

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046075.D
 Acq On : 19 Jun 2024 06:18
 Operator : MA/JU
 Sample : P2696-06DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN4DL

Quant Time: Jun 19 08:26:41 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)

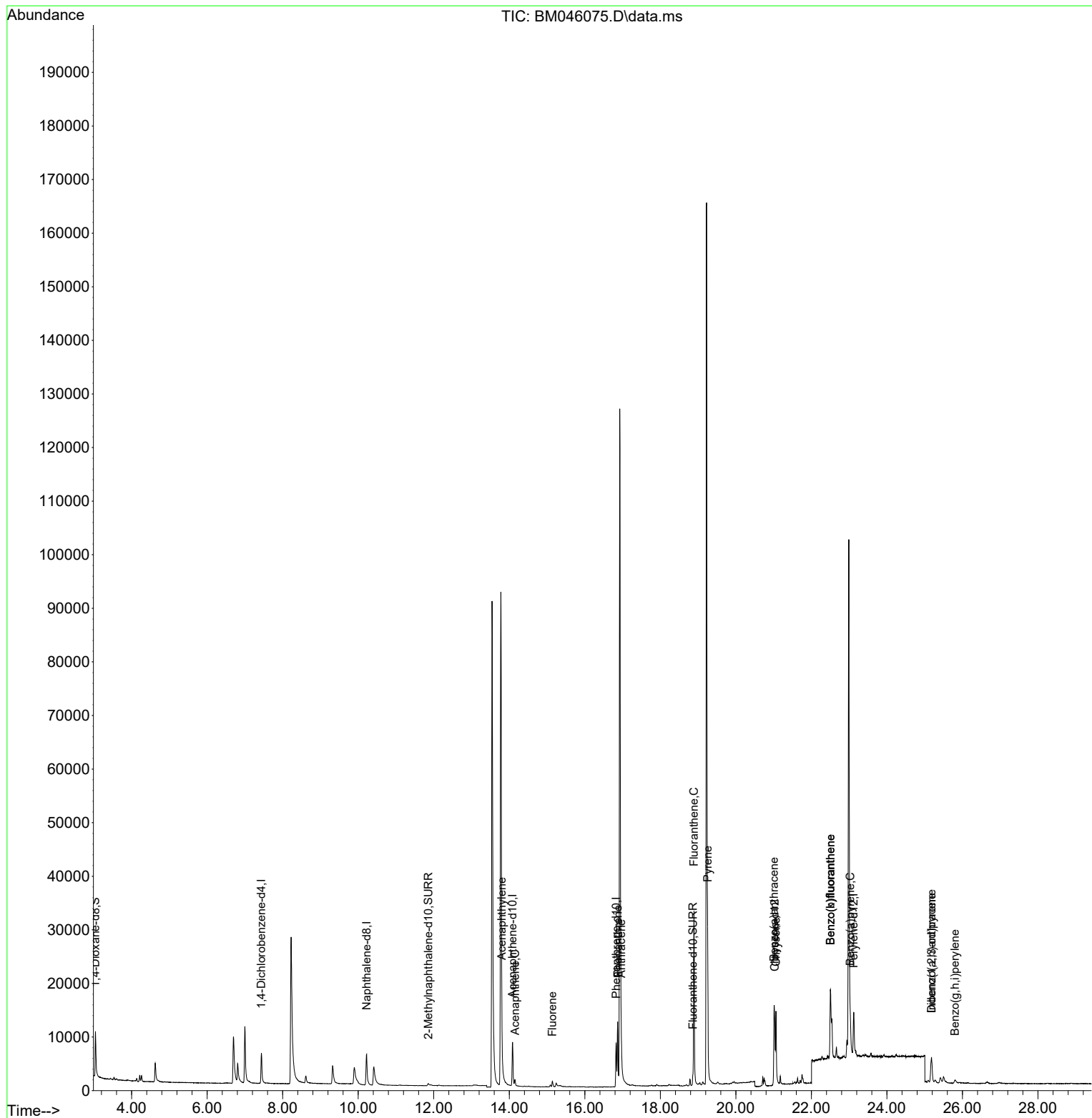
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3637	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.222	136	9880	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.086	164	5436	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	10815	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	8624	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	11906	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	5568	1.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	1012	0.076	ng/ul	0.00
18) Fluoranthene-d10	18.863	212	2230	0.086	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.804	152	805	0.031	ng/ul#	73
11) Acenaphthene	14.151	153	765	0.041	ng/ul	93
12) Fluorene	15.141	166	851	0.043	ng/ul#	97
15) Phenanthrene	16.871	178	14185	0.467	ng/ul	97
16) Anthracene	16.964	178	3056	0.135	ng/ul#	92
19) Fluoranthene	18.891	202	31228	0.836	ng/ul	98
20) Pyrene	19.253	202	22323	0.553	ng/ul	97
21) Benzo(a)anthracene	21.012	228	13517	0.406	ng/ul	98
22) Chrysene	21.061	228	13942	0.328	ng/ul	98
24) Benzo(b)fluoranthene	22.504	252	28861	0.673	ng/ul	96
25) Benzo(k)fluoranthene	22.504	252	28861	0.566	ng/ul	95
26) Benzo(a)pyrene	23.028	252	6995	0.176	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.182	276	7461	0.115	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.182	278	2317	0.048	ng/ul#	54
29) Benzo(g,h,i)perylene	25.799	276	1212	0.022	ng/ul#	39

