

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046093.D
 Acq On : 19 Jun 2024 19:27
 Operator : MA/JU
 Sample : P2695-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK2

Quant Time: Jun 19 22:50:06 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

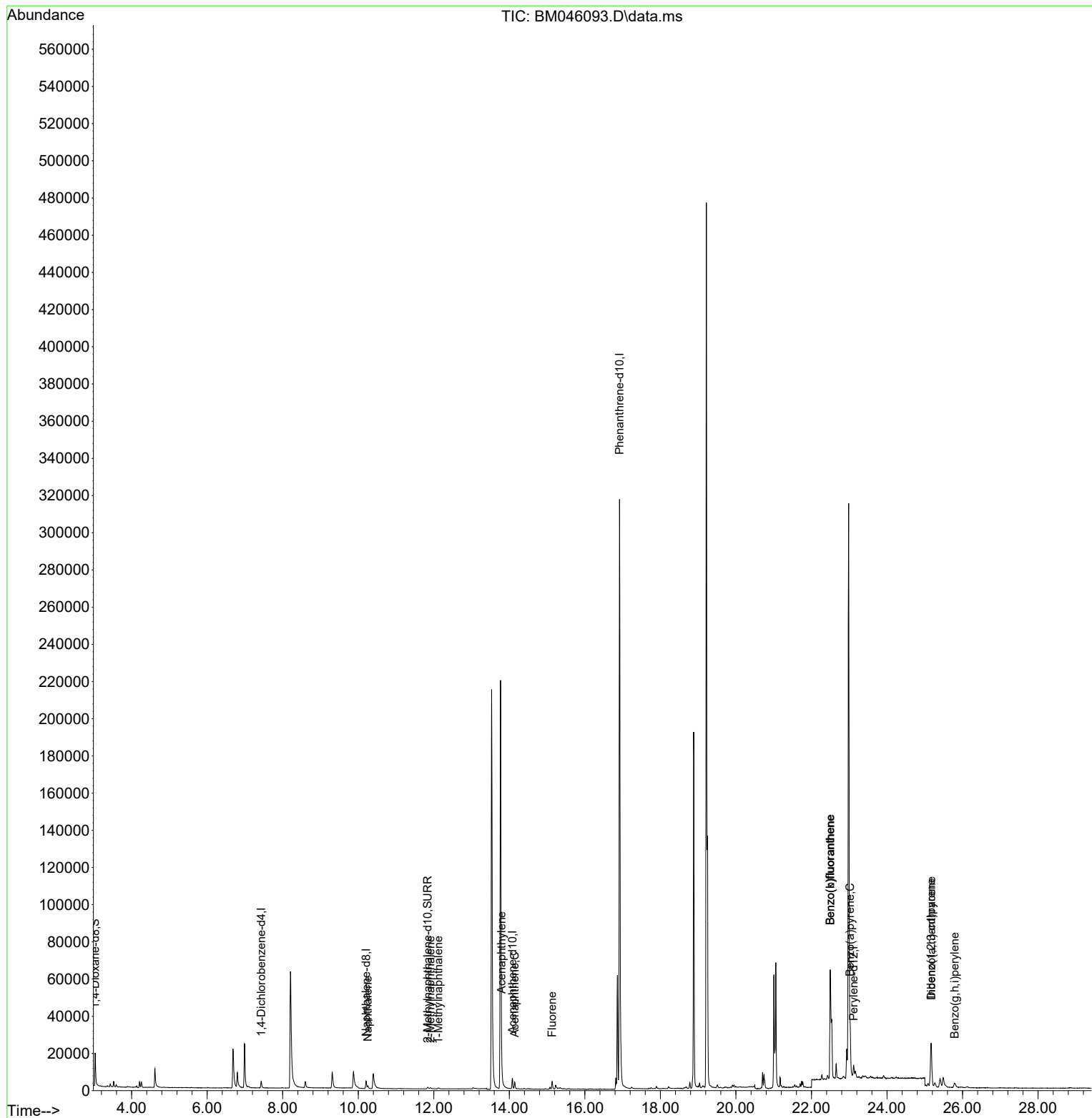
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2177	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.205	136	6136	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.081	164	3379	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.918	188	396005	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.116	264	11160	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10844	3.631	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.838	152	1982	0.241	ng/ul	-0.03
18) Fluoranthene-d10	18.854	212	5505	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.255	128	2343	0.137	ng/ul#	95
7) 2-Methylnaphthalene	11.915	142	628	0.065	ng/ul	97
8) 1-Methylnaphthalene	12.124	142	558	0.053	ng/ul	91
10) Acenaphthylene	13.794	152	5346	0.334	ng/ul	98
11) Acenaphthene	14.141	153	2417	0.209	ng/ul	98
12) Fluorene	15.131	166	3028	0.244	ng/ul	98
24) Benzo(b)fluoranthene	22.496	252	126393	3.144	ng/ul	85
25) Benzo(k)fluoranthene	22.496	252	126393	2.644	ng/ul#	83
26) Benzo(a)pyrene	23.022	252	31540	0.847	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.165	276	35140	0.576	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.172	278	10264	0.226	ng/ul	97
29) Benzo(g,h,i)perylene	25.789	276	5215	0.100	ng/ul#	85

