

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046227.D
 Acq On : 23 Jun 2024 10:11
 Operator : MA/JU
 Sample : P2776-22
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:29:24 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)

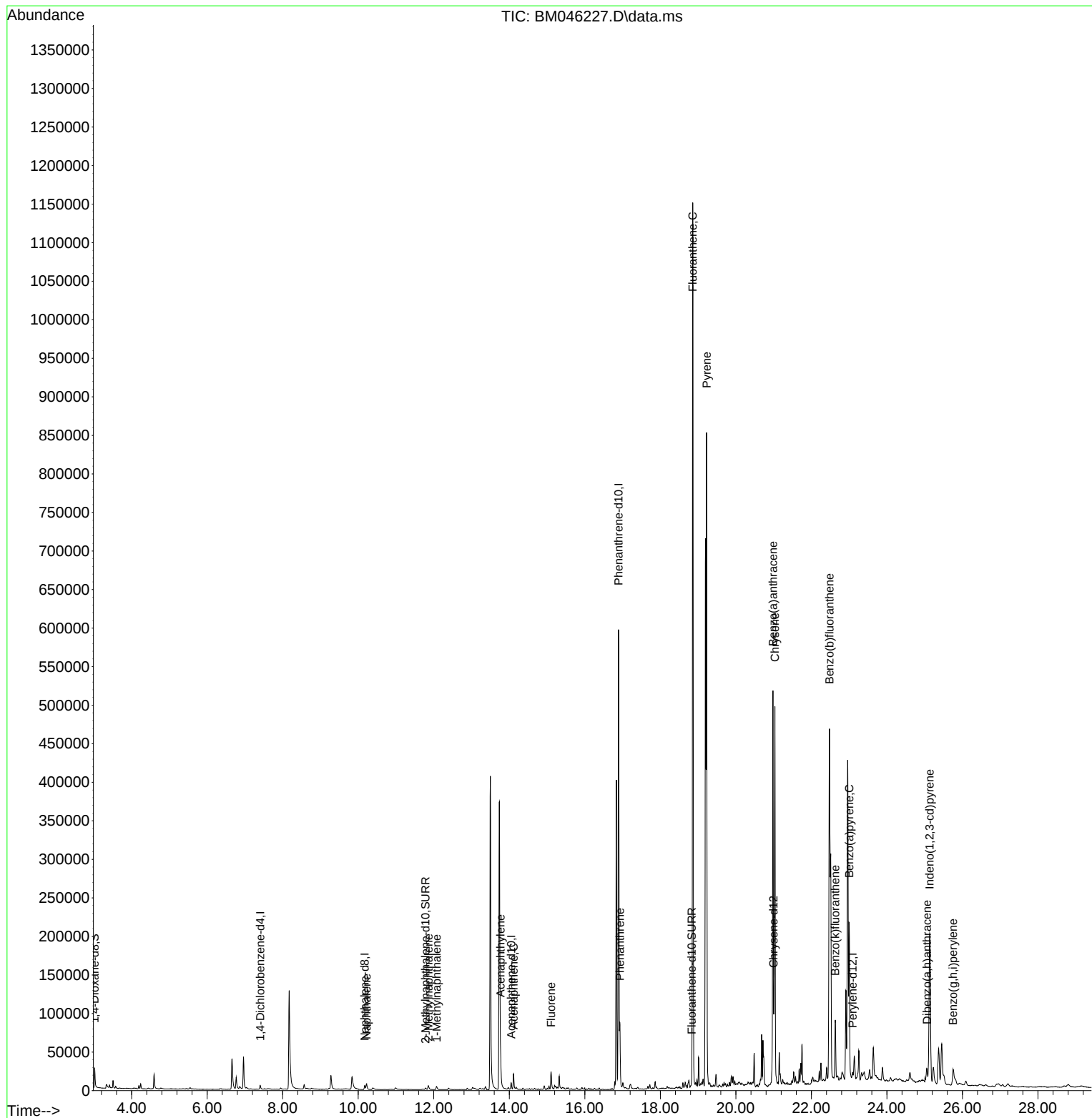
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2718	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8527	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4909	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.892	188	667814	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.000	240	6444	0.400	ng/ul	-0.04
23) Perylene-d12	23.089	264	10217	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	14485	3.884	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.783	152	3903	0.341	ng/ul	-0.08
18) Fluoranthene-d10	18.830	212	9342	0.484	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.222	128	12989	0.546	ng/ul	95
7) 2-Methylnaphthalene	11.860	142	5254	0.393	ng/ul	96
8) 1-Methylnaphthalene	12.075	142	4142	0.282	ng/ul	99
10) Acenaphthylene	13.767	152	47552	2.042	ng/ul	97
11) Acenaphthene	14.114	153	13148	0.782	ng/ul	98
12) Fluorene	15.108	166	16924	0.938	ng/ul	99
15) Phenanthrene	16.930	178	81862	0.044	ng/ul	96
19) Fluoranthene	18.858	202	984903	35.299	ng/ul	97
20) Pyrene	19.225	202	685406	22.715	ng/ul#	94
21) Benzo(a)anthracene	20.982	228	414762	16.663	ng/ul	99
22) Chrysene	21.035	228	471582	14.846	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	950285	25.816	ng/ul	82
25) Benzo(k)fluoranthene	22.633	252	81823	1.870	ng/ul	95
26) Benzo(a)pyrene	23.001	252	247828	7.266	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.132	276	270366	4.843	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.058	278	15061	0.362	ng/ul	91
29) Benzo(g,h,i)perylene	25.752	276	42490	0.888	ng/ul	97

