

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046813.D
 Acq On : 25 Jul 2024 23:17
 Operator : MA/JU
 Sample : P3263-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK8

Quant Time: Jul 26 00:31:22 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

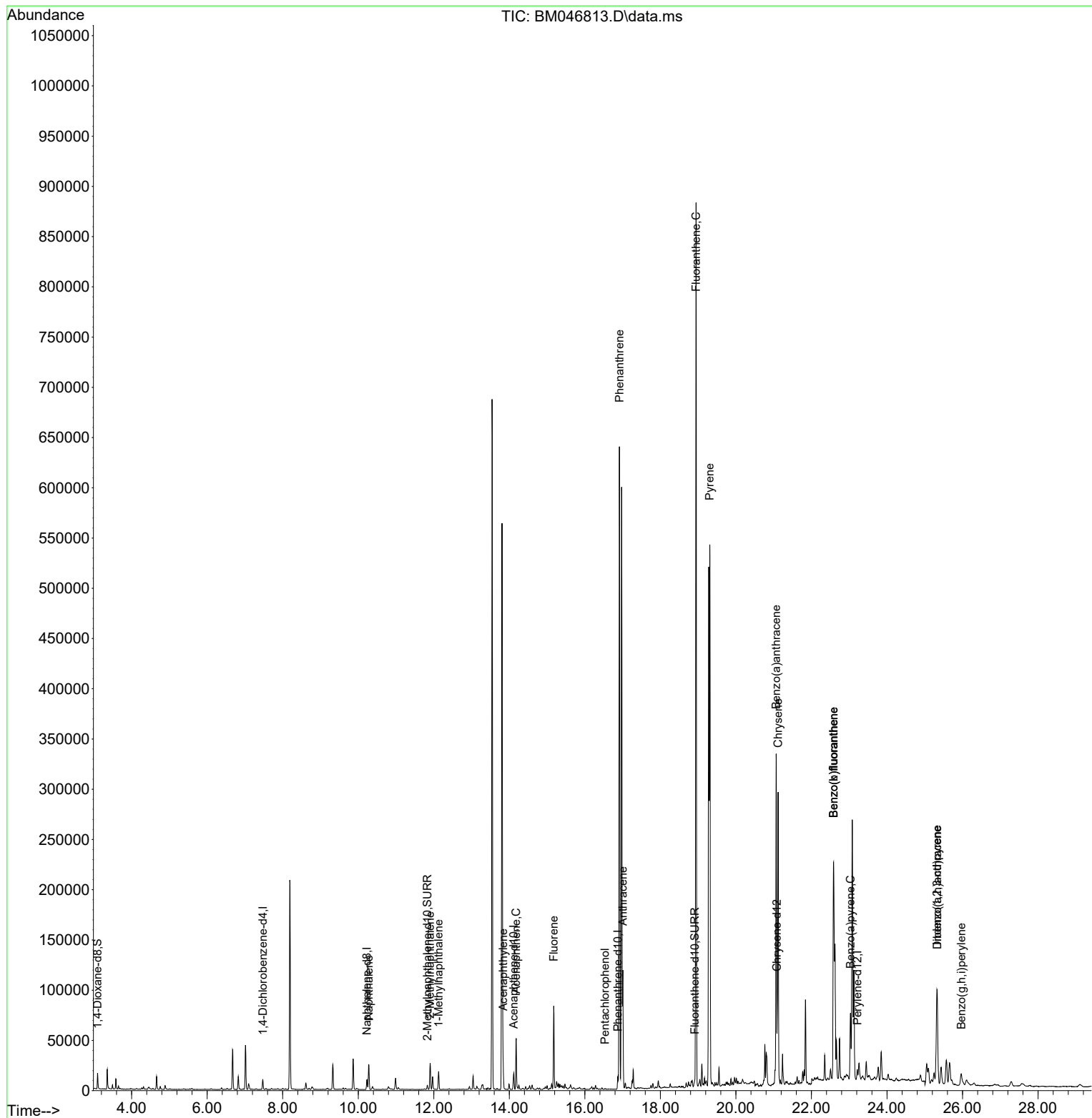
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4514	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	13100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	8129	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	16026	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.082	240	6992	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	8394	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	9440	2.987	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	5056	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	7718	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	32319	0.975	ng/ul	97
7) 2-Methylnaphthalene	11.903	142	17869	0.784	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	11943	0.507	ng/ul	100
10) Acenaphthylene	13.835	152	31773	0.853	ng/ul	98
11) Acenaphthene	14.182	153	28995	1.147	ng/ul	99
12) Fluorene	15.176	166	49270	1.560	ng/ul	98
14) Pentachlorophenol	16.532	266	364	0.050	ng/ul	98
15) Phenanthrene	16.916	178	661587	14.363	ng/ul	97
16) Anthracene	17.005	178	115177	2.686	ng/ul	99
19) Fluoranthene	18.945	202	756697	24.642	ng/ul	99
20) Pyrene	19.308	202	494092	15.554	ng/ul	100
21) Benzo(a)anthracene	21.064	228	275783	9.465	ng/ul	99
22) Chrysene	21.117	228	266614	9.008	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	490070	13.298	ng/ul	92
25) Benzo(k)fluoranthene	22.587	252	490107	13.197	ng/ul#	89
26) Benzo(a)pyrene	23.034	252	87349	3.302	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.323	276	146420	3.596	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.330	278	46037	1.545	ng/ul	98
29) Benzo(g,h,i)perylene	25.967	276	25516	0.712	ng/ul#	89