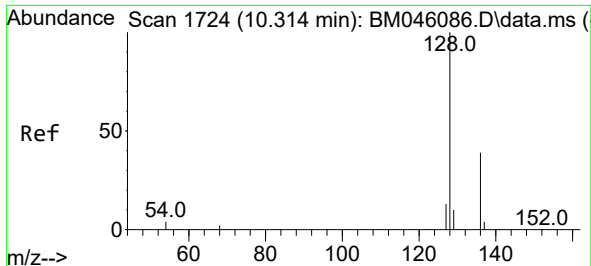
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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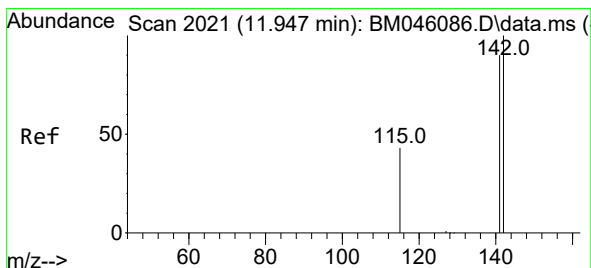
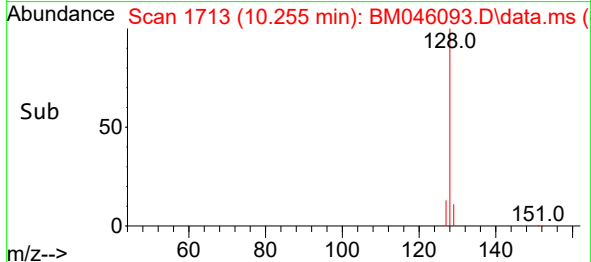
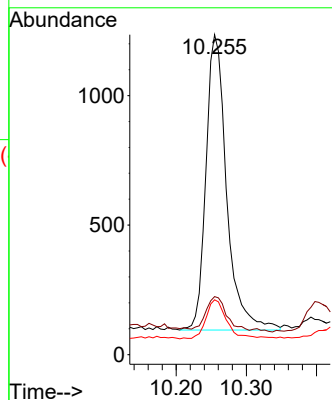
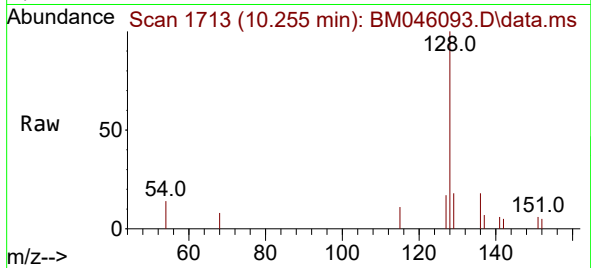




#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.255 min Scan# 1713
Delta R.T. -0.048 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

