

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046843.D
 Acq On : 26 Jul 2024 22:48
 Operator : MA/JU
 Sample : P3263-18DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK8DL

Quant Time: Jul 27 00:08:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

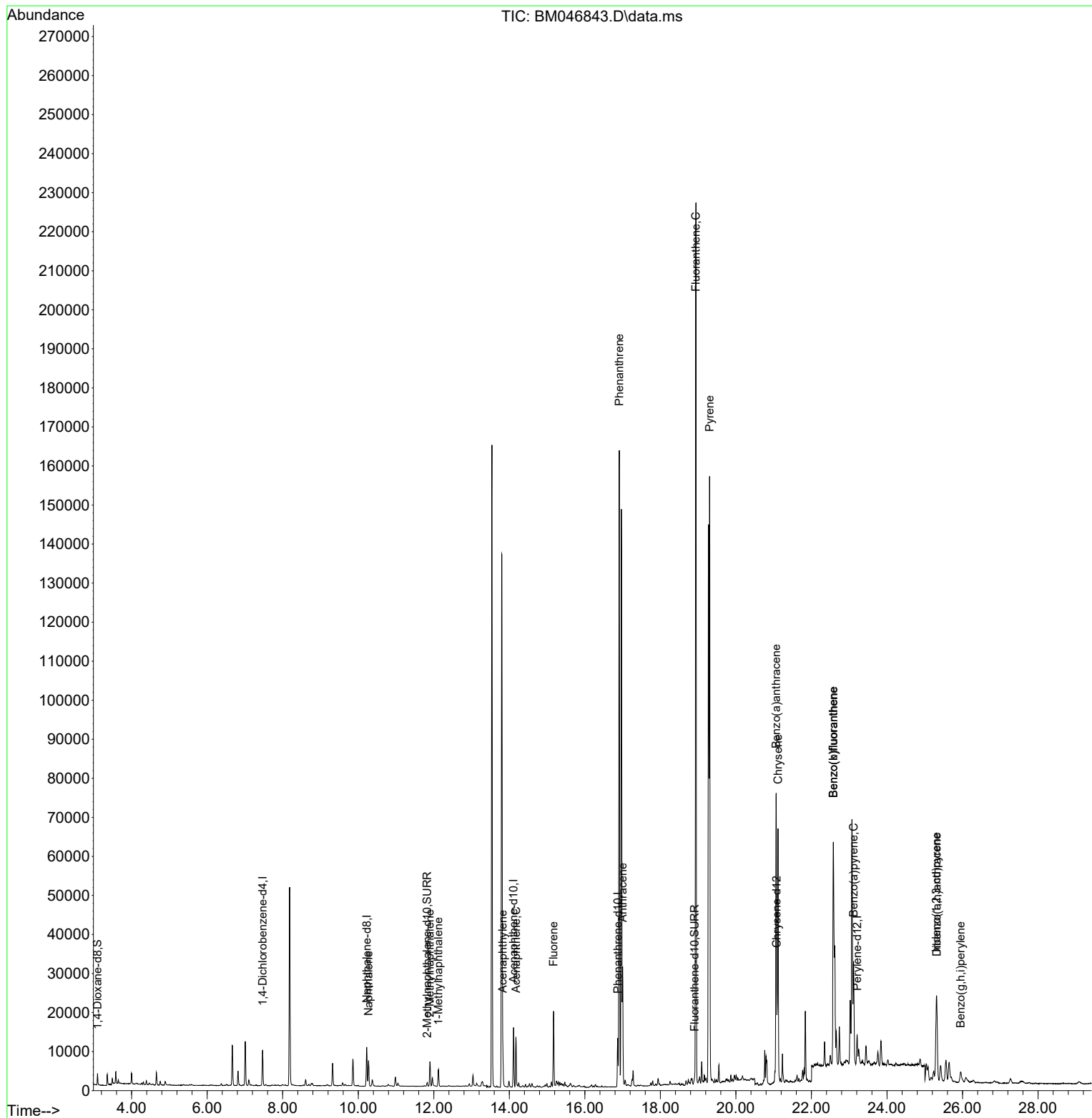
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	4498	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	13562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.112	164	7776	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	14768	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	7039	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	7952	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	1643	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	1271	0.059	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	1980	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	8467	0.247	ng/ul	99
7) 2-Methylnaphthalene	11.898	142	4403	0.187	ng/ul	98
8) 1-Methylnaphthalene	12.123	142	2976	0.122	ng/ul	100
10) Acenaphthylene	13.825	152	9421	0.265	ng/ul	98
11) Acenaphthene	14.177	153	7304	0.302	ng/ul	99
12) Fluorene	15.172	166	11979	0.396	ng/ul	99
15) Phenanthrene	16.912	178	166059	3.912	ng/ul	97
16) Anthracene	17.001	178	29410	0.744	ng/ul	99
19) Fluoranthene	18.941	202	197303	6.382	ng/ul	99
20) Pyrene	19.303	202	134568	4.208	ng/ul	97
21) Benzo(a)anthracene	21.065	228	63896	2.178	ng/ul	99
22) Chrysene	21.114	228	63152	2.119	ng/ul	98
24) Benzo(b)fluoranthene	22.581	252	119544	3.424	ng/ul	94
25) Benzo(k)fluoranthene	22.581	252	119544	3.398	ng/ul#	91
26) Benzo(a)pyrene	23.116	252	35255	1.407	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.310	276	34566	0.896	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.320	278	10744	0.380	ng/ul#	86
29) Benzo(g,h,i)perylene	25.950	276	5946	0.175	ng/ul#	82