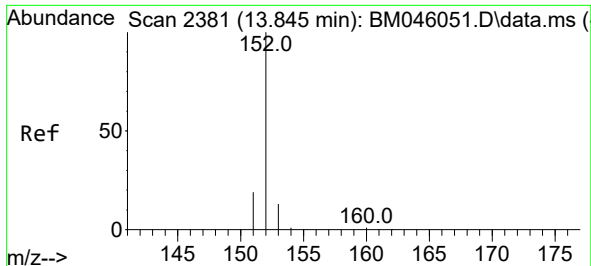
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046075.D
Acq On : 19 Jun 2024 06:18
Operator : MA/JU
Sample : P2696-06DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN4DL

Quant Time: Jun 19 08:26:41 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

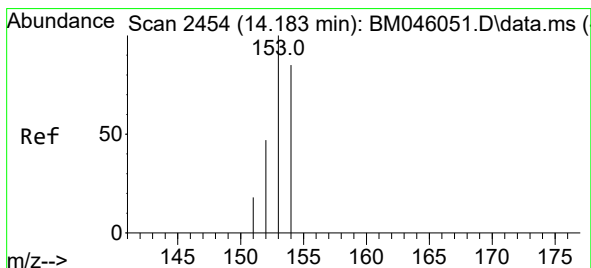
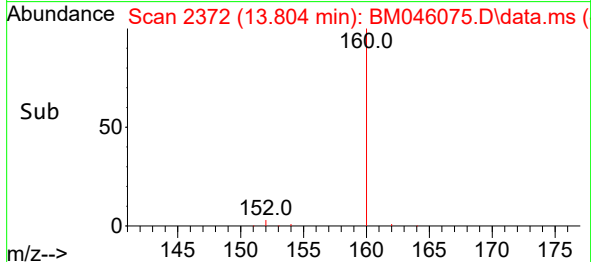
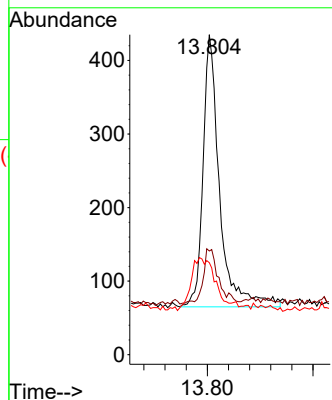
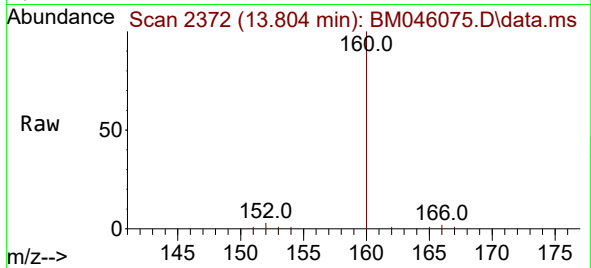




#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.804 min Scan# 21
Delta R.T. -0.031 min
Lab File: BM046075.D
Acq: 19 Jun 2024 06:18

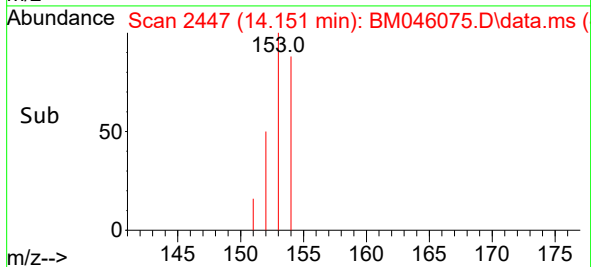
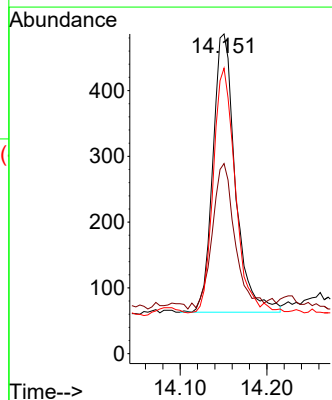
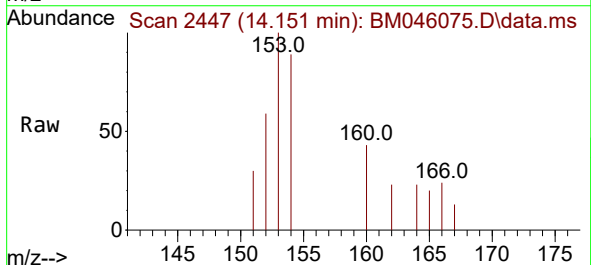
Instrument :
BNA_M
ClientSampleId :
A4BN4DL