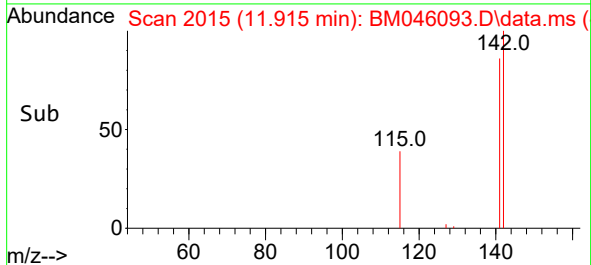
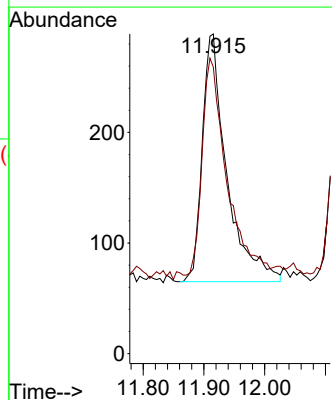
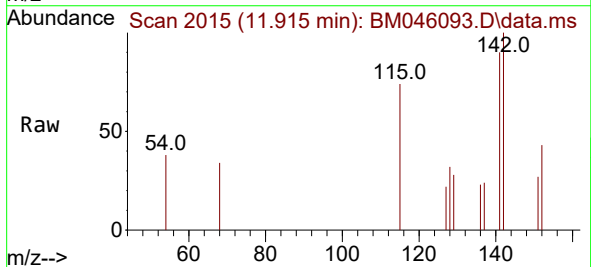
Instrument :
BNA_M
ClientSampleId :
A4BK2

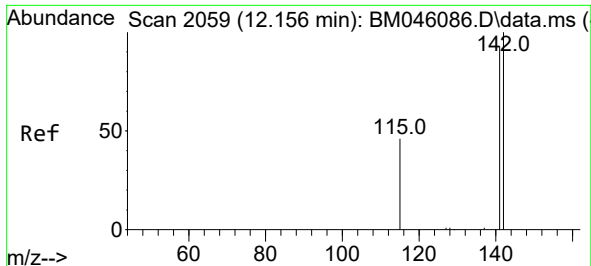
Tgt Ion:128 Resp: 2343
Ion Ratio Lower Upper
128 100
129 18.1 11.8 17.6#
127 17.2 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.032 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

Tgt Ion:142 Resp: 628
Ion Ratio Lower Upper
142 100
141 90.6 74.6 111.8

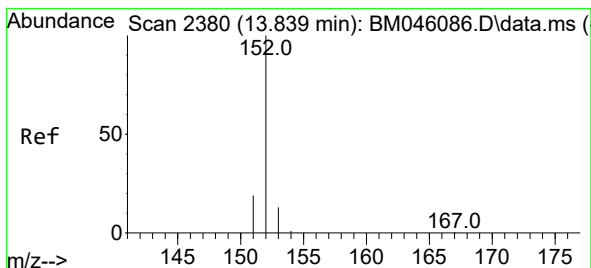
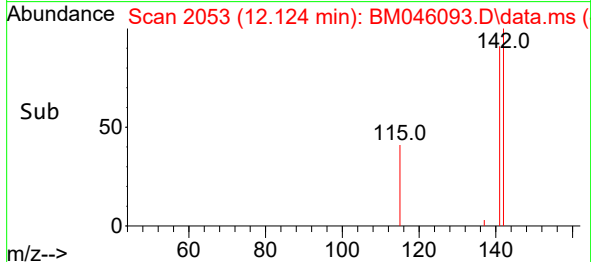
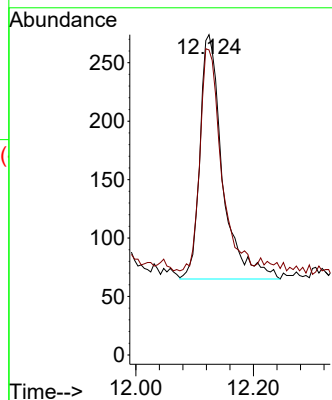
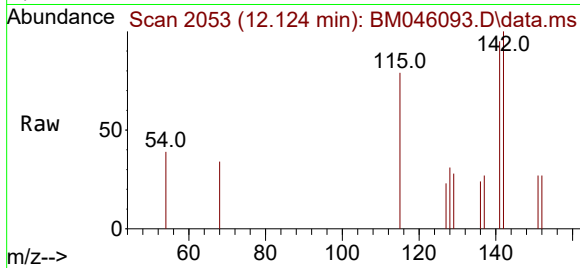




