

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046128.D
 Acq On : 20 Jun 2024 18:10
 Operator : MA/JU
 Sample : P2710-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM1

Quant Time: Jun 21 02:48:12 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

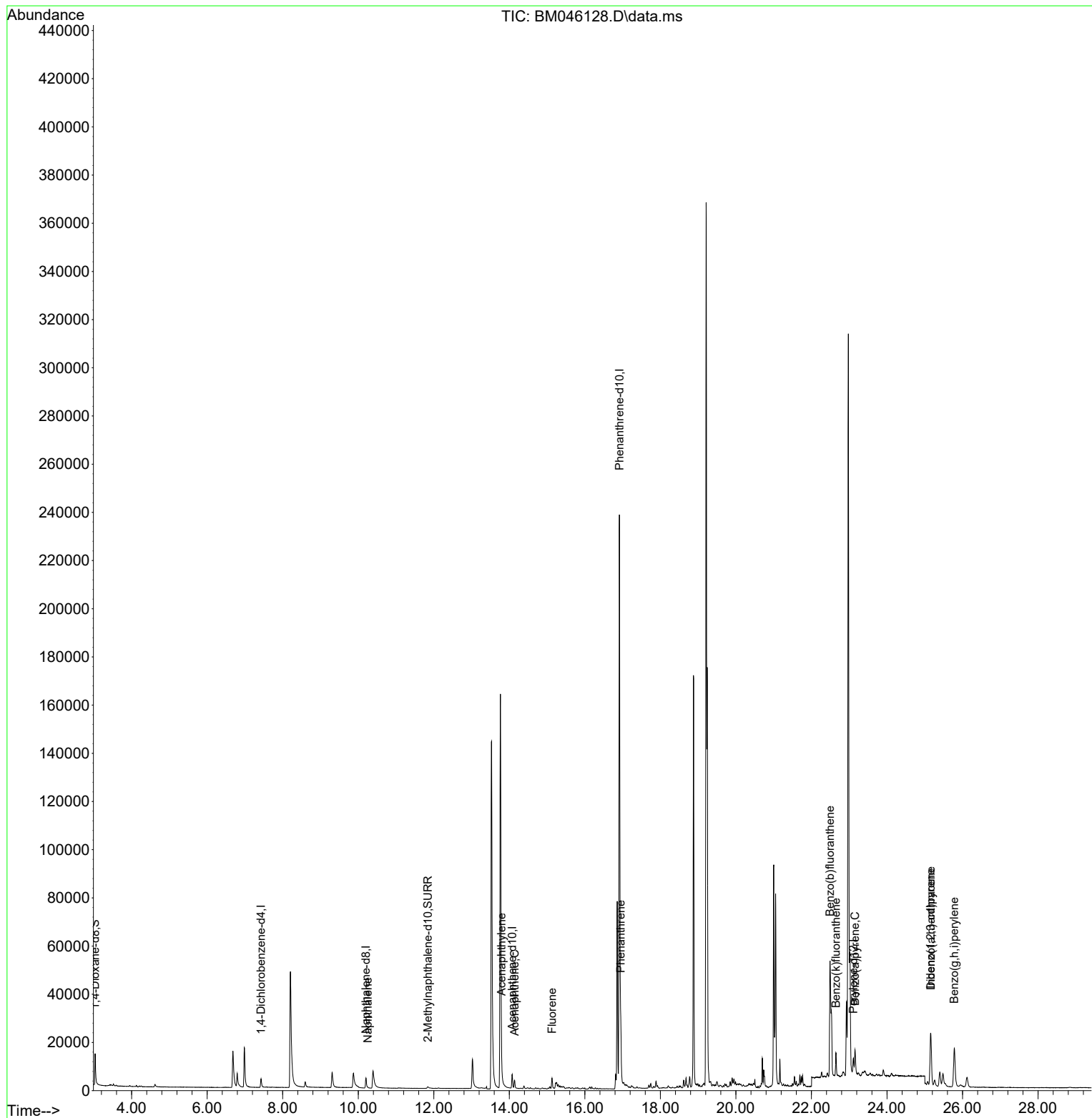
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2339	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.204	136	6573	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.075	164	3692	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.916	188	292913	0.400	ng/ul	# 0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.110	264	11243	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	8164	2.544	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.843	152	1633	0.185	ng/ul	-0.02
18) Fluoranthene-d10	18.848	212	3980	0.000	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	387	0.021	ng/ul#	50
10) Acenaphthylene	13.793	152	1502	0.086	ng/ul#	86
11) Acenaphthene	14.140	153	2372	0.188	ng/ul	98
12) Fluorene	15.130	166	3131	0.231	ng/ul	98
15) Phenanthrene	16.950	178	23289	0.028	ng/ul	97
24) Benzo(b)fluoranthene	22.493	252	105172	2.596	ng/ul	85
25) Benzo(k)fluoranthene	22.648	252	10623	0.221	ng/ul	98
26) Benzo(a)pyrene	23.154	252	8677	0.231	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.155	276	35639	0.580	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.162	278	8988	0.197	ng/ul	95
29) Benzo(g,h,i)perylene	25.783	276	32831	0.623	ng/ul	96

