

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046074.D
 Acq On : 19 Jun 2024 05:42
 Operator : MA/JU
 Sample : P2695-01DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ0DL

Quant Time: Jun 19 08:26:29 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)

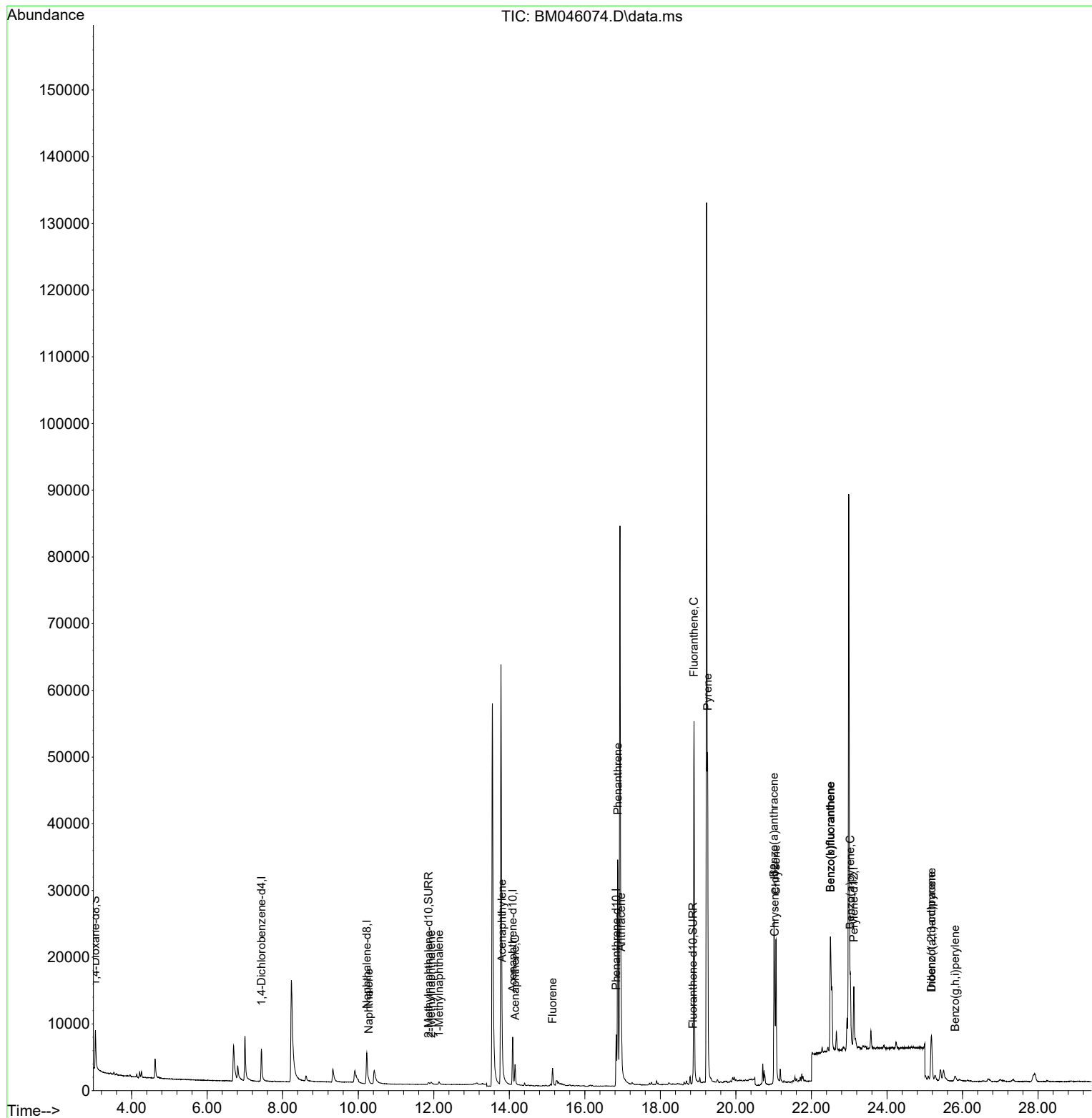
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	3300	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.226	136	9035	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.089	164	5005	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.832	188	10131	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	8678	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	11855	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	4021	0.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	705	0.058	ng/ul	0.00
18) Fluoranthene-d10	18.861	212	1602	0.062	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	929	0.037	ng/ul#	73
7) 2-Methylnaphthalene	11.930	142	423	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.139	142	446	0.029	ng/ul	96
10) Acenaphthylene	13.807	152	1160	0.049	ng/ul#	82
11) Acenaphthene	14.149	153	2132	0.124	ng/ul	100
12) Fluorene	15.144	166	2095	0.114	ng/ul	98
15) Phenanthrene	16.870	178	40313	1.416	ng/ul	96
16) Anthracene	16.963	178	7475	0.353	ng/ul	97
19) Fluoranthene	18.889	202	51782	1.378	ng/ul	98
20) Pyrene	19.252	202	40448	0.995	ng/ul	97
21) Benzo(a)anthracene	21.009	228	22534	0.672	ng/ul	99
22) Chrysene	21.061	228	22014	0.515	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	38576	0.903	ng/ul	93
25) Benzo(k)fluoranthene	22.502	252	38576	0.760	ng/ul	92
26) Benzo(a)pyrene	23.028	252	11130	0.281	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.175	276	10520	0.162	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.179	278	3395	0.070	ng/ul#	71
29) Benzo(g,h,i)perylene	25.806	276	1709	0.031	ng/ul#	53

