

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046065.D
 Acq On : 18 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2695-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL1

Quant Time: Jun 19 08:24:51 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

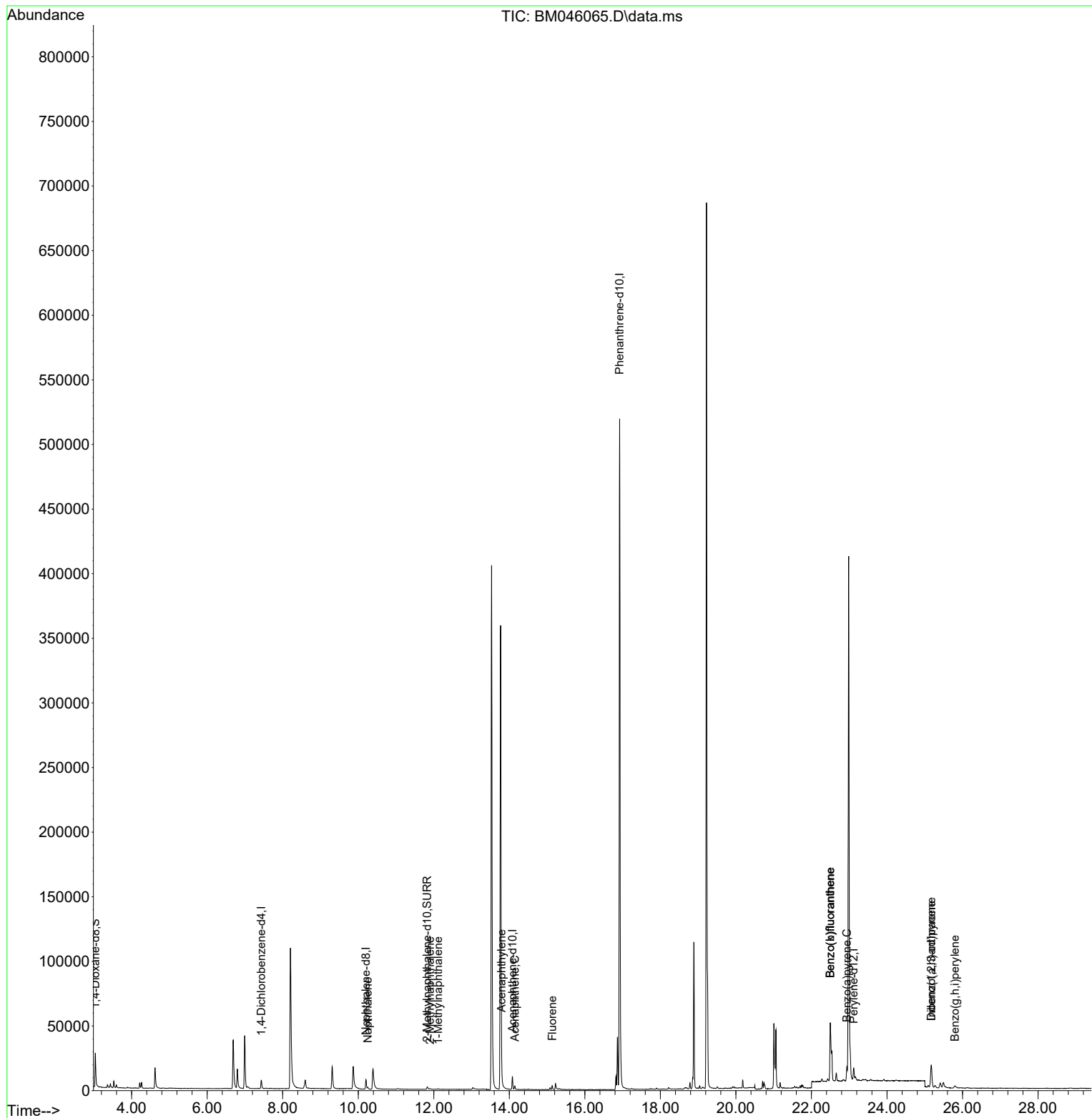
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3561	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	10248	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.080	164	5536	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.920	188	619052	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.119	264	14374	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	16459	3.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3507	0.255	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	8776	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	1878	0.066	ng/ul#	92
7) 2-Methylnaphthalene	11.903	142	526	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.118	142	461	0.026	ng/ul	95
10) Acenaphthylene	13.798	152	2669	0.102	ng/ul#	93
11) Acenaphthene	14.145	153	1704	0.090	ng/ul	97
12) Fluorene	15.135	166	2028	0.100	ng/ul	97
24) Benzo(b)fluoranthene	22.499	252	93402	1.804	ng/ul	87
25) Benzo(k)fluoranthene	22.499	252	93402	1.517	ng/ul#	85
26) Benzo(a)pyrene	22.937	252	13412	0.279	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.172	276	25619	0.326	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.172	278	7763	0.133	ng/ul#	89
29) Benzo(g,h,i)perylene	25.796	276	3739	0.056	ng/ul#	73