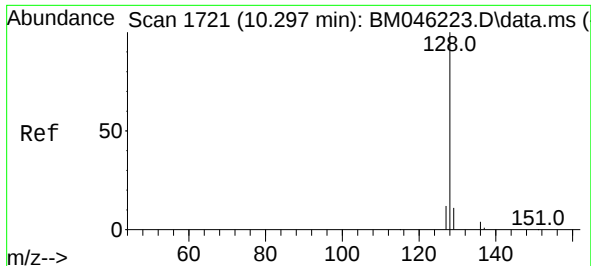
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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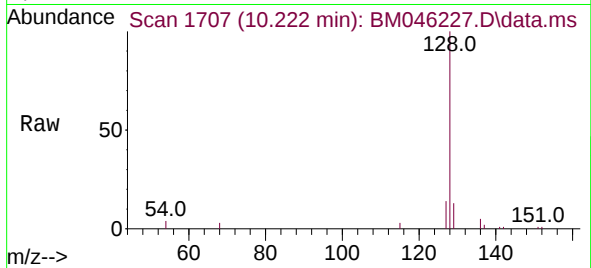
Quant Time: Jun 24 02:29:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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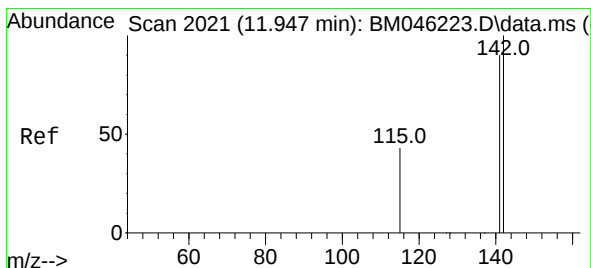
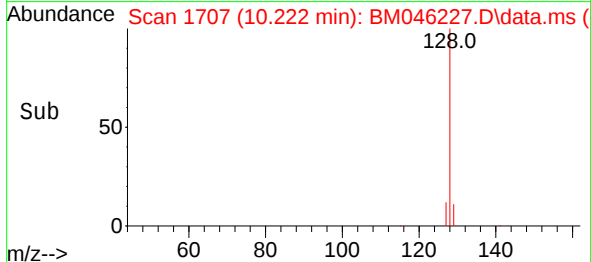
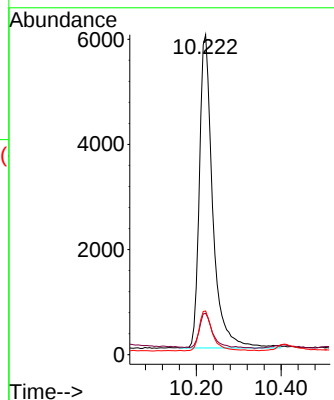


#5
Naphthalene
Concen: 0.546 ng/ul
RT: 10.222 min Scan# 1
Delta R.T. -0.081 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Instrument :
BNA_M
ClientSampleId :

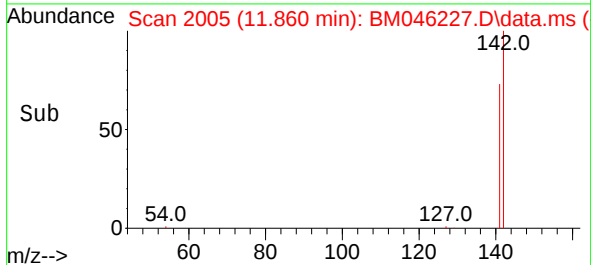
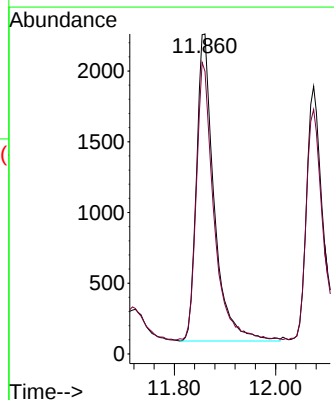
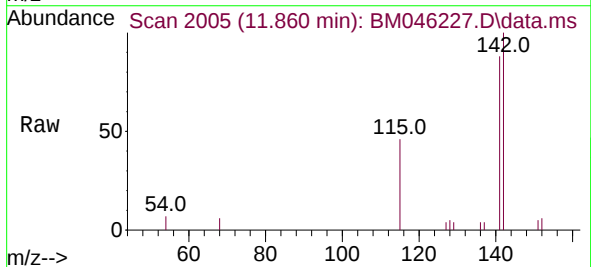


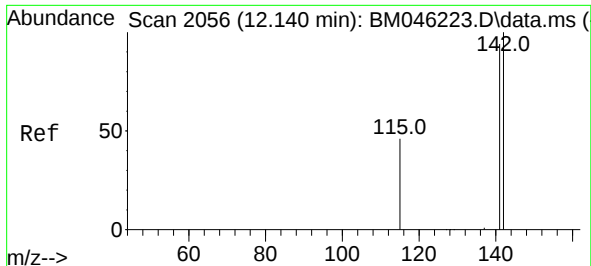
Tgt Ion:128 Resp: 12989
Ion Ratio Lower Upper
128 100
129 12.9 11.8 17.6
127 13.7 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 11.860 min Scan# 2005
Delta R.T. -0.087 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

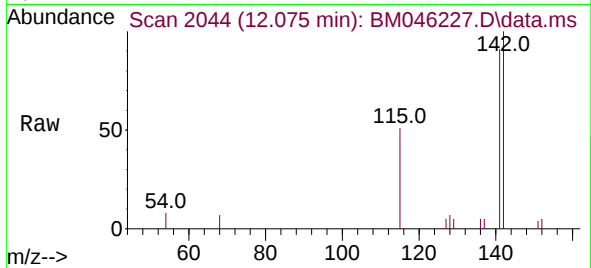
Tgt Ion:142 Resp: 5254
Ion Ratio Lower Upper
142 100
141 89.6 74.6 111.8



