

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046092.D
 Acq On : 19 Jun 2024 18:51
 Operator : MA/JU
 Sample : P2695-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK1DL

Quant Time: Jun 19 22:49:56 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)

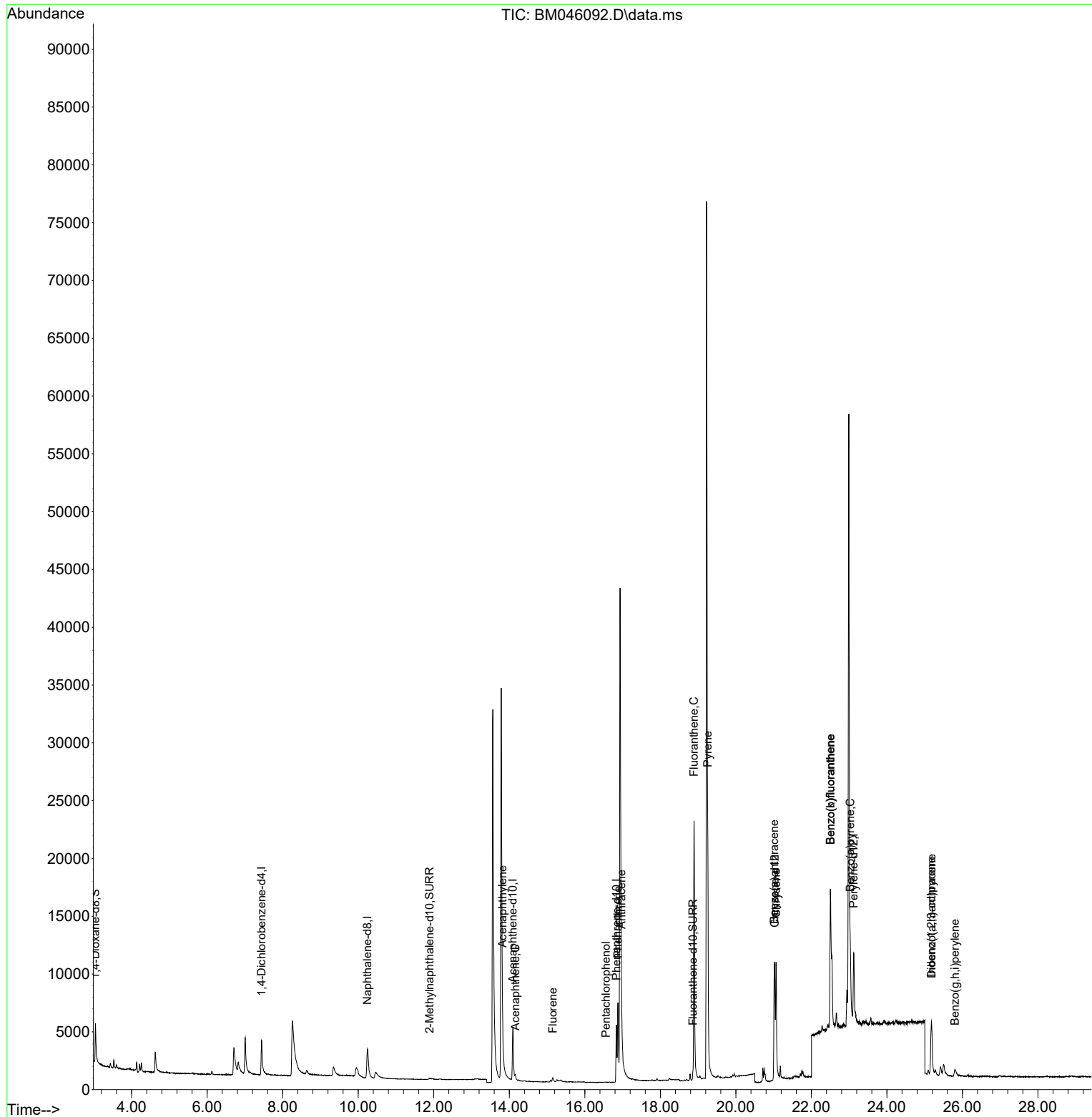
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2444	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.243	136	6615	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	3726	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.837	188	7213	0.400	ng/ul	-0.02
17) Chrysene-d12	21.029	240	6132	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	9182	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2254	0.672	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	427	0.048	ng/ul	0.02
18) Fluoranthene-d10	18.863	212	1013	0.055	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.817	152	496	0.028	ng/ul#	55
11) Acenaphthene	14.160	153	273	0.021	ng/ul#	91
12) Fluorene	15.154	166	384	0.028	ng/ul#	92
14) Pentachlorophenol	16.558	266	51	0.024	ng/ul#	38
15) Phenanthrene	16.875	178	9039	0.446	ng/ul	99
16) Anthracene	16.968	178	1651	0.109	ng/ul#	82
19) Fluoranthene	18.890	202	24310	0.916	ng/ul	99
20) Pyrene	19.253	202	17639	0.614	ng/ul	100
21) Benzo(a)anthracene	21.014	228	9833	0.415	ng/ul	99
22) Chrysene	21.064	228	11564	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.504	252	27019	0.817	ng/ul	96
25) Benzo(k)fluoranthene	22.504	252	27019	0.687	ng/ul	94
26) Benzo(a)pyrene	23.028	252	6296	0.205	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.178	276	7646	0.152	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.182	278	2206	0.059	ng/ul#	62
29) Benzo(g,h,i)perylene	25.802	276	1320	0.031	ng/ul#	50