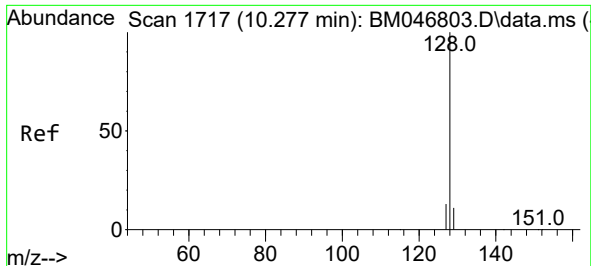
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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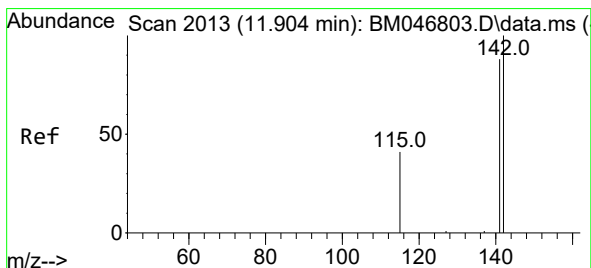
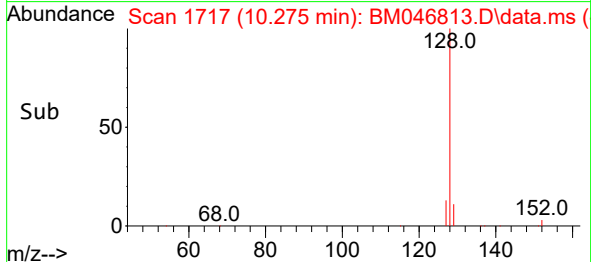
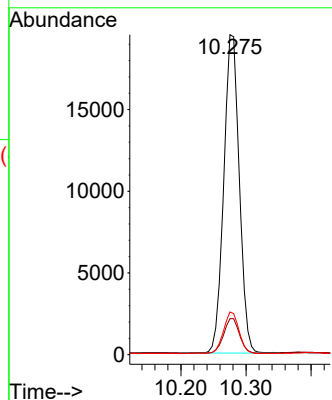
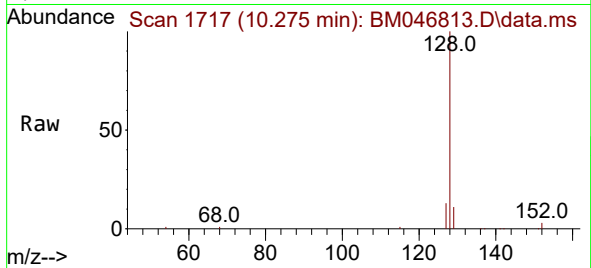




#5
Naphthalene
Concen: 0.975 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

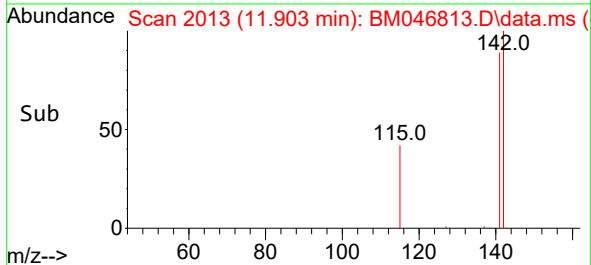
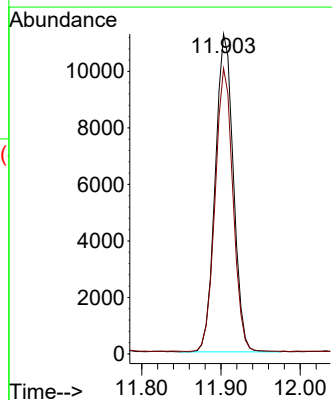
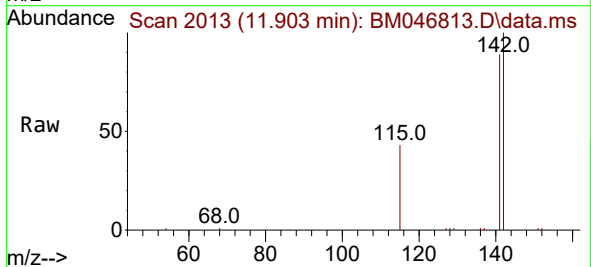
Instrument :
BNA_M
ClientSampleId :
A4CK8

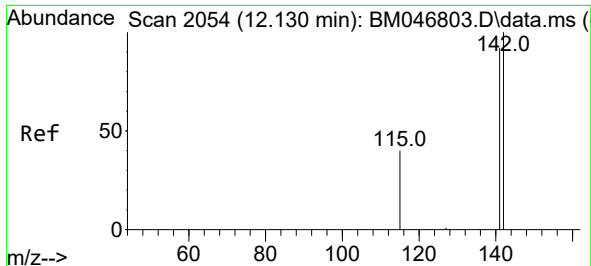
Tgt Ion:128 Resp: 32319
Ion Ratio Lower Upper
128 100
129 11.2 10.1 15.1
127 13.4 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.784 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Tgt Ion:142 Resp: 17869
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7

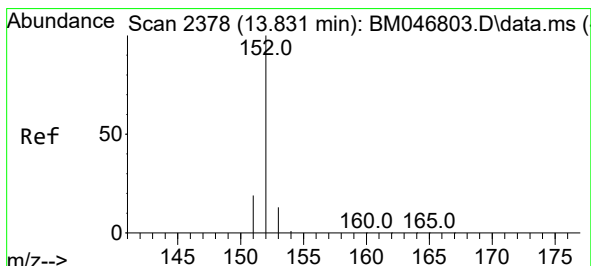
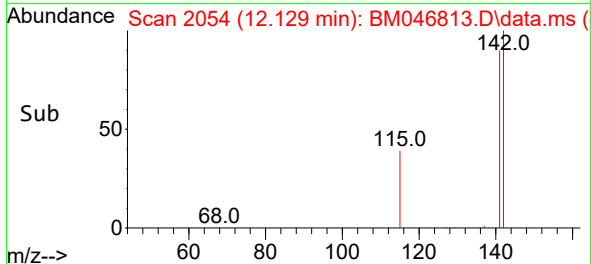
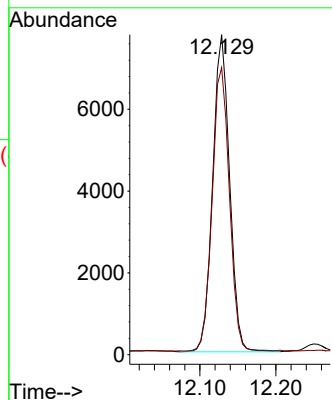
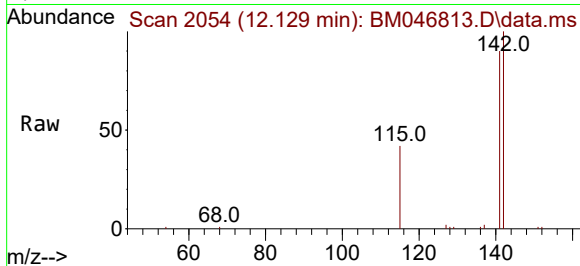




