

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046133.D
 Acq On : 20 Jun 2024 21:14
 Operator : MA/JU
 Sample : P2710-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B26

Quant Time: Jun 21 02:49:08 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)

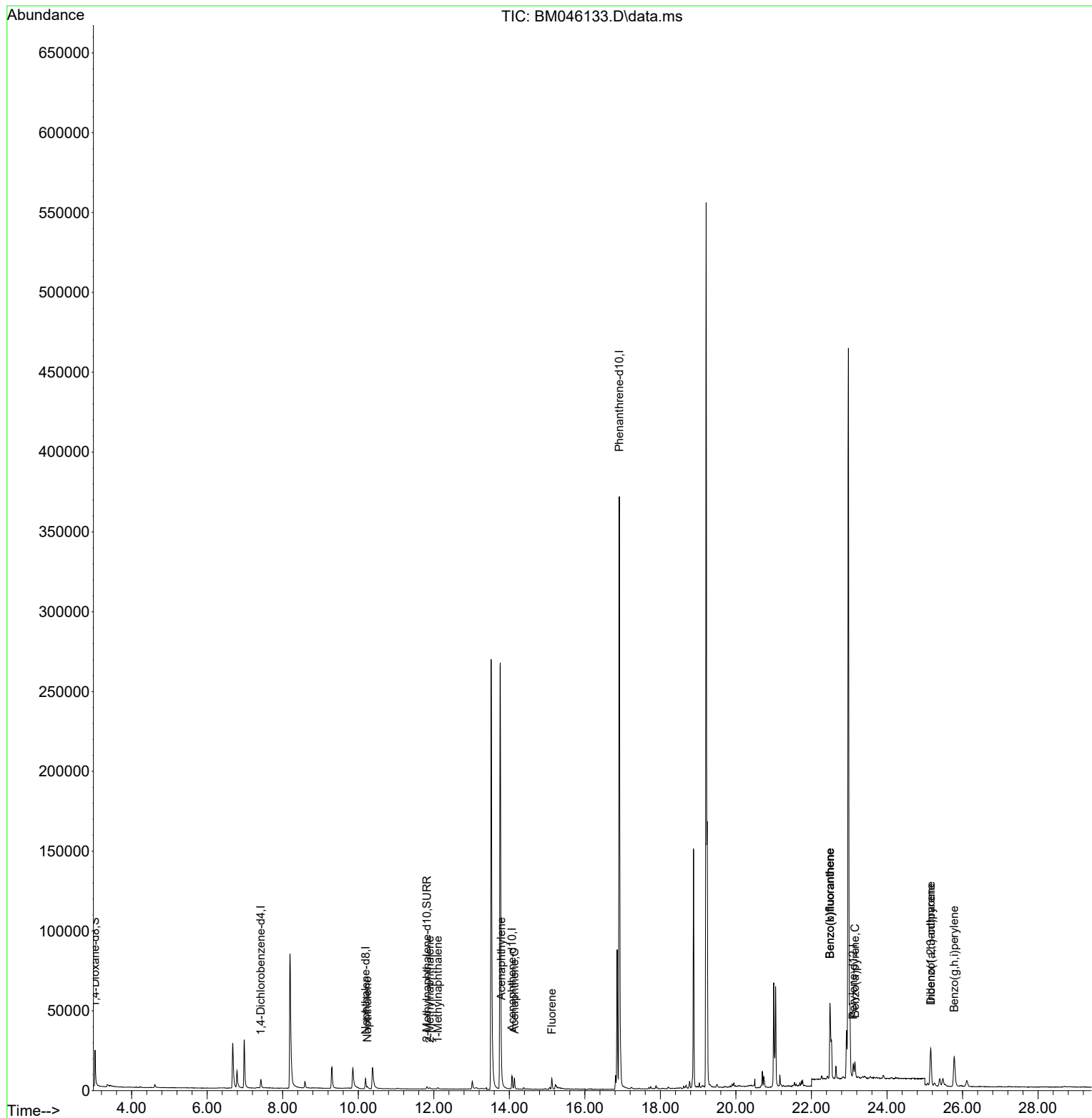
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.422	152	3105	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	9030	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.071	164	4919	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.912	188	459003	0.400	ng/ul	# 0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.107	264	13712	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	13934	3.271	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.821	152	2778	0.229	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	5990	0.000	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.242	128	2013	0.080	ng/ul#	93
7) 2-Methylnaphthalene	11.898	142	812	0.057	ng/ul	96
8) 1-Methylnaphthalene	12.107	142	842	0.054	ng/ul	95
10) Acenaphthylene	13.788	152	4096	0.176	ng/ul#	95
11) Acenaphthene	14.135	153	4458	0.265	ng/ul	98
12) Fluorene	15.125	166	4691	0.260	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	96061	1.945	ng/ul	87
25) Benzo(k)fluoranthene	22.490	252	96061	1.636	ng/ul#	85
26) Benzo(a)pyrene	23.151	252	7879	0.172	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.159	276	37482	0.500	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.162	278	8499	0.152	ng/ul#	85
29) Benzo(g,h,i)perylene	25.783	276	38405	0.598	ng/ul	97