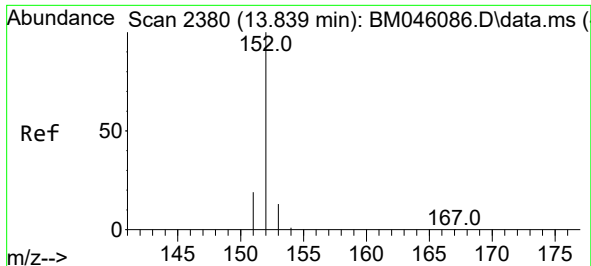
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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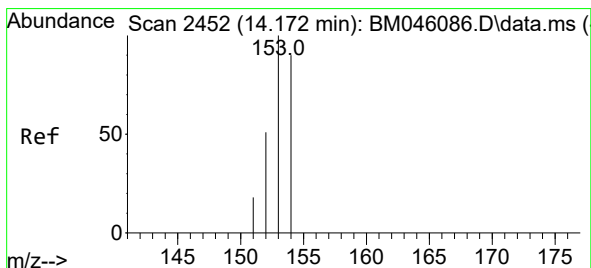
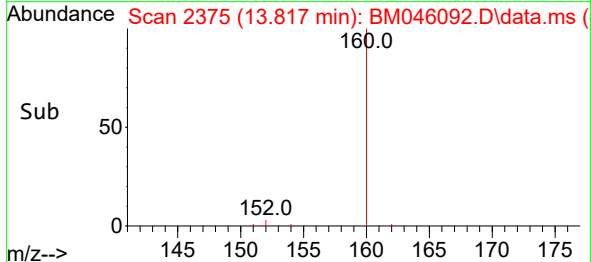
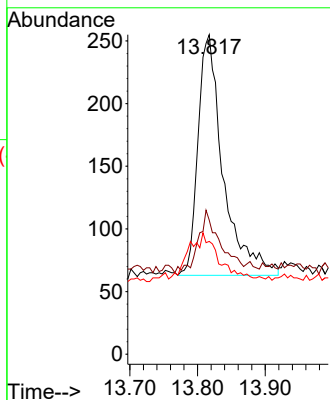
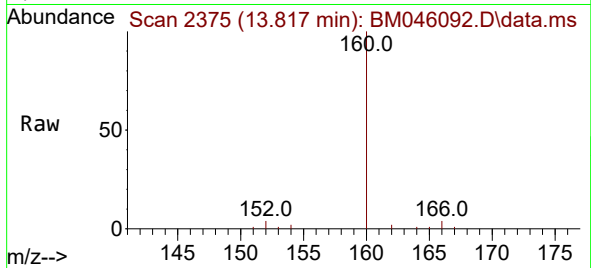




#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.817 min Scan# 211
Delta R.T. -0.017 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

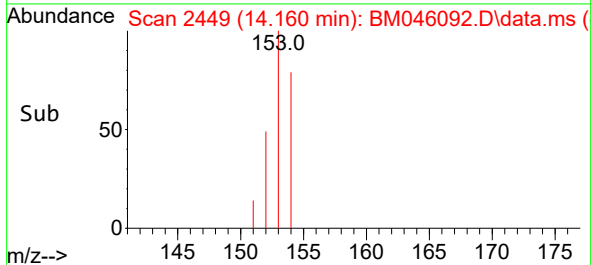
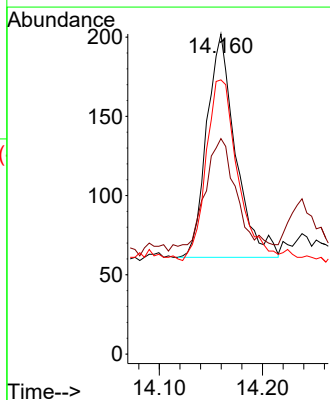
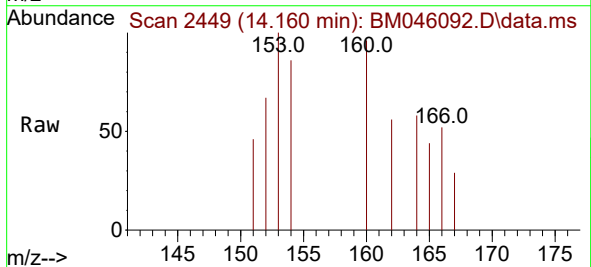
Instrument :
BNA_M
ClientSampleId :
A4BK1DL

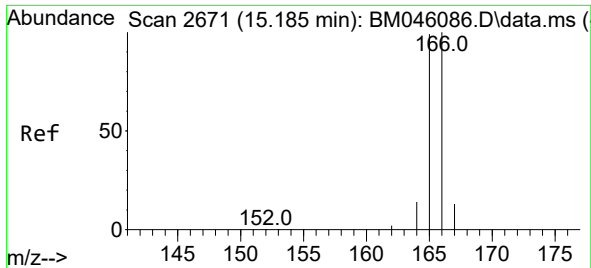
Tgt Ion:152 Resp: 496
Ion Ratio Lower Upper
152 100
151 42.0 17.4 26.2#
153 35.3 11.8 17.8#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.160 min Scan# 2449
Delta R.T. -0.013 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:153 Resp: 273
Ion Ratio Lower Upper
153 100
152 67.3 41.3 61.9#
154 85.6 68.2 102.4