#8
1-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

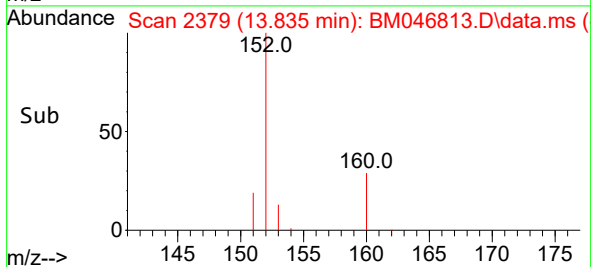
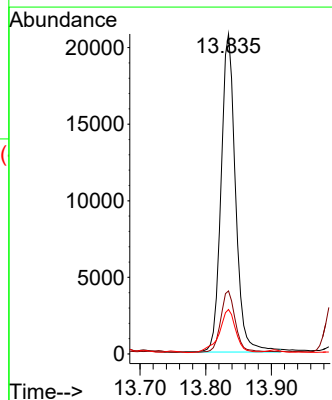
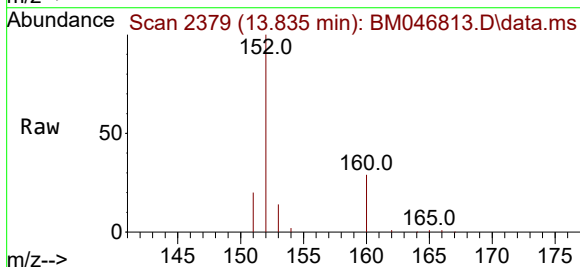
Instrument :
BNA_M
ClientSampleId :
A4CK8

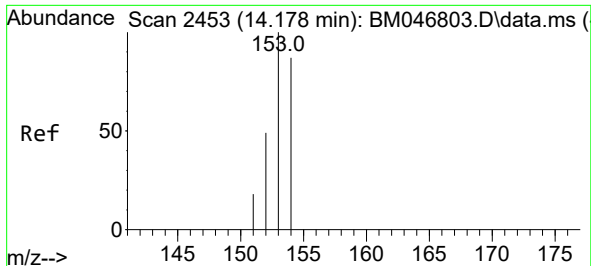
Tgt Ion:142 Resp: 11943
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7



#10
Acenaphthylene
Concen: 0.853 ng/ul
RT: 13.835 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

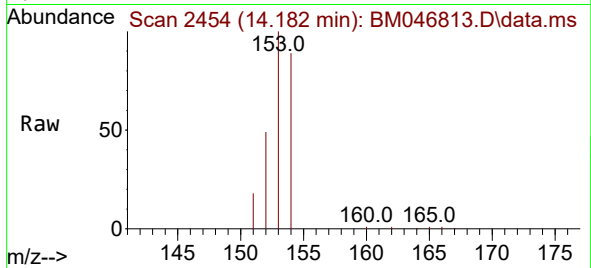
Tgt Ion:152 Resp: 31773
Ion Ratio Lower Upper
152 100
151 19.7 16.8 25.2
153 13.9 11.0 16.6



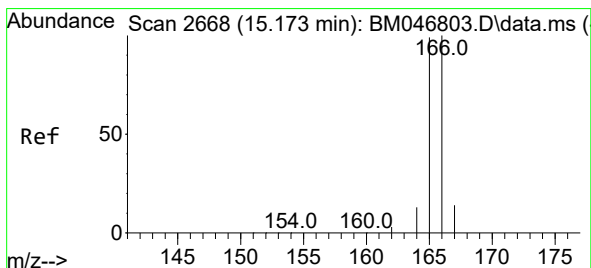
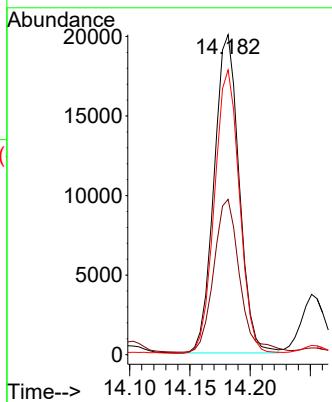
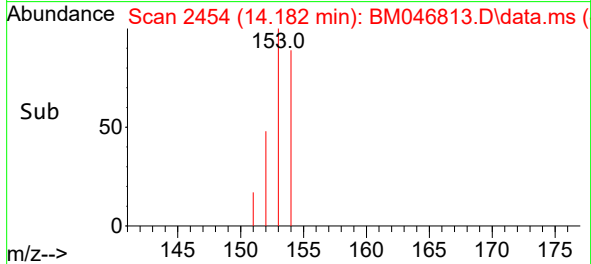


#11
Acenaphthene
Concen: 1.147 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Instrument :
BNA_M
ClientSampleId :
A4CK8

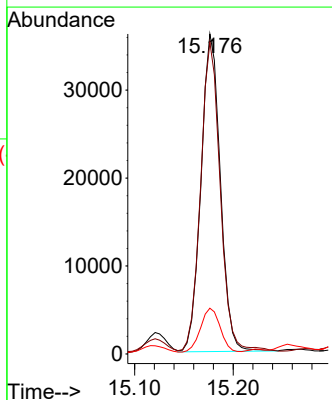
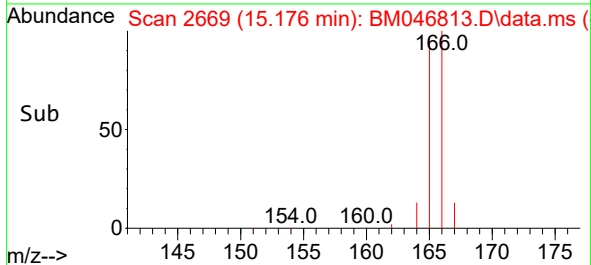
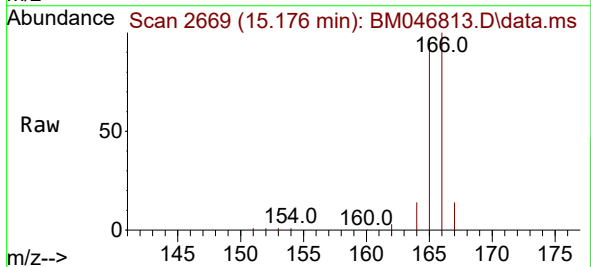