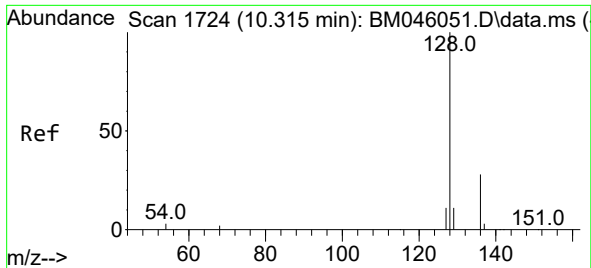
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046065.D
Acq On : 18 Jun 2024 23:41
Operator : MA/JU
Sample : P2695-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL1

Quant Time: Jun 19 08:24:51 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

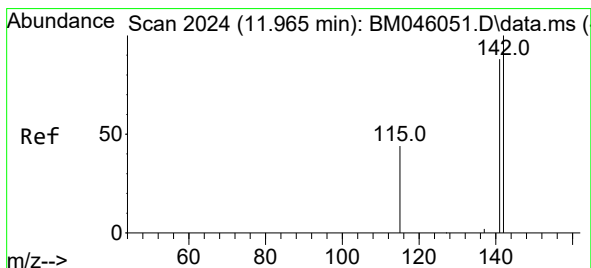
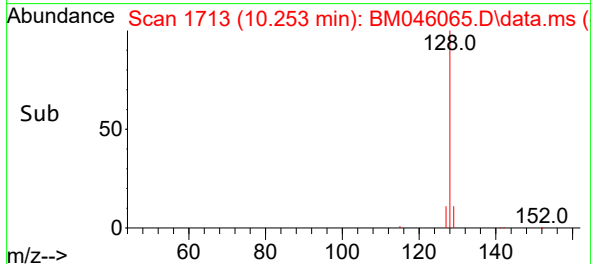
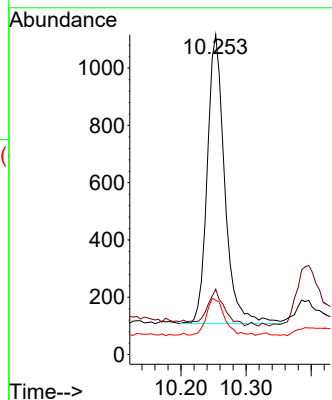
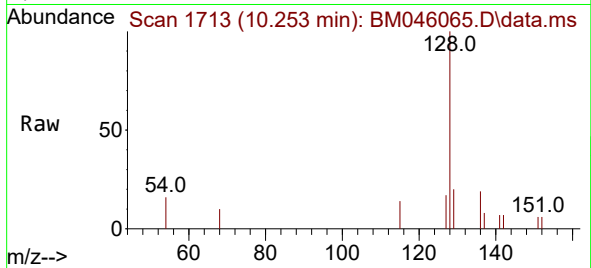




#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.050 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

