

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046062.D
 Acq On : 18 Jun 2024 21:52
 Operator : MA/JU
 Sample : P2695-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK3

Quant Time: Jun 19 08:24:19 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

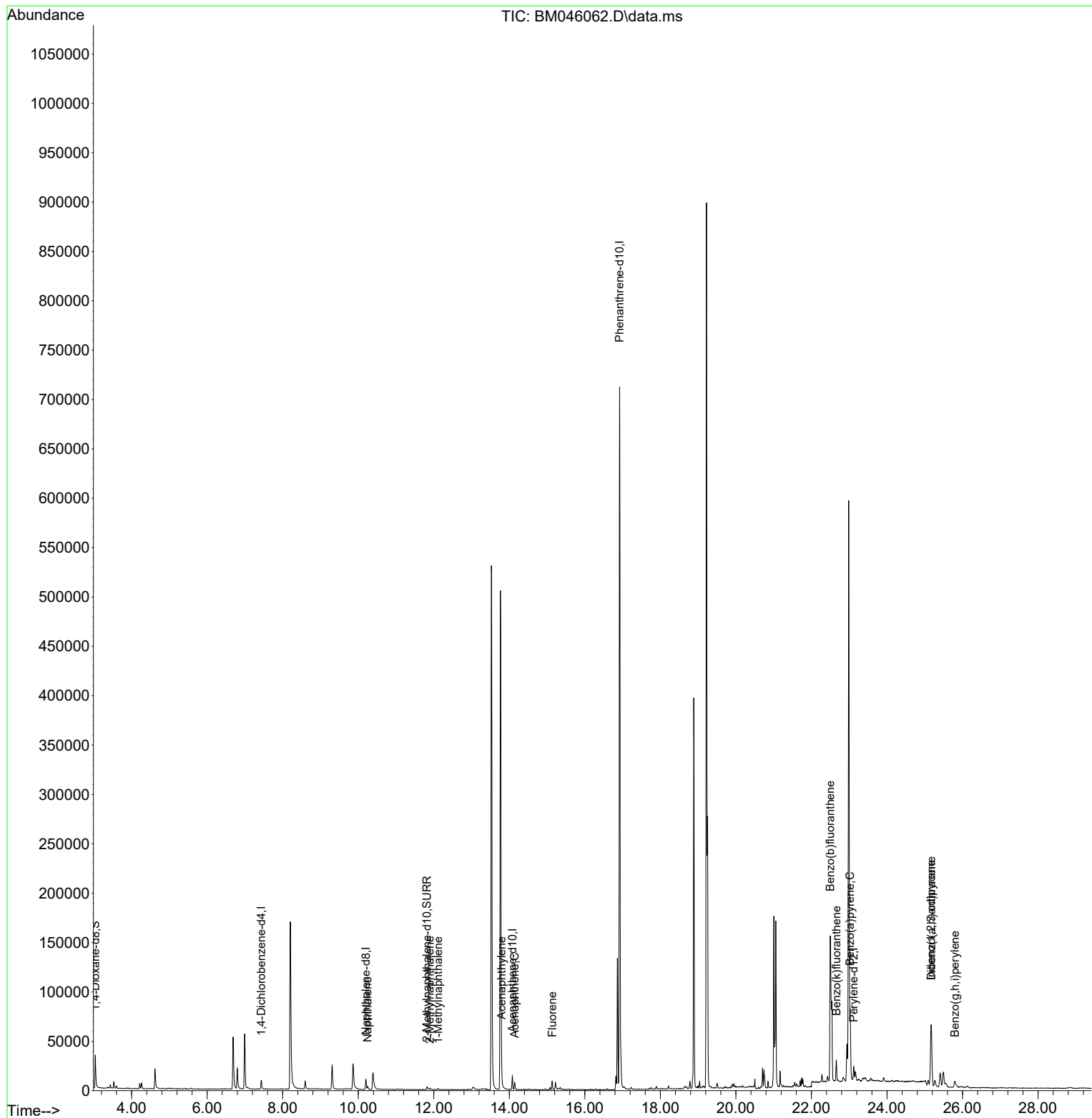
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	4808	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	13831	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.080	164	7375	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.920	188	820790	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.119	264	19887	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	20269	3.073	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.820	152	4712	0.254	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	11843	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	4457	0.116	ng/ul	99
7) 2-Methylnaphthalene	11.897	142	1305	0.060	ng/ul	96
8) 1-Methylnaphthalene	12.112	142	1072	0.045	ng/ul	100
10) Acenaphthylene	13.797	152	8501	0.243	ng/ul	99
11) Acenaphthene	14.140	153	4527	0.179	ng/ul	99
12) Fluorene	15.134	166	5598	0.207	ng/ul	98
24) Benzo(b)fluoranthene	22.499	252	308499	4.306	ng/ul	84
25) Benzo(k)fluoranthene	22.660	252	22913	0.269	ng/ul	98
26) Benzo(a)pyrene	23.025	252	80094	1.206	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.169	276	85394	0.786	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.172	278	27618	0.341	ng/ul	96
29) Benzo(g,h,i)perylene	25.796	276	12806	0.137	ng/ul#	89