#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.026 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

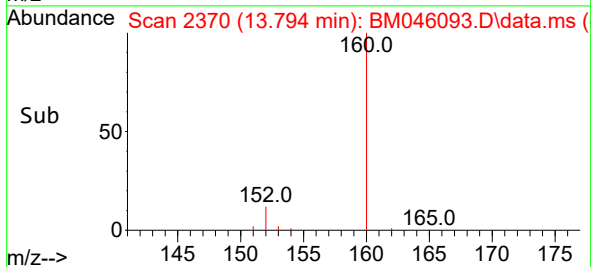
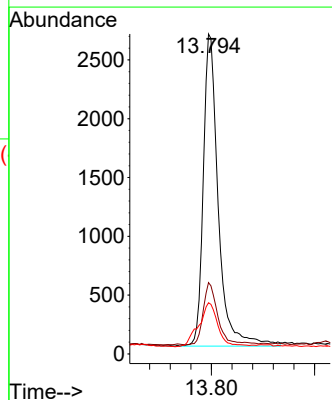
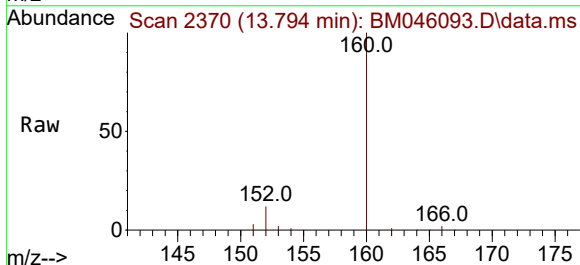
Instrument :
BNA_M
ClientSampleId :
A4BK2

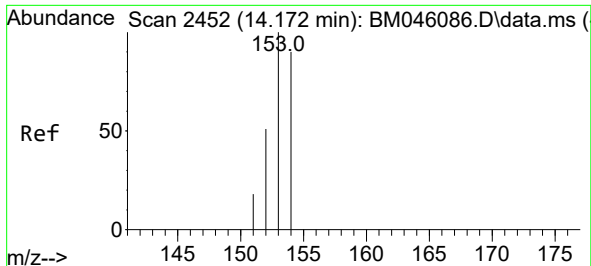
Tgt Ion:142 Resp: 558
Ion Ratio Lower Upper
142 100
141 85.1 75.2 112.8



#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

Tgt Ion:152 Resp: 5346
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.2
153 16.0 11.8 17.8

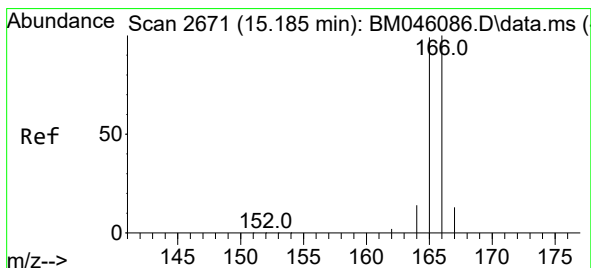
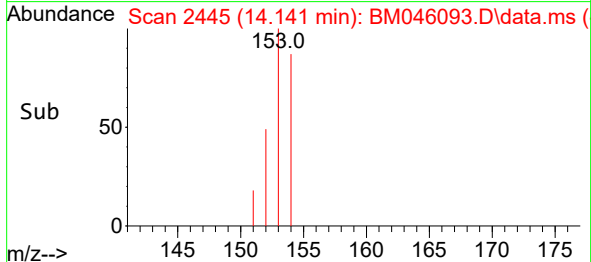
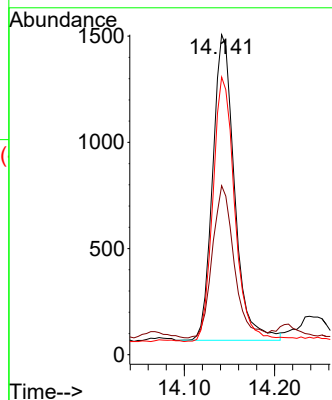
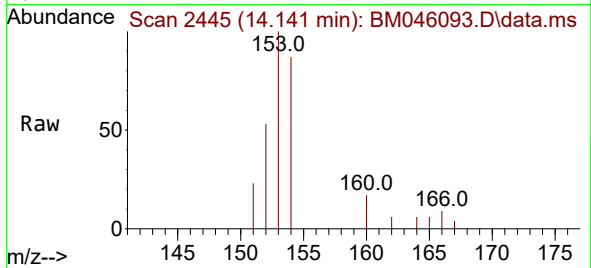