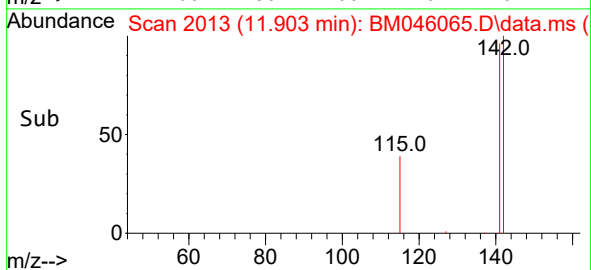
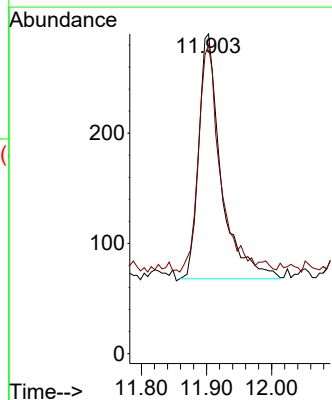
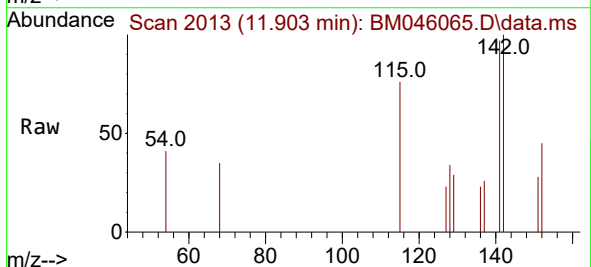
Instrument :
BNA_M
ClientSampleId :
A4BL1

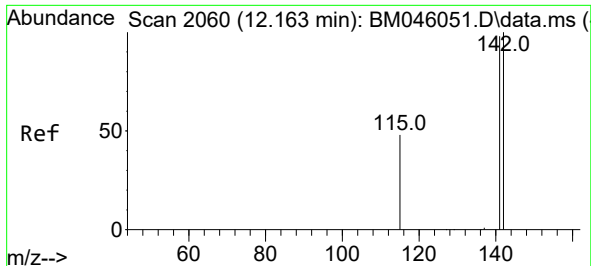
Tgt Ion:128 Resp: 1878
Ion Ratio Lower Upper
128 100
129 20.4 11.8 17.6#
127 17.0 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8

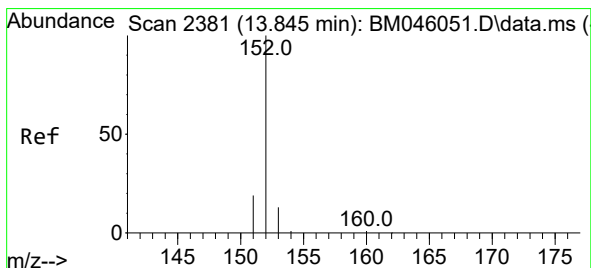
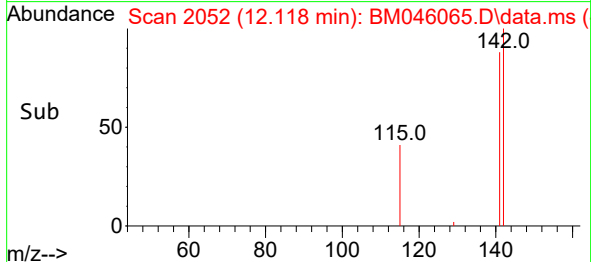
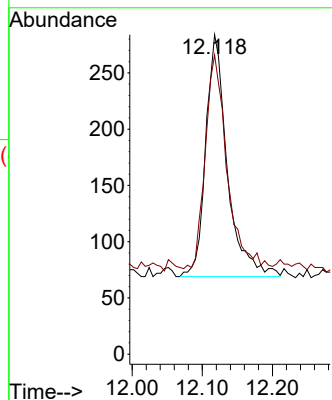
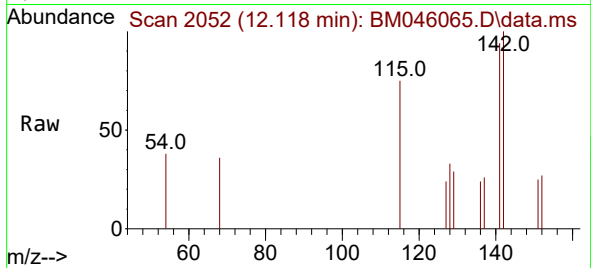