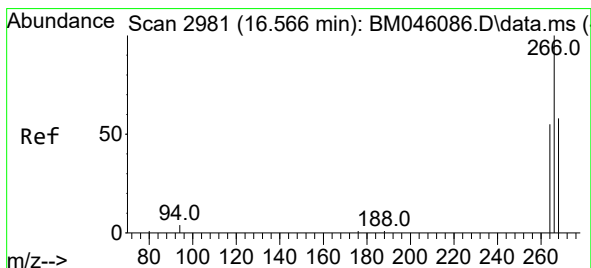
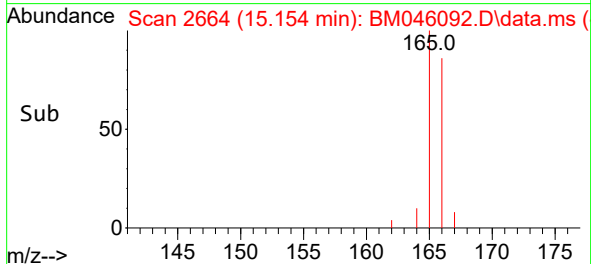
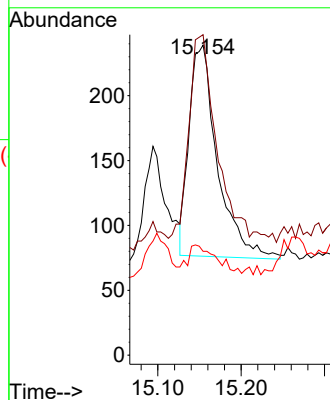
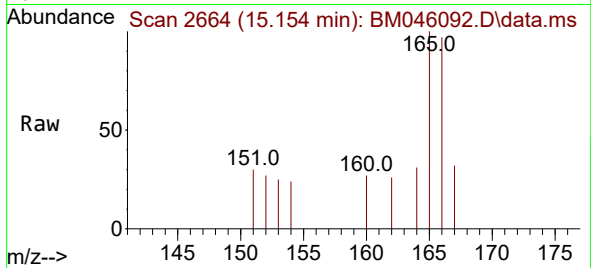




#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.154 min Scan# 2079
Delta R.T. -0.027 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

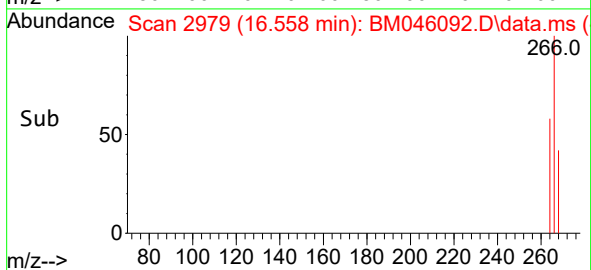
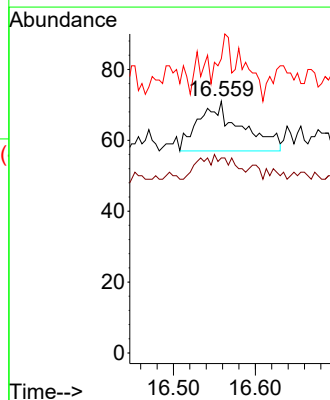
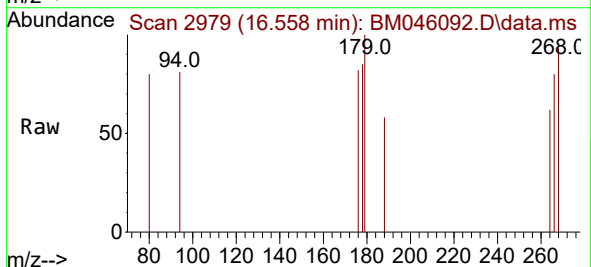
Instrument :
BNA_M
ClientSampleId :
A4BK1DL

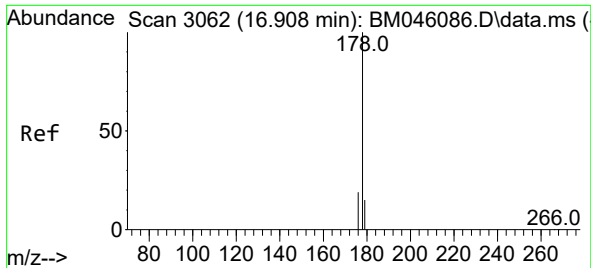
Tgt Ion:166 Resp: 384
Ion Ratio Lower Upper
166 100
165 103.3 80.4 120.6
167 33.5 12.4 18.6#



#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.558 min Scan# 2979
Delta R.T. -0.007 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 0.0 50.9 76.3#
268 31.4 52.3 78.5#