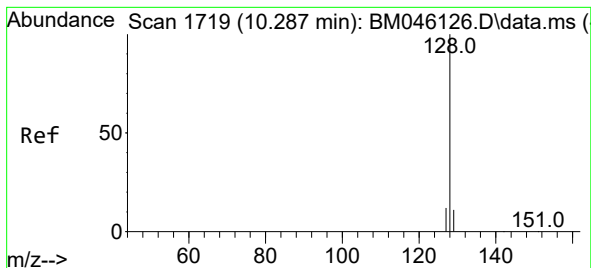
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.021 ng/ul

RT: 10.253 min Scan# 1

Delta R.T. -0.049 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

Instrument :

BNA_M

ClientSampleId :

A4BM1

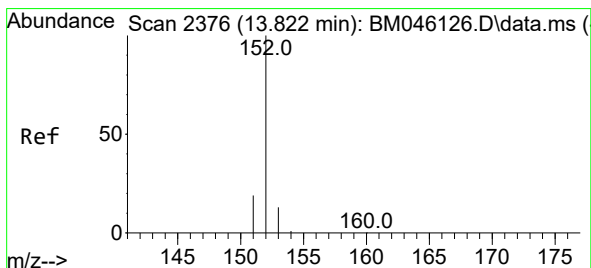
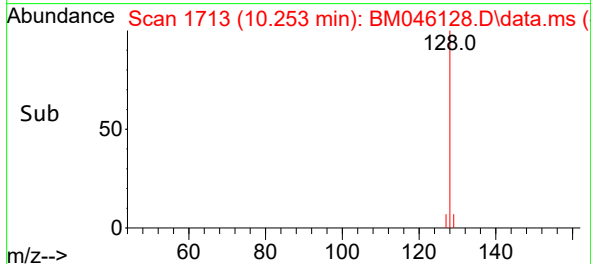
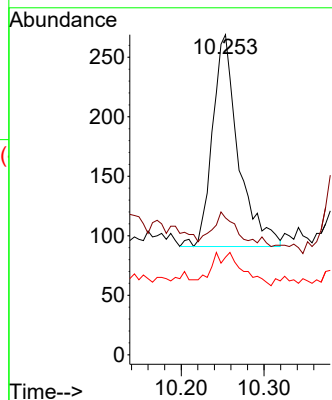
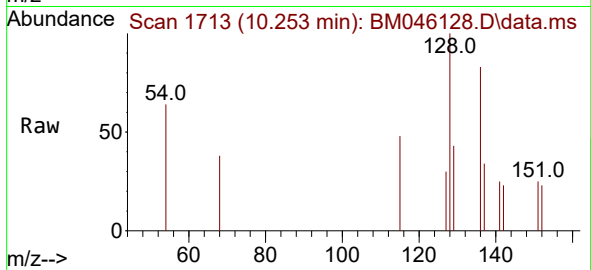
Tgt Ion:128 Resp: 387