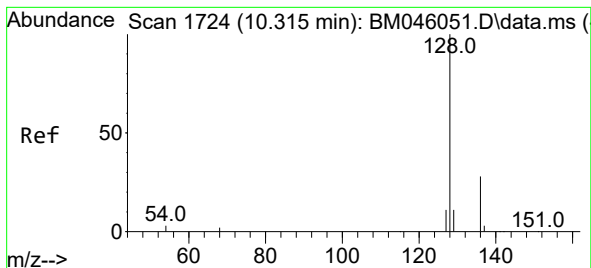
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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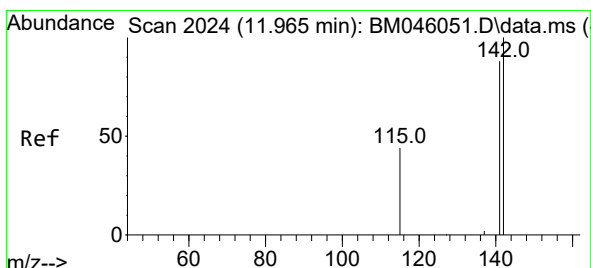
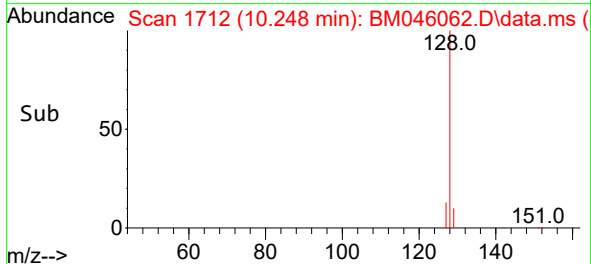
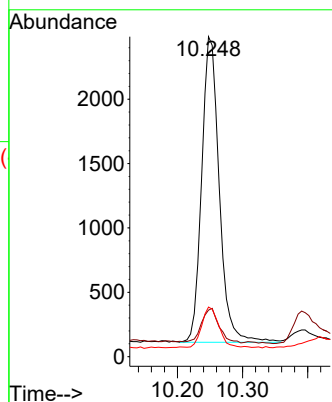
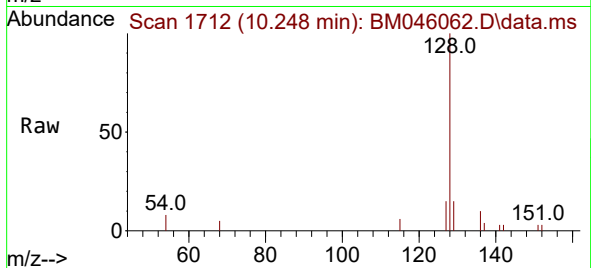




#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.248 min Scan# 11
Delta R.T. -0.055 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