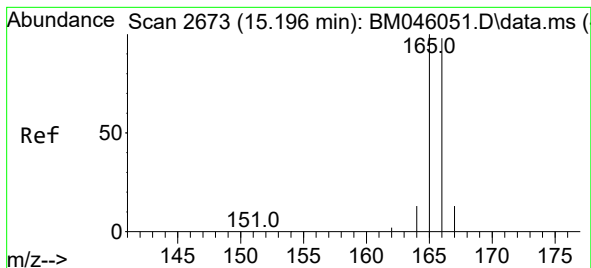
Tgt Ion:152 Resp: 805
Ion Ratio Lower Upper
152 100
151 32.4 17.4 26.2#
153 28.7 11.8 17.8#



#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.151 min Scan# 2447
Delta R.T. -0.022 min
Lab File: BM046075.D
Acq: 19 Jun 2024 06:18

Tgt Ion:153 Resp: 765
Ion Ratio Lower Upper
153 100
152 59.5 41.3 61.9
154 89.3 68.2 102.4





#12

Fluorene

Concen: 0.043 ng/ul

RT: 15.141 min Scan# 2

Delta R.T. -0.040 min

Lab File: BM046075.D

Acq: 19 Jun 2024 06:18

Instrument :

BNA_M

ClientSampleId :

A4BN4DL

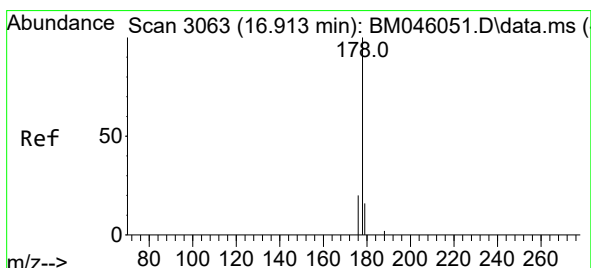
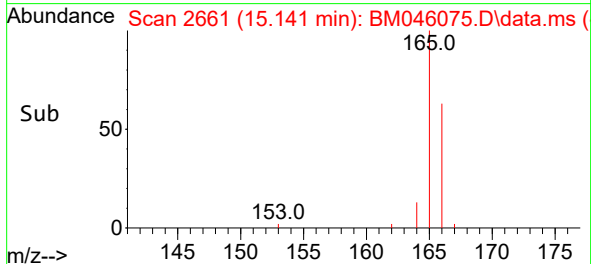
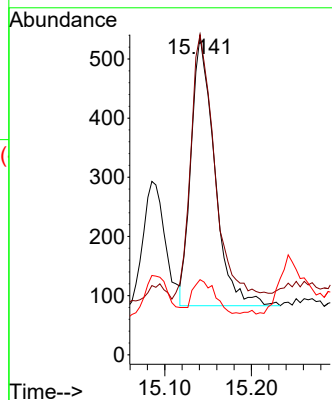
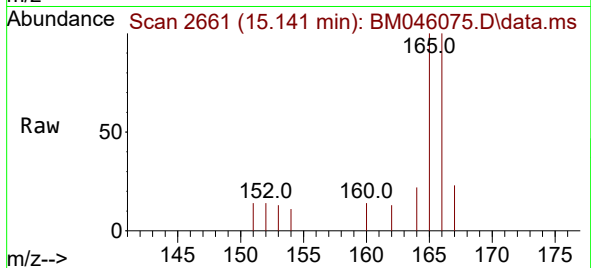
Tgt Ion:166 Resp: 851

Ion Ratio Lower Upper

166 100

165 100.4 80.4 120.6

167 23.6 12.4 18.6#



#15

Phenanthrene

Concen: 0.467 ng/ul

RT: 16.871 min Scan# 3053

Delta R.T. -0.032 min

Lab File: BM046075.D

Acq: 19 Jun 2024 06:18

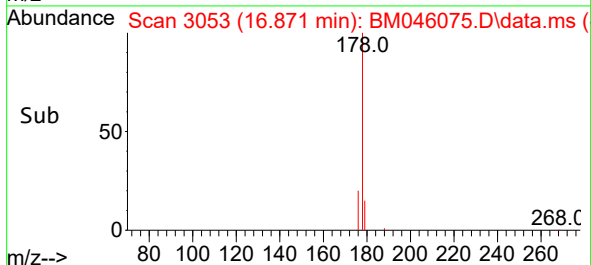
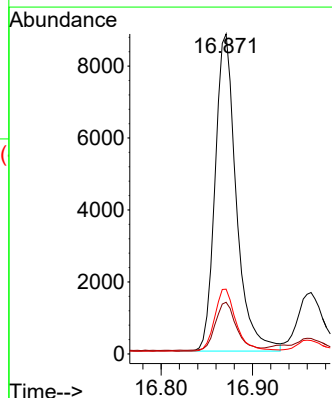
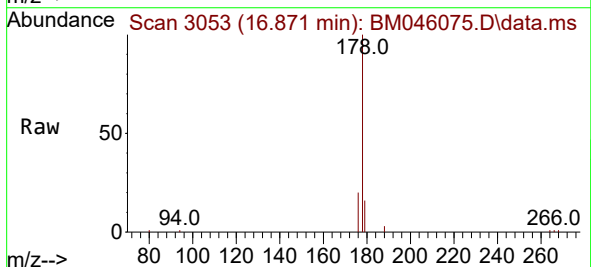
Tgt Ion:178 Resp: 14185