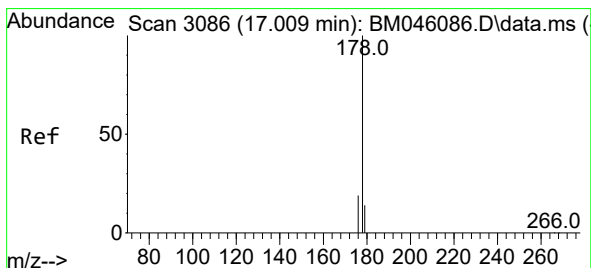
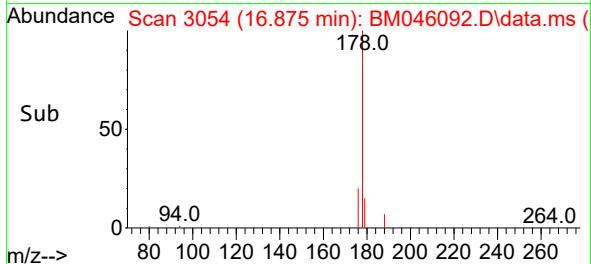
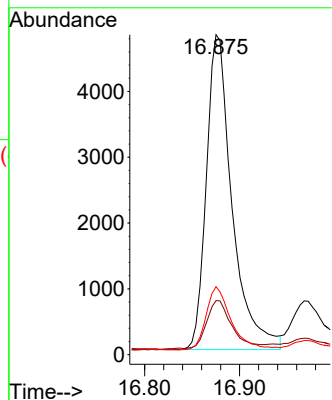
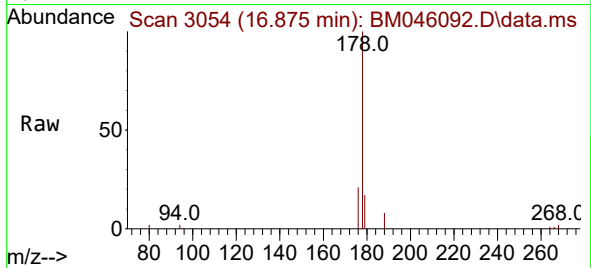




#15
Phenanthrene
Concen: 0.446 ng/ul
RT: 16.875 min Scan# 3062
Delta R.T. -0.028 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

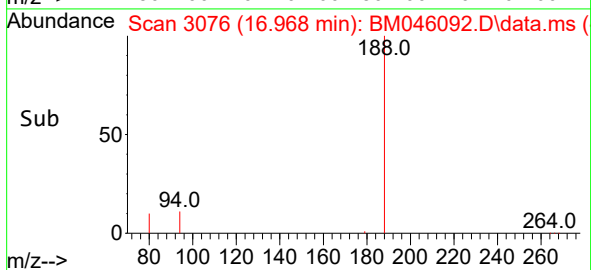
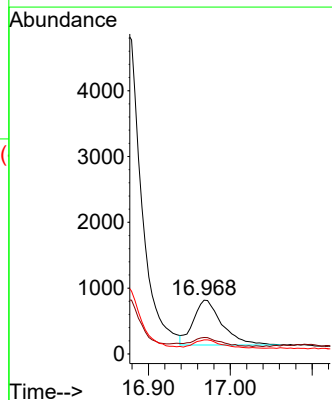
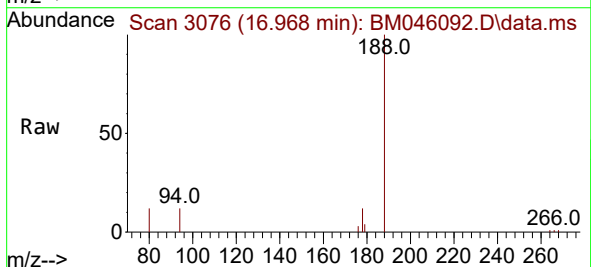
Instrument :
BNA_M
ClientSampleId :
A4BK1DL

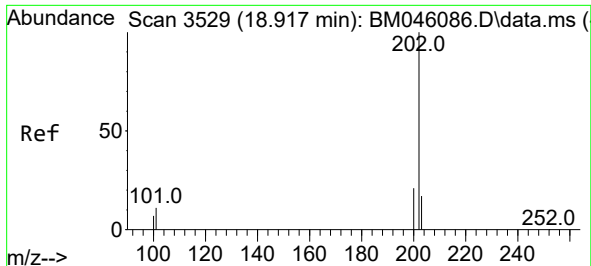
Tgt Ion:178 Resp: 9039
Ion Ratio Lower Upper
178 100
179 16.9 14.2 21.2
176 21.2 17.1 25.7



#16
Anthracene
Concen: 0.109 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.037 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:178 Resp: 1651
Ion Ratio Lower Upper
178 100
179 30.7 14.9 22.3#
176 26.1 17.0 25.4#