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.118 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

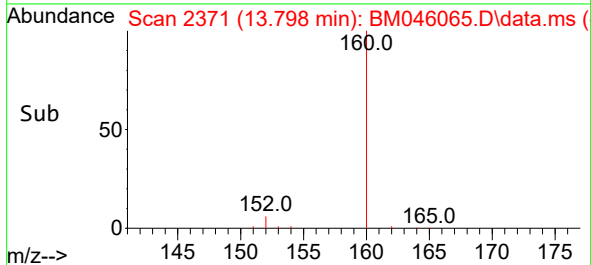
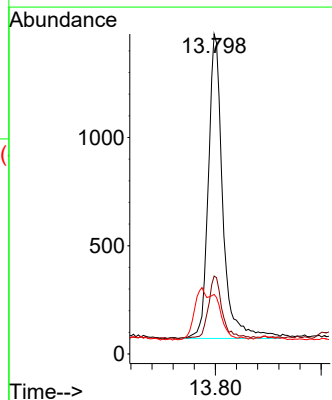
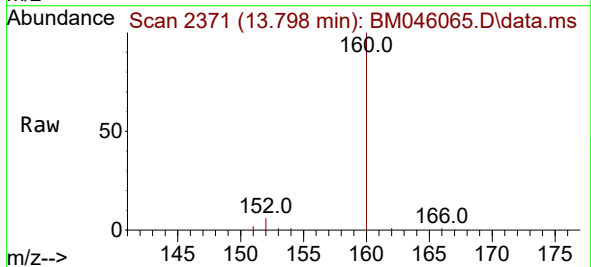
Instrument :
BNA_M
ClientSampleId :
A4BL1

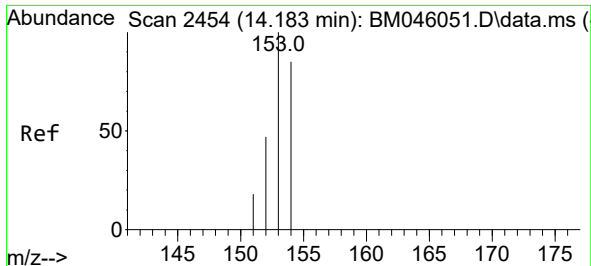
Tgt Ion:142 Resp: 461
Ion Ratio Lower Upper
142 100
141 89.4 75.2 112.8



#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 13.798 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

Tgt Ion:152 Resp: 2669
Ion Ratio Lower Upper
152 100
151 24.4 17.4 26.2
153 18.6 11.8 17.8#

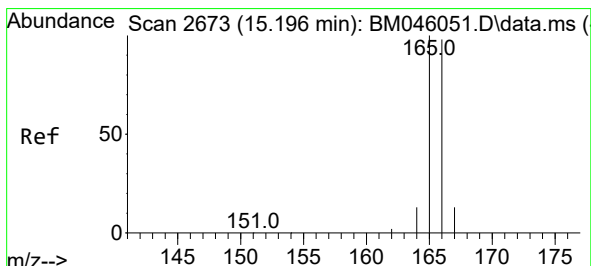
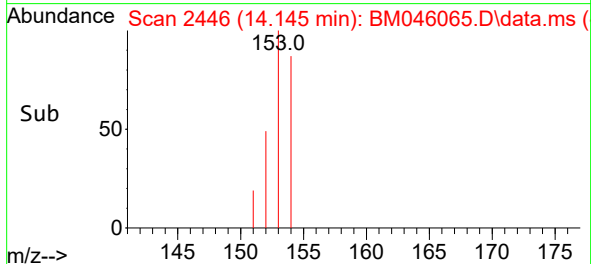
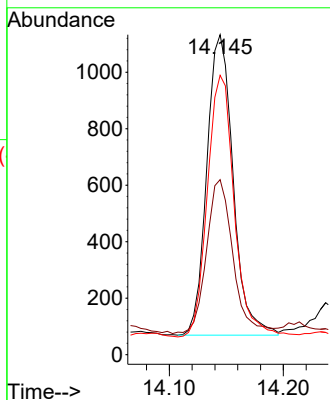
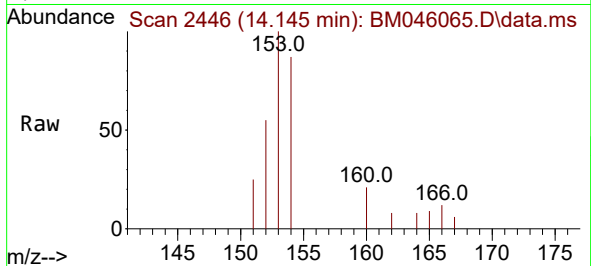