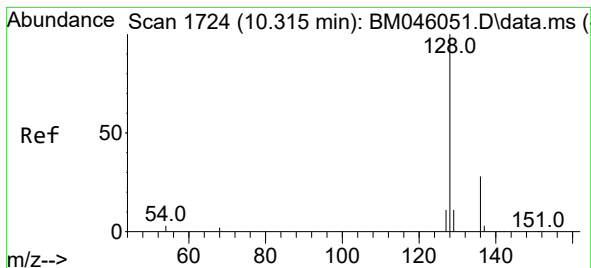
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046074.D
Acq On : 19 Jun 2024 05:42
Operator : MA/JU
Sample : P2695-01DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

Quant Time: Jun 19 08:26:29 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: 0.037 ng/ul

RT: 10.275 min Scan# 1

Delta R.T. -0.028 min

Lab File: BM046074.D

Acq: 19 Jun 2024 05:42

Instrument :

BNA_M

ClientSampleId :

A4BJ0DL

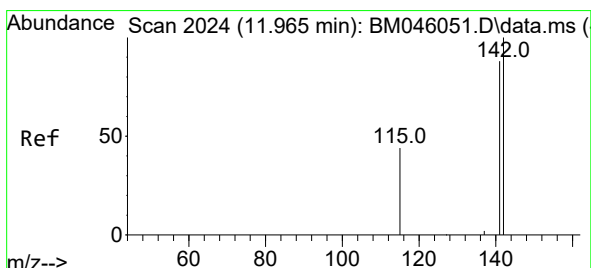
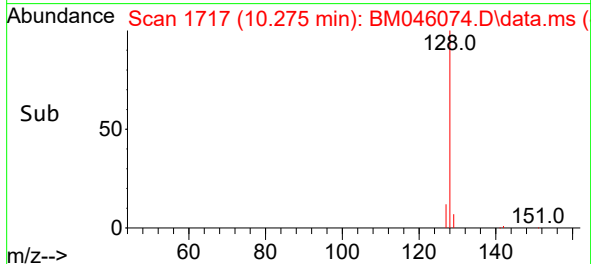
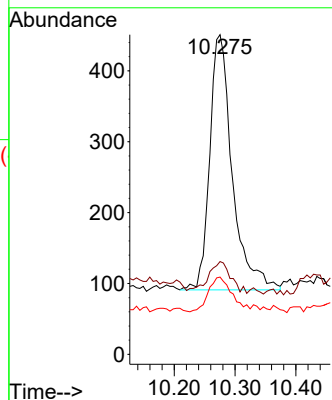
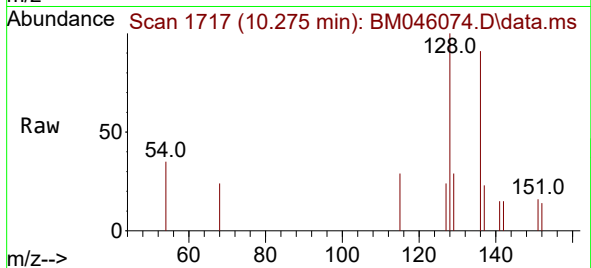
Tgt Ion:128 Resp: 929

Ion Ratio Lower Upper

128 100

129 29.0 11.8 17.6#

127 24.2 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 11.930 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BM046074.D

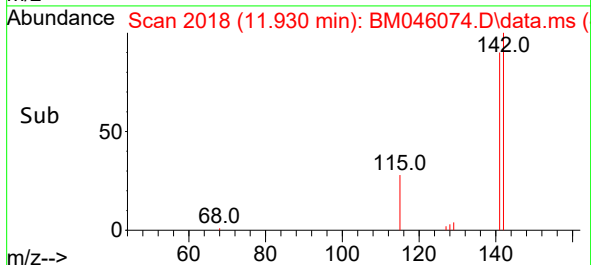
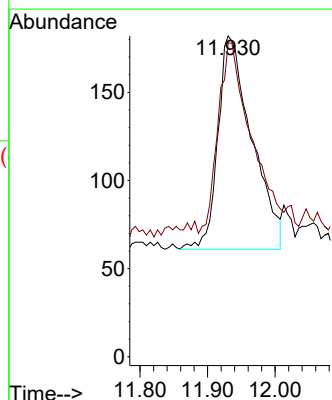
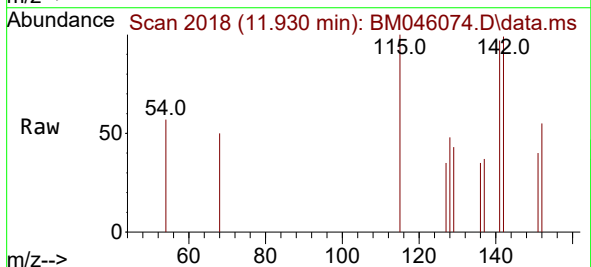
Acq: 19 Jun 2024 05:42

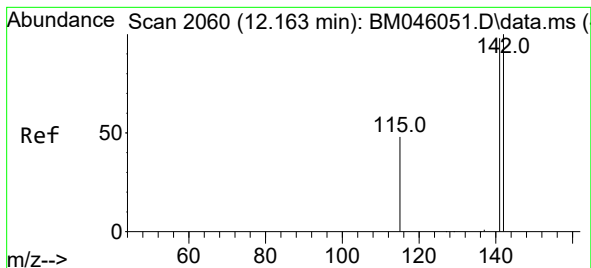
Tgt Ion:142 Resp: 423

Ion Ratio Lower Upper

142 100

141 90.8 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.139 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BM046074.D

Acq: 19 Jun 2024 05:42

Instrument :

BNA_M

ClientSampleId :

