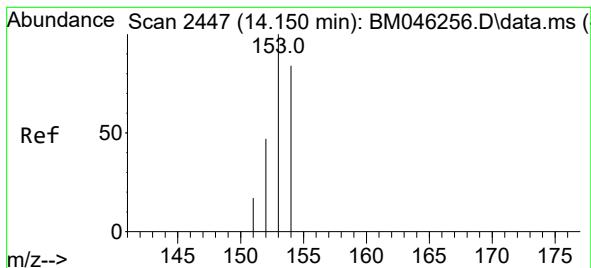
Tgt Ion:142 Resp: 585
Ion Ratio Lower Upper
142 100
141 97.4 75.2 112.8



#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 13.780 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:152 Resp: 6912
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 14.9 11.8 17.8





#11

Acenaphthene

Concen: 0.137 ng/ul

RT: 14.123 min Scan# 2441

Delta R.T. -0.050 min

Lab File: BM046265.D

Acq: 24 Jun 2024 22:22

Instrument :

BNA_M

ClientSampleId :

A4C76DL

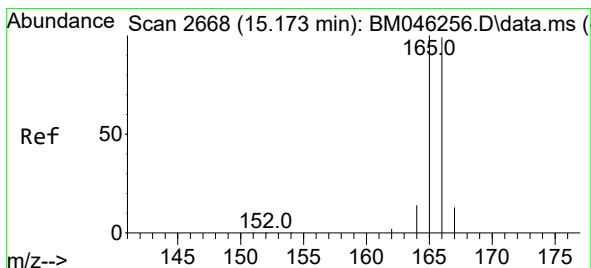
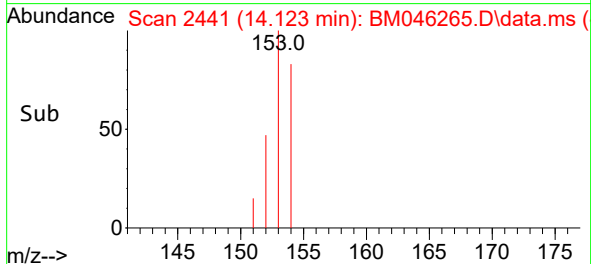
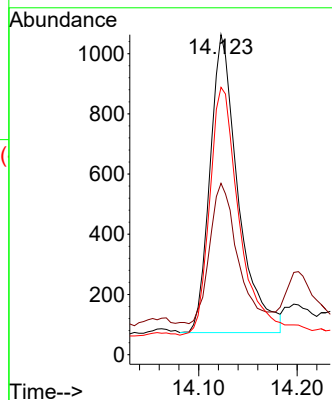
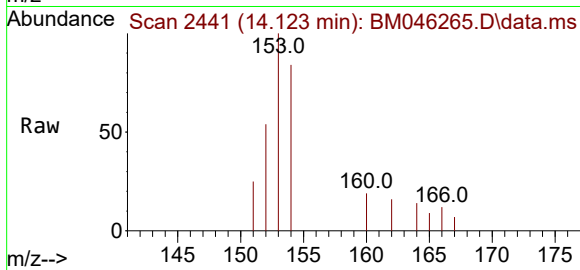
Tgt Ion:153 Resp: 1968