#11
Acenaphthene
Concen: 0.209 ng/ul
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

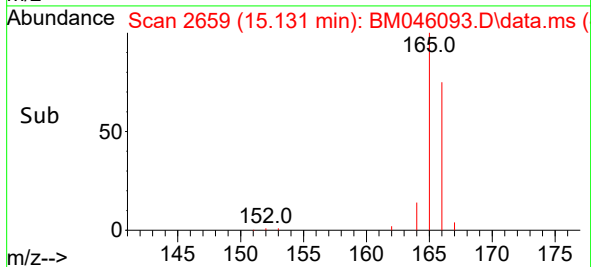
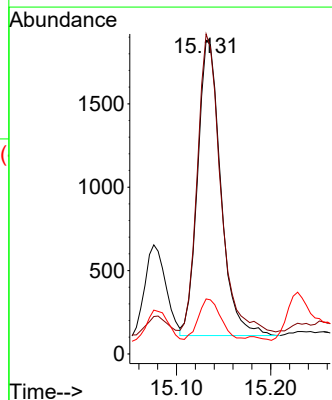
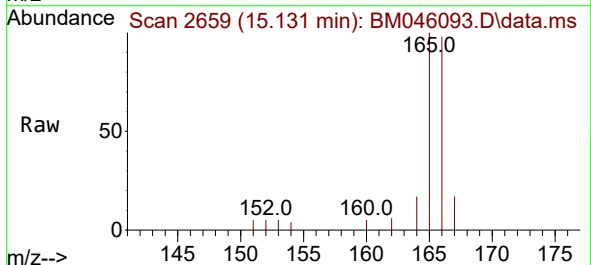
Instrument :
BNA_M
ClientSampleId :
A4BK2

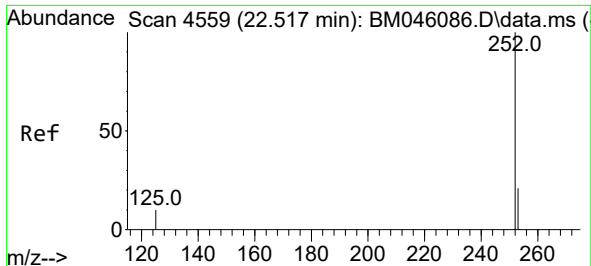
Tgt Ion:153 Resp: 2417
Ion Ratio Lower Upper
153 100
152 52.8 41.3 61.9
154 86.7 68.2 102.4



#12
Fluorene
Concen: 0.244 ng/ul
RT: 15.131 min Scan# 2659
Delta R.T. -0.049 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

Tgt Ion:166 Resp: 3028
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
167 17.5 12.4 18.6