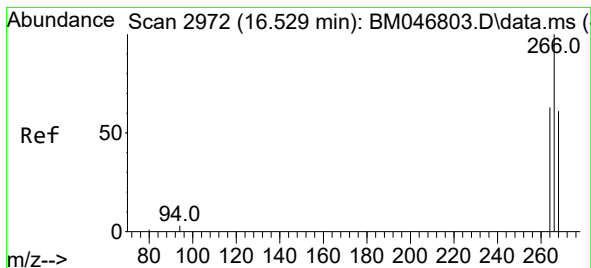
Tgt Ion:153 Resp: 28995
Ion Ratio Lower Upper
153 100
152 48.5 38.6 57.8
154 89.0 70.8 106.2



#12
Fluorene
Concen: 1.560 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Tgt Ion:166 Resp: 49270
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.6
167 14.3 12.3 18.5





#14

Pentachlorophenol

Concen: 0.050 ng/ul

RT: 16.532 min Scan# 2973

Delta R.T. -0.001 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Instrument :

BNA_M

ClientSampleId :

A4CK8

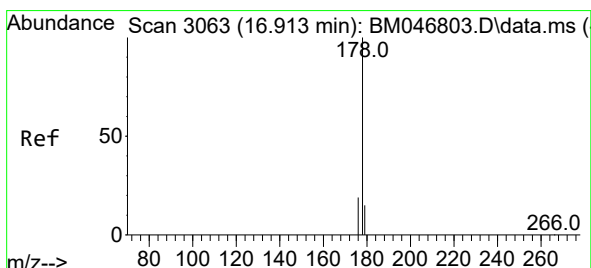
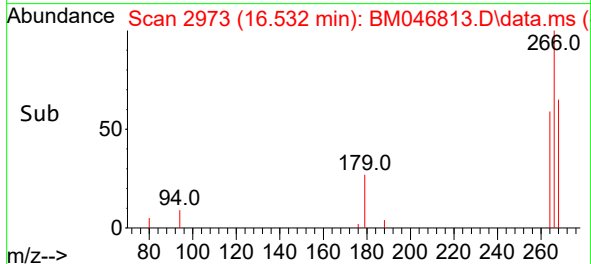
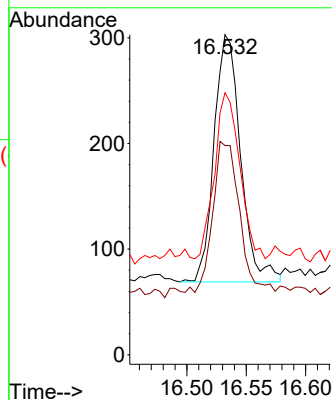
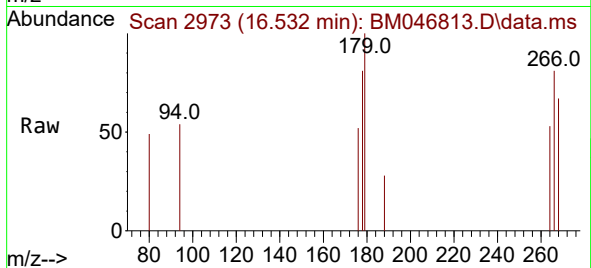
Tgt Ion:266 Resp: 364

Ion Ratio Lower Upper

266 100

264 64.6 51.1 76.7

268 66.8 51.8 77.6



#15

Phenanthrene

Concen: 14.363 ng/ul

RT: 16.916 min Scan# 3064

Delta R.T. 0.003 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

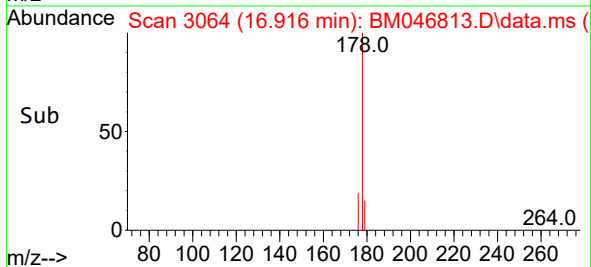
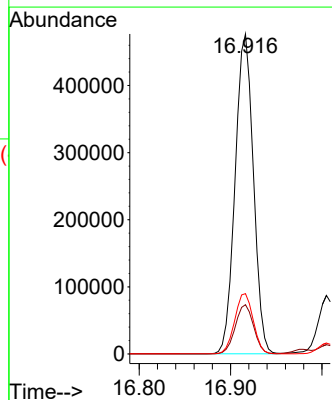
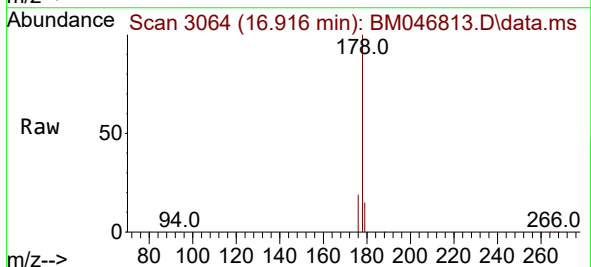
Tgt Ion:178 Resp: 661587

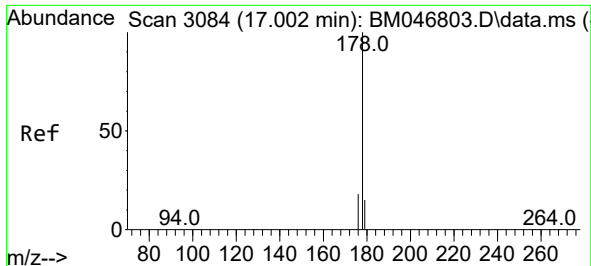
Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