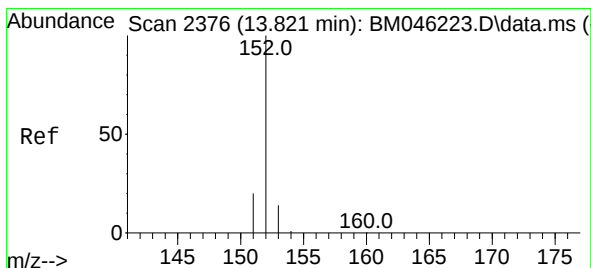
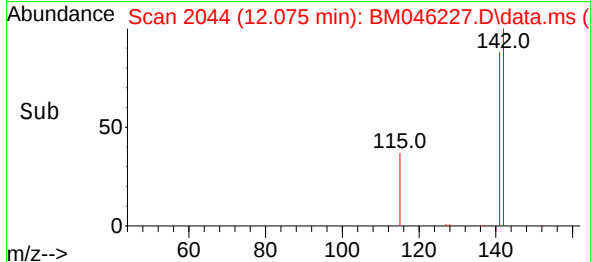
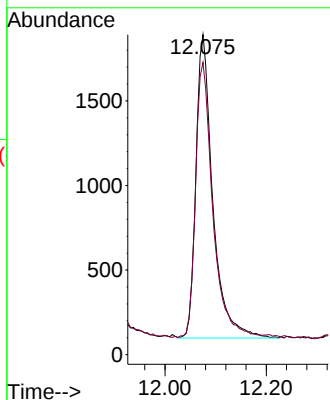


#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.075 min Scan# 2056
Delta R.T. -0.076 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Instrument :
BNA_M
ClientSampleId :

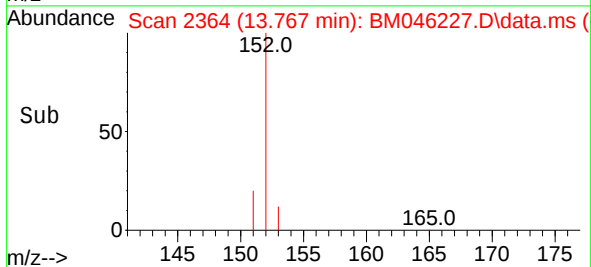
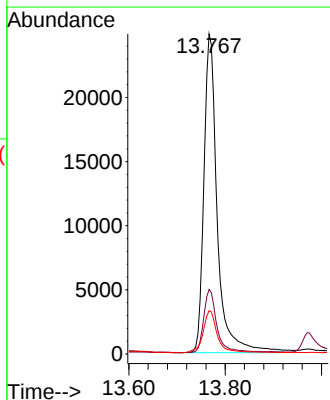
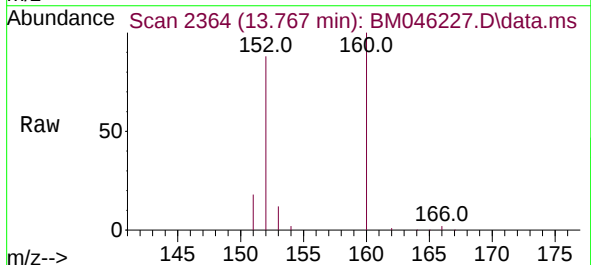


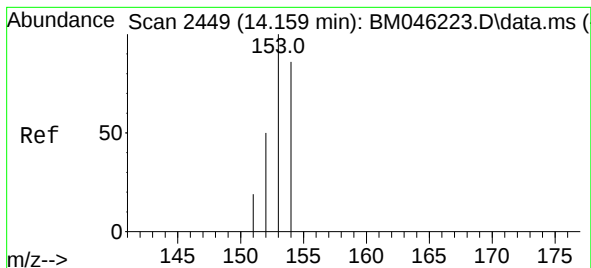
Tgt Ion:142 Resp: 4142
Ion Ratio Lower Upper
142 100
141 93.0 75.2 112.8



#10
Acenaphthylene
Concen: 2.042 ng/ul
RT: 13.767 min Scan# 2364
Delta R.T. -0.068 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Tgt Ion:152 Resp: 47552
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2
153 13.6 11.8 17.8





#11

Acenaphthene

Concen: 0.782 ng/ul

RT: 14.114 min Scan# 2449

Delta R.T. -0.059 min

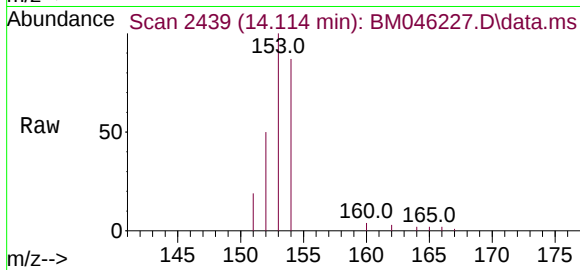
Lab File: BM046227.D

Acq: 23 Jun 2024 10:11

Instrument :

BNA_M

ClientSampleId :