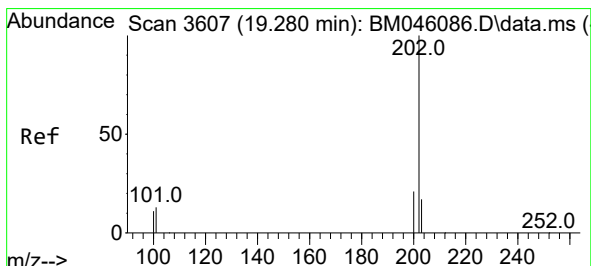
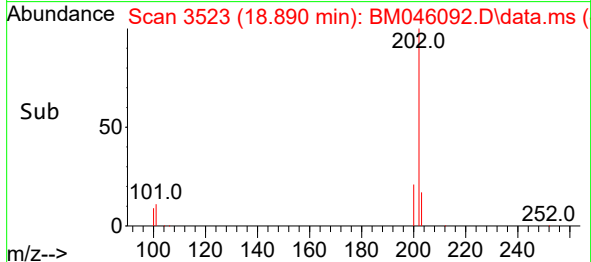
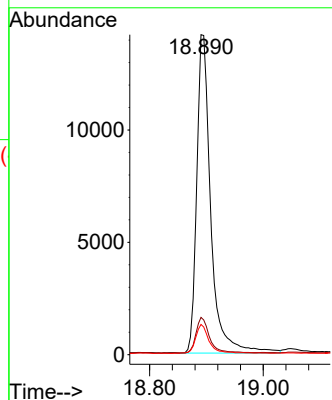
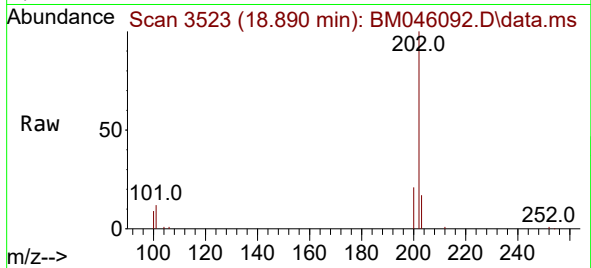




#19
Fluoranthene
Concen: 0.916 ng/ul
RT: 18.890 min Scan# 31
Delta R.T. -0.027 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

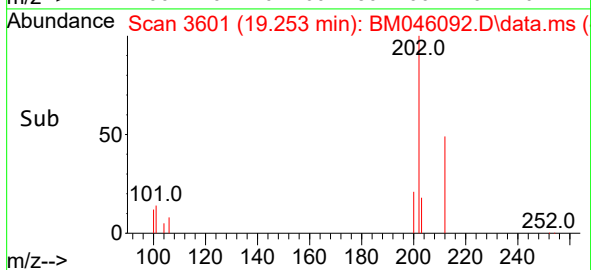
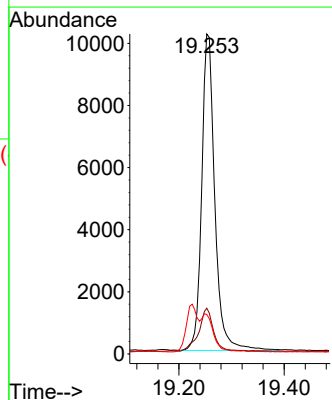
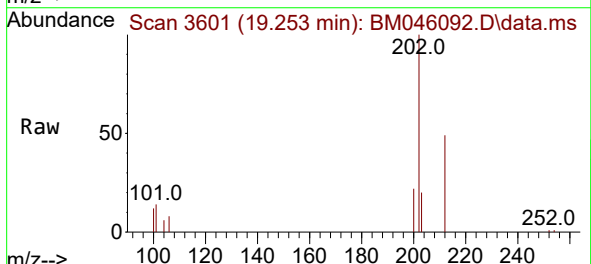
Instrument :
BNA_M
ClientSampleId :
A4BK1DL

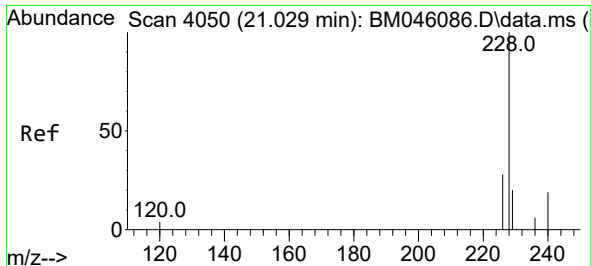
Tgt Ion:202 Resp: 24310
Ion Ratio Lower Upper
202 100
101 11.6 9.6 14.4
100 9.4 7.6 11.4



#20
Pyrene
Concen: 0.614 ng/ul
RT: 19.253 min Scan# 3601
Delta R.T. -0.022 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

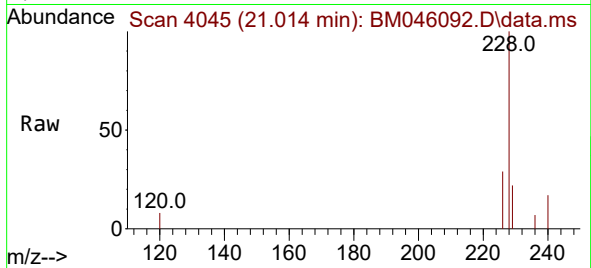
Tgt Ion:202 Resp: 17639
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 12.4 9.8 14.6