Ion Ratio Lower Upper

128 100

129 42.8 11.8 17.6#

127 30.5 12.8 19.2#



#10

Acenaphthylene

Concen: 0.086 ng/ul

RT: 13.793 min Scan# 2370

Delta R.T. -0.042 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

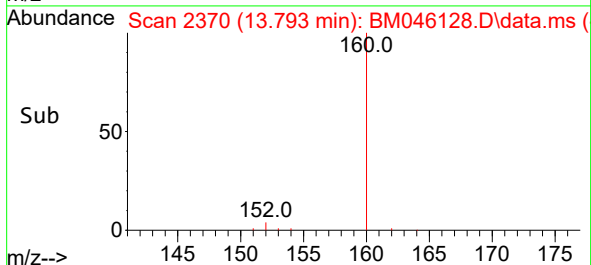
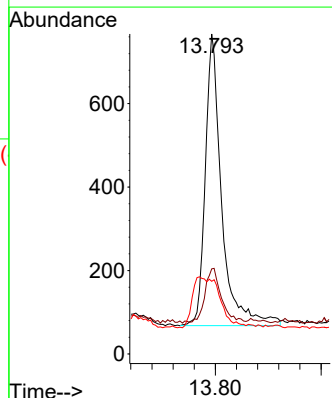
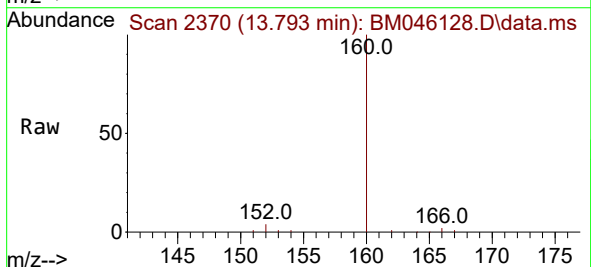
Tgt Ion:152 Resp: 1502

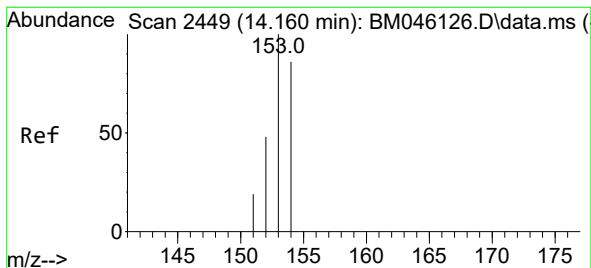
Ion Ratio Lower Upper

152 100

151 26.6 17.4 26.2#

153 22.7 11.8 17.8#





#11

Acenaphthene

Concen: 0.188 ng/ul

RT: 14.140 min Scan# 2449

Delta R.T. -0.032 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

Instrument :