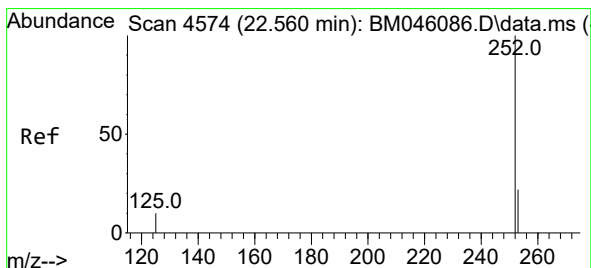
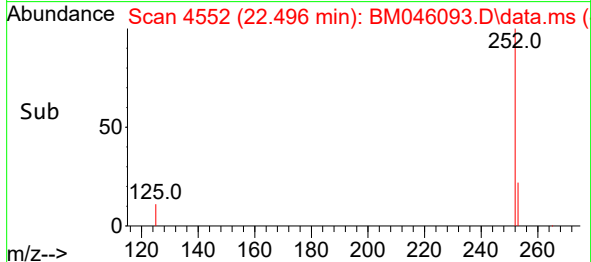
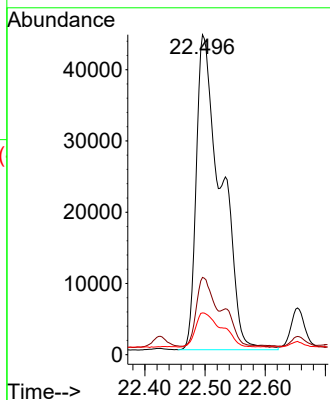
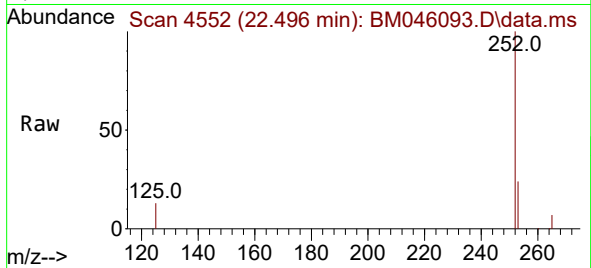




#24
Benzo(b)fluoranthene
Concen: 3.144 ng/ul
RT: 22.496 min Scan# 4552
Delta R.T. -0.024 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

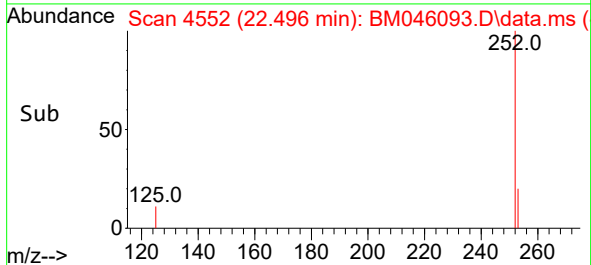
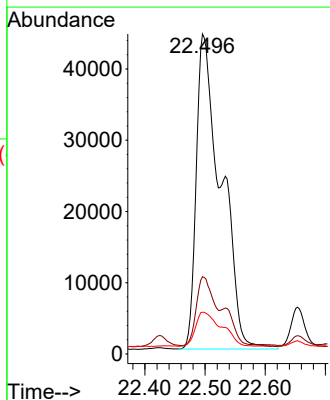
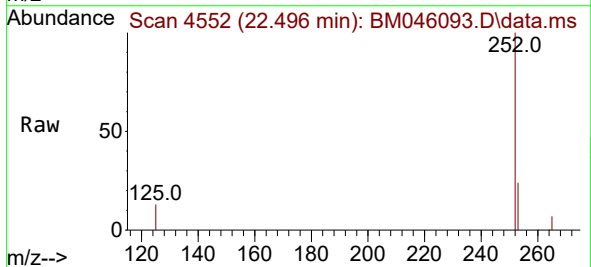
Instrument :
BNA_M
ClientSampleId :
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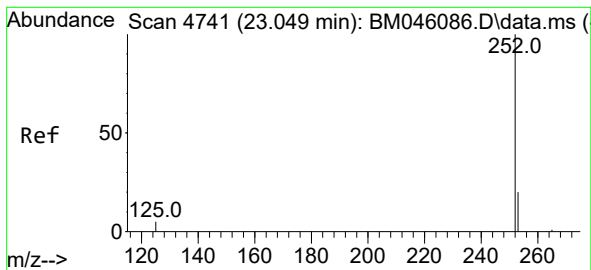
Tgt Ion:252 Resp: 126393
Ion Ratio Lower Upper
252 100
253 24.1 0.0 65.8
125 13.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 2.644 ng/ul
RT: 22.496 min Scan# 4552
Delta R.T. -0.068 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