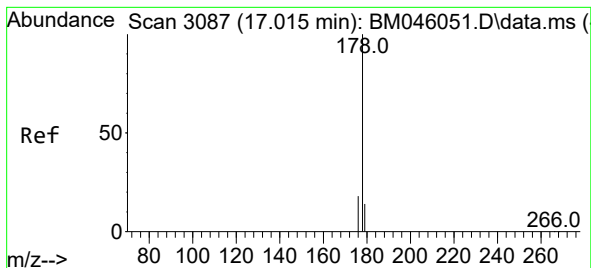
Ion Ratio Lower Upper

178 100

179 16.1 14.2 21.2

176 20.2 17.1 25.7





#16

Anthracene

Concen: 0.135 ng/ul

RT: 16.964 min Scan# 3087

Delta R.T. -0.041 min

Lab File: BM046075.D

Acq: 19 Jun 2024 06:18

Instrument :

BNA_M

ClientSampleId :

A4BN4DL

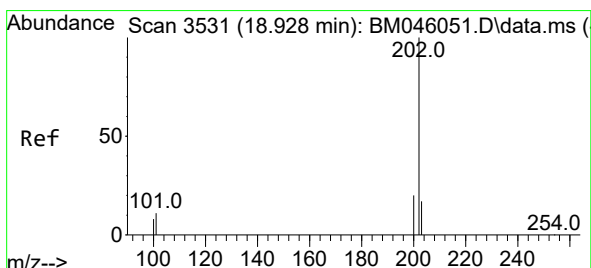
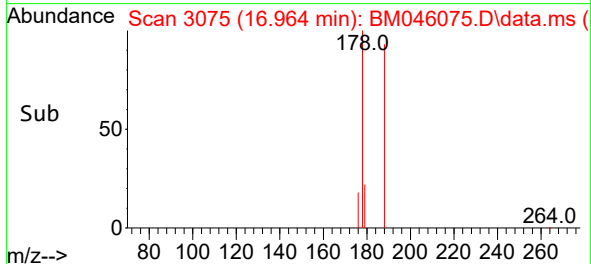
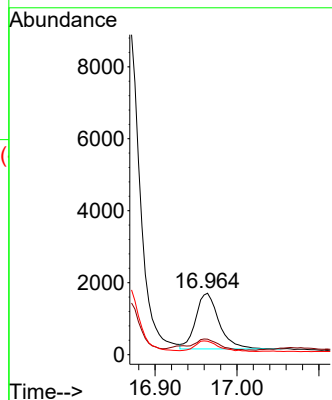
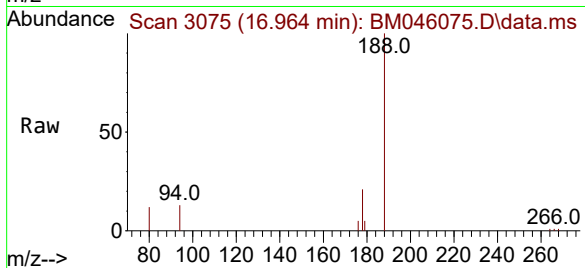
Tgt Ion:178 Resp: 3056

Ion Ratio Lower Upper

178 100

179 25.1 14.9 22.3#

176 21.9 17.0 25.4



#19

Fluoranthene

Concen: 0.836 ng/ul

RT: 18.891 min Scan# 3523

Delta R.T. -0.026 min

Lab File: BM046075.D

Acq: 19 Jun 2024 06:18

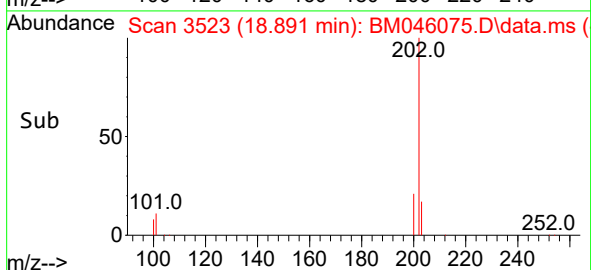
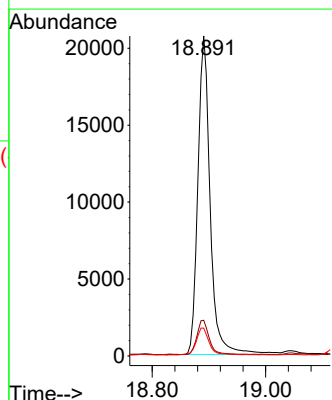
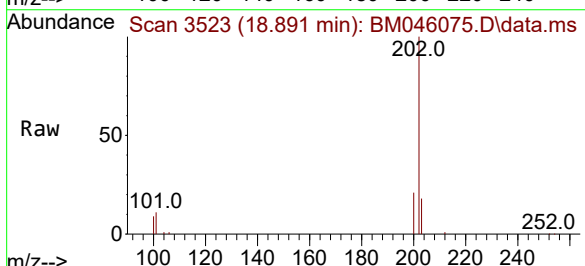
Tgt Ion:202 Resp: 31228