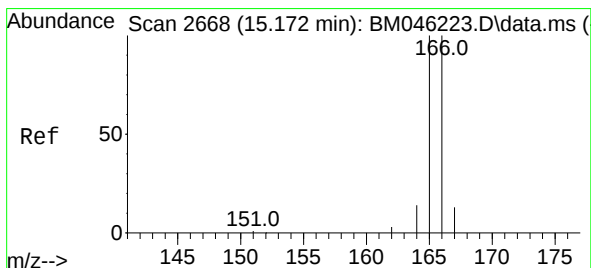
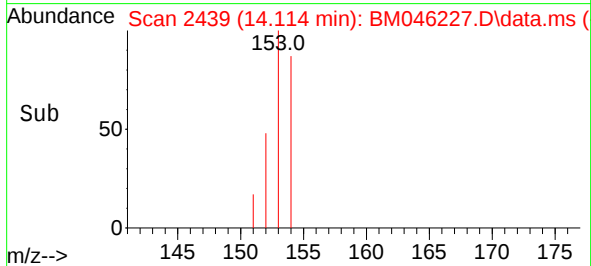
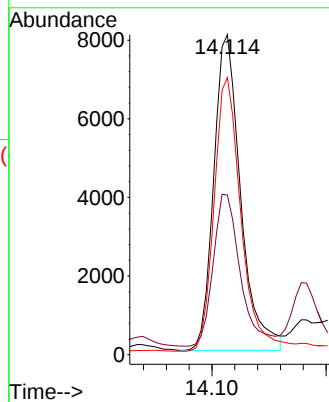
Tgt Ion:153 Resp: 13148

Ion Ratio Lower Upper

153 100

152 49.8 41.3 61.9

154 86.6 68.2 102.4



#12

Fluorene

Concen: 0.938 ng/ul

RT: 15.108 min Scan# 2654

Delta R.T. -0.073 min

Lab File: BM046227.D

Acq: 23 Jun 2024 10:11

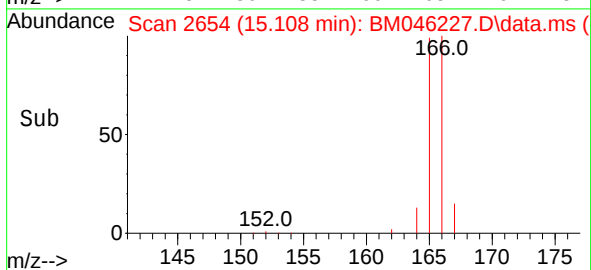
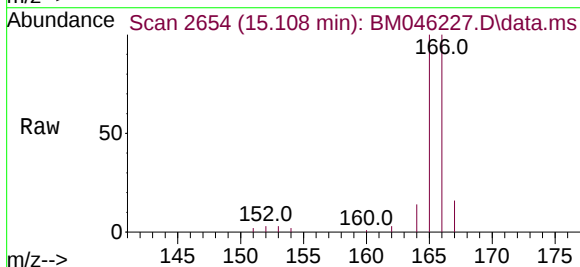
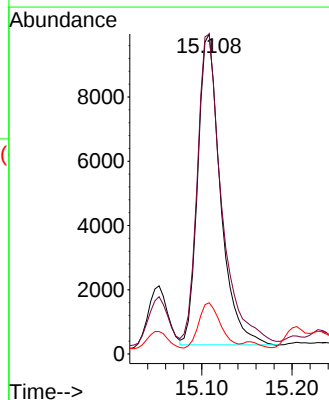
Tgt Ion:166 Resp: 16924

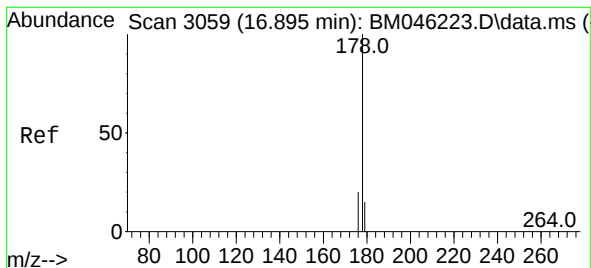
Ion Ratio Lower Upper

166 100

165 99.9 80.4 120.6

167 16.0 12.4 18.6





#15

Phenanthrene

Concen: 0.044 ng/ul

RT: 16.930 min Scan# 3059

Delta R.T. 0.027 min

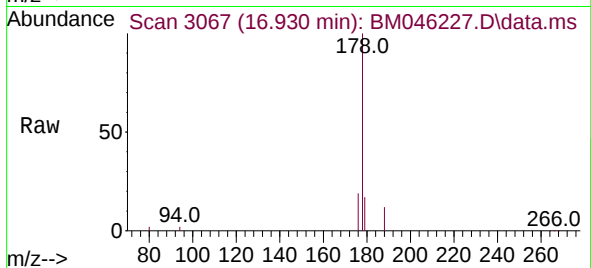
Lab File: BM046227.D

Acq: 23 Jun 2024 10:11

Instrument :

BNA_M

ClientSampleId :



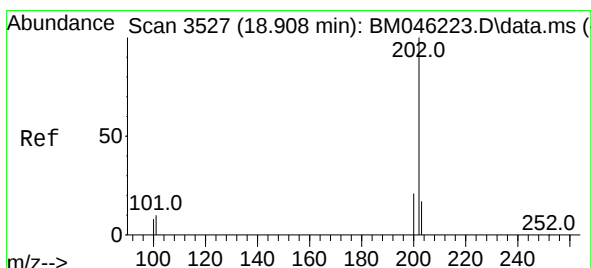
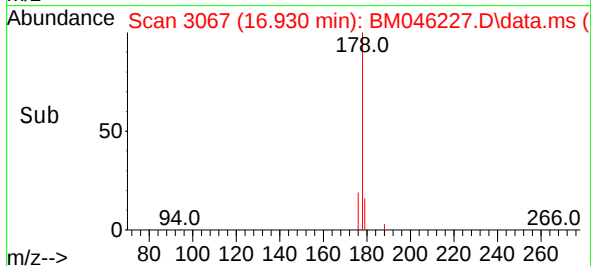
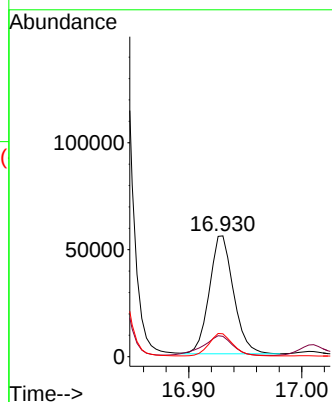
Tgt Ion:178 Resp: 81862