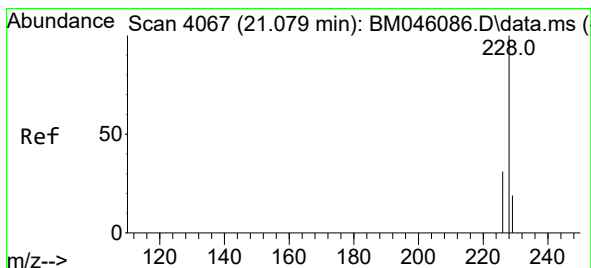
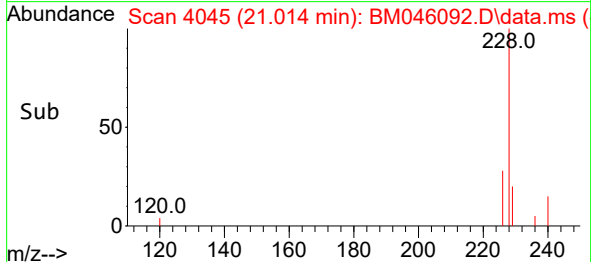
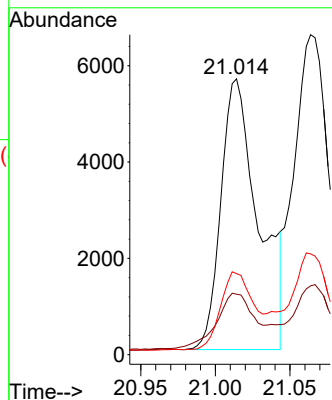


#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.014 min Scan# 4045
Delta R.T. -0.015 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BK1DL

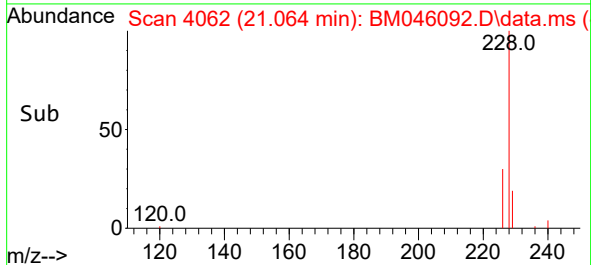
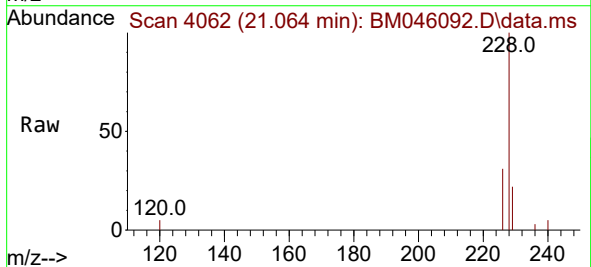
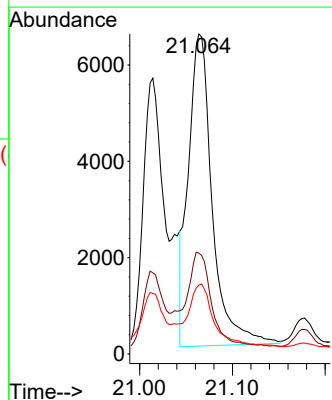


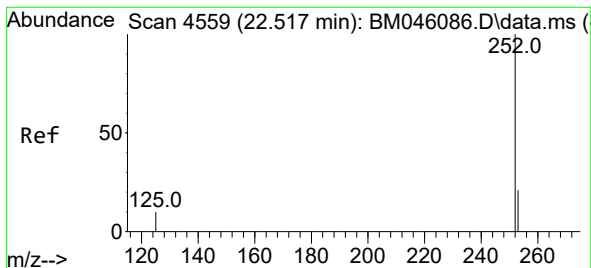
Tgt Ion:228 Resp: 9833
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.4 23.4 35.2



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:228 Resp: 11564
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.5 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 0.817 ng/ul

RT: 22.504 min Scan# 4555

Delta R.T. -0.015 min

Lab File: BM046092.D

Acq: 19 Jun 2024 18:51

Instrument :

BNA_M

ClientSampleId :

A4BK1DL

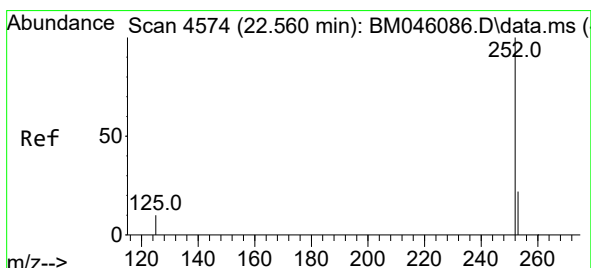
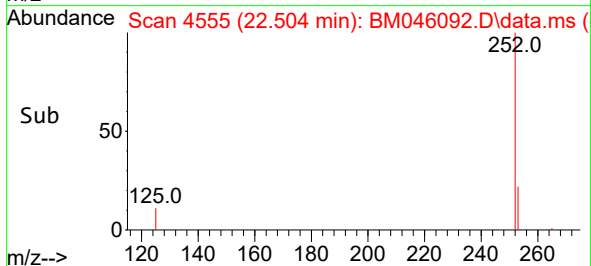
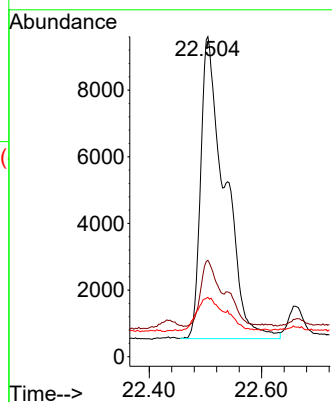
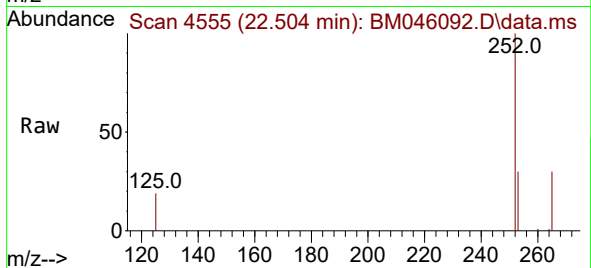
Tgt Ion:252 Resp: 27019