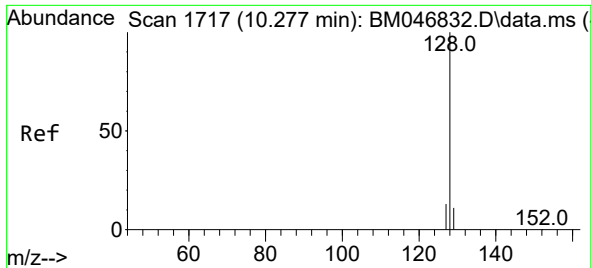
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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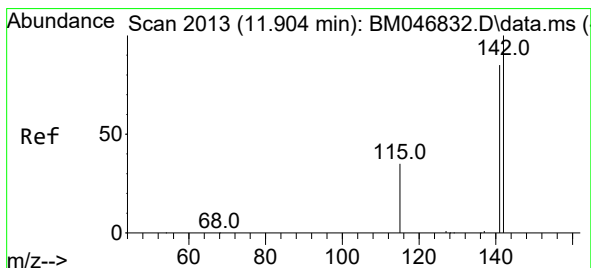
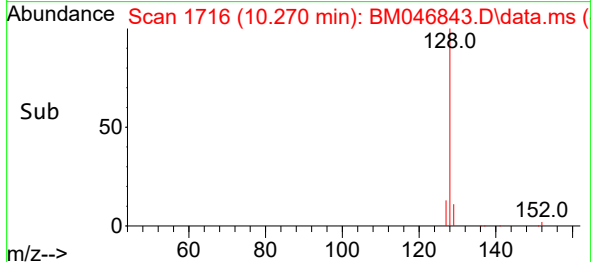
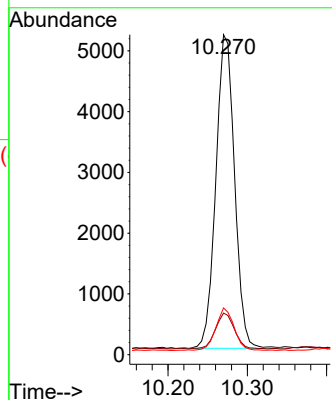
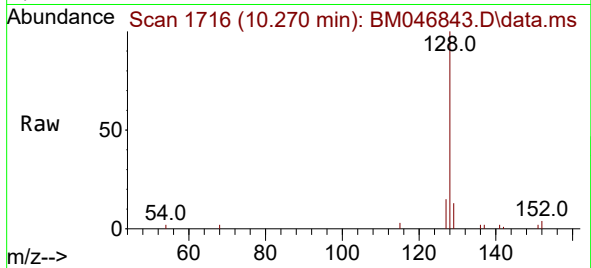




#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.270 min Scan# 11
Delta R.T. -0.007 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

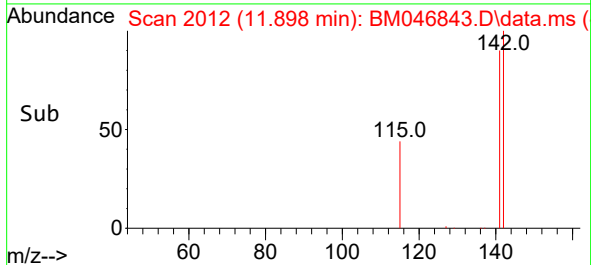
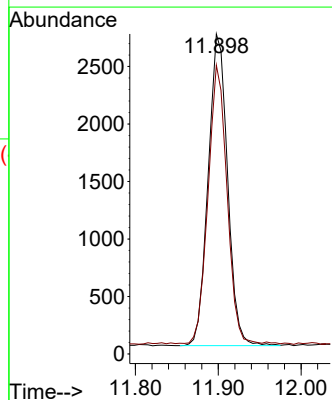
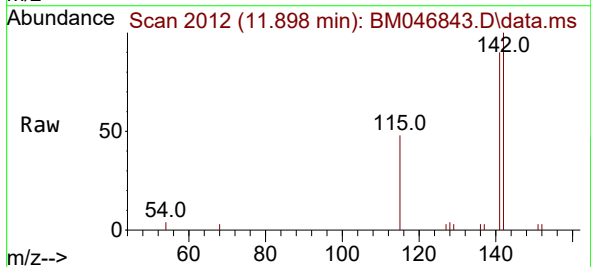
Instrument :
BNA_M
ClientSampleId :
A4CK8DL

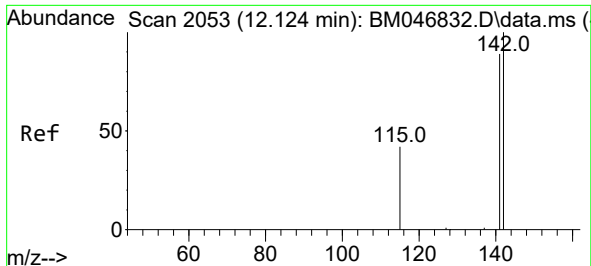
Tgt Ion:128 Resp: 8467
Ion Ratio Lower Upper
128 100
129 13.0 10.1 15.1
127 14.6 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.007 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Tgt Ion:142 Resp: 4403
Ion Ratio Lower Upper
142 100
141 86.6 70.5 105.7