Ion Ratio Lower Upper

153 100

152 53.5 41.3 61.9

154 83.5 68.2 102.4



#12

Fluorene

Concen: 0.165 ng/ul

RT: 15.122 min Scan# 2657

Delta R.T. -0.059 min

Lab File: BM046265.D

Acq: 24 Jun 2024 22:22

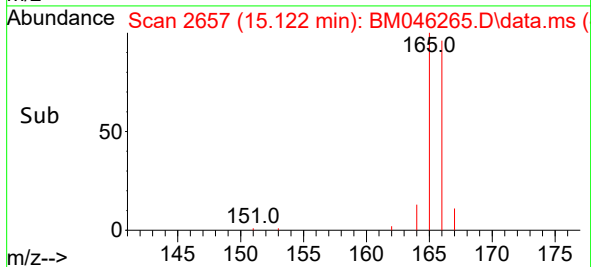
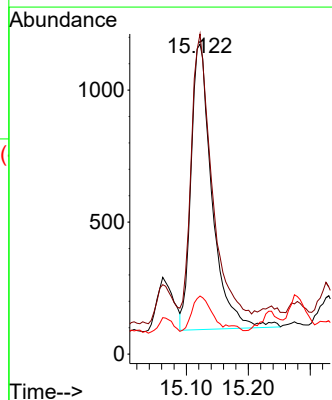
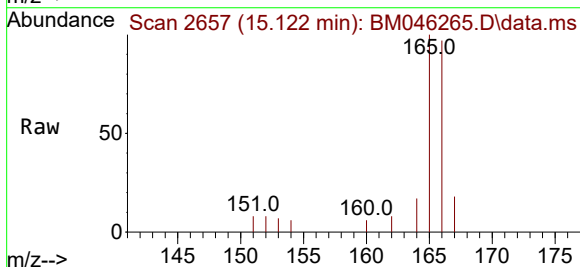
Tgt Ion:166 Resp: 2552

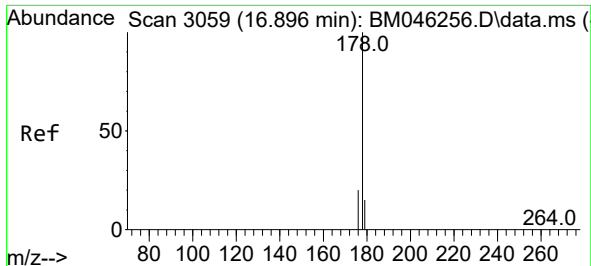
Ion Ratio Lower Upper

166 100

165 103.2 80.4 120.6

167 18.7 12.4 18.6#

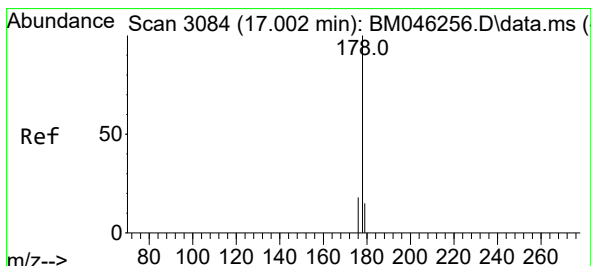
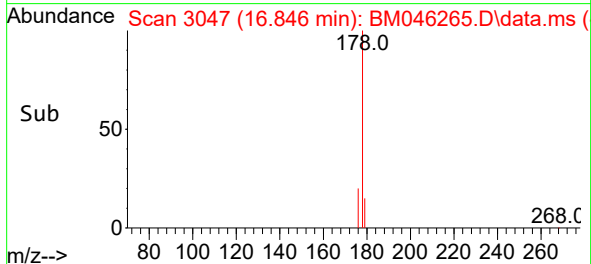
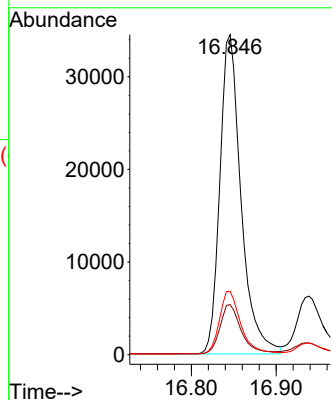
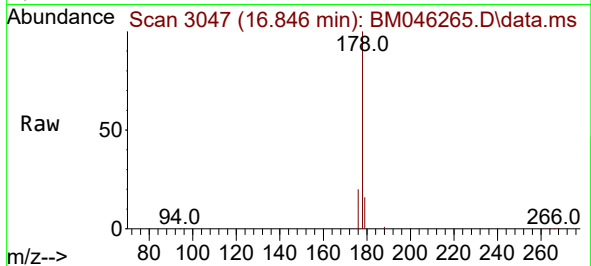