Ion Ratio Lower Upper

252 100

253 30.1 0.0 65.8

125 18.5 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 0.687 ng/ul

RT: 22.504 min Scan# 4555

Delta R.T. -0.059 min

Lab File: BM046092.D

Acq: 19 Jun 2024 18:51

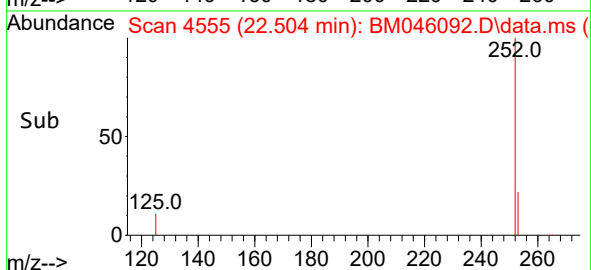
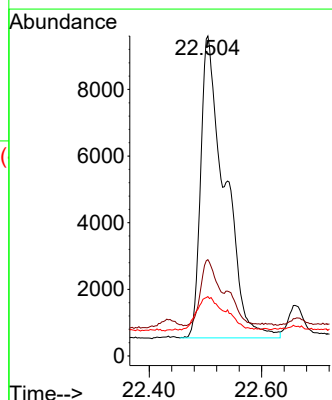
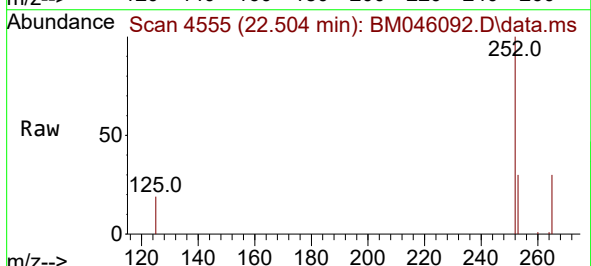
Tgt Ion:252 Resp: 27019

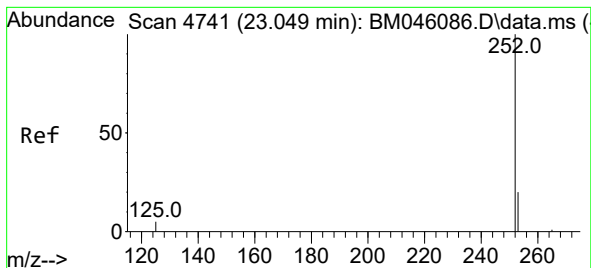
Ion Ratio Lower Upper

252 100

253 30.1 27.2 40.8

125 18.5 16.6 25.0

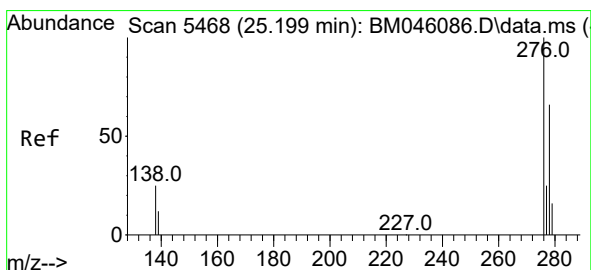
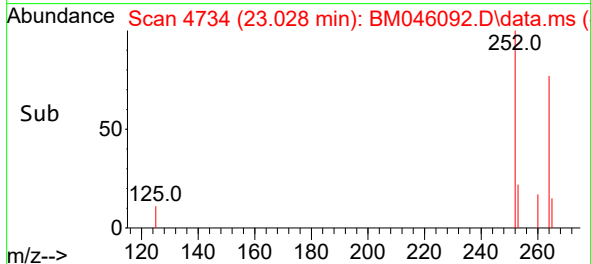
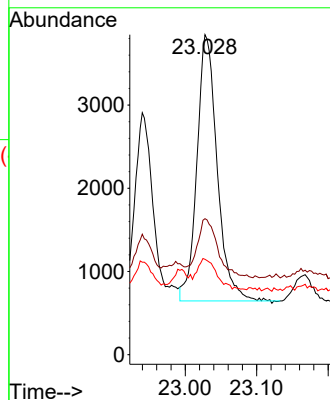
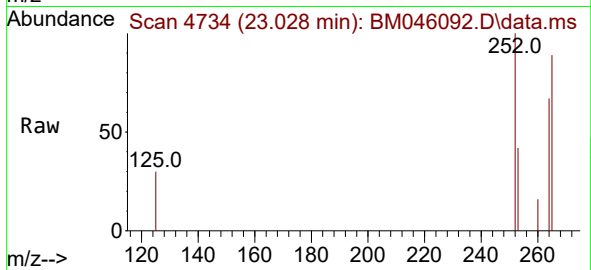