Tgt Ion:252 Resp: 126393
Ion Ratio Lower Upper
252 100
253 24.1 27.2 40.8#
125 13.1 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.847 ng/ul

RT: 23.022 min Scan# 41

Delta R.T. -0.032 min

Lab File: BM046093.D

Acq: 19 Jun 2024 19:27

Instrument :

BNA_M

ClientSampleId :

A4BK2

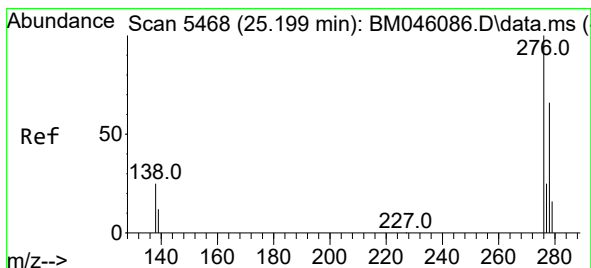
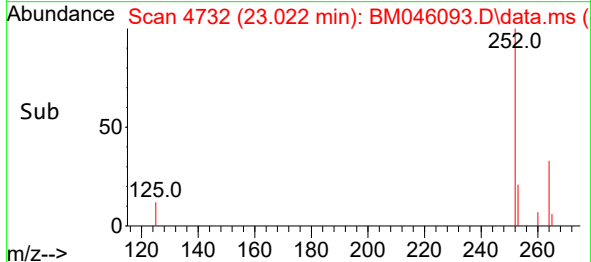
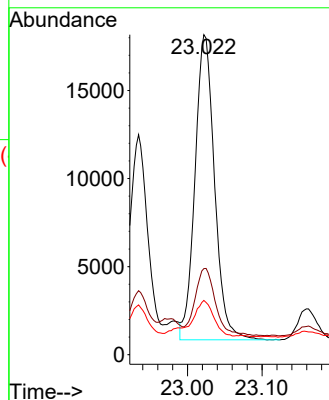
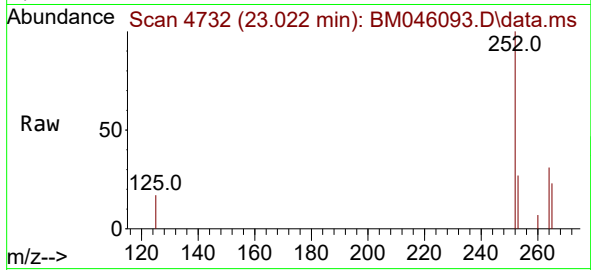
Tgt Ion:252 Resp: 31540

Ion Ratio Lower Upper

252 100

253 26.9 32.1 48.1#

125 17.0 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.576 ng/ul

RT: 25.165 min Scan# 5458

Delta R.T. -0.037 min

Lab File: BM046093.D

Acq: 19 Jun 2024 19:27

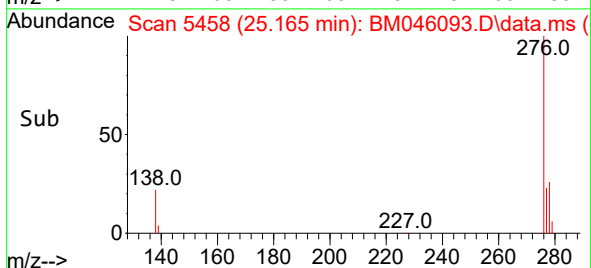
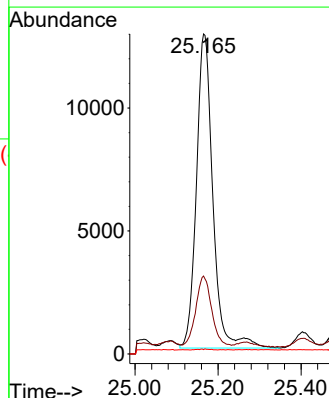
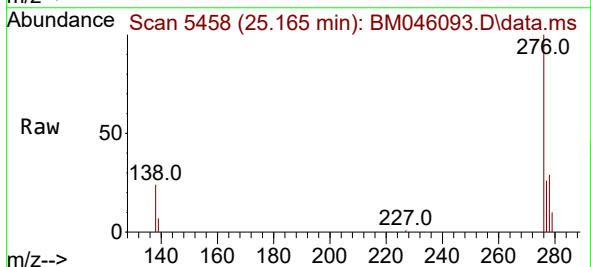
Tgt Ion:276 Resp: 35140