#15
Phenanthrene
Concen: 2.518 ng/ul
RT: 16.846 min Scan# 3069
Delta R.T. -0.058 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

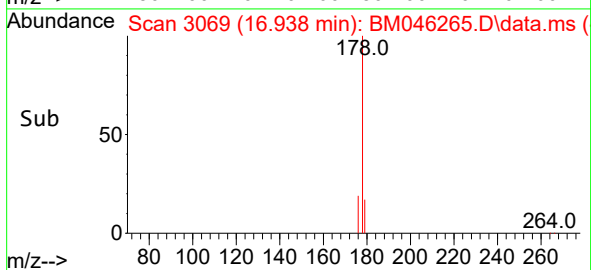
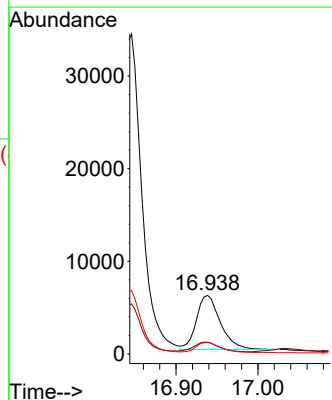
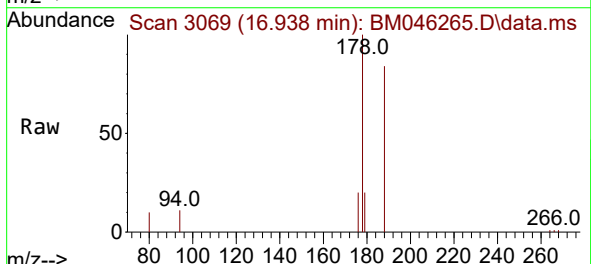
Instrument :
BNA_M
ClientSampleId :
A4C76DL

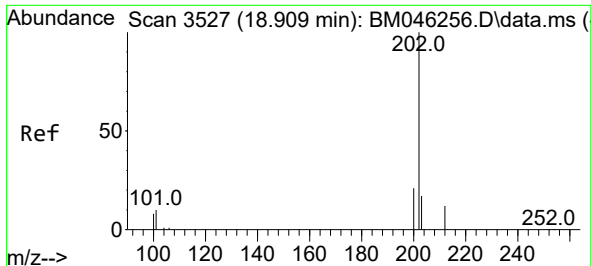
Tgt Ion:178 Resp: 59823
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.8 17.1 25.7



#16
Anthracene
Concen: 0.673 ng/ul
RT: 16.938 min Scan# 3069
Delta R.T. -0.066 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:178 Resp: 11904
Ion Ratio Lower Upper
178 100
179 20.1 14.9 22.3
176 20.0 17.0 25.4

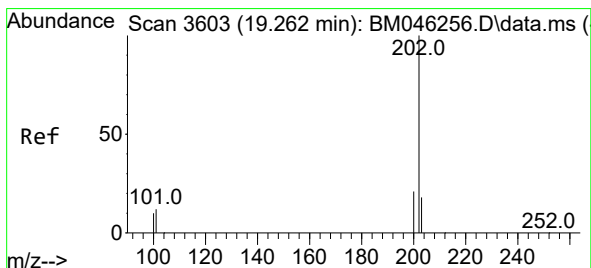
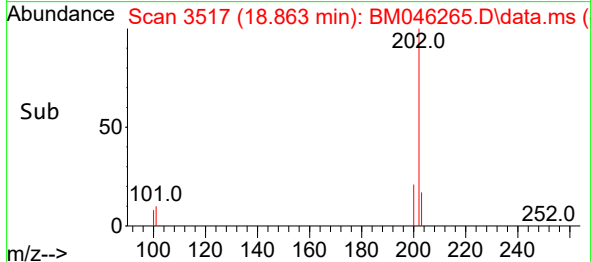
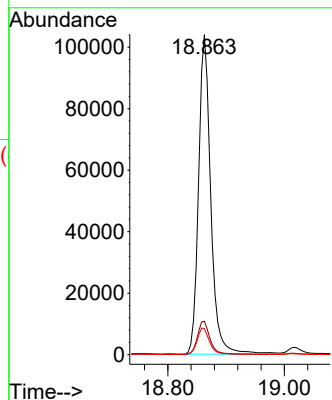
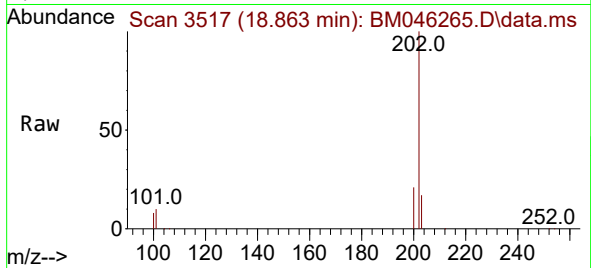