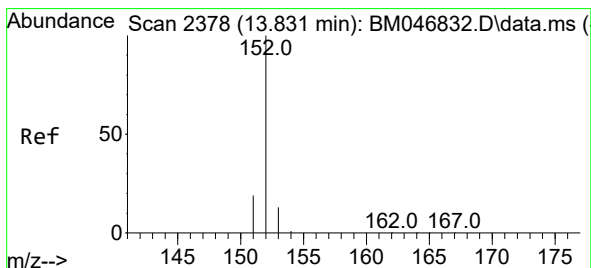
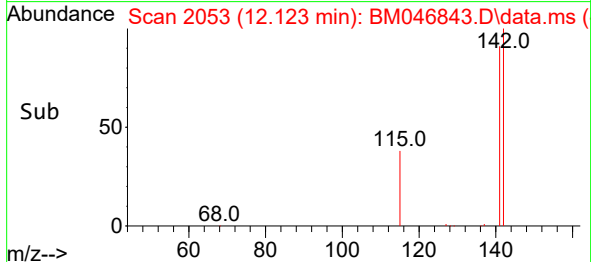
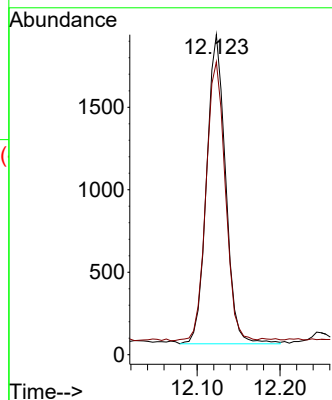
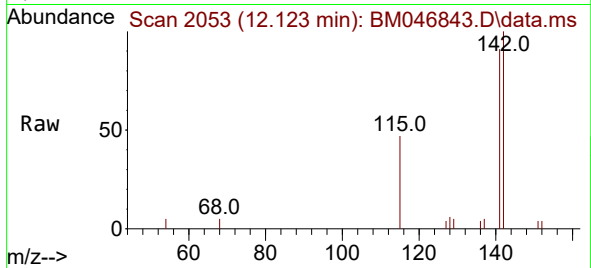




#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

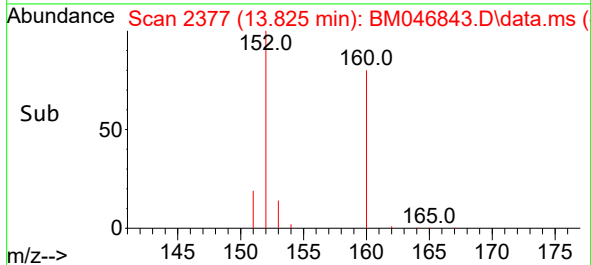
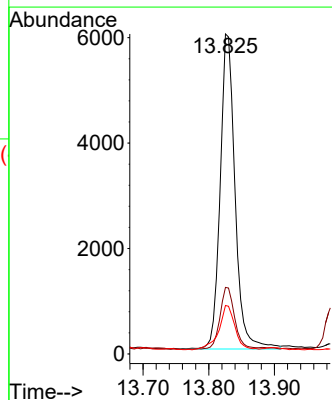
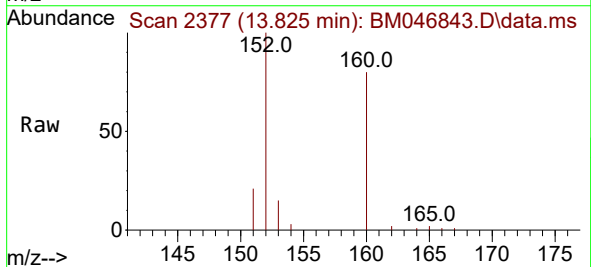
Instrument :
BNA_M
ClientSampleId :
A4CK8DL

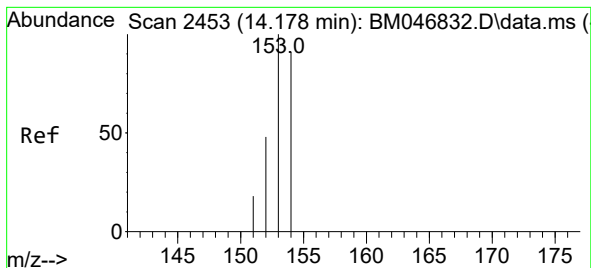
Tgt Ion:142 Resp: 2976
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7



#10
Acenaphthylene
Concen: 0.265 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Tgt Ion:152 Resp: 9421
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 15.1 11.0 16.6





#11

Acenaphthene

Concen: 0.302 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM046843.D

Acq: 26 Jul 2024 22:48

Instrument :

BNA_M

ClientSampleId :

A4CK8DL

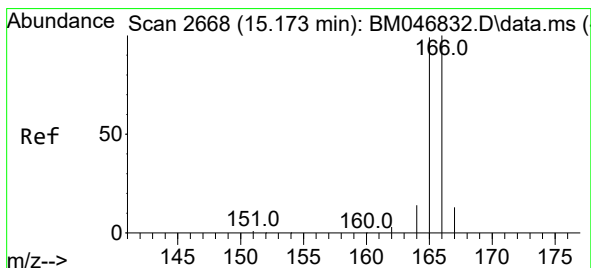
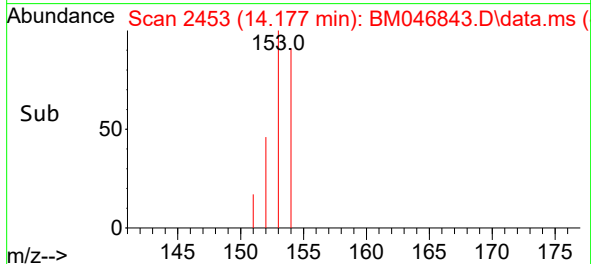
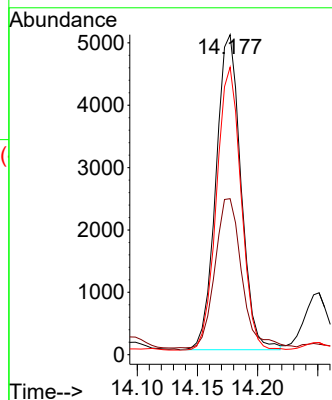
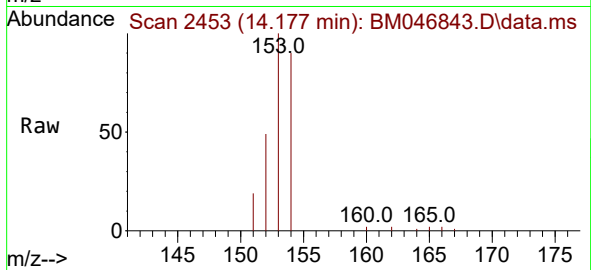
Tgt Ion:153 Resp: 7304