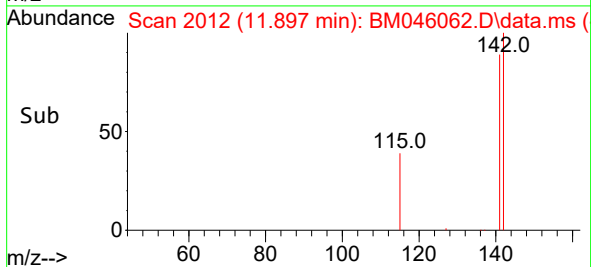
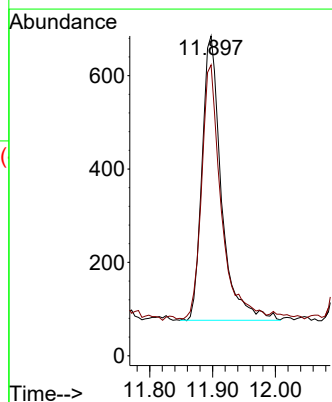
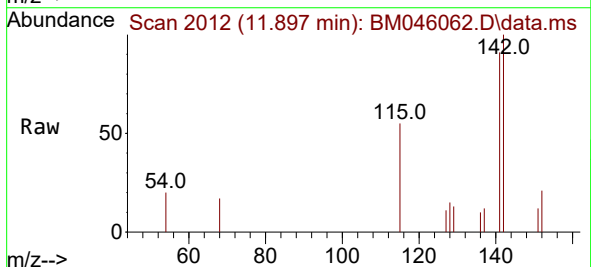
Instrument :
BNA_M
ClientSampleId :
A4BK3

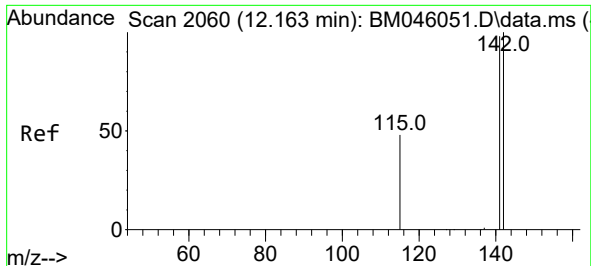
Tgt Ion:128 Resp: 4457
Ion Ratio Lower Upper
128 100
129 14.5 11.8 17.6
127 15.5 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.897 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

Tgt Ion:142 Resp: 1305
Ion Ratio Lower Upper
142 100
141 89.7 74.6 111.8

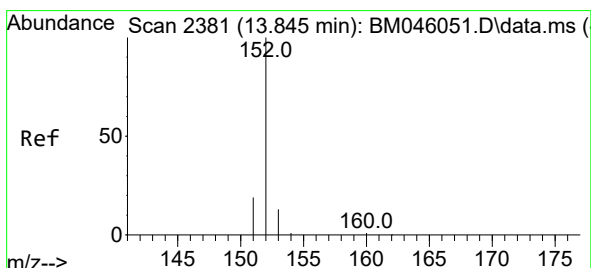
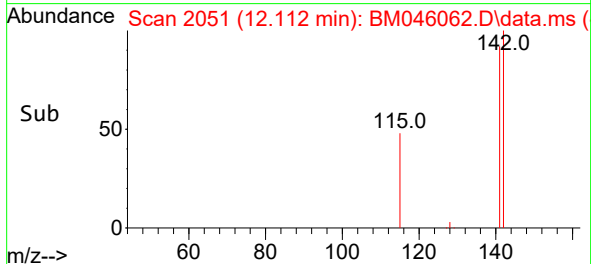
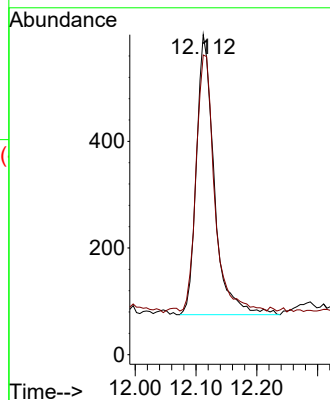
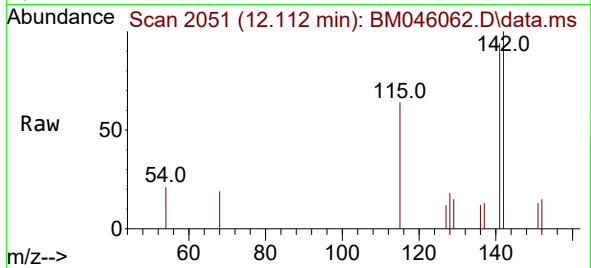