#19
Fluoranthene
Concen: 4.897 ng/ul
RT: 18.863 min Scan# 317
Delta R.T. -0.055 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

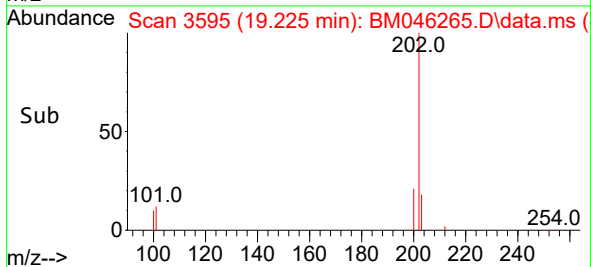
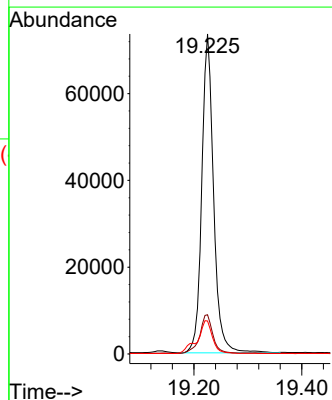
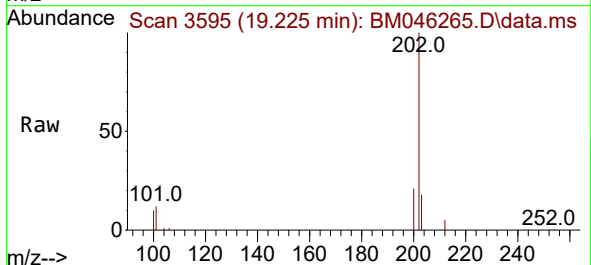
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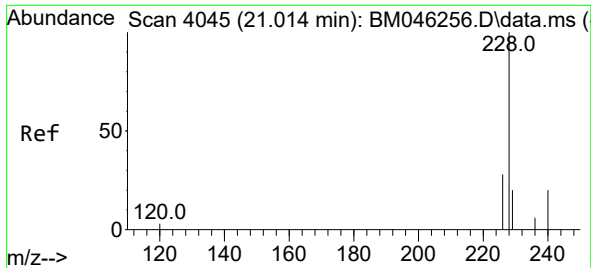
Tgt Ion:202 Resp: 151652
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.2 7.6 11.4



#20
Pyrene
Concen: 3.338 ng/ul
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

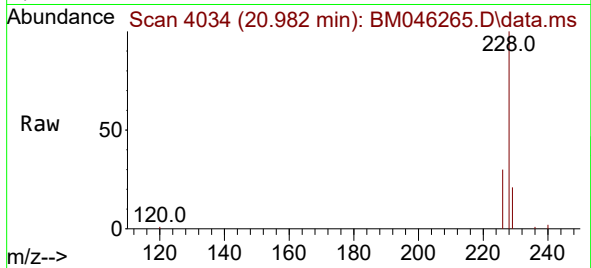
Tgt Ion:202 Resp: 111816
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.3 9.8 14.6