#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

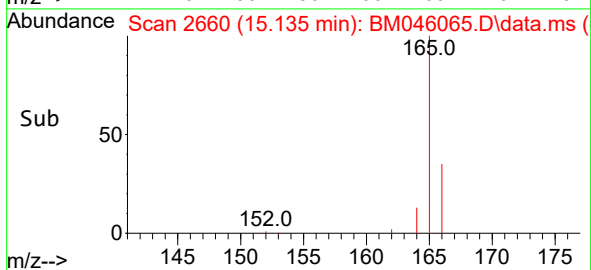
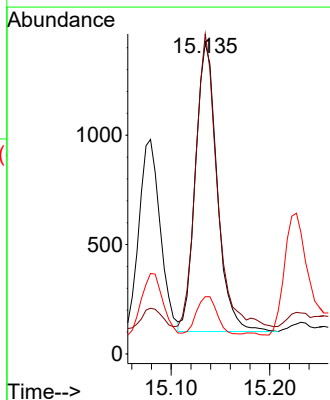
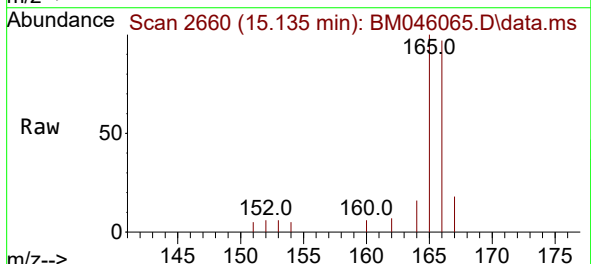
Instrument :
BNA_M
ClientSampleId :
A4BL1

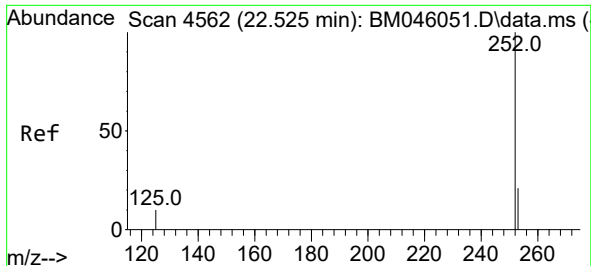
Tgt Ion:153 Resp: 1704
Ion Ratio Lower Upper
153 100
152 54.7 41.3 61.9
154 87.3 68.2 102.4



#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

Tgt Ion:166 Resp: 2028
Ion Ratio Lower Upper
166 100
165 103.0 80.4 120.6
167 18.4 12.4 18.6