176 18.9 16.1 24.1

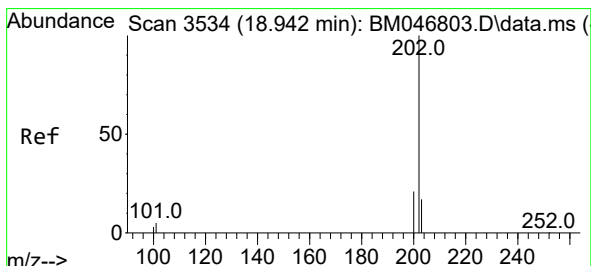
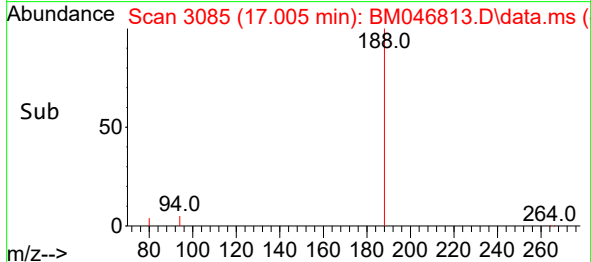
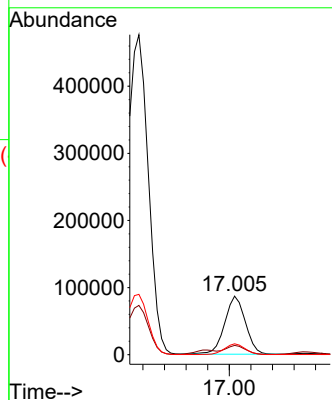
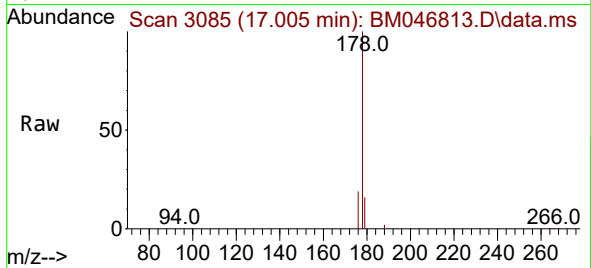




#16
 Anthracene
 Concen: 2.686 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046813.D
 Acq: 25 Jul 2024 23:17

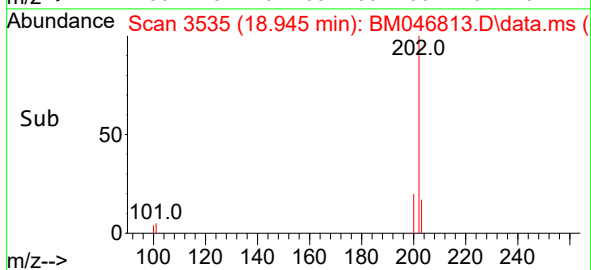
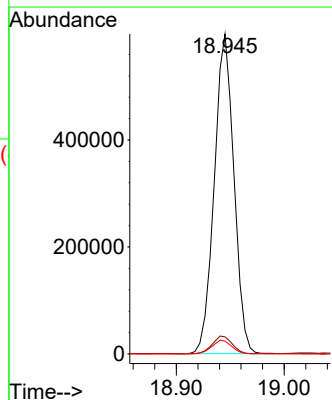
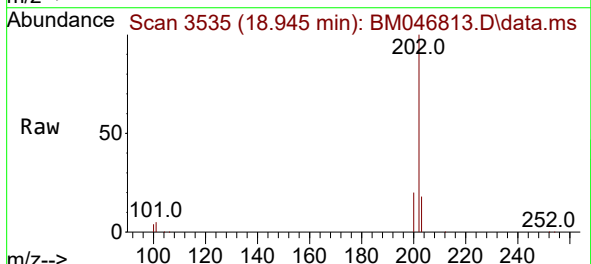
Instrument :
 BNA_M
 ClientSampleId :
 A4CK8

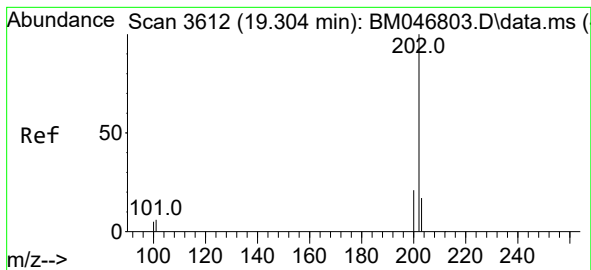
Tgt Ion:178 Resp: 115177
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.1 19.7
 176 18.6 15.0 22.6



#19
 Fluoranthene
 Concen: 24.642 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046813.D
 Acq: 25 Jul 2024 23:17

Tgt Ion:202 Resp: 756697
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.7 7.1
 100 4.0 3.4 5.2





#20

Pyrene

Concen: 15.554 ng/ul

RT: 19.308 min Scan# 3

Delta R.T. 0.003 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Instrument :

BNA_M

ClientSampleId :

A4CK8

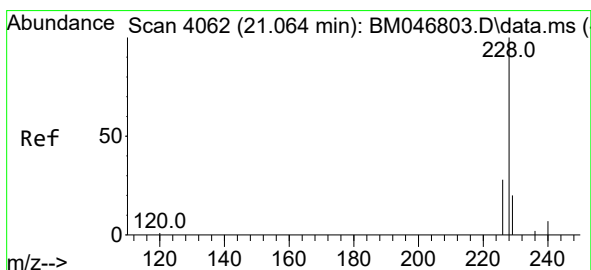
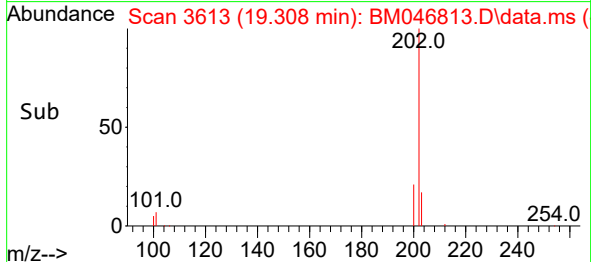
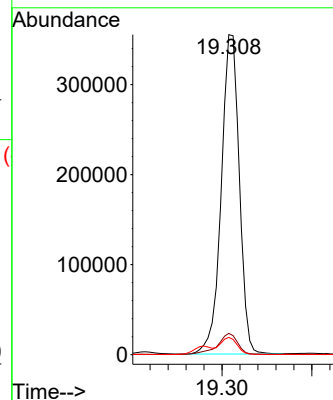
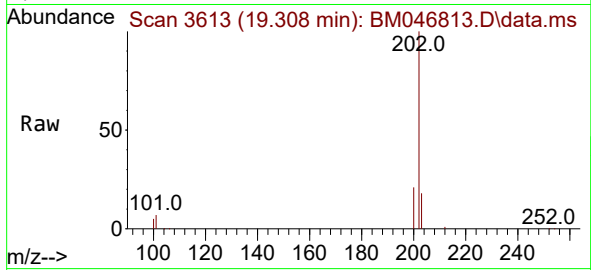
Tgt Ion:202 Resp: 494092