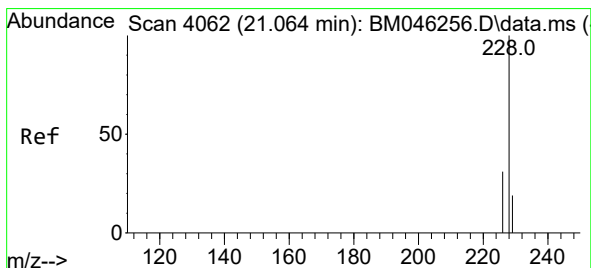
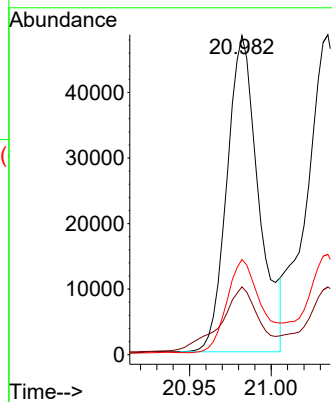
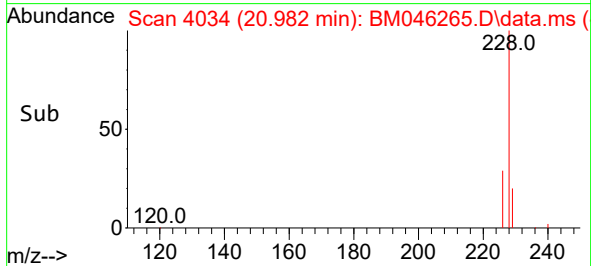


#21
Benzo(a)anthracene
Concen: 2.356 ng/ul
RT: 20.982 min Scan# 4034
Delta R.T. -0.047 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Instrument :
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A4C76DL

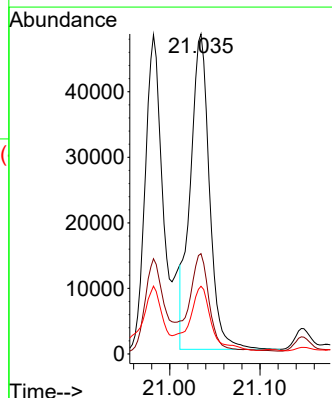
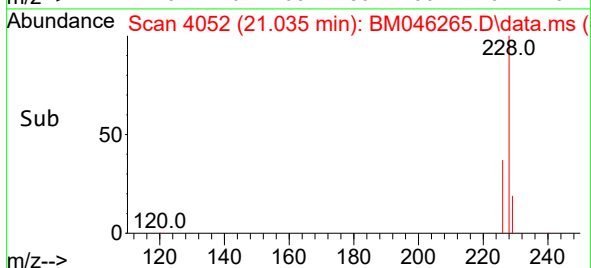
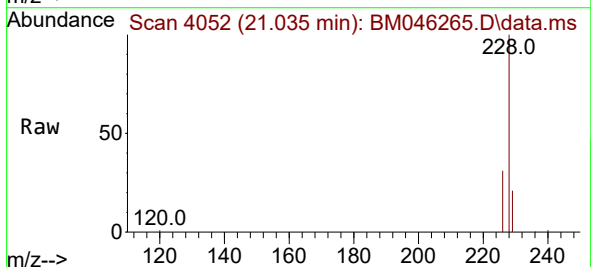


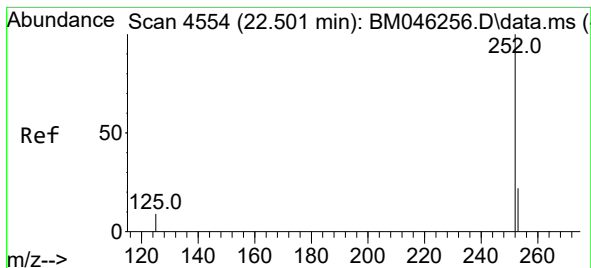
Tgt Ion:228 Resp: 65084
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 29.8 23.4 35.2



#22
Chrysene
Concen: 2.006 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:228 Resp: 70747
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.2 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 4.616 ng/ul