#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.112 min Scan# 2060
Delta R.T. -0.039 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

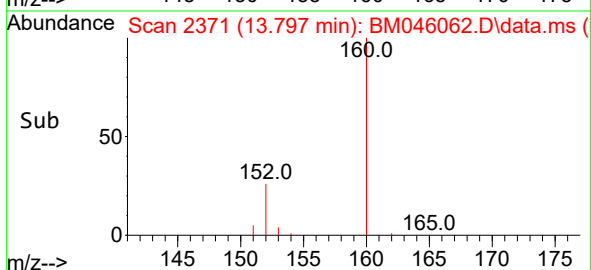
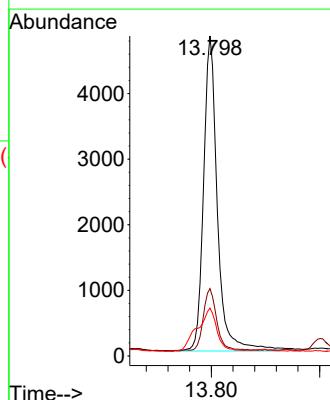
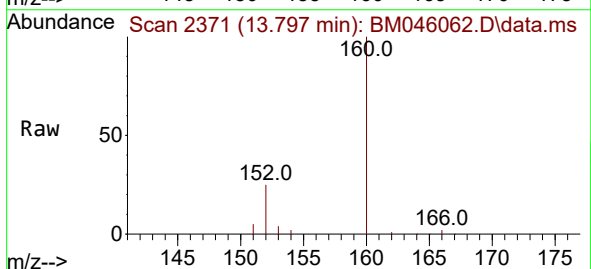
Instrument :
BNA_M
ClientSampleId :
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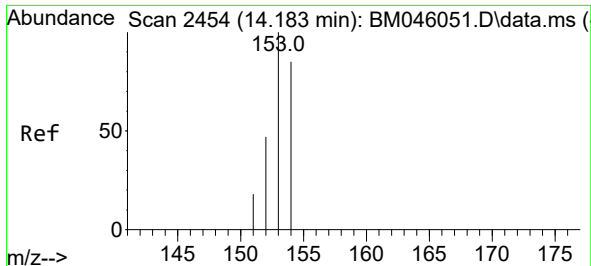
Tgt Ion:142 Resp: 1072
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8



#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

Tgt Ion:152 Resp: 8501
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 15.0 11.8 17.8