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

100 5.4 4.3 6.5



#21

Benzo(a)anthracene

Concen: 9.465 ng/ul

RT: 21.064 min Scan# 4062

Delta R.T. 0.000 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

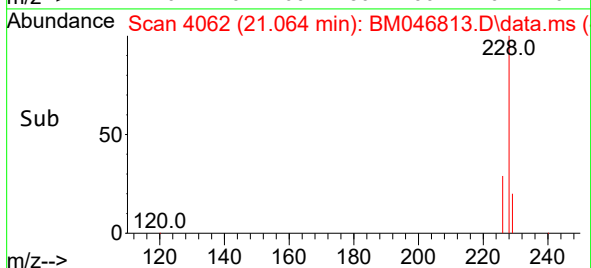
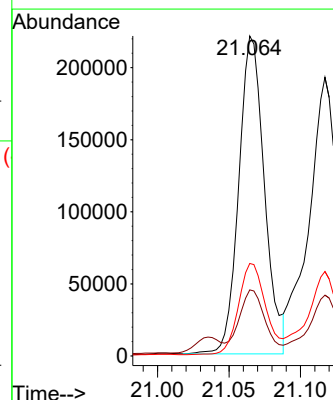
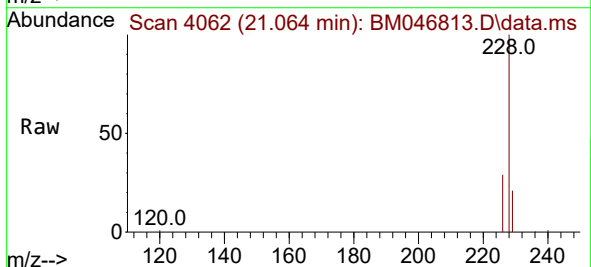
Tgt Ion:228 Resp: 275783

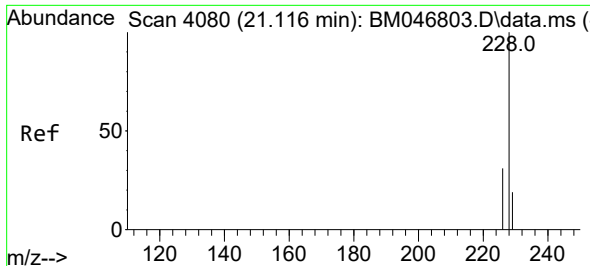
Ion Ratio Lower Upper

228 100

229 20.6 16.3 24.5

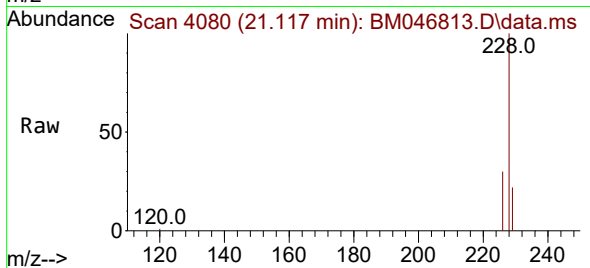
226 28.9 22.3 33.5



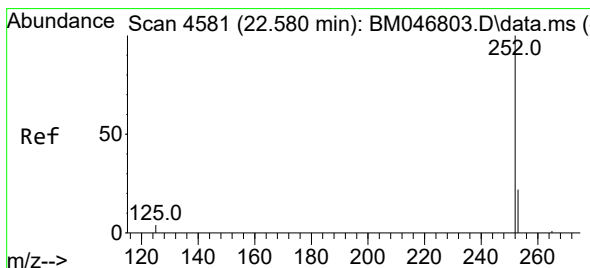
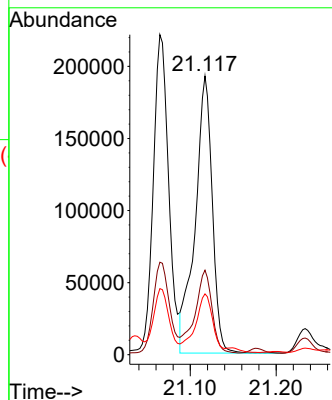
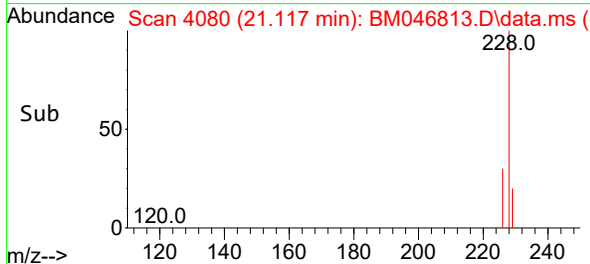


#22
Chrysene
Concen: 9.008 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Instrument :
BNA_M
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A4CK8