RT: 22.472 min Scan# 4544

Delta R.T. -0.047 min

Lab File: BM046265.D

Acq: 24 Jun 2024 22:22

Instrument :

BNA_M

ClientSampleId :

A4C76DL

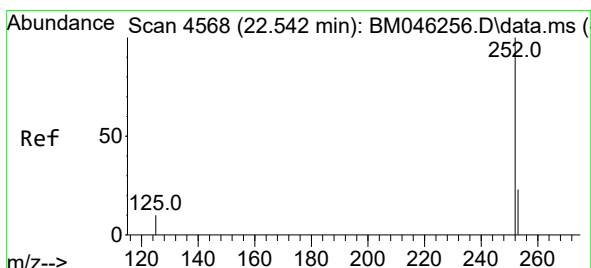
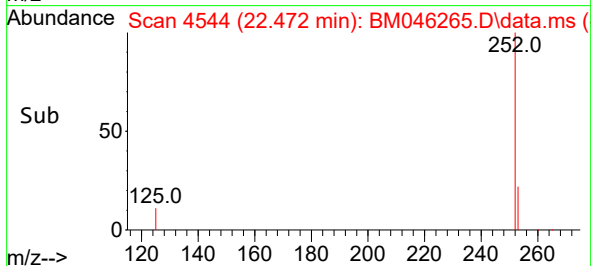
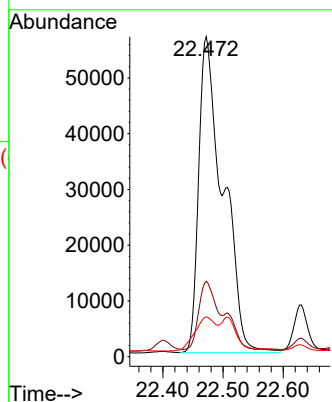
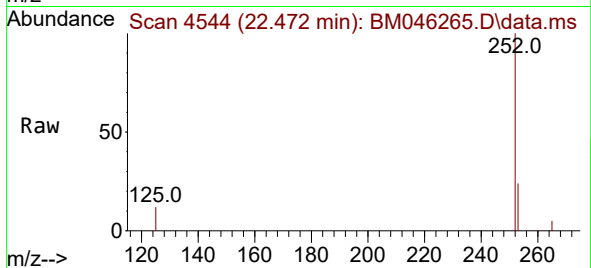
Tgt Ion:252 Resp: 158699

Ion Ratio Lower Upper

252 100

253 23.6 0.0 65.8

125 12.5 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 0.294 ng/ul

RT: 22.627 min Scan# 4597

Delta R.T. 0.064 min

Lab File: BM046265.D

Acq: 24 Jun 2024 22:22

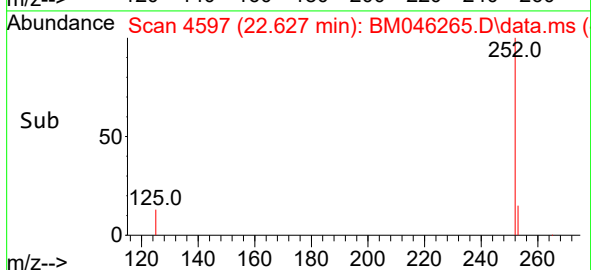
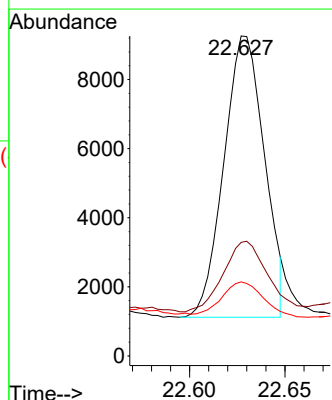
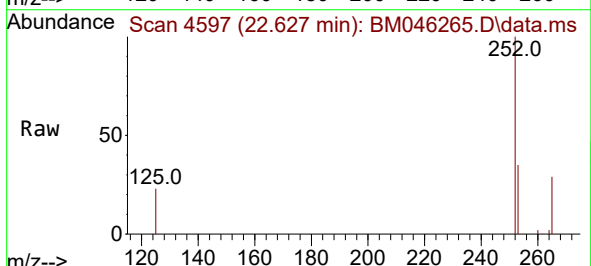
Tgt Ion:252 Resp: 12025