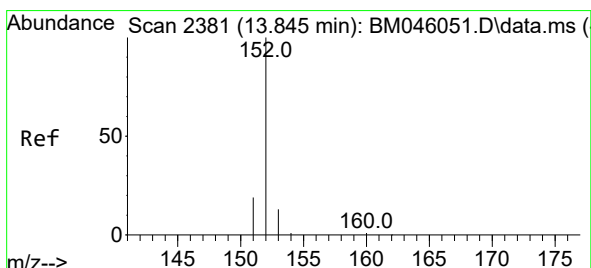
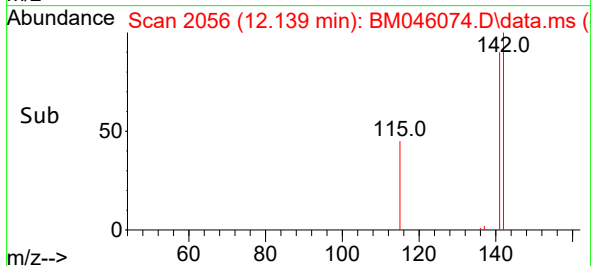
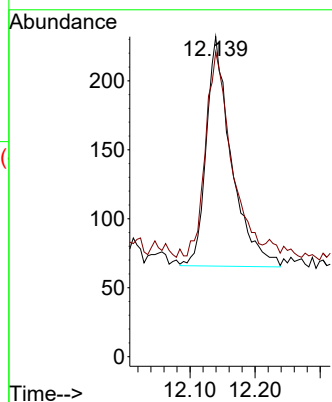
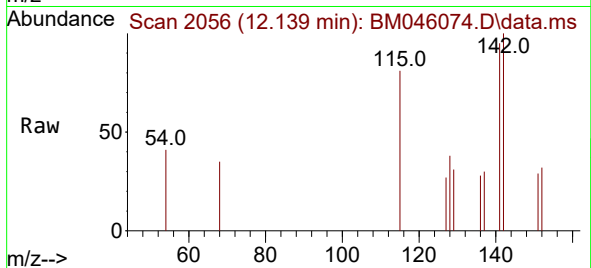
A4BJ0DL

Tgt Ion:142 Resp: 446

Ion Ratio Lower Upper

142 100

141 97.8 75.2 112.8



#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.807 min Scan# 2373

Delta R.T. -0.028 min

Lab File: BM046074.D

Acq: 19 Jun 2024 05:42

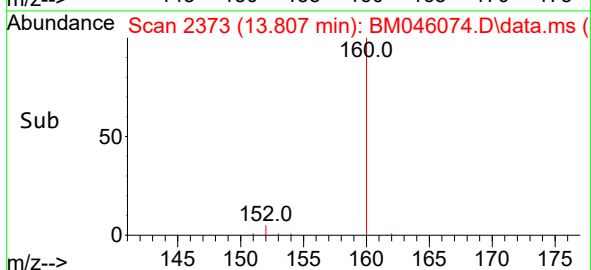
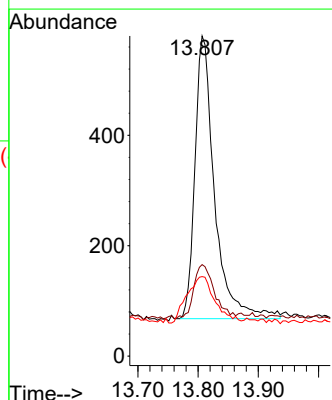
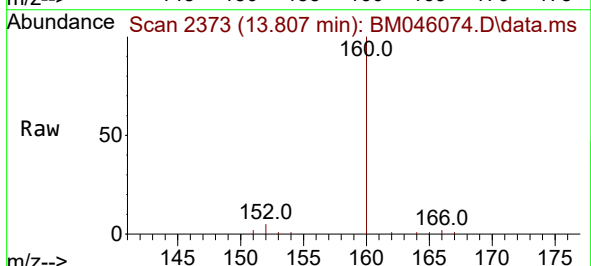
Tgt Ion:152 Resp: 1160

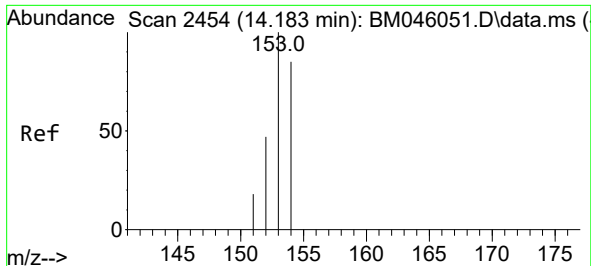
Ion Ratio Lower Upper

152 100

151 28.6 17.4 26.2#

153 24.8 11.8 17.8#

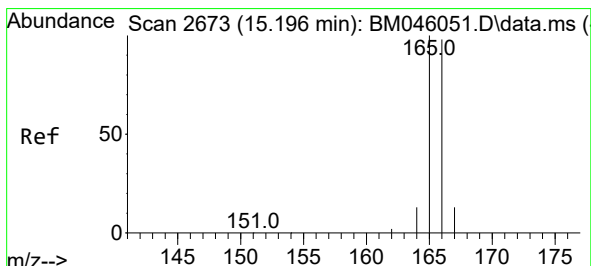
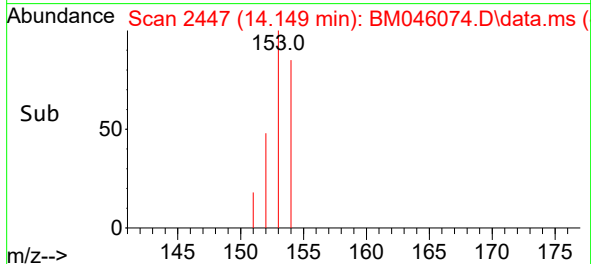
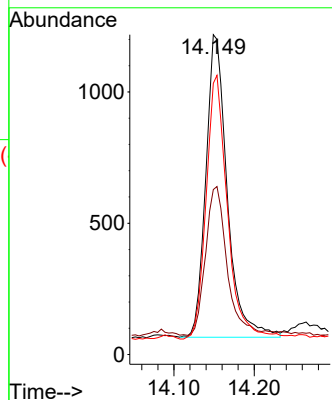
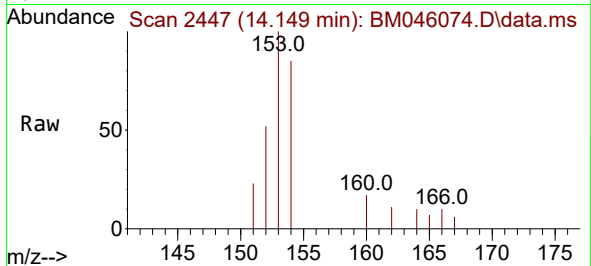