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A4BM1

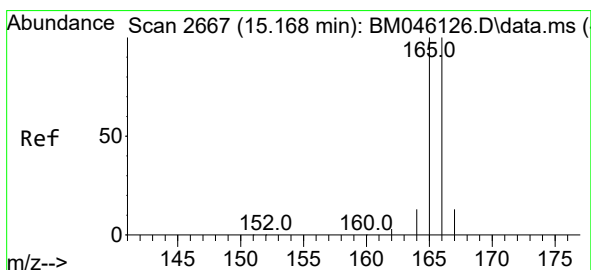
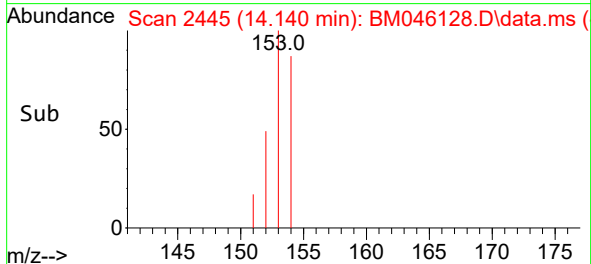
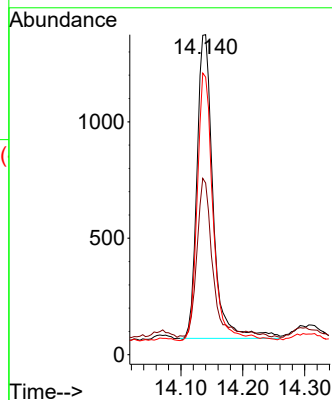
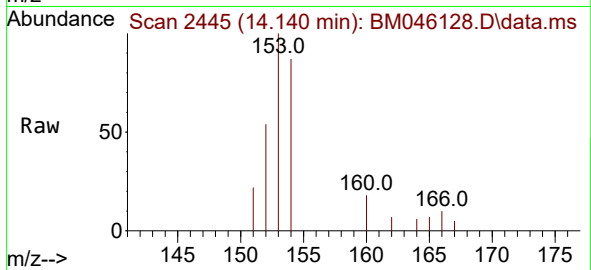
Tgt Ion:153 Resp: 2372

Ion Ratio Lower Upper

153 100

152 53.6 41.3 61.9

154 86.8 68.2 102.4



#12

Fluorene

Concen: 0.231 ng/ul

RT: 15.130 min Scan# 2659

Delta R.T. -0.051 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

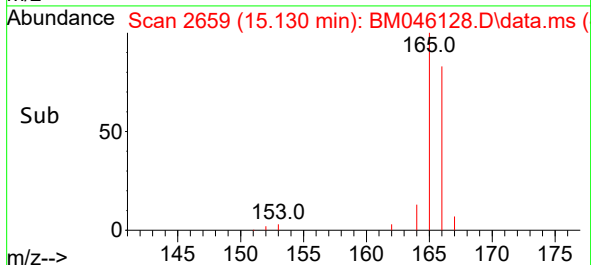
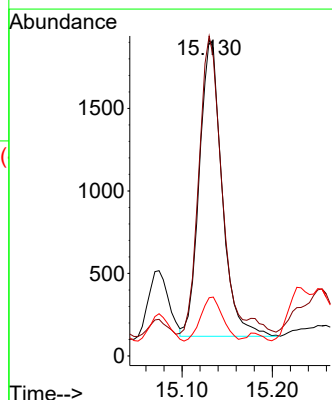
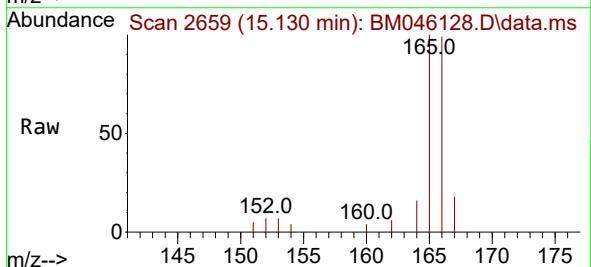
Tgt Ion:166 Resp: 3131