Ion Ratio Lower Upper

153 100

152 48.8 38.6 57.8

154 89.9 70.8 106.2



#12

Fluorene

Concen: 0.396 ng/ul

RT: 15.172 min Scan# 2668

Delta R.T. -0.006 min

Lab File: BM046843.D

Acq: 26 Jul 2024 22:48

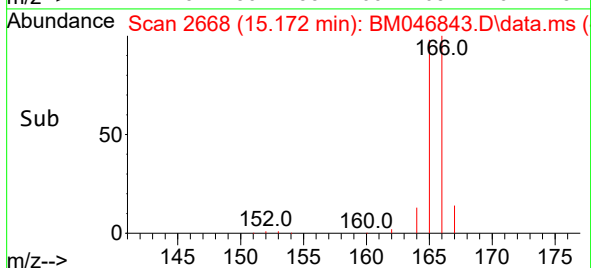
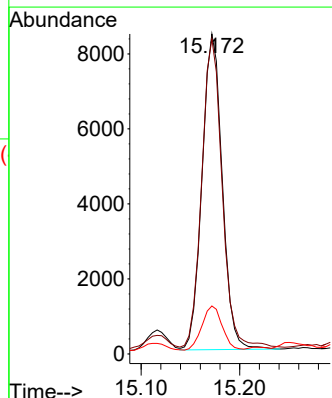
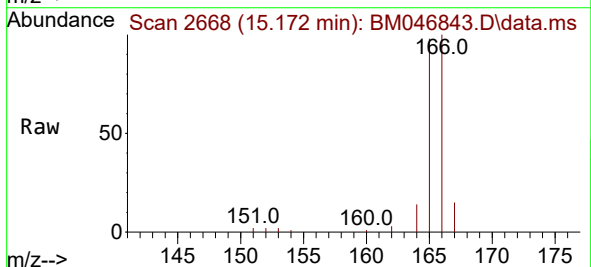
Tgt Ion:166 Resp: 11979

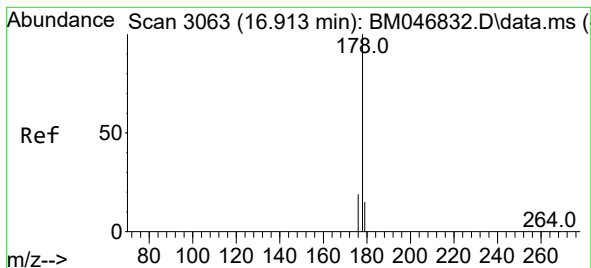
Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.6

167 15.0 12.3 18.5





#15

Phenanthrene

Concen: 3.912 ng/ul

RT: 16.912 min Scan# 3063

Delta R.T. -0.001 min

Lab File: BM046843.D

Acq: 26 Jul 2024 22:48

Instrument :

BNA_M

ClientSampleId :

A4CK8DL

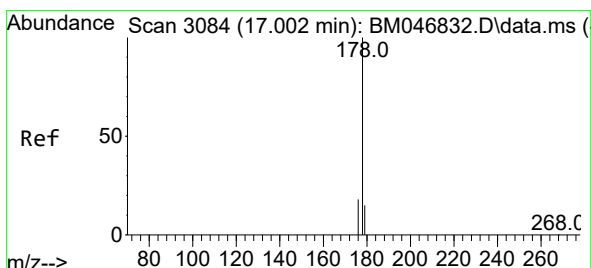
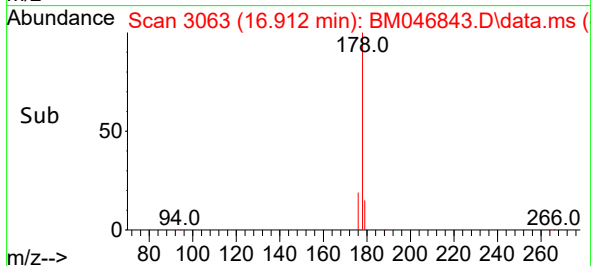
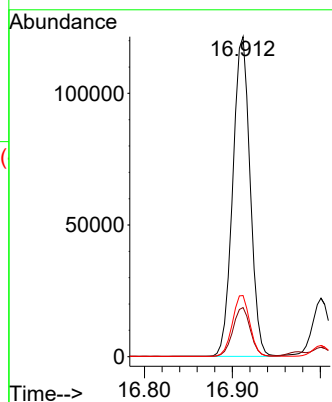
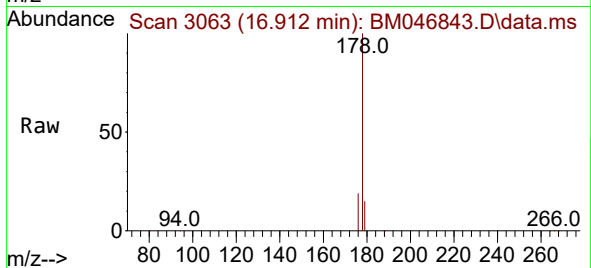
Tgt Ion:178 Resp: 166059