#11
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.149 min Scan# 2447
Delta R.T. -0.023 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

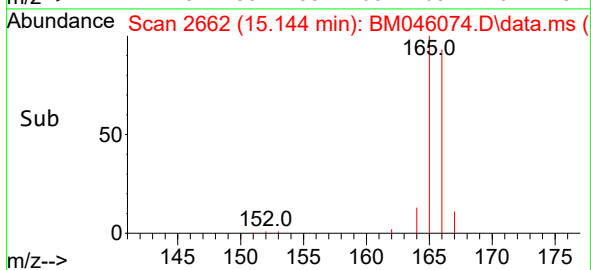
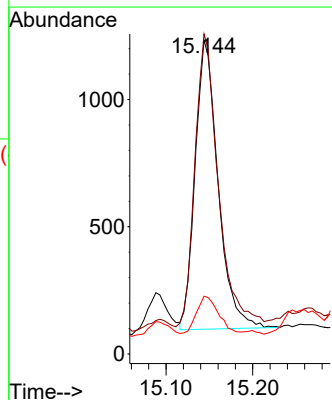
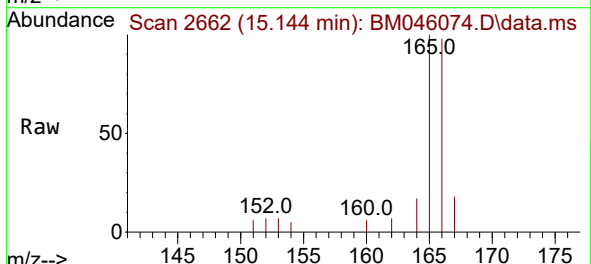
Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

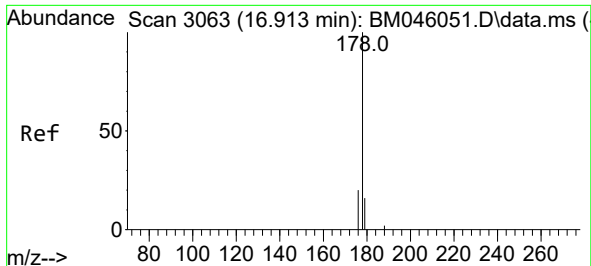
Tgt Ion:153 Resp: 2132
Ion Ratio Lower Upper
153 100
152 51.6 41.3 61.9
154 84.8 68.2 102.4



#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.144 min Scan# 2662
Delta R.T. -0.037 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

Tgt Ion:166 Resp: 2095
Ion Ratio Lower Upper
166 100
165 101.9 80.4 120.6
167 18.4 12.4 18.6

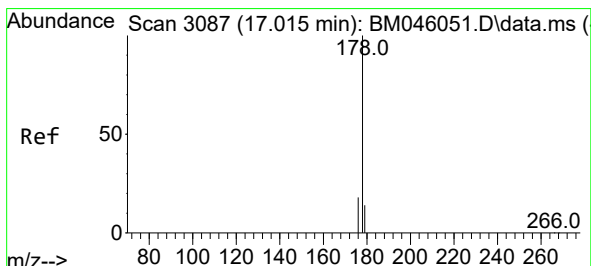
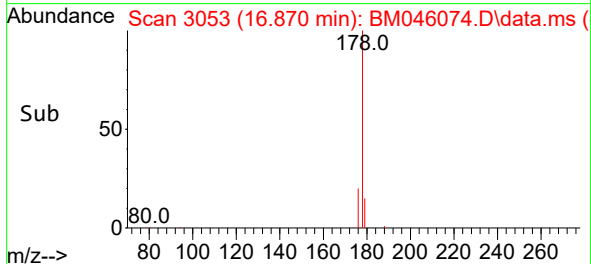
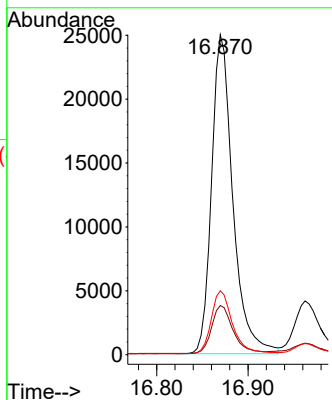
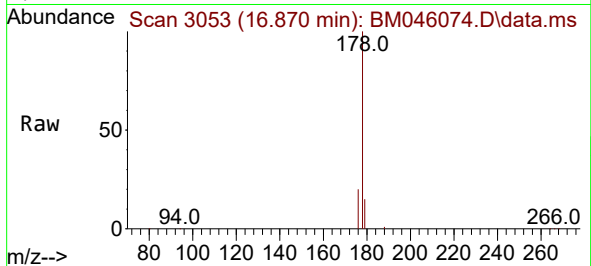




#15
Phenanthrene
Concen: 1.416 ng/ul
RT: 16.870 min Scan# 3063
Delta R.T. -0.034 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