Ion Ratio Lower Upper

178 100

179 16.9 14.2 21.2

176 18.9 17.1 25.7



#19

Fluoranthene

Concen: 35.299 ng/ul

RT: 18.858 min Scan# 3516

Delta R.T. -0.059 min

Lab File: BM046227.D

Acq: 23 Jun 2024 10:11

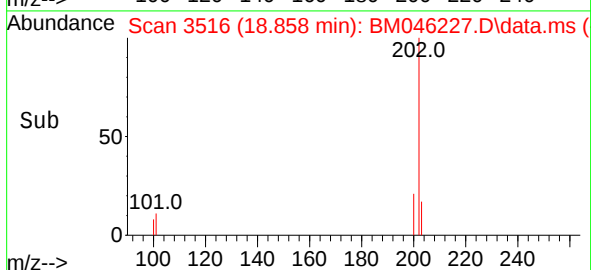
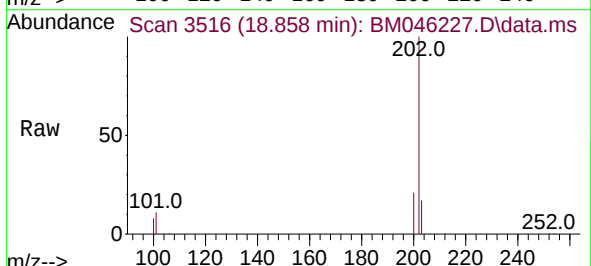
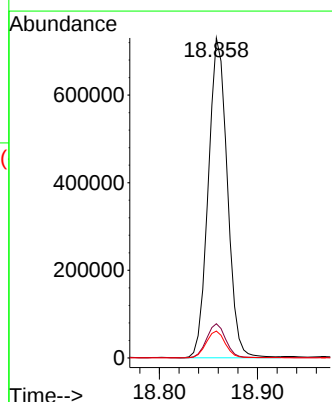
Tgt Ion:202 Resp: 984903

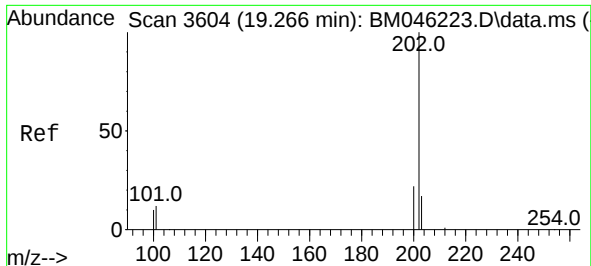
Ion Ratio Lower Upper

202 100

101 10.7 9.6 14.4

100 8.4 7.6 11.4

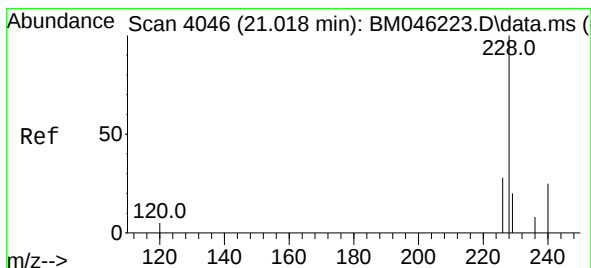
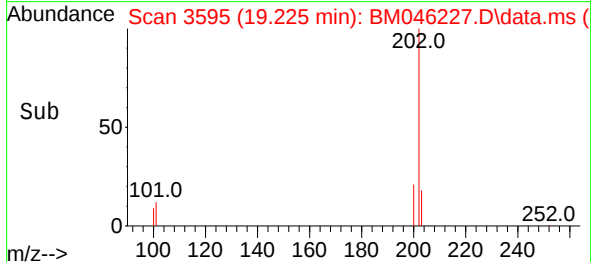
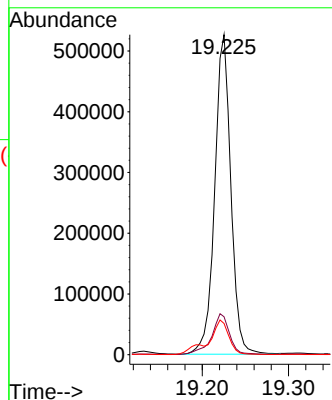
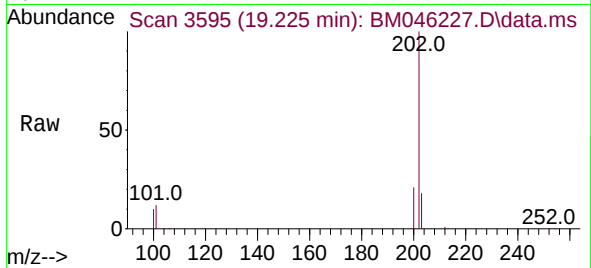




#20
Pyrene
Concen: 22.715 ng/ul
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