Ion Ratio Lower Upper

178 100

179 15.3 13.4 20.2

176 19.1 16.1 24.1



#16

Anthracene

Concen: 0.744 ng/ul

RT: 17.001 min Scan# 3084

Delta R.T. -0.005 min

Lab File: BM046843.D

Acq: 26 Jul 2024 22:48

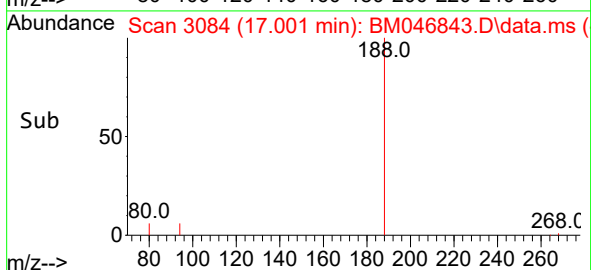
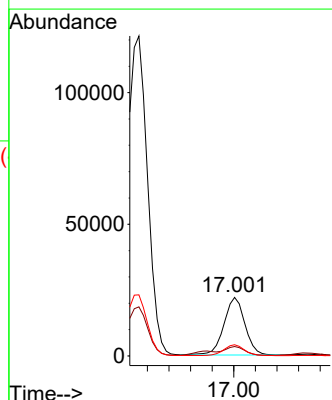
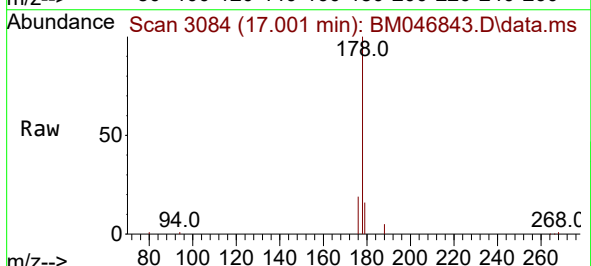
Tgt Ion:178 Resp: 29410

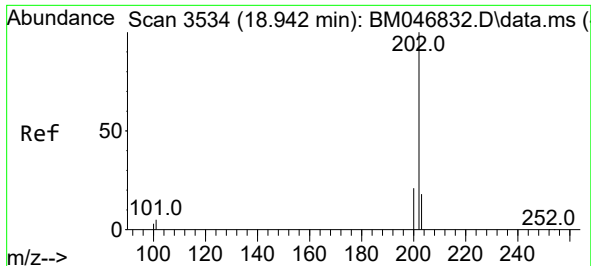
Ion Ratio Lower Upper

178 100

179 16.1 13.1 19.7

176 19.2 15.0 22.6

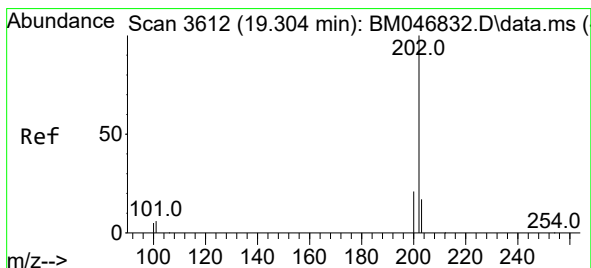
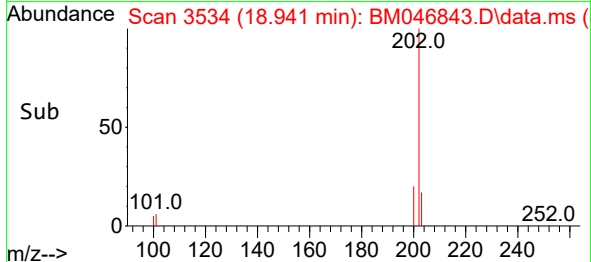
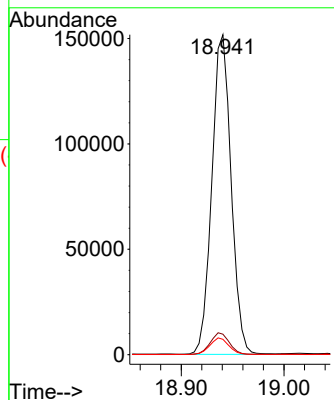
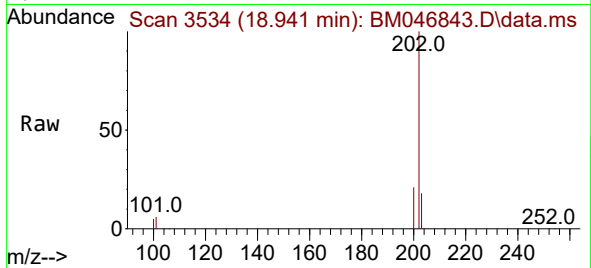




#19
Fluoranthene
Concen: 6.382 ng/ul
RT: 18.941 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

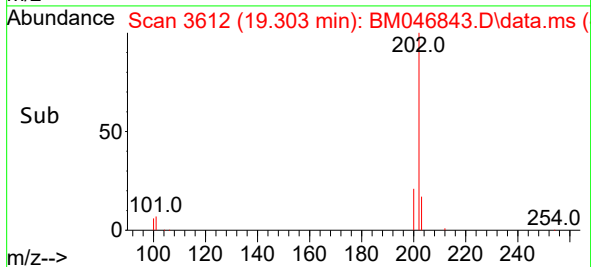
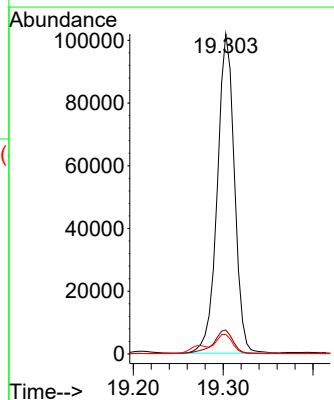
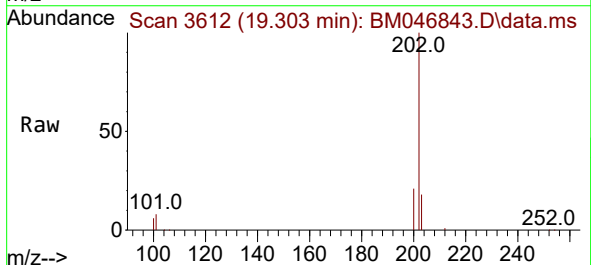
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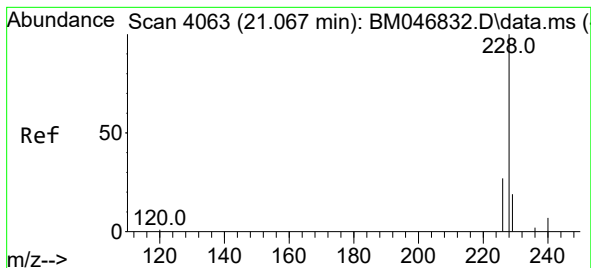
Tgt Ion:202 Resp: 197303
Ion Ratio Lower Upper
202 100
101 6.4 4.7 7.1
100 4.8 3.4 5.2