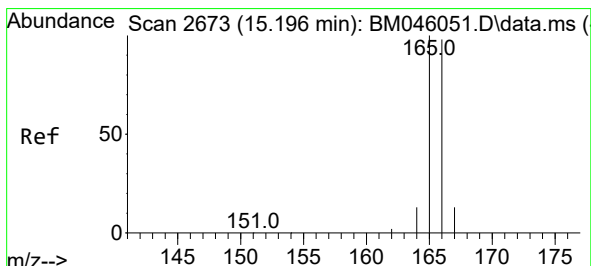
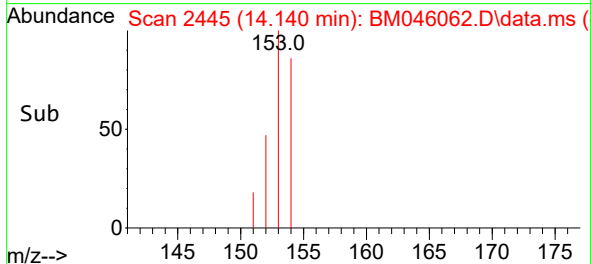
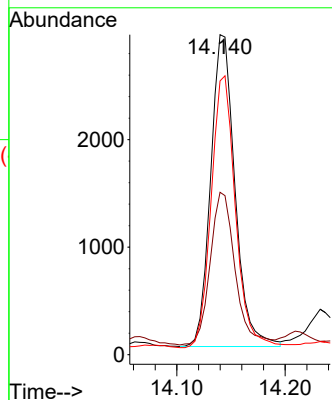
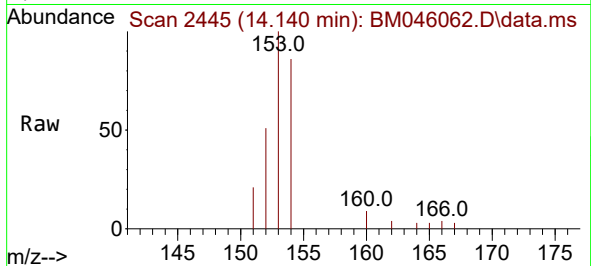




#11
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.140 min Scan# 2454
Delta R.T. -0.032 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

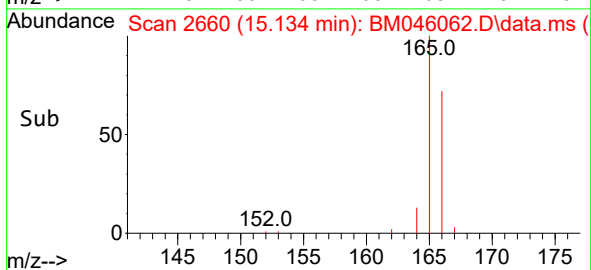
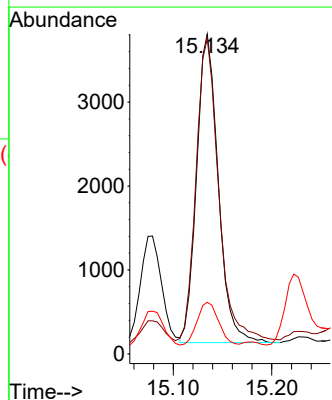
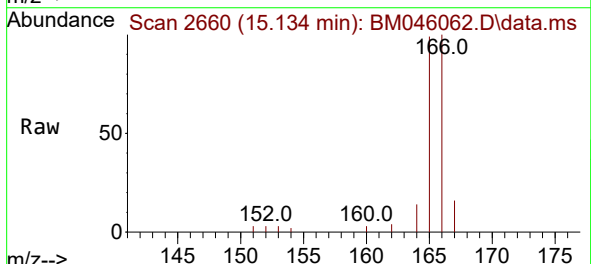
Instrument :
BNA_M
ClientSampleId :
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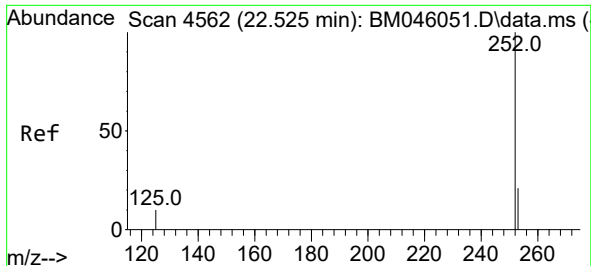
Tgt Ion:153 Resp: 4527
Ion Ratio Lower Upper
153 100
152 50.7 41.3 61.9
154 85.6 68.2 102.4



#12
Fluorene
Concen: 0.207 ng/ul
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

Tgt Ion:166 Resp: 5598
Ion Ratio Lower Upper
166 100
165 98.6 80.4 120.6
167 16.2 12.4 18.6