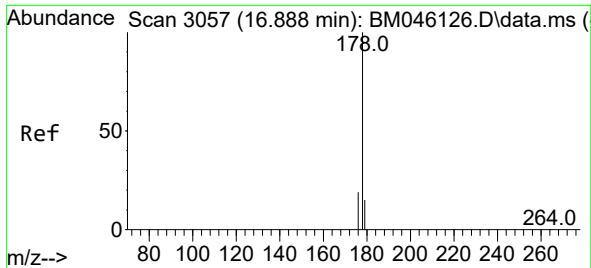
Ion Ratio Lower Upper

166 100

165 101.2 80.4 120.6

167 18.4 12.4 18.6

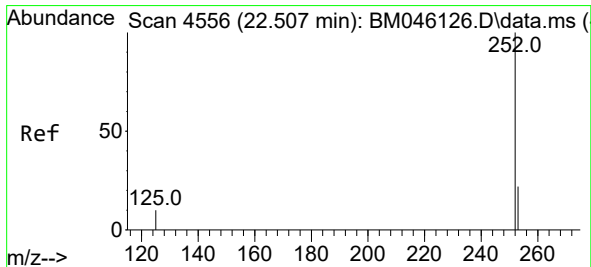
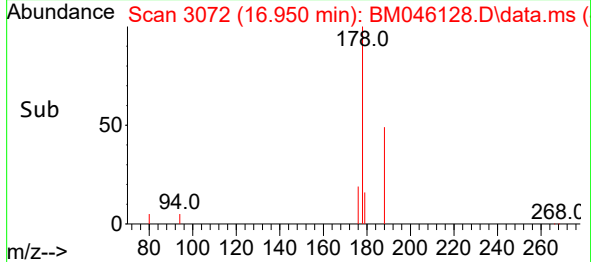
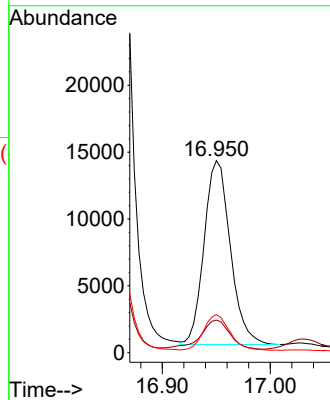
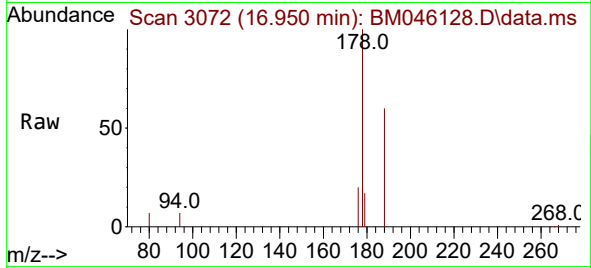




#15
Phenanthrene
Concen: 0.028 ng/ul
RT: 16.950 min Scan# 3057
Delta R.T. 0.047 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

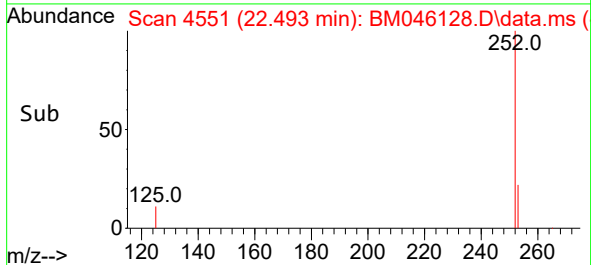
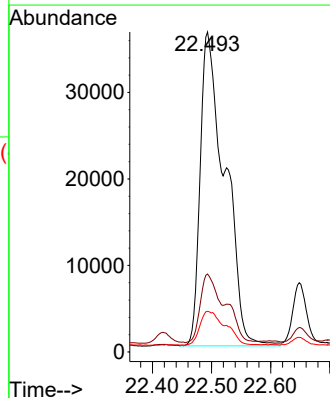
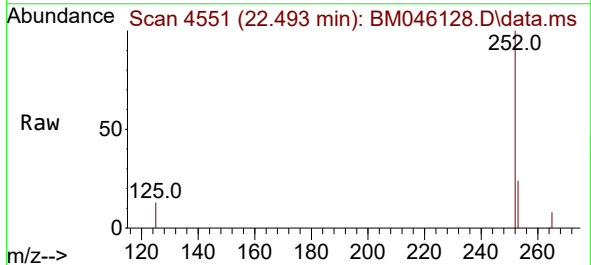
Instrument :
BNA_M
ClientSampleId :
A4BM1