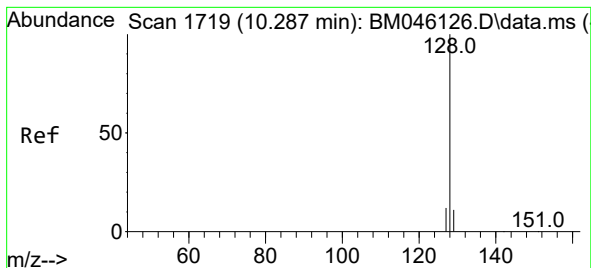
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.080 ng/ul

RT: 10.242 min Scan# 1

Delta R.T. -0.060 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

Instrument :

BNA_M

ClientSampleId :

A4B26

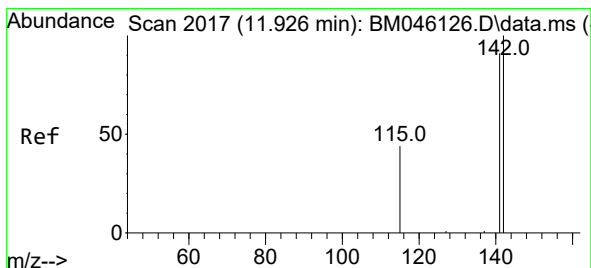
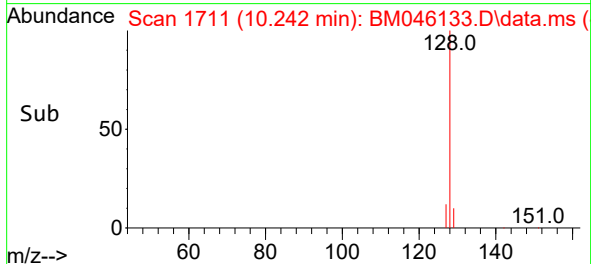
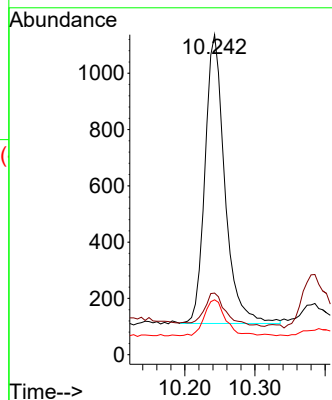
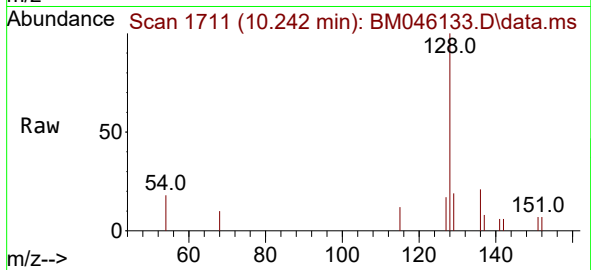
Tgt Ion:128 Resp: 2013