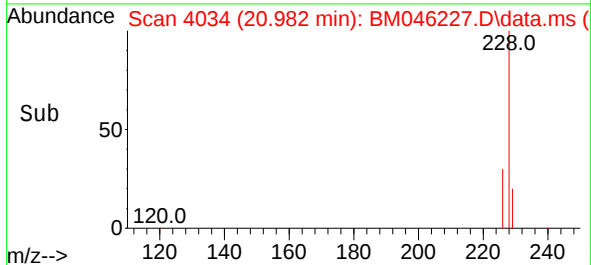
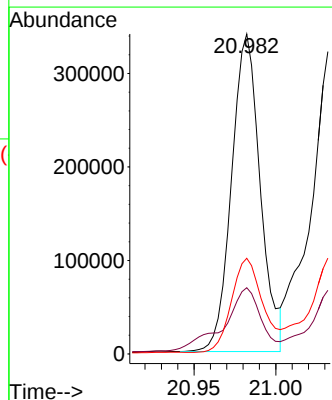
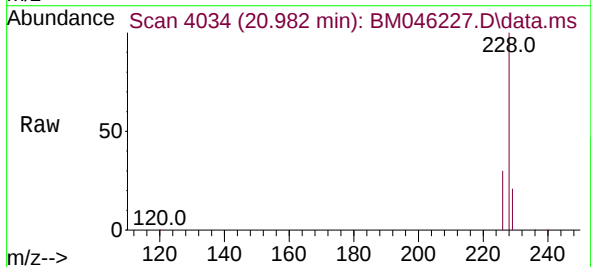
Instrument :
BNA_M
ClientSampleId :

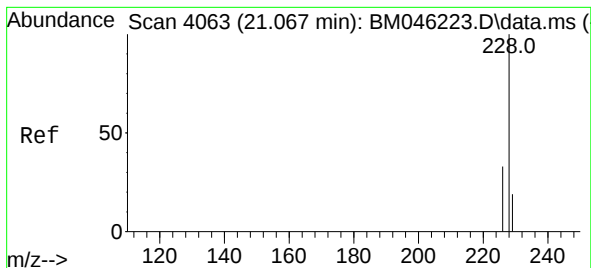
Tgt Ion:202 Resp: 685406
Ion Ratio Lower Upper
202 100
101 11.8 11.3 16.9
100 9.7 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 16.663 ng/ul
RT: 20.982 min Scan# 4034
Delta R.T. -0.047 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Tgt Ion:228 Resp: 414762
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 29.9 23.4 35.2





#22

Chrysene

Concen: 14.846 ng/ul

RT: 21.035 min Scan# 4063

Delta R.T. -0.041 min

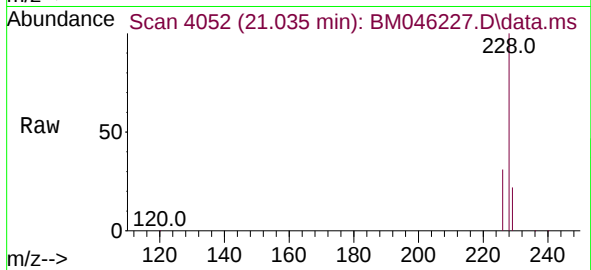
Lab File: BM046227.D

Acq: 23 Jun 2024 10:11

Instrument :

BNA_M

ClientSampleId :



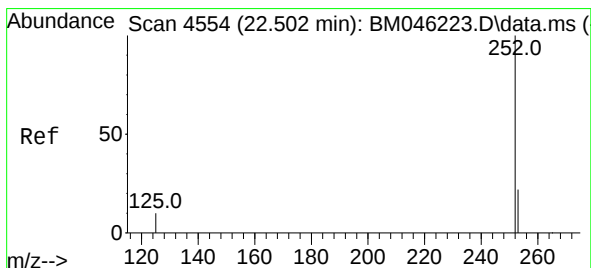
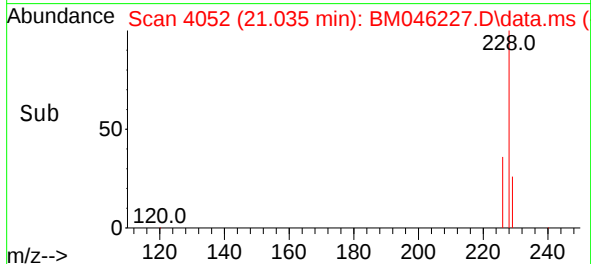
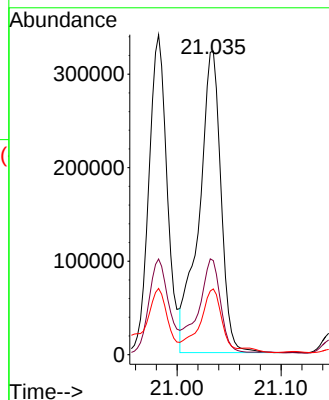
Tgt Ion:228 Resp: 471582

Ion Ratio Lower Upper

228 100

226 31.0 25.2 37.8

229 21.7 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 25.816 ng/ul

RT: 22.478 min Scan# 4546

Delta R.T. -0.041 min

Lab File: BM046227.D

Acq: 23 Jun 2024 10:11

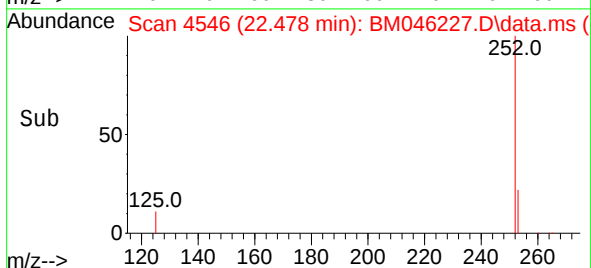
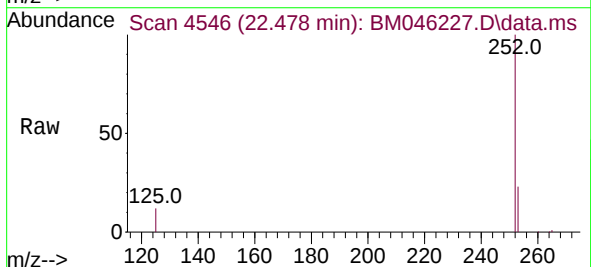
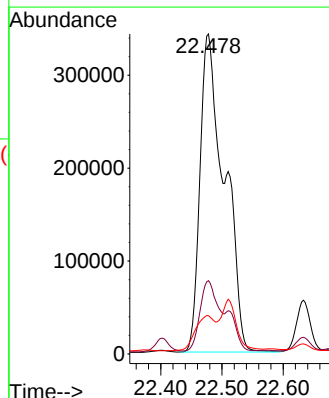
Tgt Ion:252 Resp: 950285