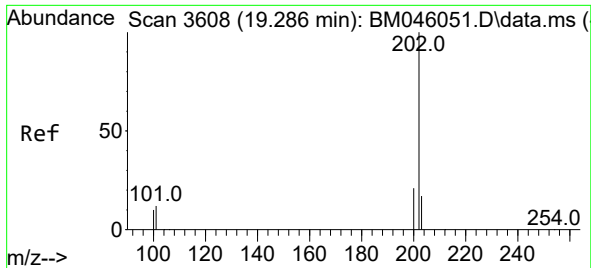
Ion Ratio Lower Upper

202 100

101 11.1 9.6 14.4

100 8.7 7.6 11.4

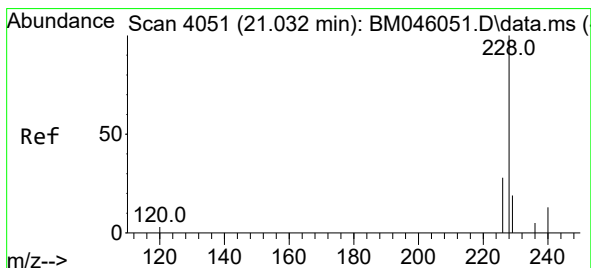
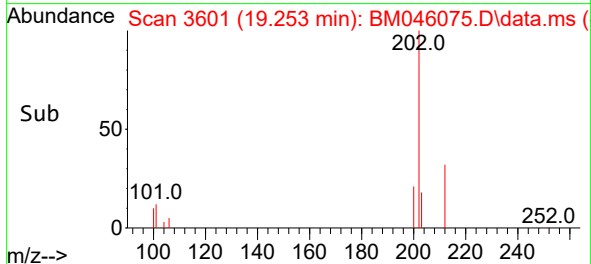
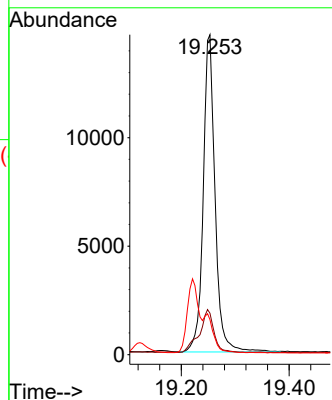
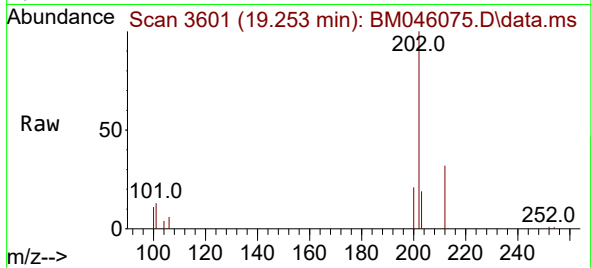




#20
 Pyrene
 Concen: 0.553 ng/ul
 RT: 19.253 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: BM046075.D
 Acq: 19 Jun 2024 06:18

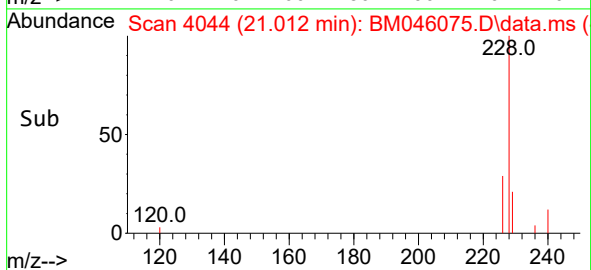
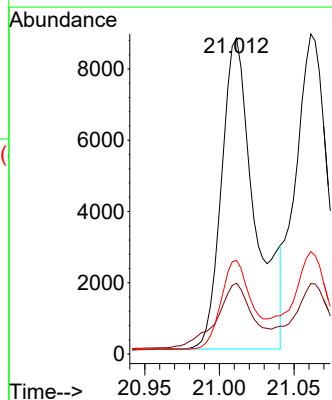
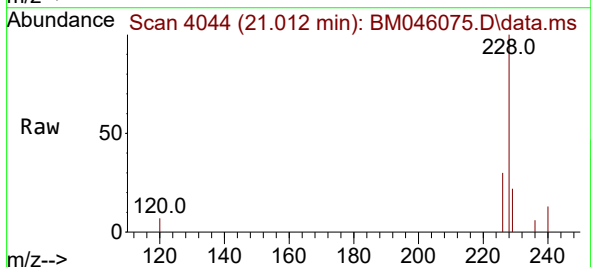
Instrument :
 BNA_M
 ClientSampleId :
 A4BN4DL

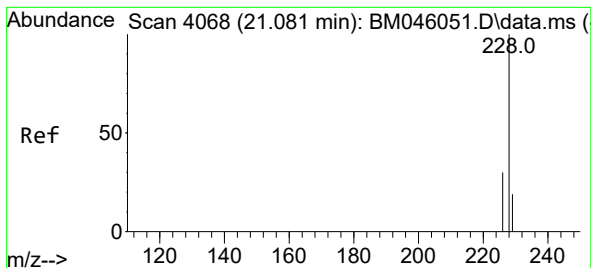
Tgt Ion:	202	Resp:	22323
Ion Ratio	Lower	Upper	
202	100		
101	12.9	11.3	16.9
100	11.0	9.8	14.6