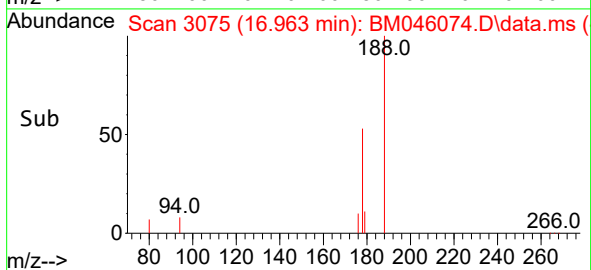
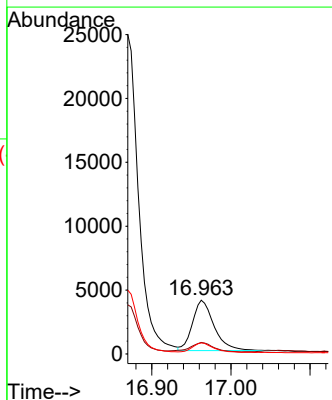
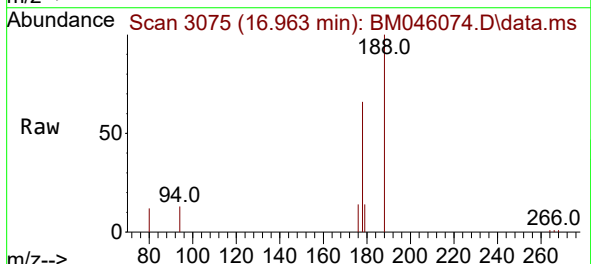
Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

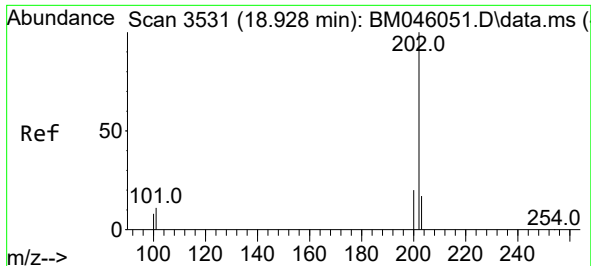
Tgt Ion:178 Resp: 40313
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 20.0 17.1 25.7



#16
Anthracene
Concen: 0.353 ng/ul
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

Tgt Ion:178 Resp: 7475
Ion Ratio Lower Upper
178 100
179 21.4 14.9 22.3
176 20.7 17.0 25.4

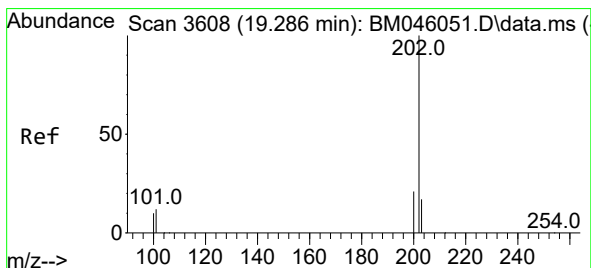
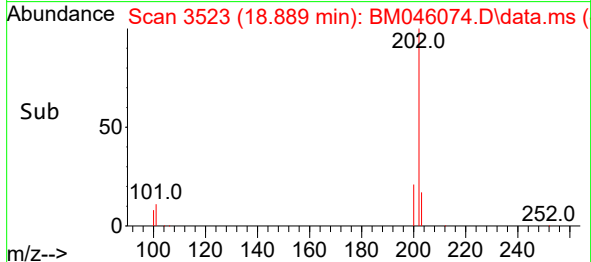
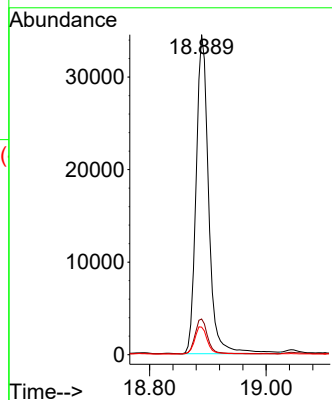
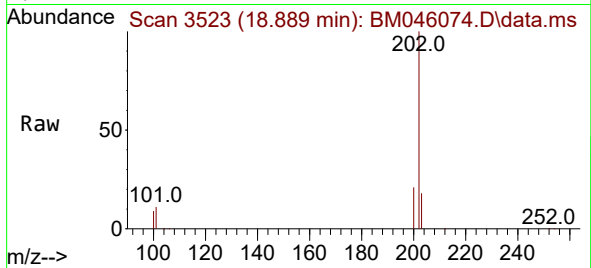




#19
Fluoranthene
Concen: 1.378 ng/ul
RT: 18.889 min Scan# 3523
Delta R.T. -0.028 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

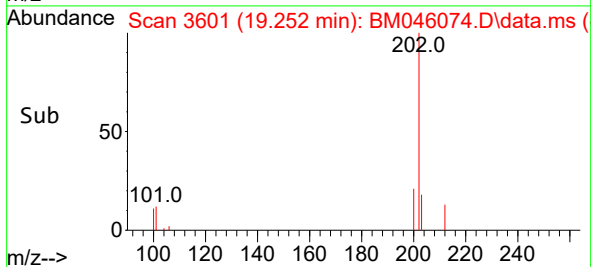
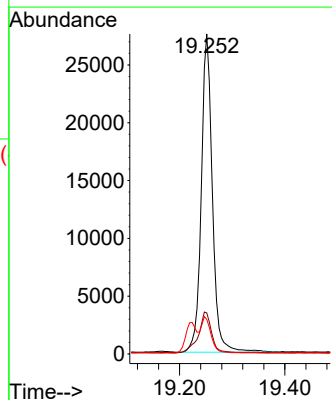
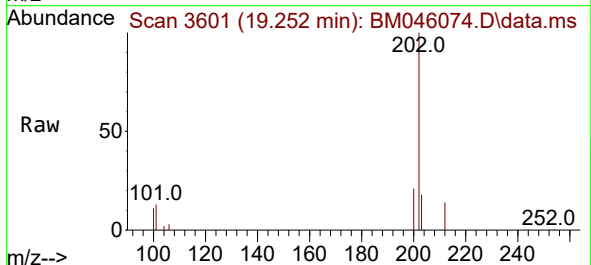
Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