Ion Ratio Lower Upper

128 100

129 19.3 11.8 17.6#

127 17.2 12.8 19.2



#7

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 11.898 min Scan# 2012

Delta R.T. -0.049 min

Lab File: BM046133.D

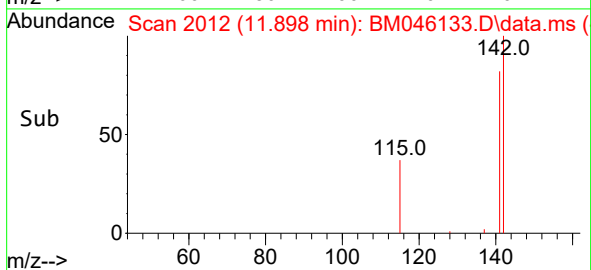
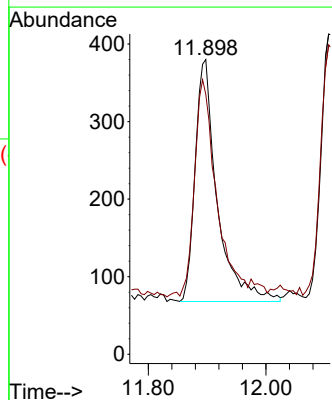
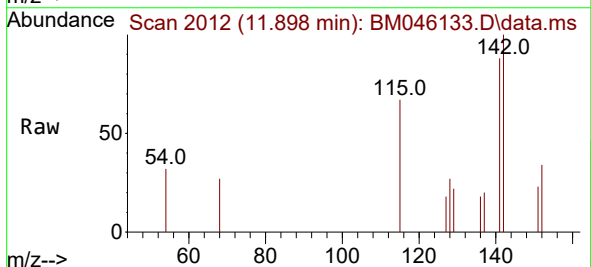
Acq: 20 Jun 2024 21:14

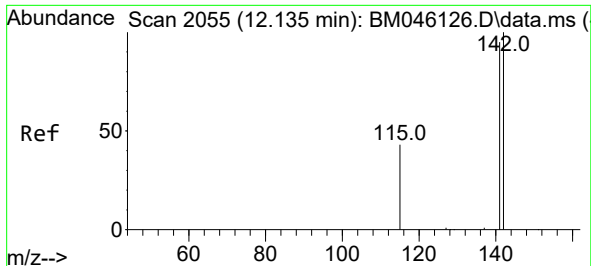
Tgt Ion:142 Resp: 812

Ion Ratio Lower Upper

142 100

141 89.4 74.6 111.8

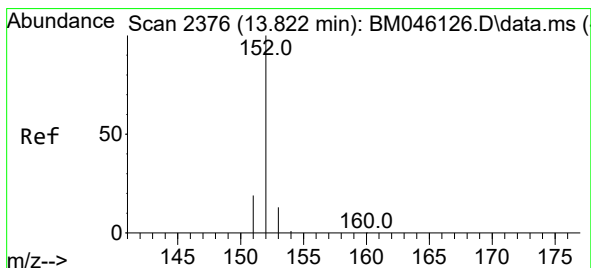
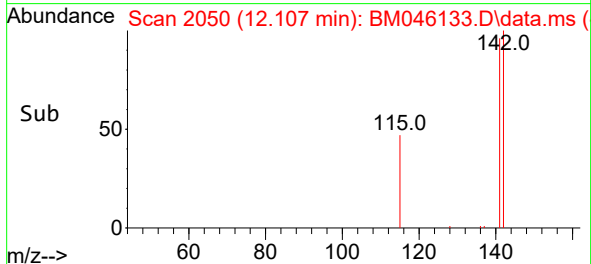
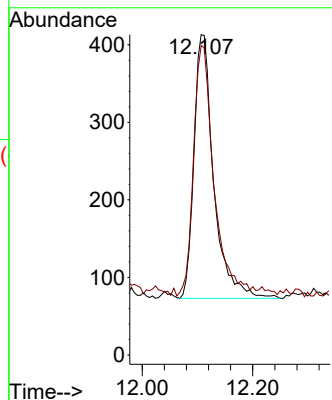
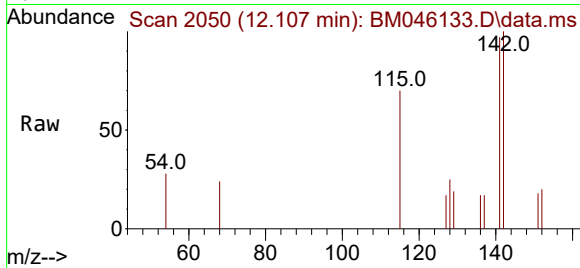