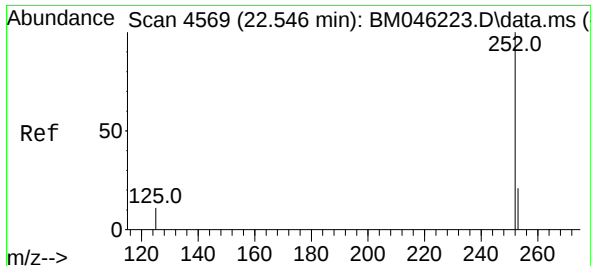
Ion Ratio Lower Upper

252 100

253 22.9 0.0 65.8

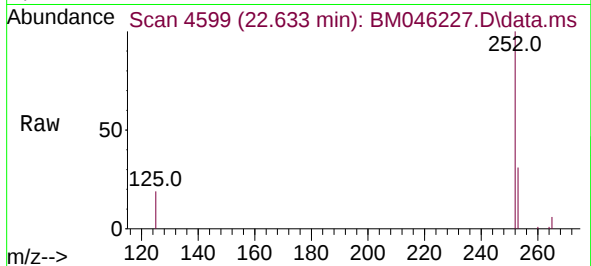
125 11.9 0.0 40.2



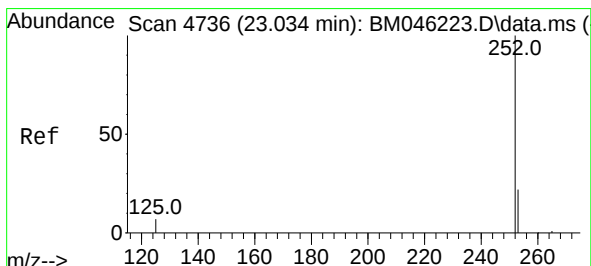
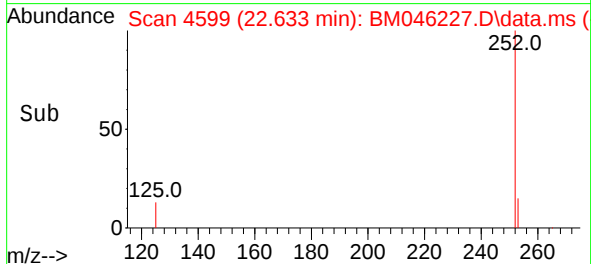
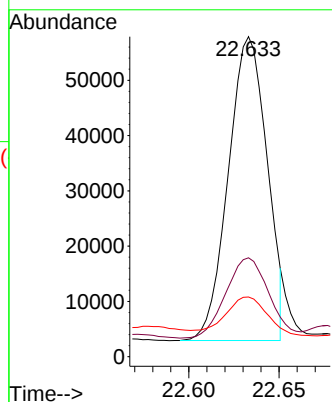


#25
Benzo(k)fluoranthene
Concen: 1.870 ng/ul
RT: 22.633 min Scan# 4569
Delta R.T. 0.070 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Instrument :
BNA_M
ClientSampleId :

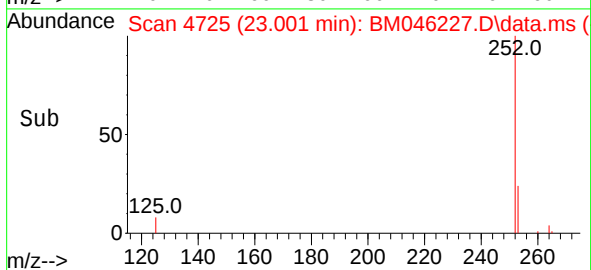
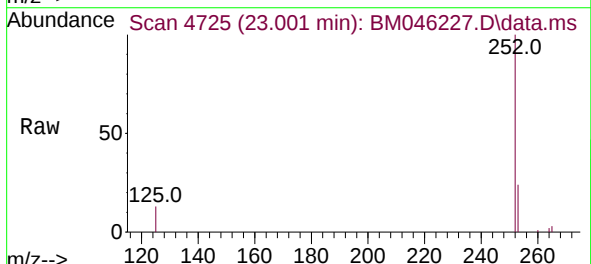
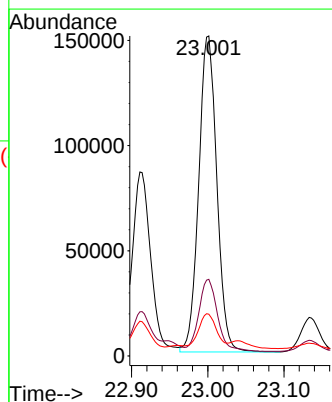


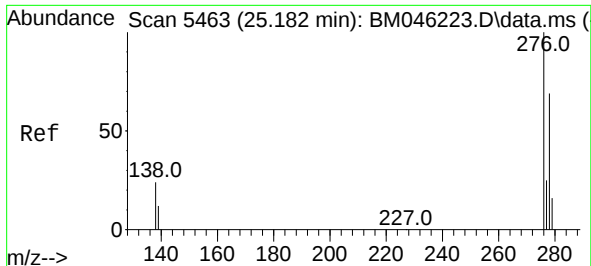
Tgt Ion:252 Resp: 81823
Ion Ratio Lower Upper
252 100
253 30.9 27.2 40.8
125 18.6 16.6 25.0