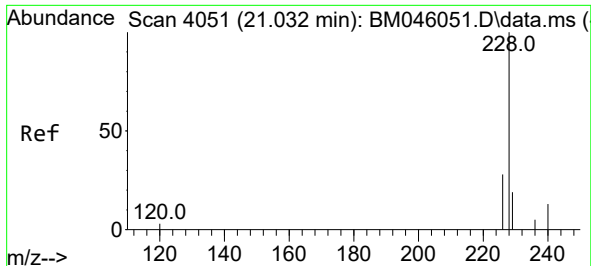
Tgt Ion:202 Resp: 51782
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 8.6 7.6 11.4



#20
Pyrene
Concen: 0.995 ng/ul
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

Tgt Ion:202 Resp: 40448
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.8 9.8 14.6

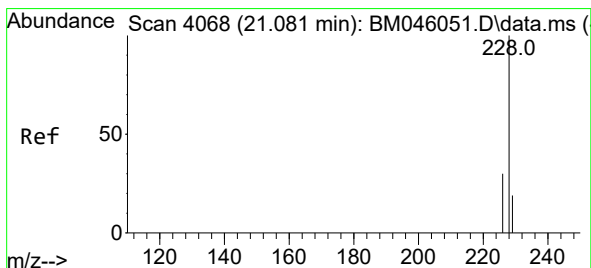
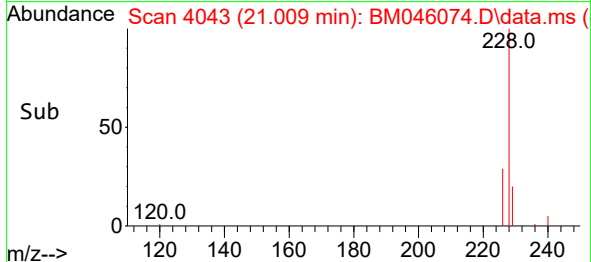
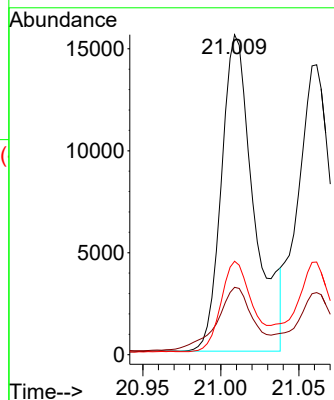
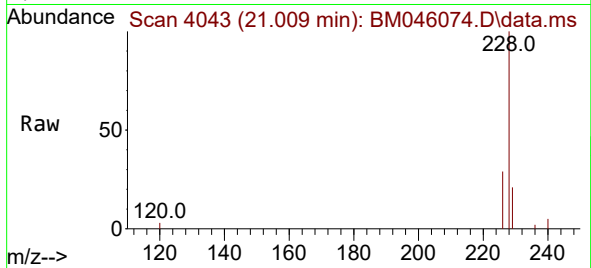




#21
Benzo(a)anthracene
Concen: 0.672 ng/ul
RT: 21.009 min Scan# 4051
Delta R.T. -0.021 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

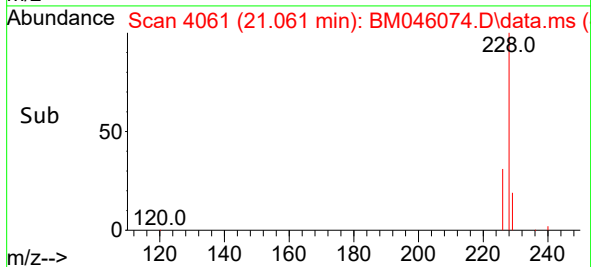
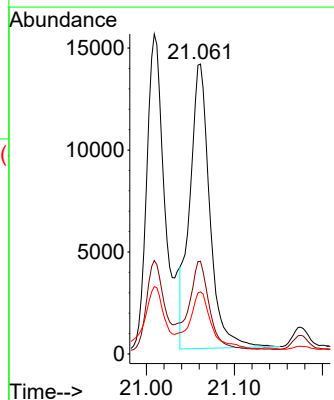
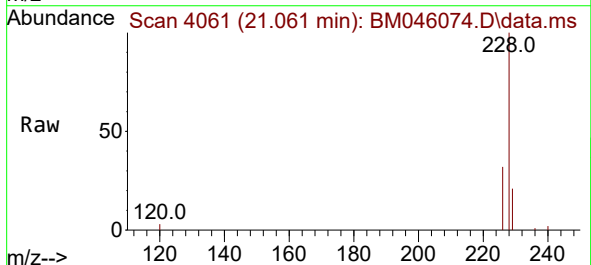
Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

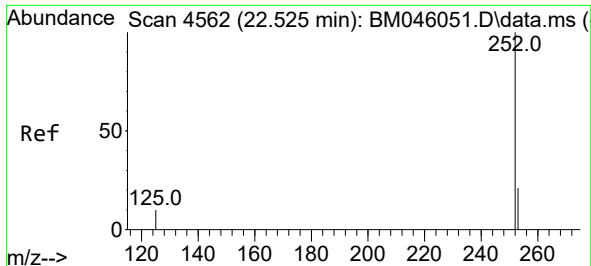
Tgt Ion:228 Resp: 22534
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 29.2 23.4 35.2



#22
Chrysene
Concen: 0.515 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.015 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

Tgt Ion:228 Resp: 22014
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 21.4 16.3 24.5