#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.107 min Scan# 2050
Delta R.T. -0.044 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

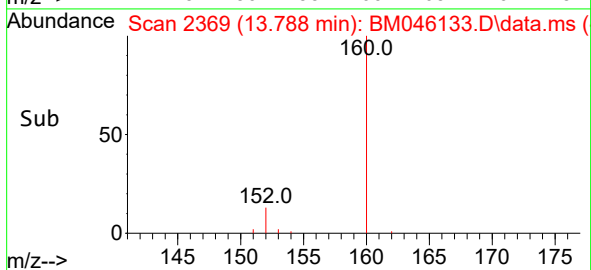
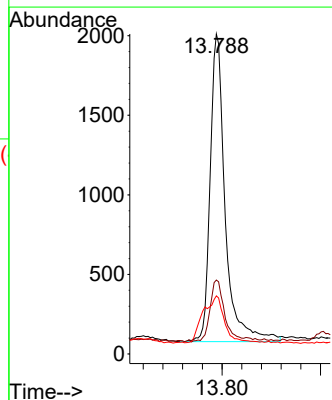
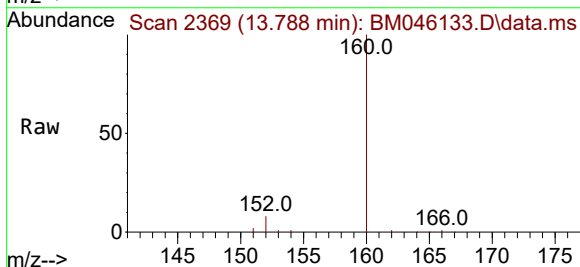
Instrument :
BNA_M
ClientSampleId :
A4B26

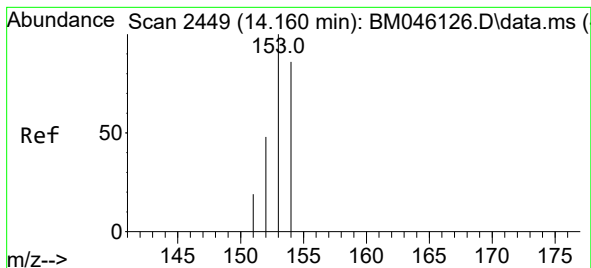
Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
141 98.9 75.2 112.8



#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Tgt Ion:152 Resp: 4096
Ion Ratio Lower Upper
152 100
151 23.1 17.4 26.2
153 18.2 11.8 17.8#





#11

Acenaphthene

Concen: 0.265 ng/ul

RT: 14.135 min Scan# 2444

Delta R.T. -0.037 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

Instrument :

BNA_M

ClientSampleId :