#20
Pyrene
Concen: 4.208 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Tgt Ion:202 Resp: 134568
Ion Ratio Lower Upper
202 100
101 7.5 5.2 7.8
100 6.1 4.3 6.5





#21

Benzo(a)anthracene

Concen: 2.178 ng/ul

RT: 21.065 min Scan# 4063

Delta R.T. 0.001 min

Lab File: BM046843.D

Acq: 26 Jul 2024 22:48

Instrument :

BNA_M

ClientSampleId :

A4CK8DL

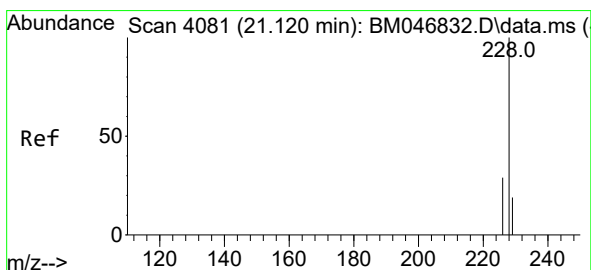
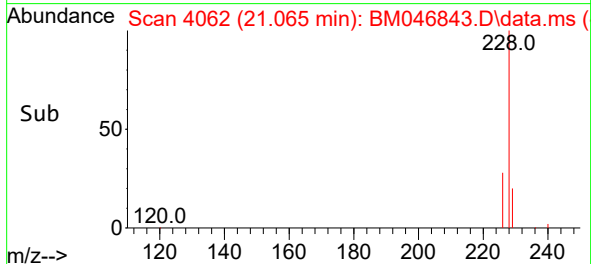
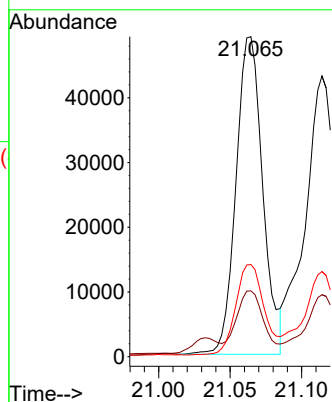
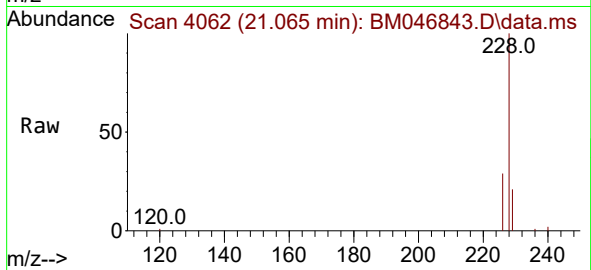
Tgt Ion:228 Resp: 63896

Ion Ratio Lower Upper

228 100

229 20.6 16.3 24.5

226 28.8 22.3 33.5



#22

Chrysene

Concen: 2.119 ng/ul

RT: 21.114 min Scan# 4079

Delta R.T. -0.002 min

Lab File: BM046843.D

Acq: 26 Jul 2024 22:48

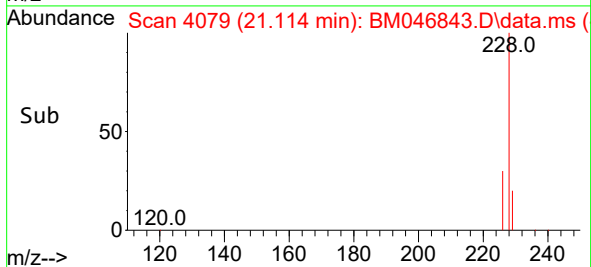
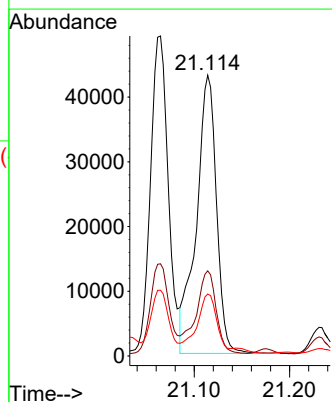
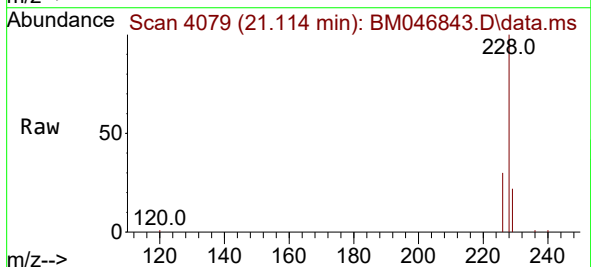
Tgt Ion:228 Resp: 63152

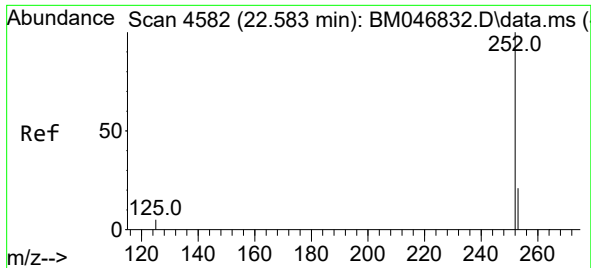
Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 22.0 16.2 24.2