#21
 Benzo(a)anthracene
 Concen: 0.406 ng/ul
 RT: 21.012 min Scan# 4044
 Delta R.T. -0.018 min
 Lab File: BM046075.D
 Acq: 19 Jun 2024 06:18

Tgt Ion:	228	Resp:	13517
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.4	24.6
226	29.7	23.4	35.2





#22

Chrysene

Concen: 0.328 ng/ul

RT: 21.061 min Scan# 4061

Delta R.T. -0.015 min

Lab File: BM046075.D

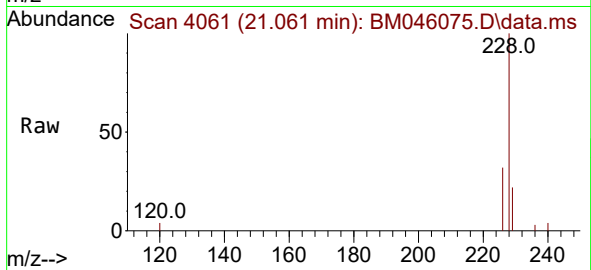
Acq: 19 Jun 2024 06:18

Instrument :

BNA_M

ClientSampleId :

A4BN4DL



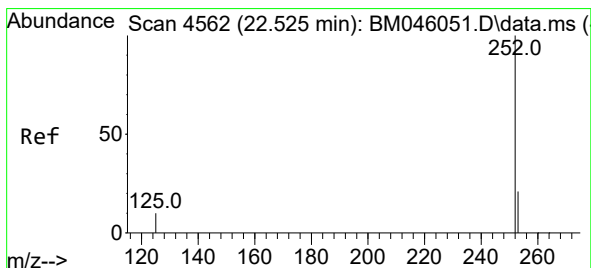
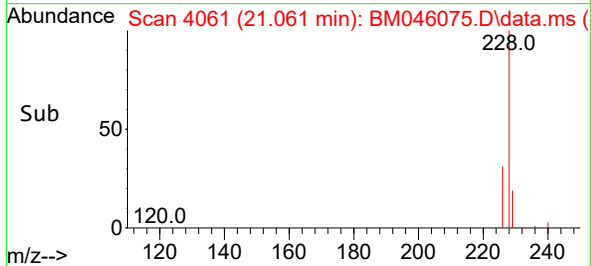
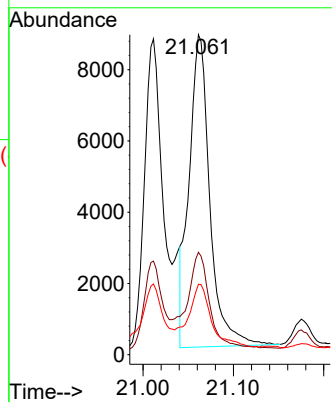
Tgt Ion:228 Resp: 13942

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

229 22.0 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 0.673 ng/ul

RT: 22.504 min Scan# 4555

Delta R.T. -0.015 min

Lab File: BM046075.D

Acq: 19 Jun 2024 06:18

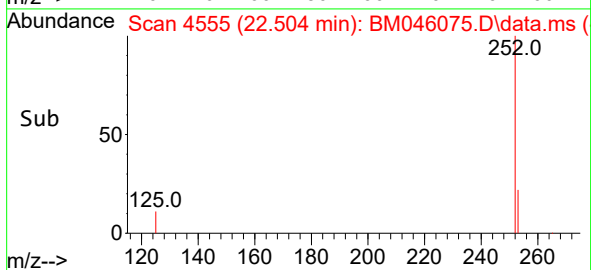
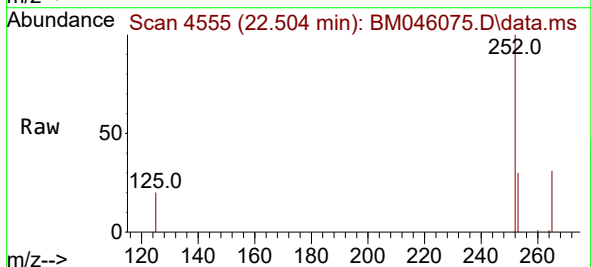
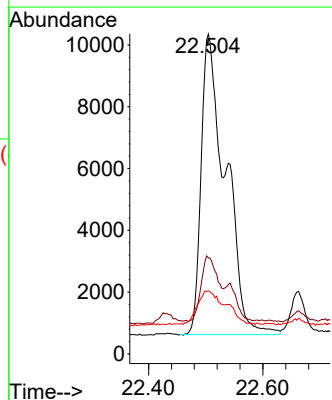
Tgt Ion:252 Resp: 28861