#26
Benzo(a)pyrene
Concen: 7.266 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

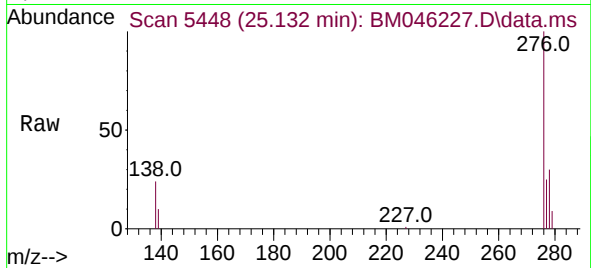
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Ion Ratio Lower Upper
252 100
253 24.0 32.1 48.1#
125 13.0 21.2 31.8#



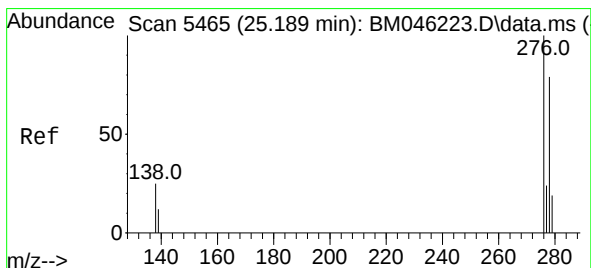
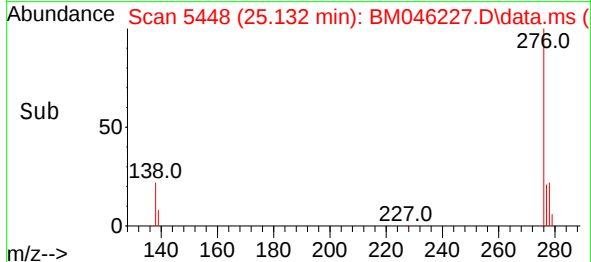
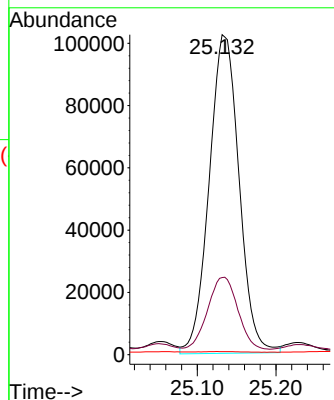


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.843 ng/ul
RT: 25.132 min Scan# 5448
Delta R.T. -0.071 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Instrument :
BNA_M
ClientSampleId :

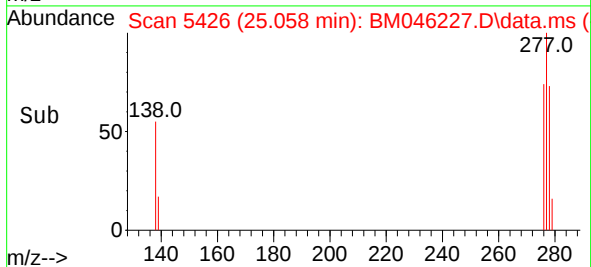
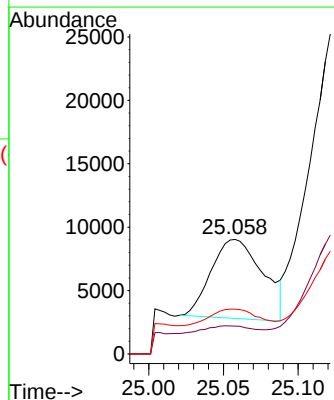
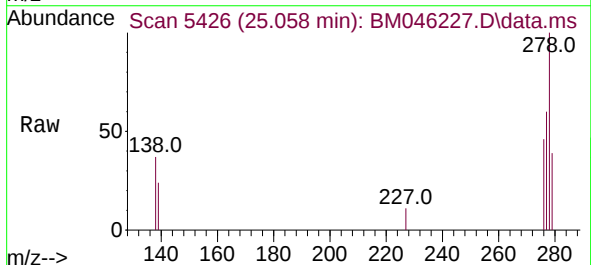


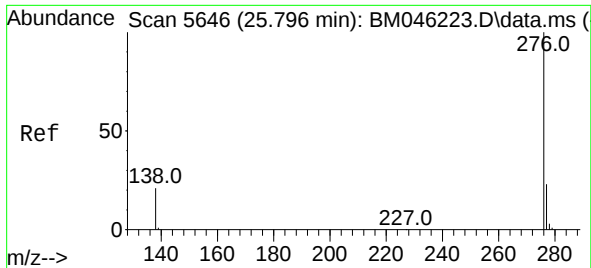
Tgt Ion:276 Resp: 270366
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 25.058 min Scan# 5426
Delta R.T. -0.158 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

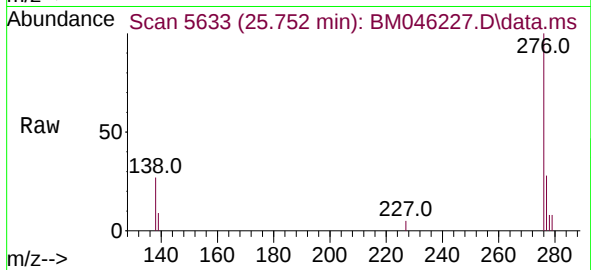
Tgt Ion:278 Resp: 15061
Ion Ratio Lower Upper
278 100
139 24.3 17.6 26.4
279 39.1 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.888 ng/ul
RT: 25.752 min Scan# 5
Delta R.T. -0.078 min
Lab File: BM046227.D
Acq: 23 Jun 2024 10:11

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 42490
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 28.3 20.4 30.6