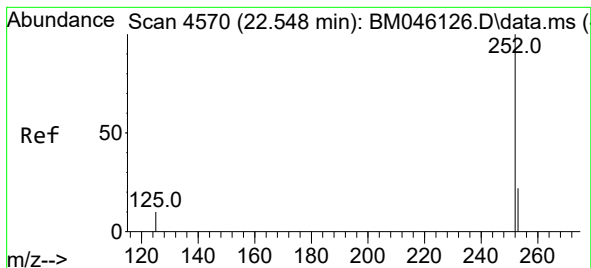
Tgt Ion:	178	Resp:	23289
Ion Ratio	Lower	Upper	
178	100		
179	17.0	14.2	21.2
176	19.8	17.1	25.7



#24
Benzo(b)fluoranthene
Concen: 2.596 ng/ul
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

Tgt Ion:	252	Resp:	105172
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	65.8
125	12.7	0.0	40.2





#25

Benzo(k)fluoranthene

Concen: 0.221 ng/ul

RT: 22.648 min Scan# 4

Delta R.T. 0.085 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

Instrument :

BNA_M

ClientSampleId :

A4BM1

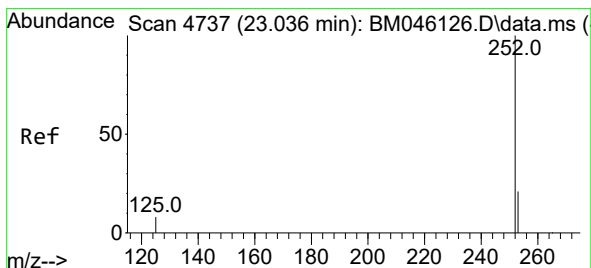
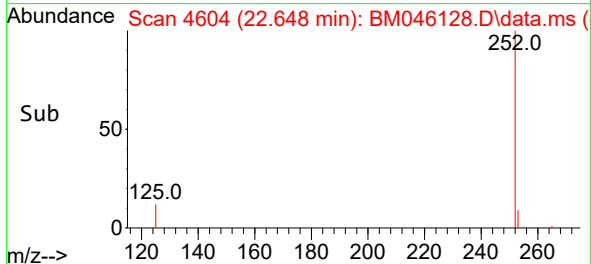
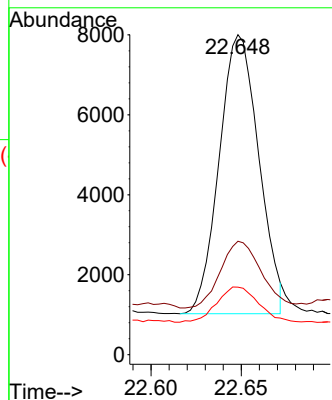
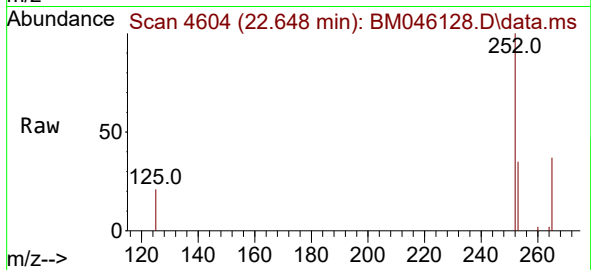
Tgt Ion:252 Resp: 10623