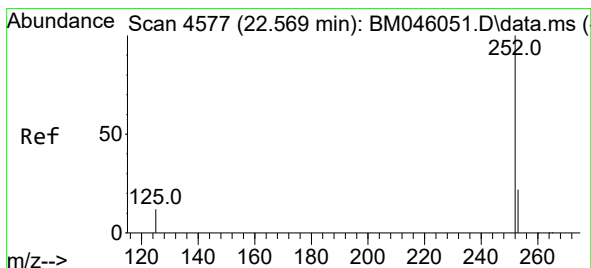
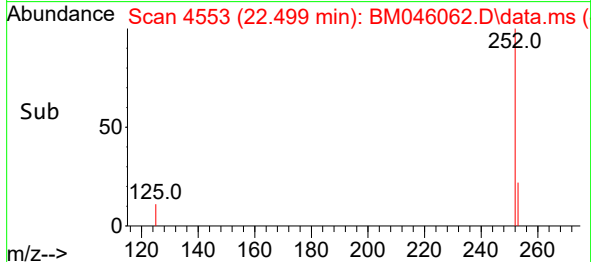
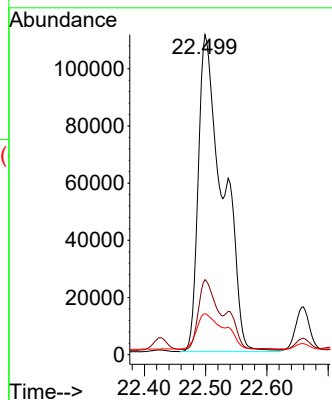
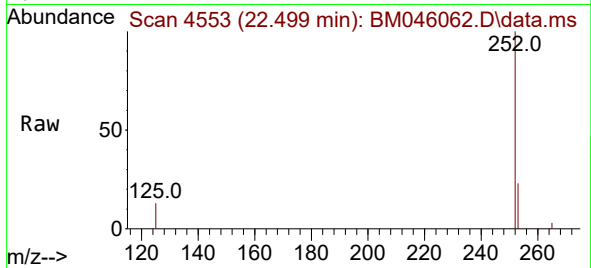




#24
Benzo(b)fluoranthene
Concen: 4.306 ng/ul
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

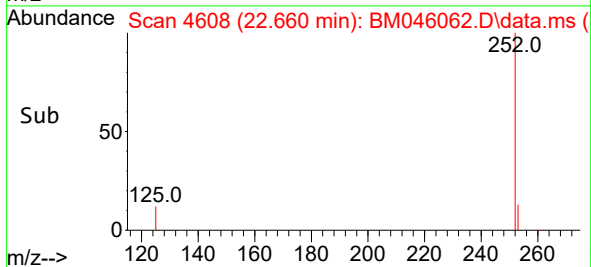
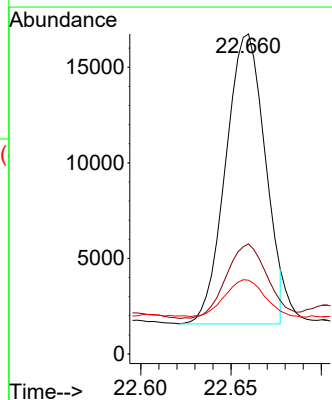
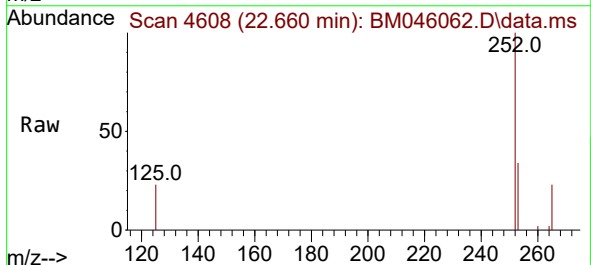
Instrument :
BNA_M
ClientSampleId :
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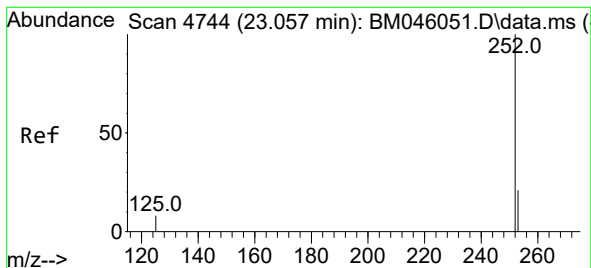
Tgt Ion:252 Resp: 308499
Ion Ratio Lower Upper
252 100
253 23.4 0.0 65.8
125 12.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.269 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. 0.096 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