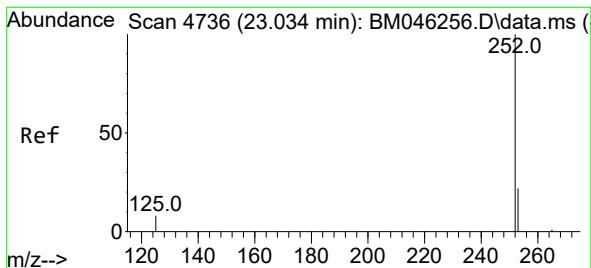
Ion Ratio Lower Upper

252 100

253 35.5 27.2 40.8

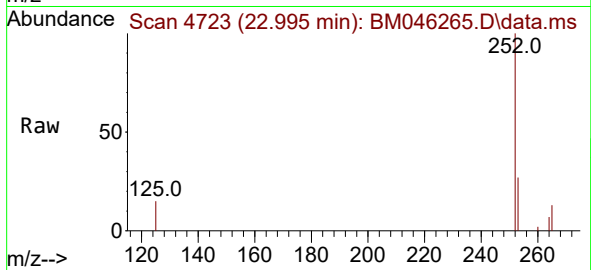
125 23.2 16.6 25.0



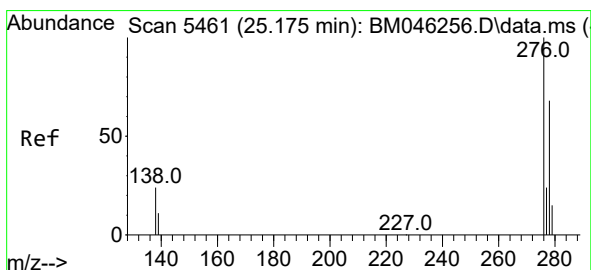
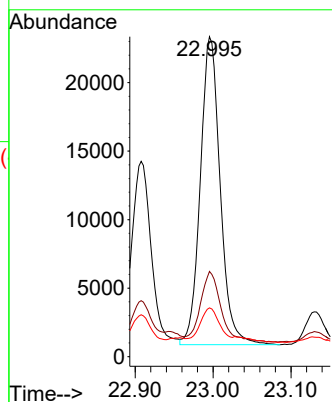


#26
Benzo(a)pyrene
Concen: 1.251 ng/ul
RT: 22.995 min Scan# 41
Delta R.T. -0.059 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Instrument :
BNA_M
ClientSampleId :
A4C76DL

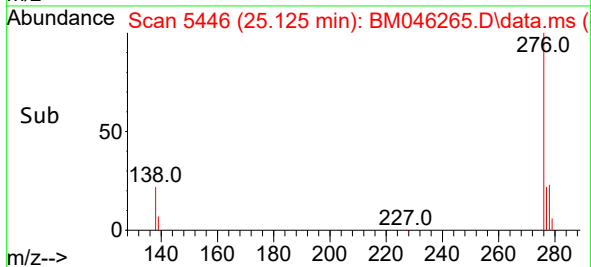
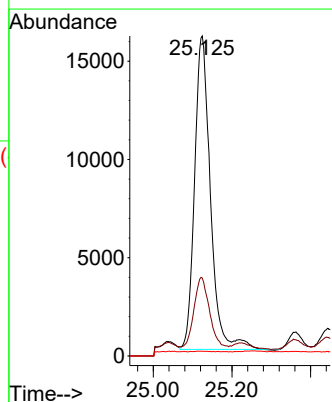
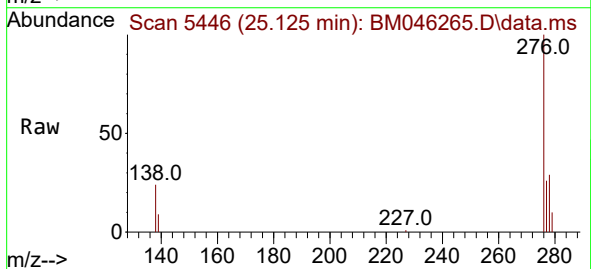