Ion Ratio Lower Upper

252 100

253 35.4 27.2 40.8

125 21.1 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.231 ng/ul

RT: 23.154 min Scan# 4777

Delta R.T. 0.099 min

Lab File: BM046128.D

Acq: 20 Jun 2024 18:10

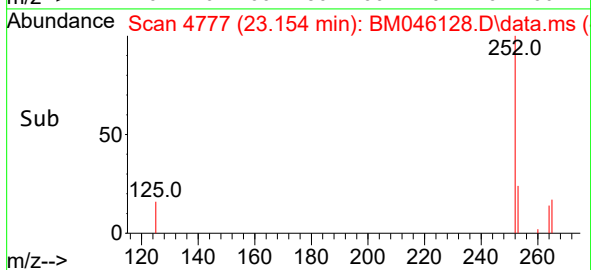
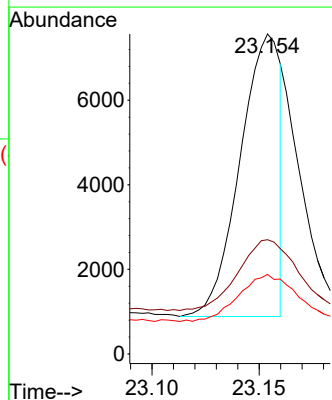
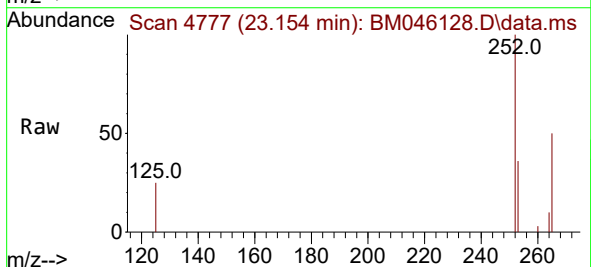
Tgt Ion:252 Resp: 8677

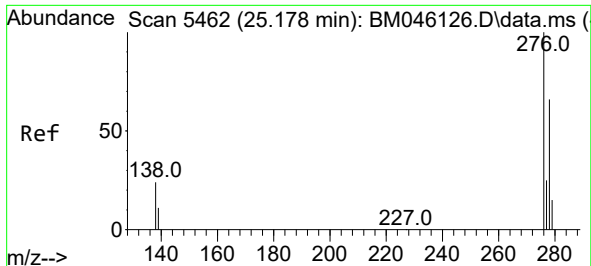
Ion Ratio Lower Upper

252 100

253 35.7 32.1 48.1

125 24.9 21.2 31.8

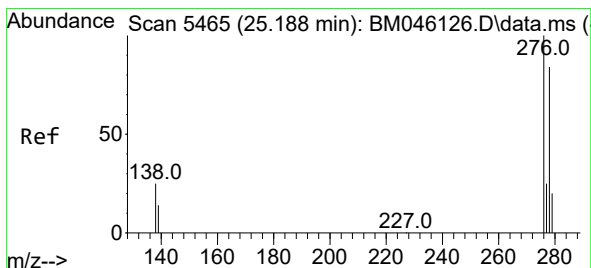
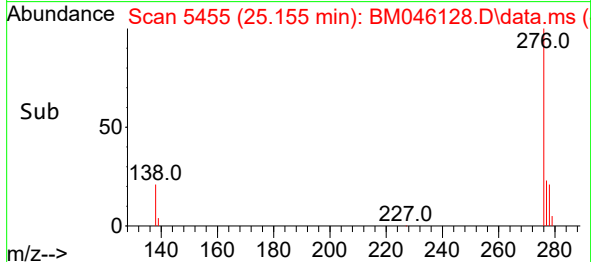
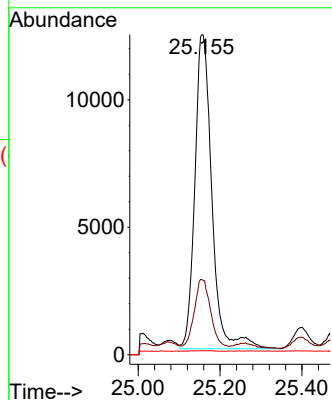
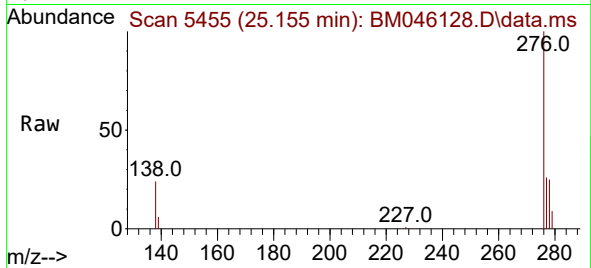