Tgt Ion:252 Resp: 22913
Ion Ratio Lower Upper
252 100
253 34.4 27.2 40.8
125 23.0 16.6 25.0





#26

Benzo(a)pyrene

Concen: 1.206 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM046062.D

Acq: 18 Jun 2024 21:52

Instrument :

BNA_M

ClientSampleId :

A4BK3

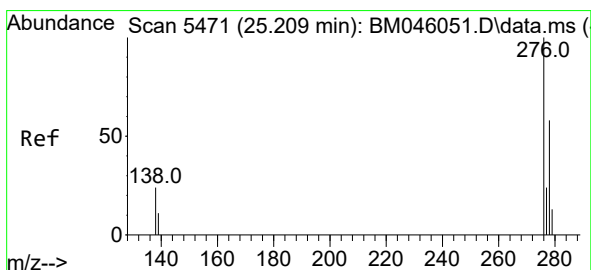
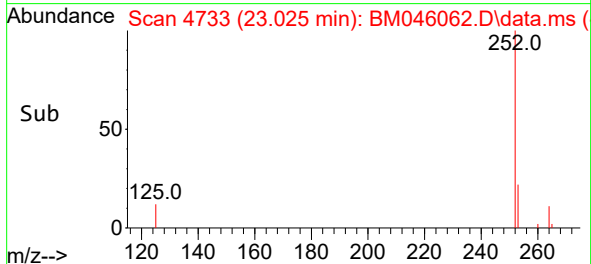
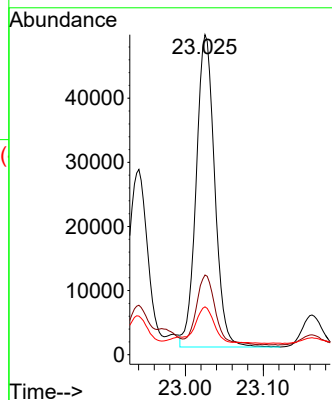
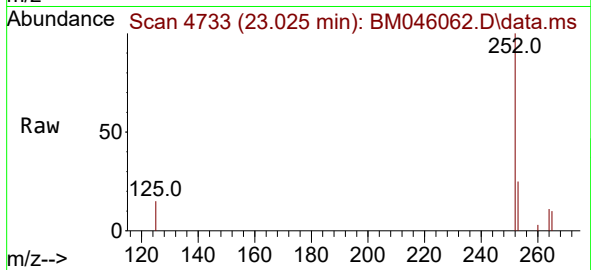
Tgt Ion:252 Resp: 80094

Ion Ratio Lower Upper

252 100

253 24.9 32.1 48.1#

125 15.0 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.786 ng/ul

RT: 25.169 min Scan# 5459

Delta R.T. -0.034 min

Lab File: BM046062.D

Acq: 18 Jun 2024 21:52

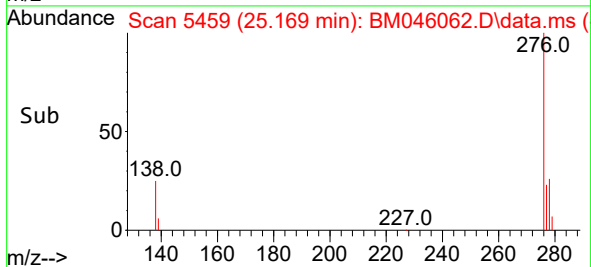
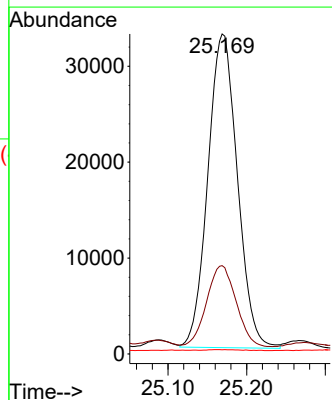
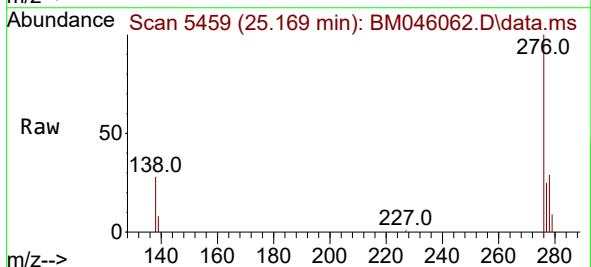
Tgt Ion:276 Resp: 85394