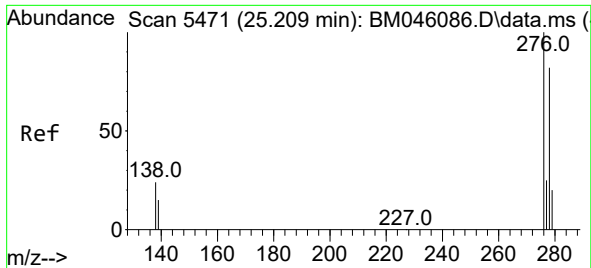
Ion Ratio Lower Upper

276 100

138 21.2 21.0 31.4

227 0.1 0.0 0.0#

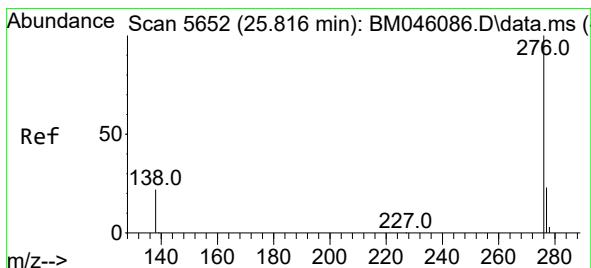
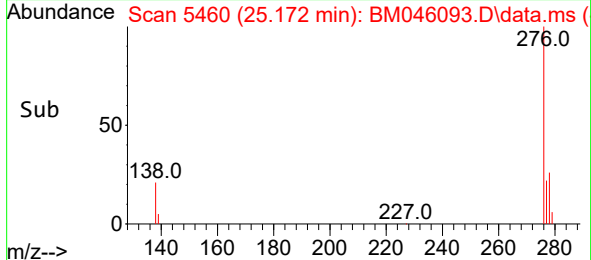
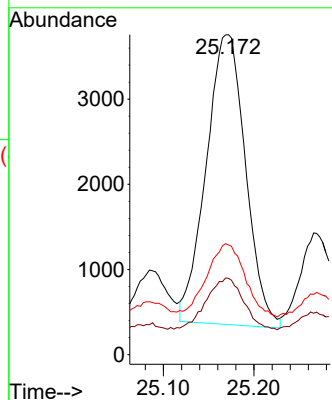
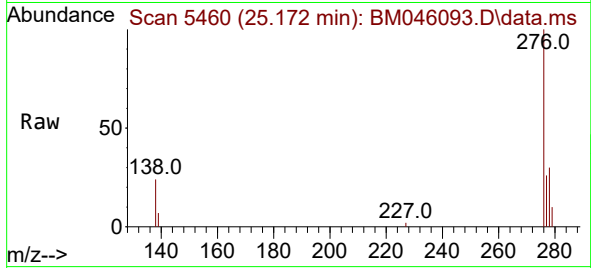




#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.044 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BK2

Tgt Ion:278 Resp: 10264
Ion Ratio Lower Upper
278 100
139 23.8 17.6 26.4
279 34.3 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.041 min
Lab File: BM046093.D
Acq: 19 Jun 2024 19:27

Tgt Ion:276 Resp: 5215
Ion Ratio Lower Upper
276 100
138 34.8 21.7 32.5#
277 32.7 20.4 30.6#