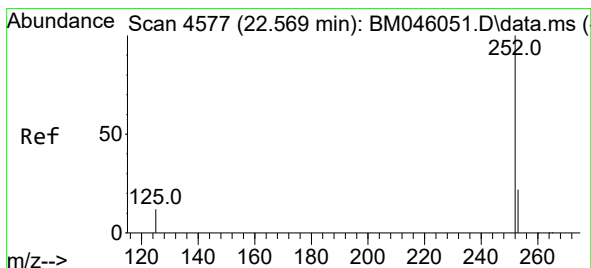
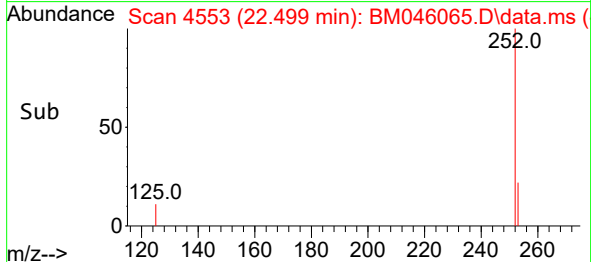
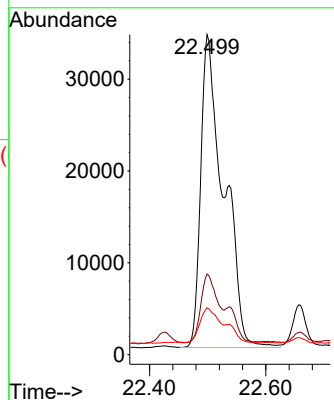
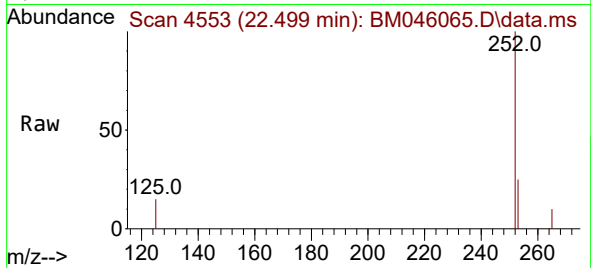




#24
Benzo(b)fluoranthene
Concen: 1.804 ng/ul
RT: 22.499 min Scan# 4553
Delta R.T. -0.020 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

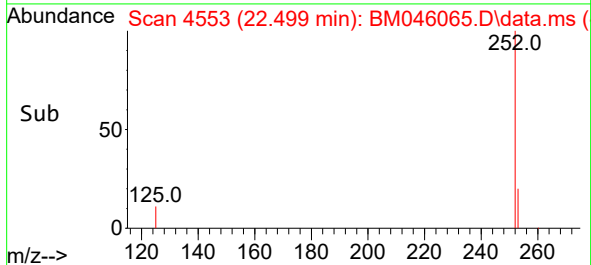
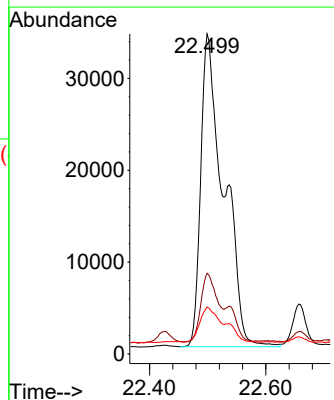
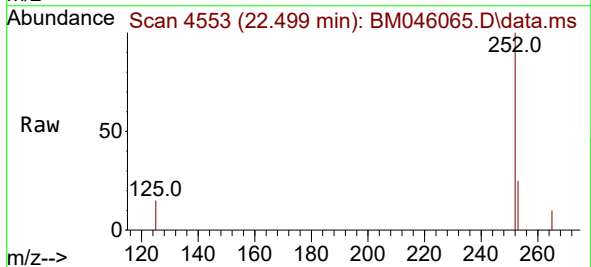
Instrument :
BNA_M
ClientSampleId :
A4BL1

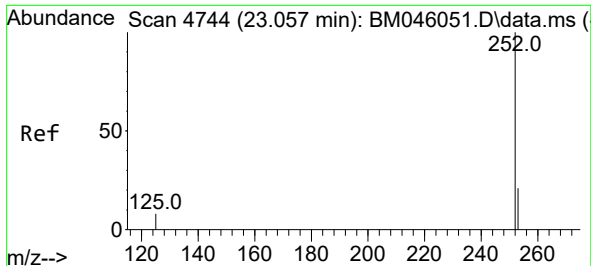
Tgt Ion:252 Resp: 93402
Ion Ratio Lower Upper
252 100
253 25.2 0.0 65.8
125 14.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.517 ng/ul
RT: 22.499 min Scan# 4553
Delta R.T. -0.064 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