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.580 ng/ul
 RT: 25.155 min Scan# 5455
 Delta R.T. -0.047 min
 Lab File: BM046128.D
 Acq: 20 Jun 2024 18:10

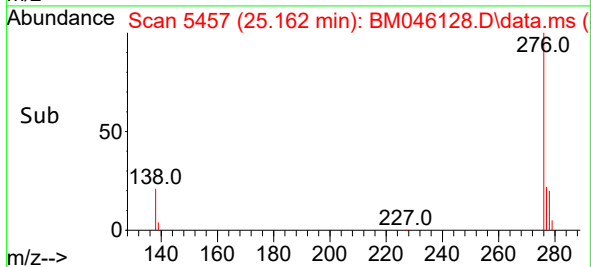
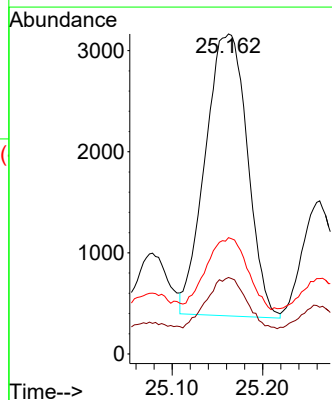
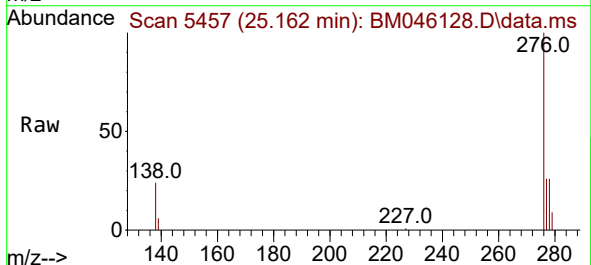
Instrument :
 BNA_M
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 A4BM1

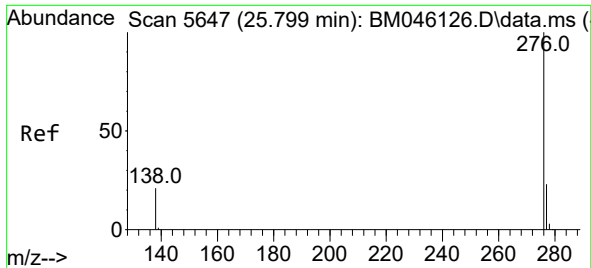
Tgt Ion:276 Resp: 35639
 Ion Ratio Lower Upper
 276 100
 138 20.1 21.0 31.4#
 227 0.0 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.197 ng/ul
 RT: 25.162 min Scan# 5457
 Delta R.T. -0.054 min
 Lab File: BM046128.D
 Acq: 20 Jun 2024 18:10

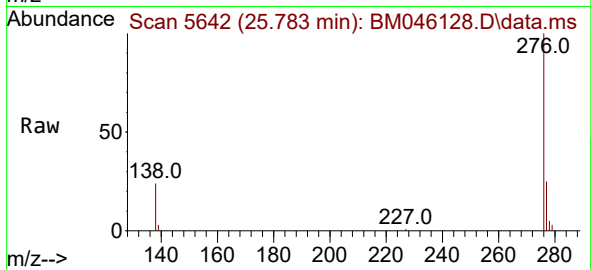
Tgt Ion:278 Resp: 8988
 Ion Ratio Lower Upper
 278 100
 139 23.9 17.6 26.4
 279 36.3 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.623 ng/ul
RT: 25.783 min Scan# 50
Delta R.T. -0.047 min
Lab File: BM046128.D
Acq: 20 Jun 2024 18:10

Instrument :
BNA_M
ClientSampleId :
A4BM1



Tgt Ion:	276	Resp:	32831
Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.7	32.5
277	24.9	20.4	30.6