#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.027 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

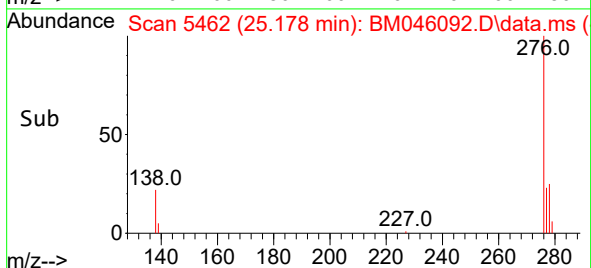
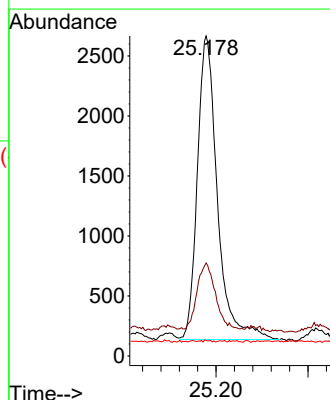
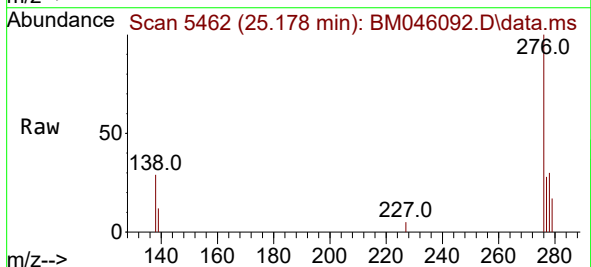
Instrument :
BNA_M
ClientSampleId :
A4BK1DL

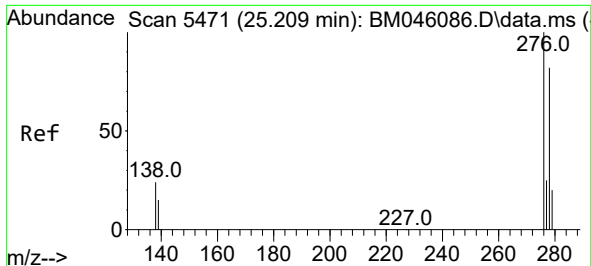
Tgt Ion:252 Resp: 6296
Ion Ratio Lower Upper
252 100
253 42.5 32.1 48.1
125 29.8 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng/ul
RT: 25.178 min Scan# 5462
Delta R.T. -0.024 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:276 Resp: 7646
Ion Ratio Lower Upper
276 100
138 20.6 21.0 31.4#
227 0.2 0.0 0.0#

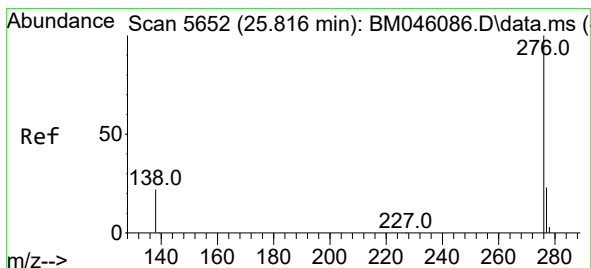
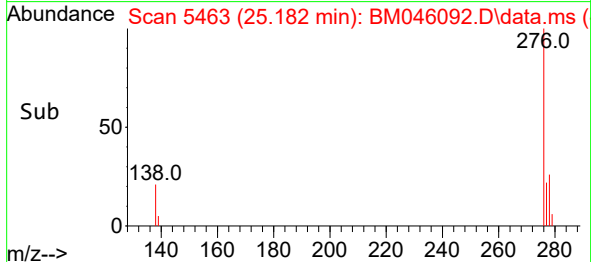
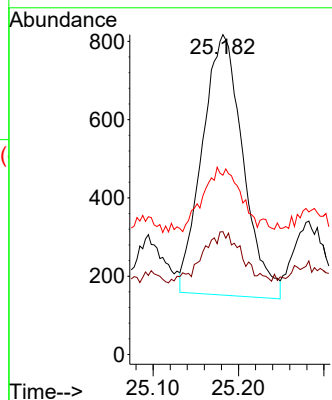
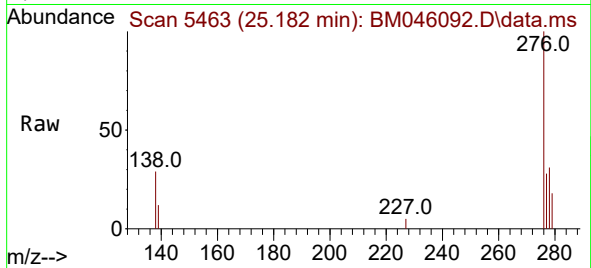




#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.182 min Scan# 5471
Delta R.T. -0.034 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BK1DL

Tgt Ion:278 Resp: 2206
Ion Ratio Lower Upper
278 100
139 38.4 17.6 26.4#
279 56.1 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 25.802 min Scan# 5648
Delta R.T. -0.027 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:276 Resp: 1320
Ion Ratio Lower Upper
276 100
138 58.9 21.7 32.5#
277 44.9 20.4 30.6#