Tgt Ion:252 Resp: 93402
Ion Ratio Lower Upper
252 100
253 25.2 27.2 40.8#
125 14.7 16.6 25.0#

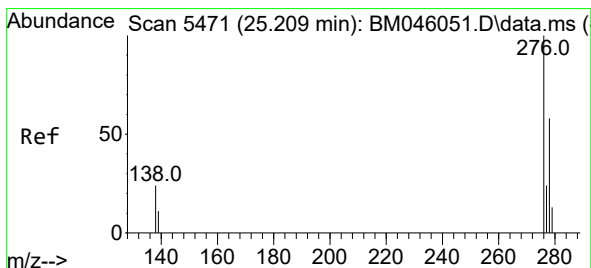
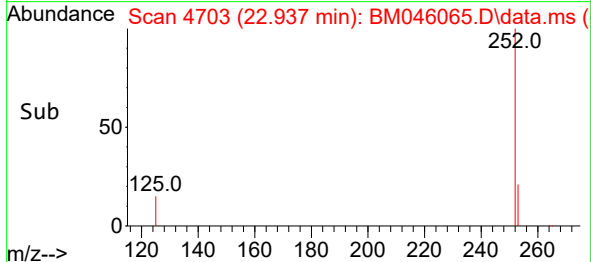
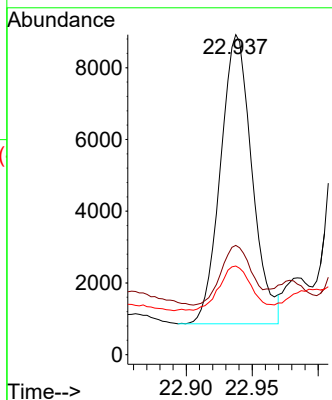
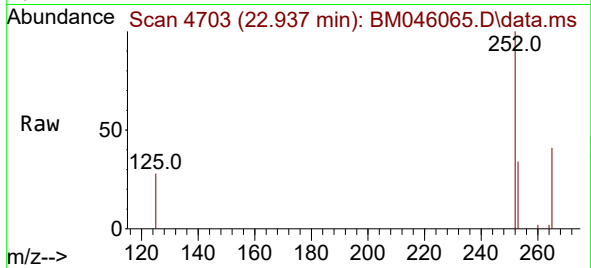




#26
Benzo(a)pyrene
Concen: 0.279 ng/ul
RT: 22.937 min Scan# 41
Delta R.T. -0.117 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

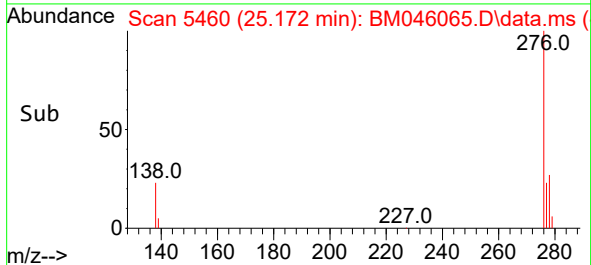
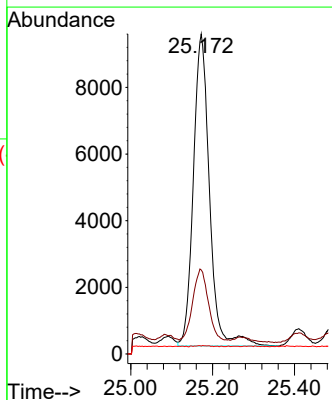
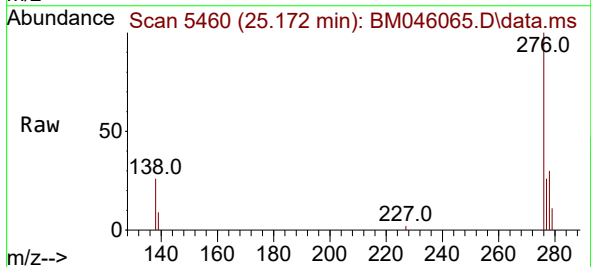
Instrument :
BNA_M
ClientSampleId :
A4BL1