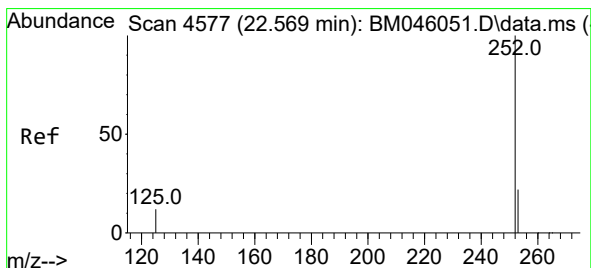
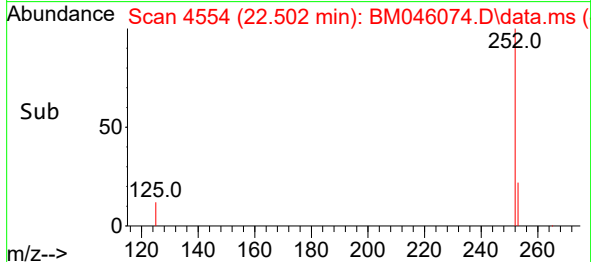
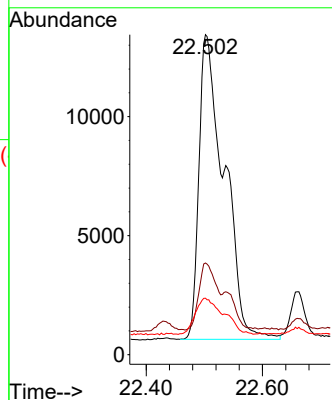
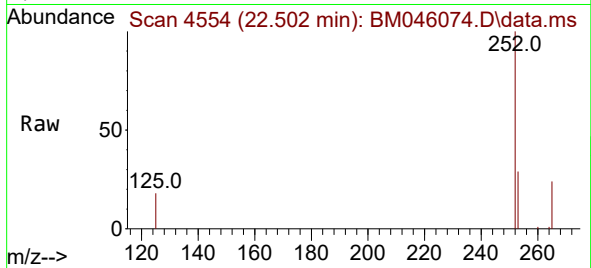




#24
Benzo(b)fluoranthene
Concen: 0.903 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

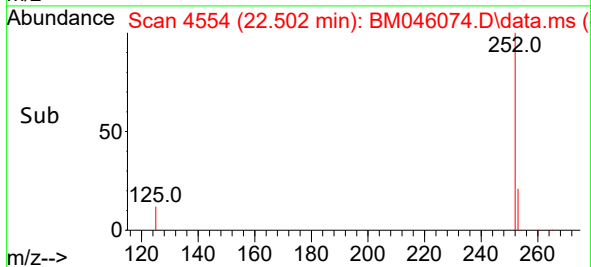
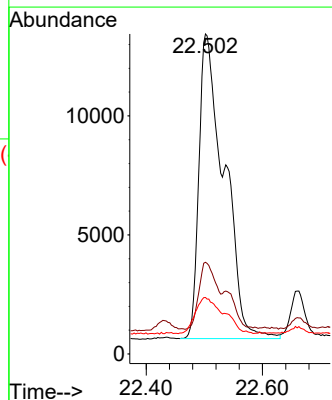
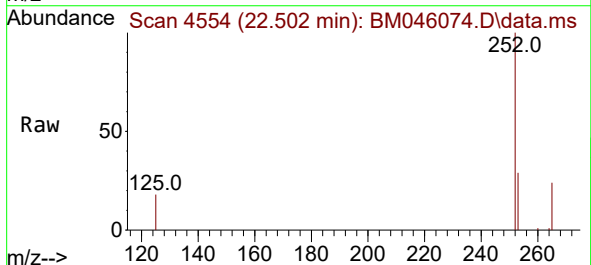
Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

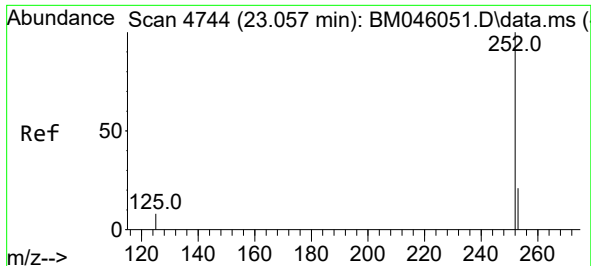
Tgt Ion:252 Resp: 38576
Ion Ratio Lower Upper
252 100
253 28.6 0.0 65.8
125 17.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.760 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.062 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

Tgt Ion:252 Resp: 38576
Ion Ratio Lower Upper
252 100
253 28.6 27.2 40.8
125 17.6 16.6 25.0

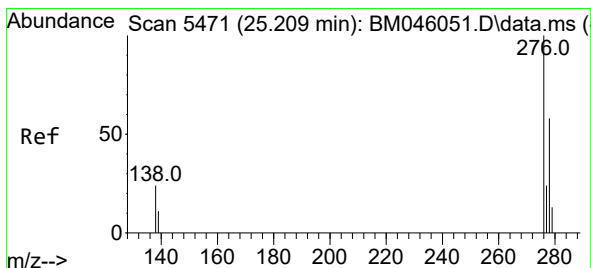
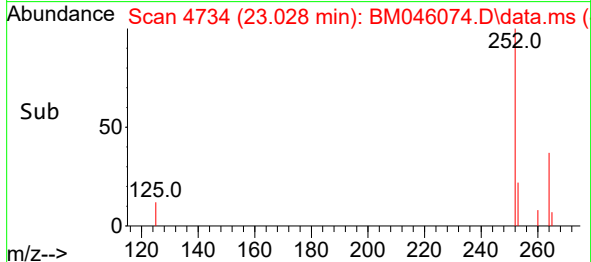
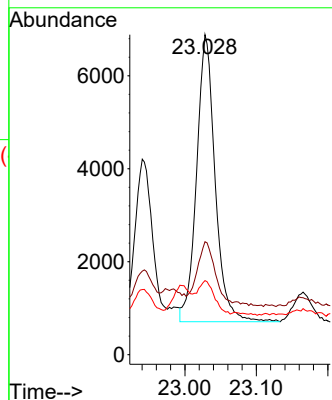
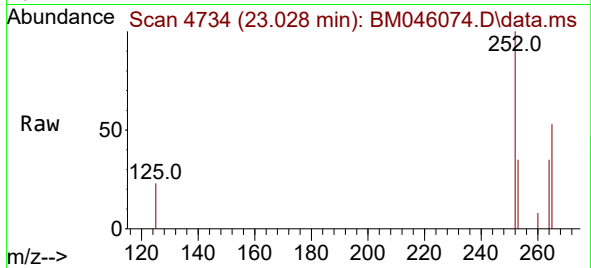