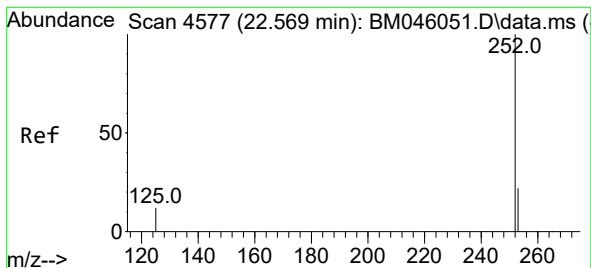
Ion Ratio Lower Upper

252 100

253 30.0 0.0 65.8

125 19.7 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.566 ng/ul

RT: 22.504 min Scan# 4

Delta R.T. -0.059 min

Lab File: BM046075.D

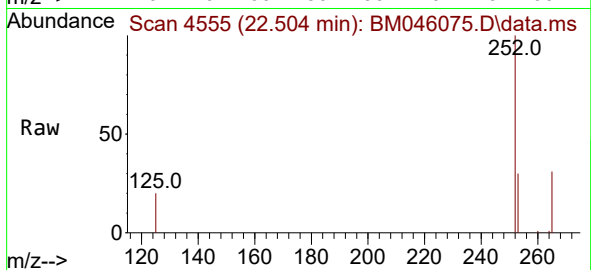
Acq: 19 Jun 2024 06:18

Instrument :

BNA_M

ClientSampleId :

A4BN4DL



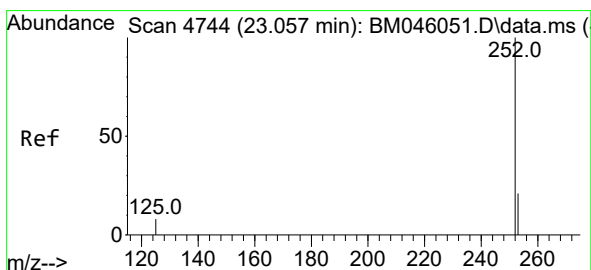
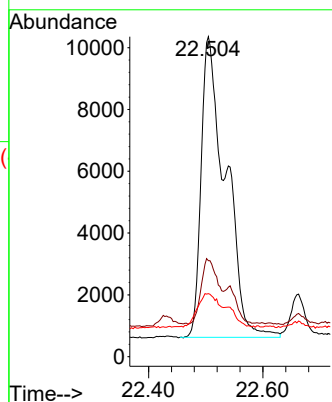
Tgt Ion:252 Resp: 28861

Ion Ratio Lower Upper

252 100

253 30.0 27.2 40.8

125 19.7 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.176 ng/ul

RT: 23.028 min Scan# 4734

Delta R.T. -0.027 min

Lab File: BM046075.D

Acq: 19 Jun 2024 06:18

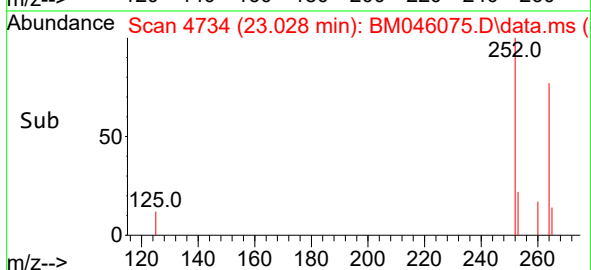
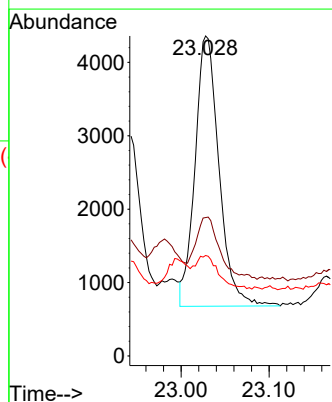
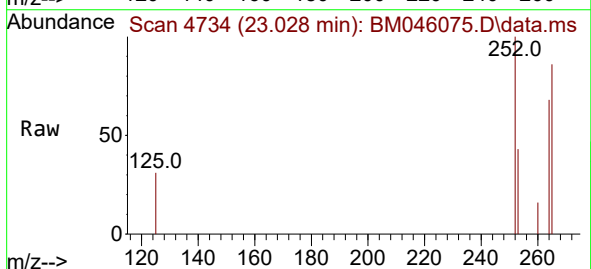
Tgt Ion:252 Resp: 6995