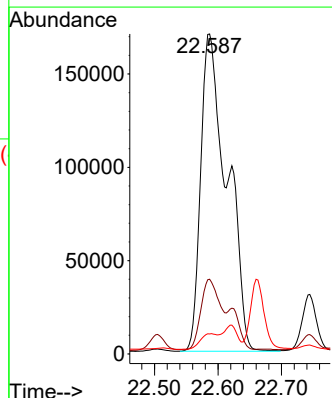
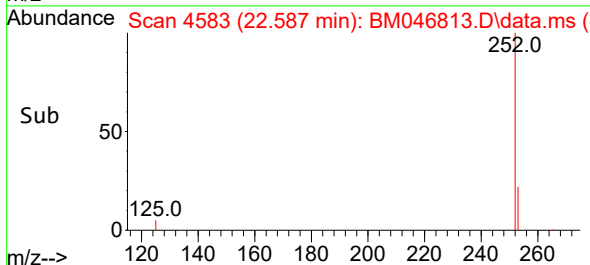
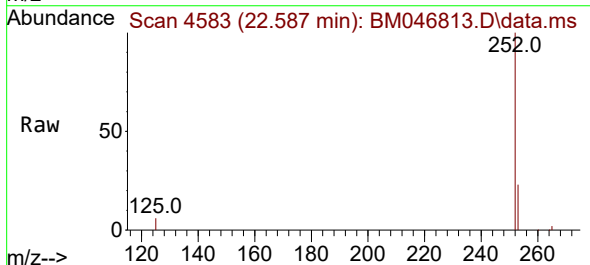


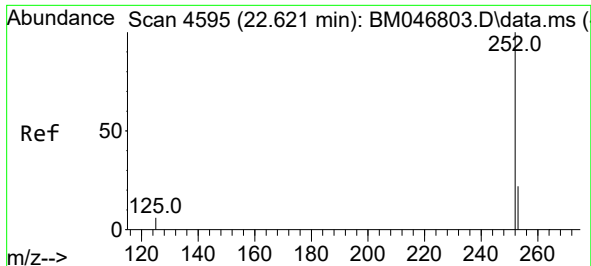
Tgt Ion:228 Resp: 266614
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.8 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 13.298 ng/ul
RT: 22.587 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Tgt Ion:252 Resp: 490070
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.4
125 6.3 0.0 15.8

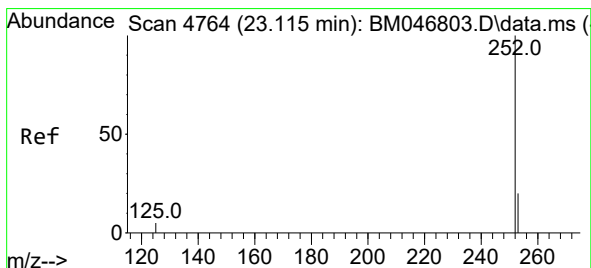
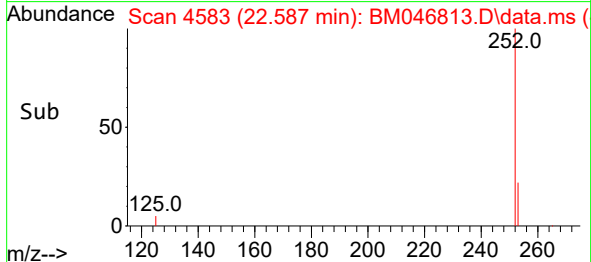
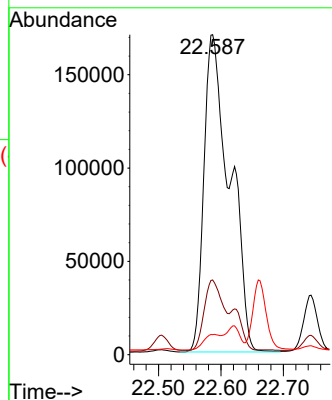
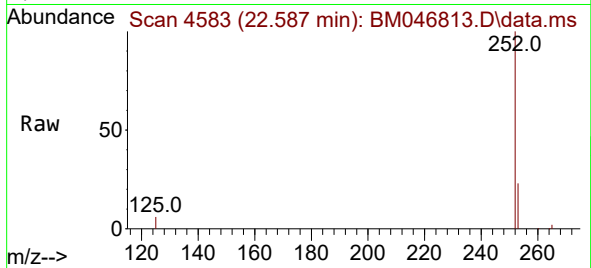




#25
Benzo(k)fluoranthene
Concen: 13.197 ng/ul
RT: 22.587 min Scan# 41
Delta R.T. -0.035 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

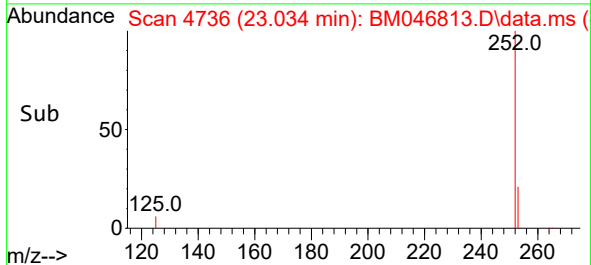
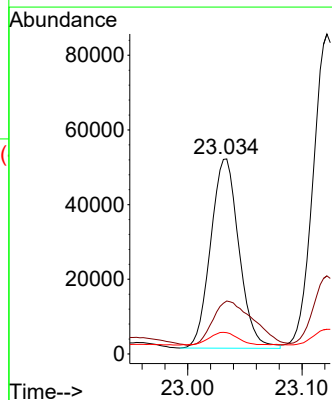
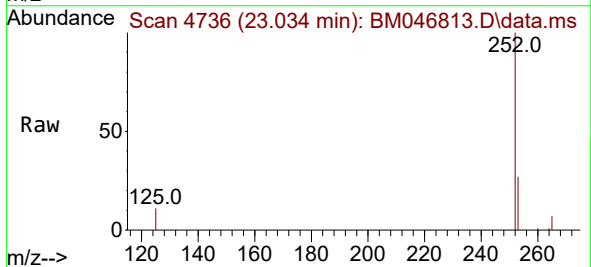
Instrument :
BNA_M
ClientSampleId :
A4CK8

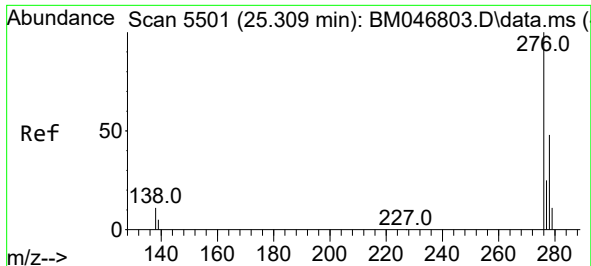
Tgt Ion:252 Resp: 490107
Ion Ratio Lower Upper
252 100
253 23.4 23.5 35.3#
125 6.3 8.6 13.0#