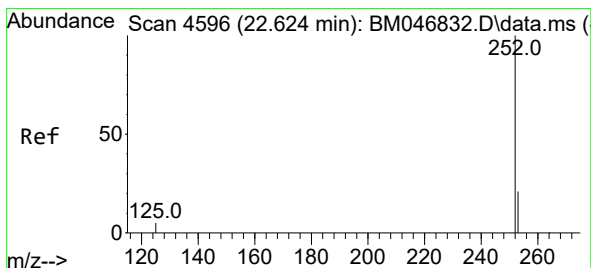
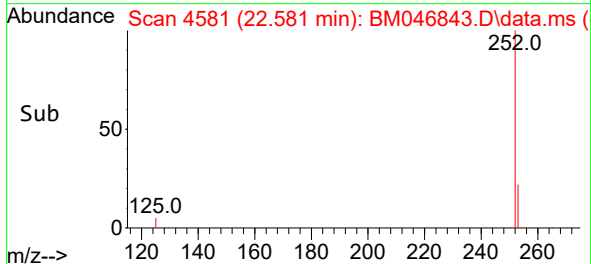
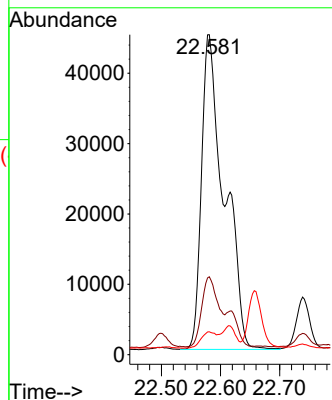
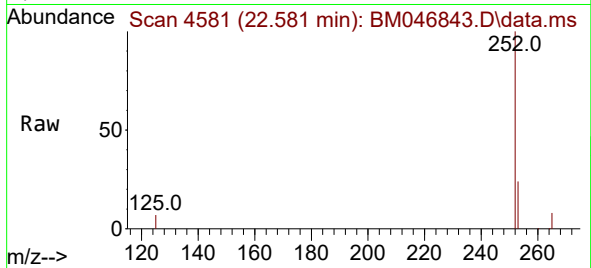




#24
Benzo(b)fluoranthene
Concen: 3.424 ng/ul
RT: 22.581 min Scan# 4581
Delta R.T. 0.001 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

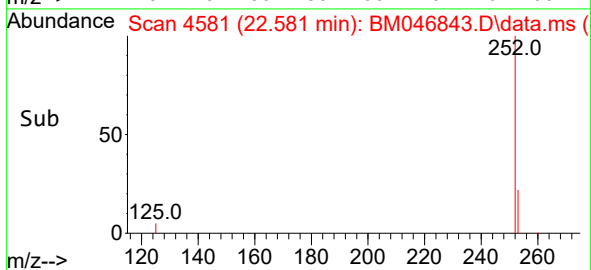
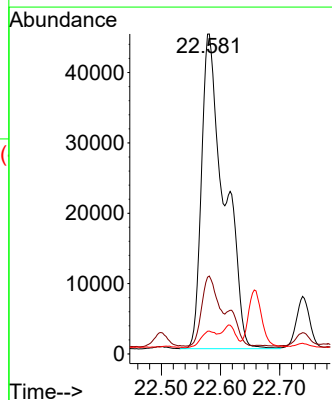
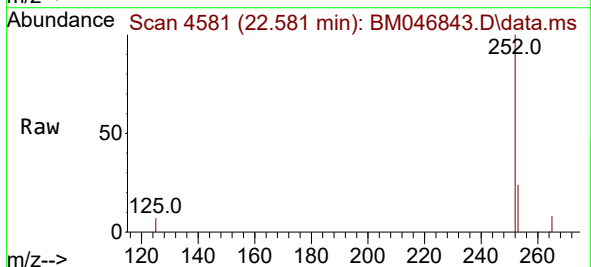
Instrument :
BNA_M
ClientSampleId :
A4CK8DL

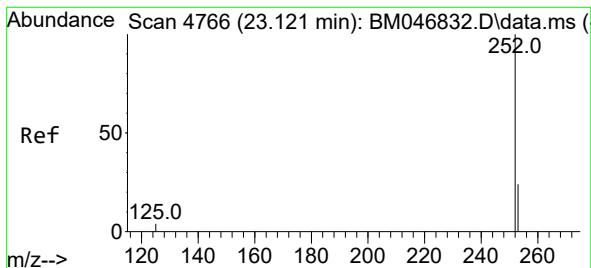
Tgt Ion:252 Resp: 119544
Ion Ratio Lower Upper
252 100
253 24.4 0.0 56.4
125 7.1 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 3.398 ng/ul
RT: 22.581 min Scan# 4581
Delta R.T. -0.040 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Tgt Ion:252 Resp: 119544
Ion Ratio Lower Upper
252 100
253 24.4 23.5 35.3
125 7.1 8.6 13.0#

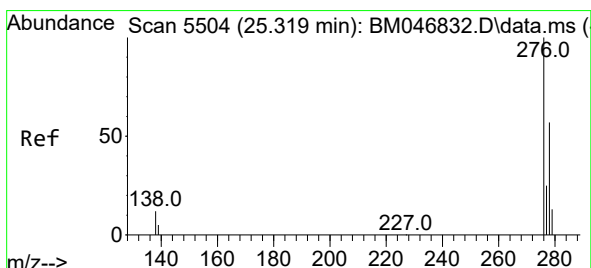
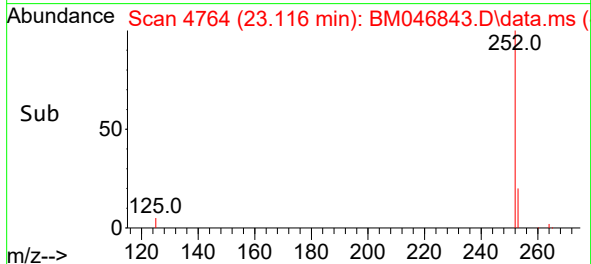
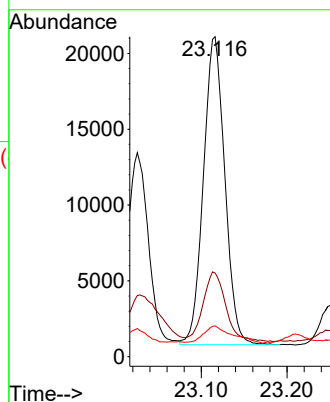
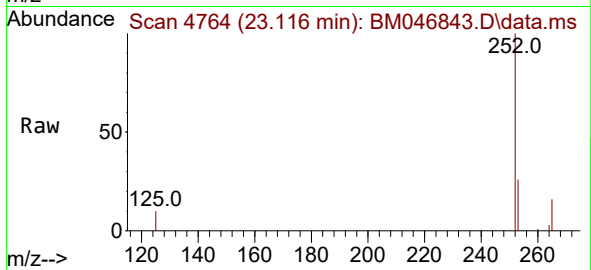