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.026 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

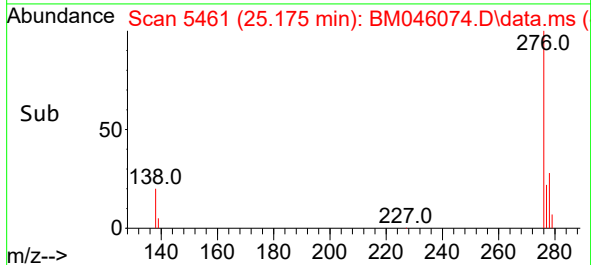
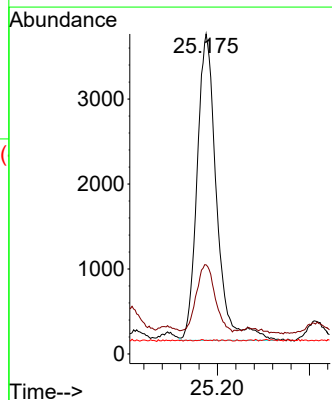
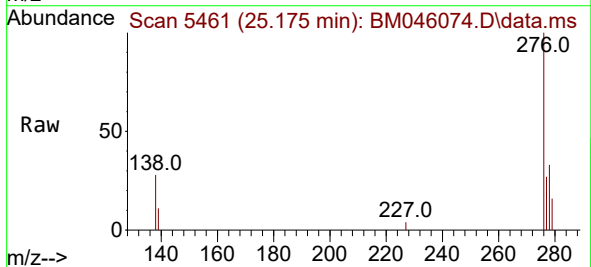
Instrument :
BNA_M
ClientSampleId :
A4BJ0DL

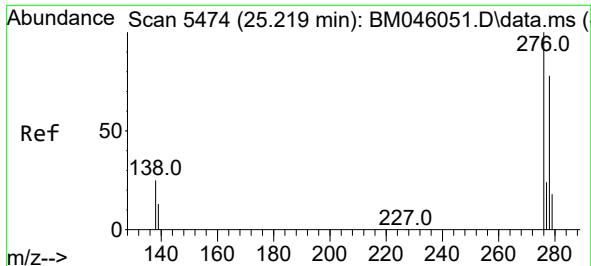
Tgt Ion:252 Resp: 11130
Ion Ratio Lower Upper
252 100
253 35.3 32.1 48.1
125 23.1 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.027 min
Lab File: BM046074.D
Acq: 19 Jun 2024 05:42

Tgt Ion:276 Resp: 10520
Ion Ratio Lower Upper
276 100
138 21.1 21.0 31.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.070 ng/ul

RT: 25.179 min Scan# 54

Delta R.T. -0.037 min

Lab File: BM046074.D

Acq: 19 Jun 2024 05:42

Instrument :

BNA_M

ClientSampleId :

A4BJ0DL

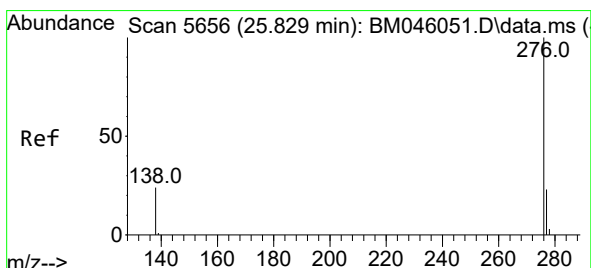
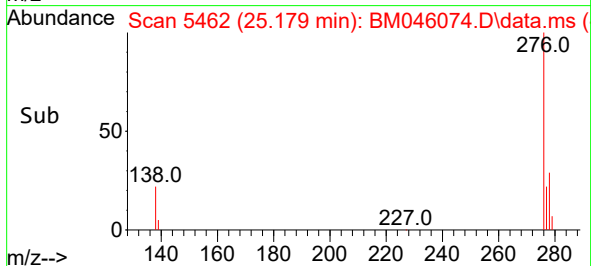
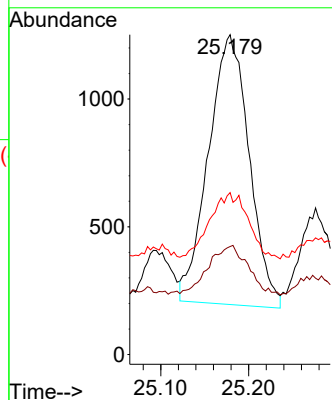
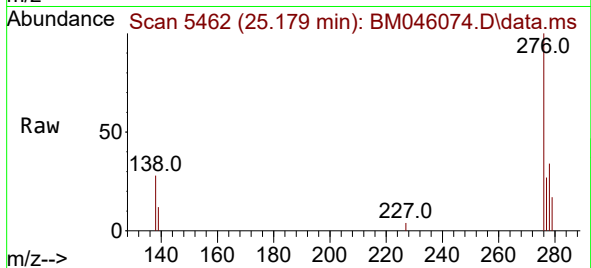
Tgt Ion:278 Resp: 3395

Ion Ratio Lower Upper

278 100

139 33.8 17.6 26.4#

279 50.6 26.3 39.5#



#29

Benzo(g,h,i)perylene

Concen: 0.031 ng/ul

RT: 25.806 min Scan# 5649

Delta R.T. -0.024 min

Lab File: BM046074.D

Acq: 19 Jun 2024 05:42

Tgt Ion:276 Resp: 1709

Ion Ratio Lower Upper

276 100

138 55.4 21.7 32.5#

277 45.6 20.4 30.6#