#26
Benzo(a)pyrene
Concen: 3.302 ng/ul
RT: 23.034 min Scan# 4736
Delta R.T. -0.084 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Tgt Ion:252 Resp: 87349
Ion Ratio Lower Upper
252 100
253 27.1 26.0 39.0
125 10.9 7.8 11.8

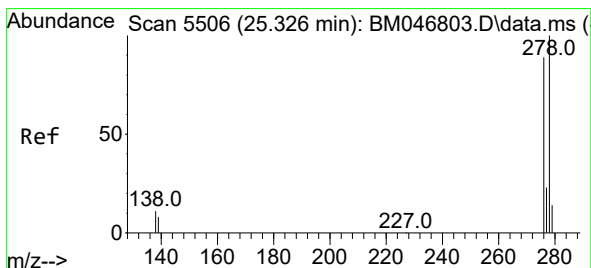
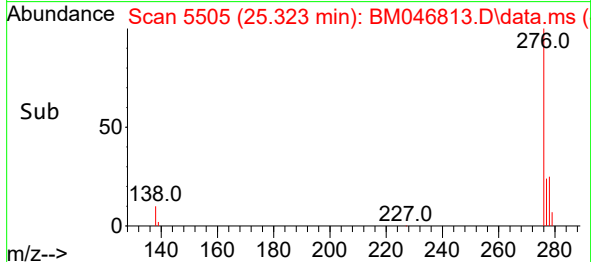
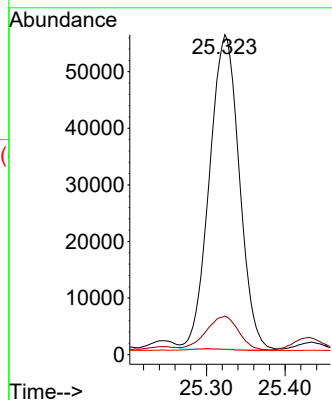
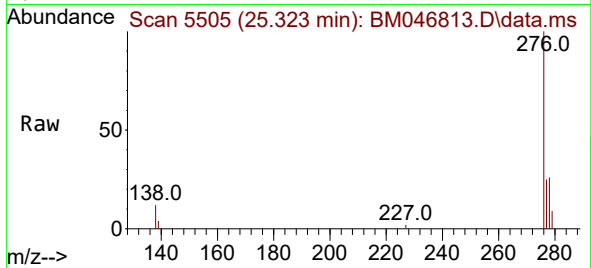




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.596 ng/ul
 RT: 25.323 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BM046813.D
 Acq: 25 Jul 2024 23:17

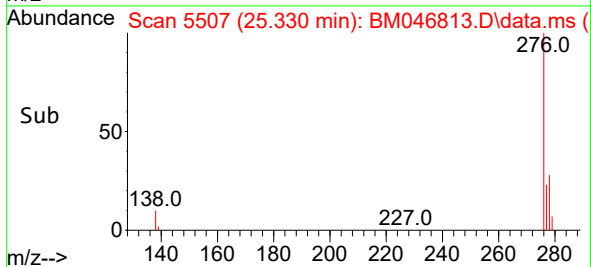
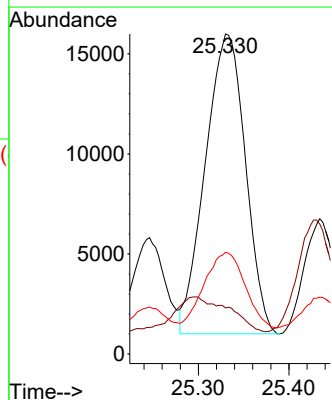
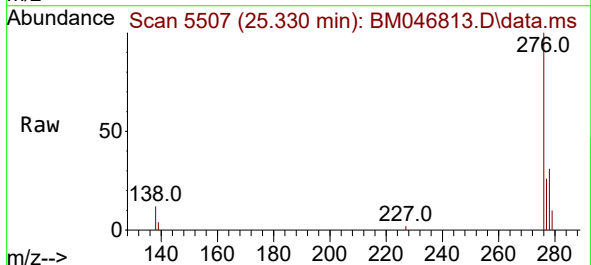
Instrument :
 BNA_M
 ClientSampleId :
 A4CK8

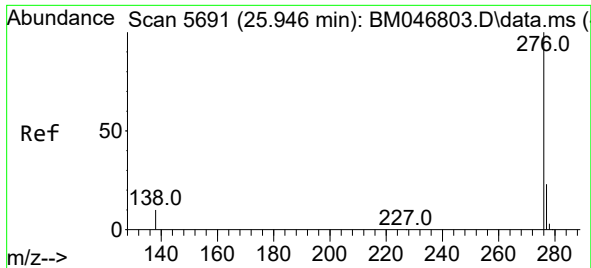
Tgt Ion:276 Resp: 146420
 Ion Ratio Lower Upper
 276 100
 138 11.8 9.7 14.5
 227 0.0 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.545 ng/ul
 RT: 25.330 min Scan# 5507
 Delta R.T. -0.003 min
 Lab File: BM046813.D
 Acq: 25 Jul 2024 23:17

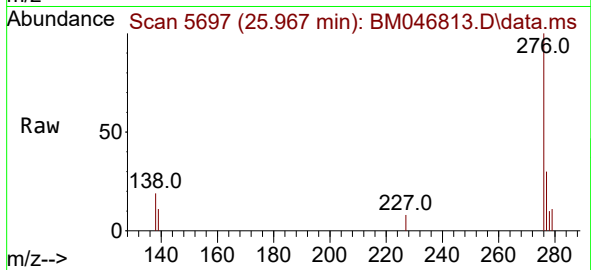
Tgt Ion:278 Resp: 46037
 Ion Ratio Lower Upper
 278 100
 139 14.4 9.8 14.8
 279 31.8 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.712 ng/ul
RT: 25.967 min Scan# 50
Delta R.T. 0.014 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Instrument :
BNA_M
ClientSampleId :
A4CK8



Tgt Ion:276 Resp: 25516
Ion Ratio Lower Upper
276 100
138 19.4 9.5 14.3#
277 29.6 20.9 31.3