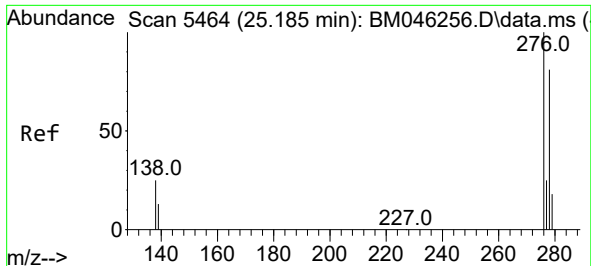
Tgt Ion:252 Resp: 39857
Ion Ratio Lower Upper
252 100
253 26.6 32.1 48.1#
125 15.3 21.2 31.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.855 ng/ul
RT: 25.125 min Scan# 5446
Delta R.T. -0.078 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:276 Resp: 44564
Ion Ratio Lower Upper
276 100
138 28.6 21.0 31.4
227 0.0 0.0 0.0

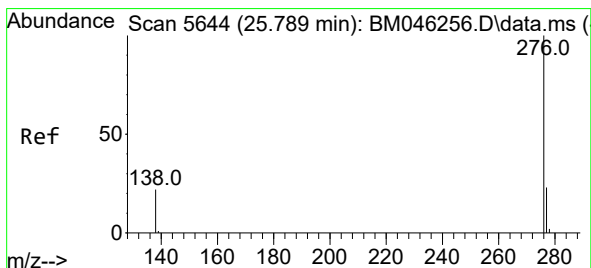
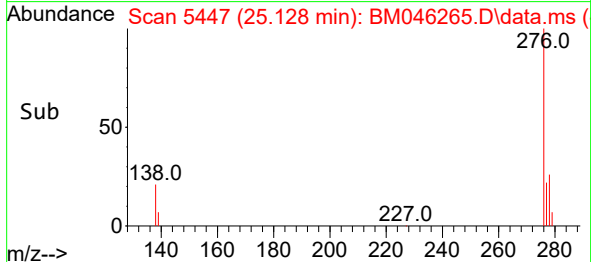
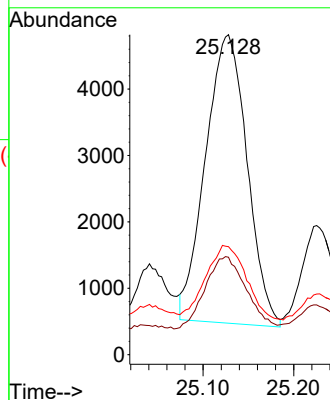
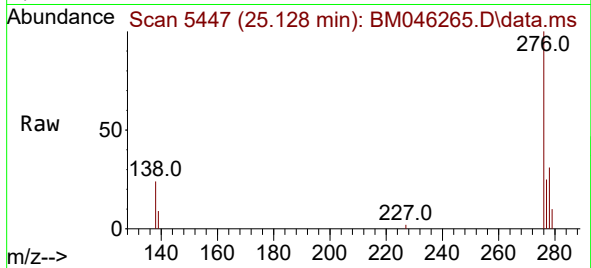




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.128 min Scan# 54
Delta R.T. -0.088 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Instrument :
BNA_M
ClientSampleId :
A4C76DL

Tgt Ion:278 Resp: 13850
Ion Ratio Lower Upper
278 100
139 30.4 17.6 26.4#
279 33.8 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 25.748 min Scan# 5632
Delta R.T. -0.081 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:276 Resp: 6793
Ion Ratio Lower Upper
276 100
138 32.8 21.7 32.5#
277 32.5 20.4 30.6#