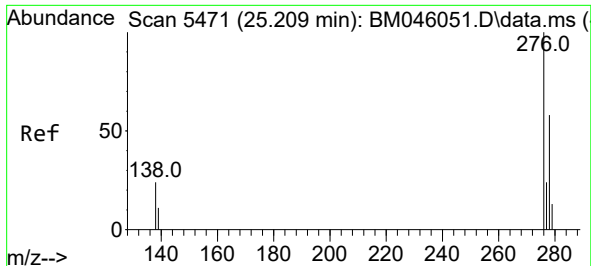
Ion Ratio Lower Upper

252 100

253 43.2 32.1 48.1

125 31.4 21.2 31.8

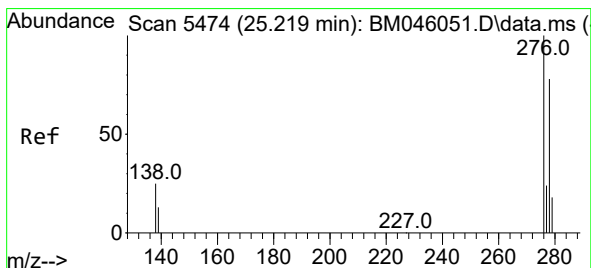
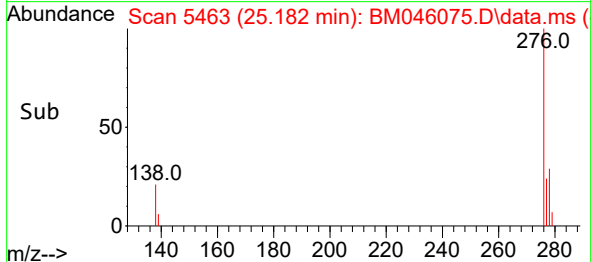
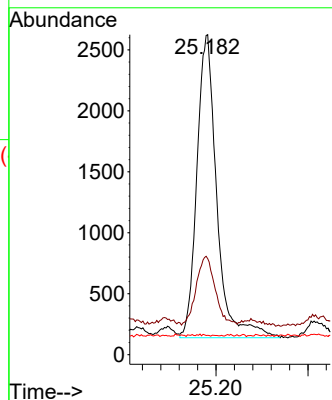
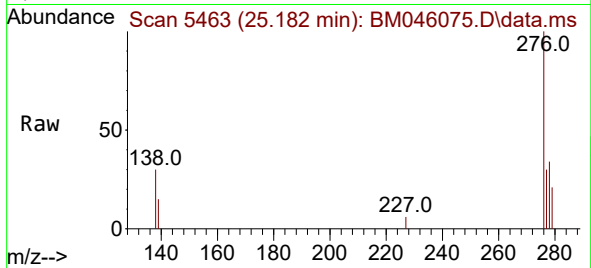




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.182 min Scan# 5463
Delta R.T. -0.020 min
Lab File: BM046075.D
Acq: 19 Jun 2024 06:18

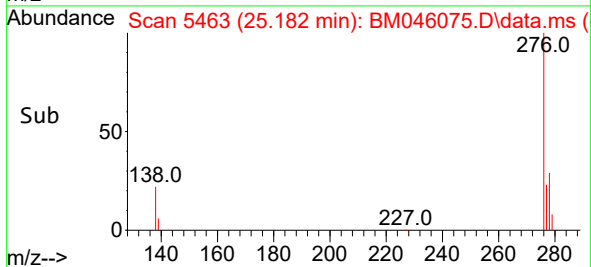
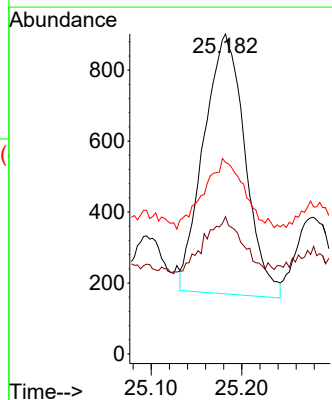
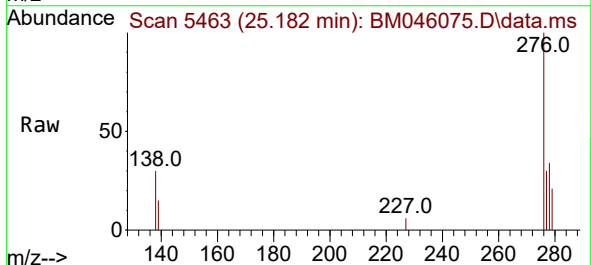
Instrument :
BNA_M
ClientSampleId :
A4BN4DL

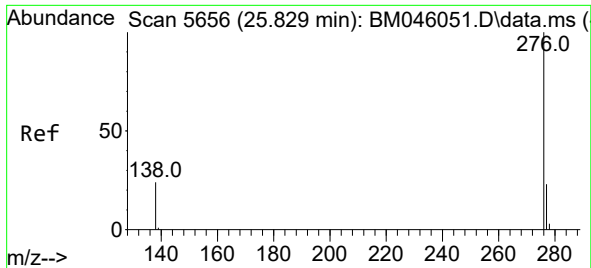
Tgt Ion:276 Resp: 7461
Ion Ratio Lower Upper
276 100
138 21.7 21.0 31.4
227 0.1 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.182 min Scan# 5463
Delta R.T. -0.034 min
Lab File: BM046075.D
Acq: 19 Jun 2024 06:18

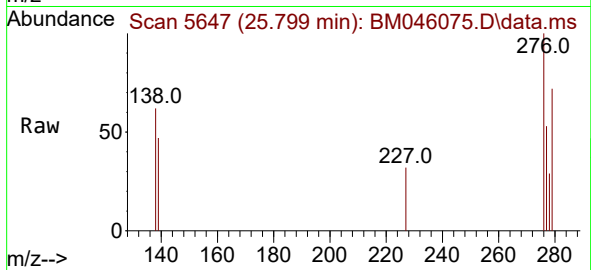
Tgt Ion:278 Resp: 2317
Ion Ratio Lower Upper
278 100
139 42.9 17.6 26.4#
279 59.9 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 25.799 min Scan# 5
 Delta R.T. -0.030 min
 Lab File: BM046075.D
 Acq: 19 Jun 2024 06:18

Instrument :
 BNA_M
 ClientSampleId :
 A4BN4DL



Tgt Ion:276 Resp: 1212
 Ion Ratio Lower Upper
 276 100
 138 61.8 21.7 32.5#
 277 53.5 20.4 30.6#