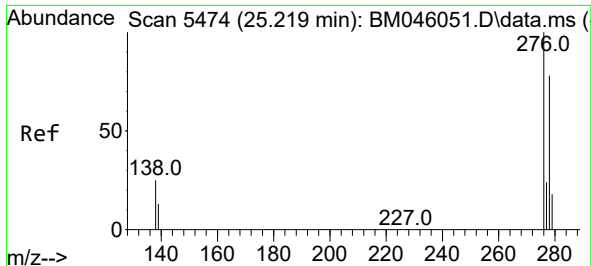
Tgt Ion:252 Resp: 13412
Ion Ratio Lower Upper
252 100
253 34.2 32.1 48.1
125 27.7 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.030 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

Tgt Ion:276 Resp: 25619
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.133 ng/ul

RT: 25.172 min Scan# 54

Delta R.T. -0.044 min

Lab File: BM046065.D

Acq: 18 Jun 2024 23:41

Instrument :

BNA_M

ClientSampleId :

A4BL1

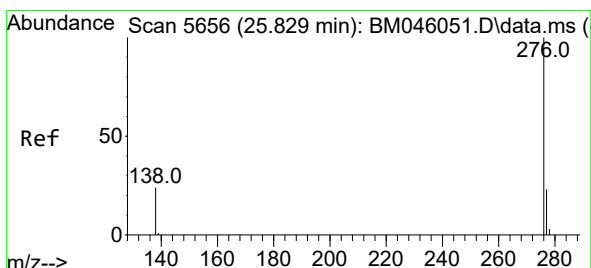
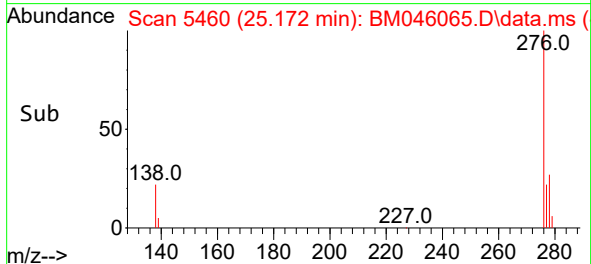
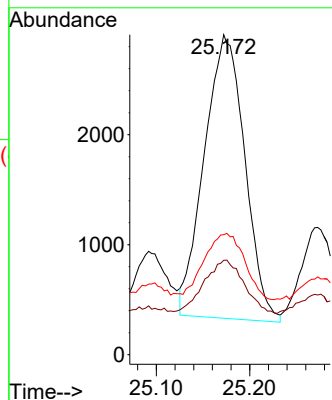
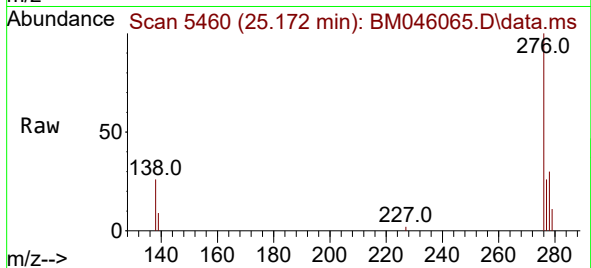
Tgt Ion:278 Resp: 7763

Ion Ratio Lower Upper

278 100

139 29.5 17.6 26.4#

279 37.5 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.056 ng/ul

RT: 25.796 min Scan# 5646

Delta R.T. -0.034 min

Lab File: BM046065.D

Acq: 18 Jun 2024 23:41

Tgt Ion:276 Resp: 3739

Ion Ratio Lower Upper

276 100

138 42.0 21.7 32.5#

277 37.7 20.4 30.6#