#26
Benzo(a)pyrene
Concen: 1.407 ng/ul
RT: 23.116 min Scan# 4766
Delta R.T. -0.002 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

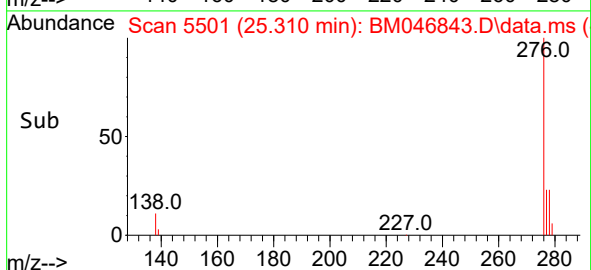
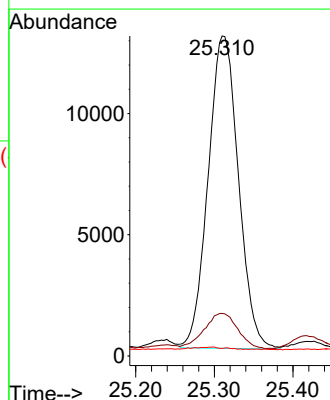
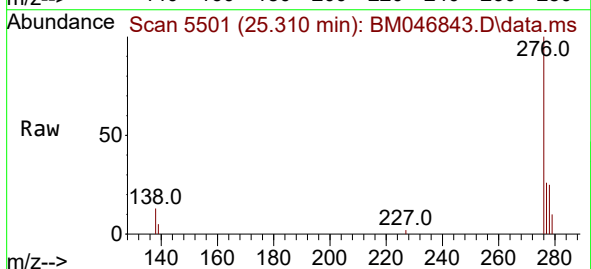
Instrument :
BNA_M
ClientSampleId :
A4CK8DL

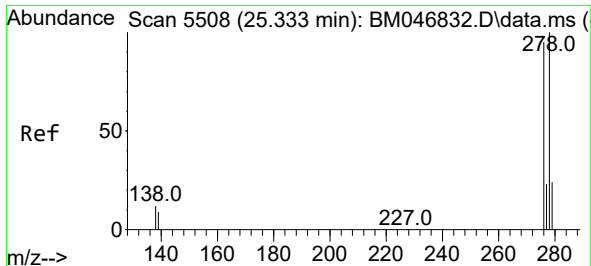
Tgt Ion:252 Resp: 35255
Ion Ratio Lower Upper
252 100
253 26.2 26.0 39.0
125 9.6 7.8 11.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.896 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Tgt Ion:276 Resp: 34566
Ion Ratio Lower Upper
276 100
138 12.3 9.7 14.5
227 0.5 0.2 0.2#

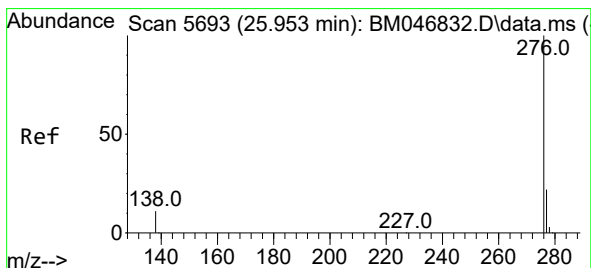
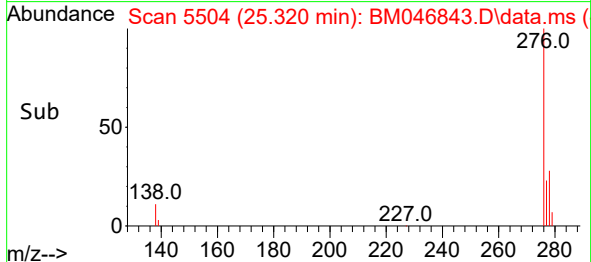
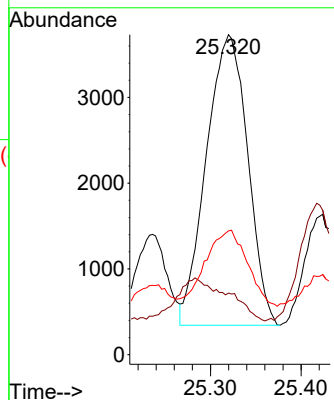
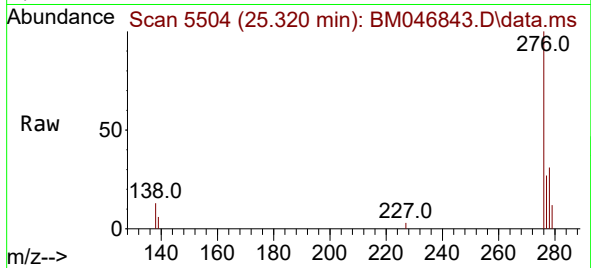




#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.320 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Instrument :
BNA_M
ClientSampleId :
A4CK8DL

Tgt Ion:278 Resp: 10744
Ion Ratio Lower Upper
278 100
139 19.2 9.8 14.8#
279 38.7 25.2 37.8#



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046843.D
Acq: 26 Jul 2024 22:48

Tgt Ion:276 Resp: 5946
Ion Ratio Lower Upper
276 100
138 22.9 9.5 14.3#
277 33.1 20.9 31.3#