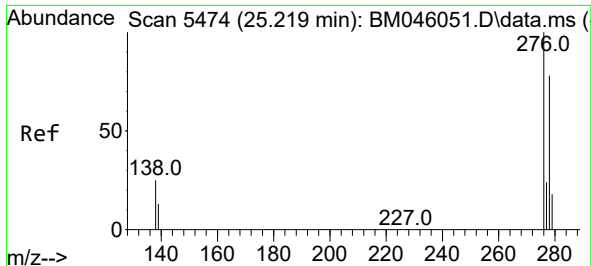
Ion Ratio Lower Upper

276 100

138 25.8 21.0 31.4

227 0.3 0.0 0.0#

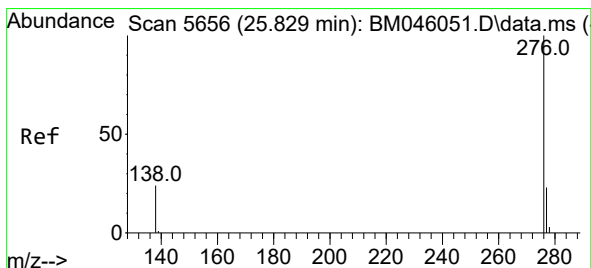
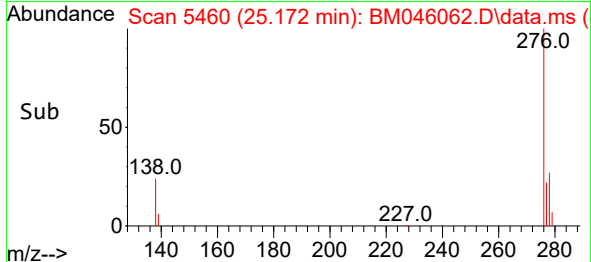
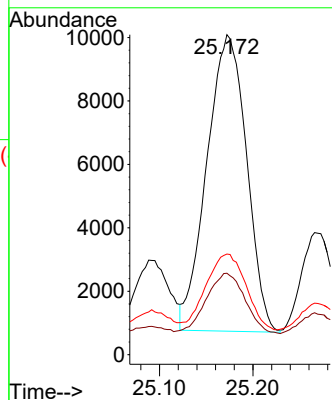
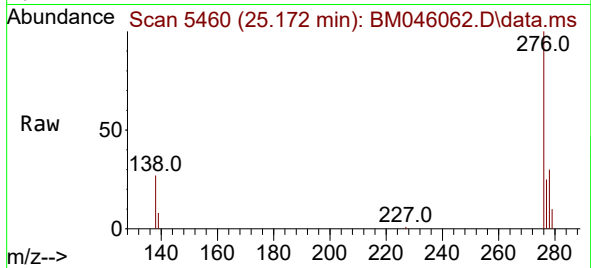




#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.044 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

Instrument :
BNA_M
ClientSampleId :
A4BK3

Tgt Ion:278 Resp: 27618
Ion Ratio Lower Upper
278 100
139 25.4 17.6 26.4
279 31.5 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

Tgt Ion:276 Resp: 12806
Ion Ratio Lower Upper
276 100
138 32.6 21.7 32.5#
277 30.8 20.4 30.6#