A4B26

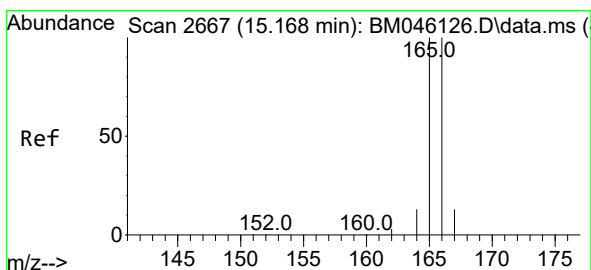
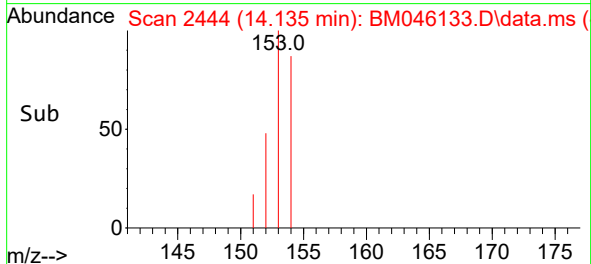
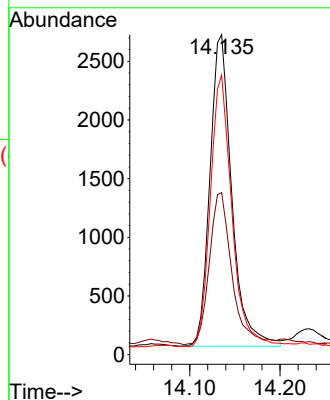
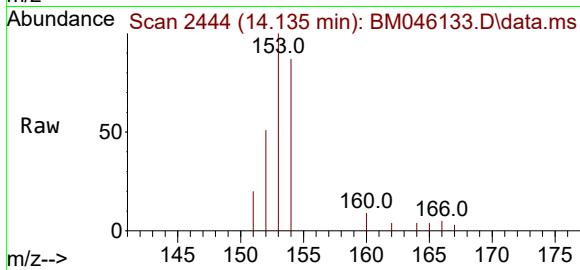
Tgt Ion:153 Resp: 4458

Ion Ratio Lower Upper

153 100

152 50.6 41.3 61.9

154 87.4 68.2 102.4



#12

Fluorene

Concen: 0.260 ng/ul

RT: 15.125 min Scan# 2658

Delta R.T. -0.055 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

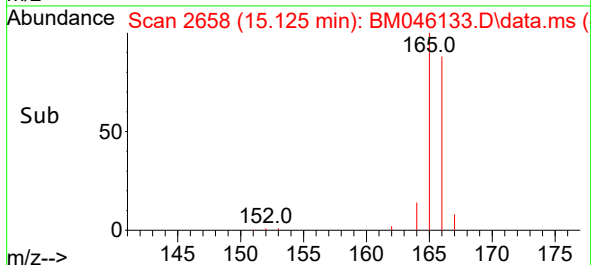
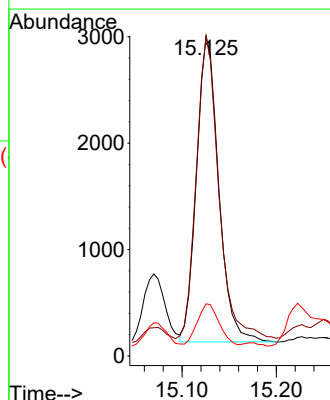
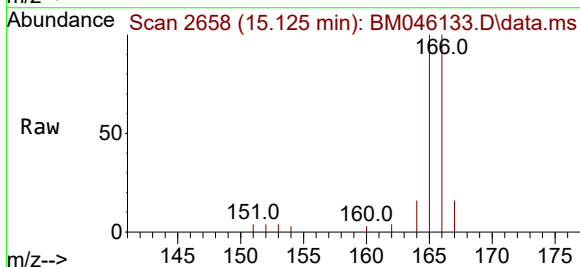
Tgt Ion:166 Resp: 4691

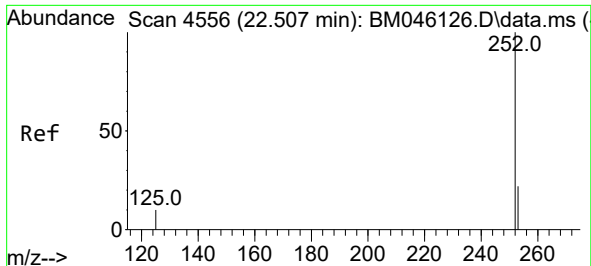
Ion Ratio Lower Upper

166 100

165 99.7 80.4 120.6

167 16.3 12.4 18.6

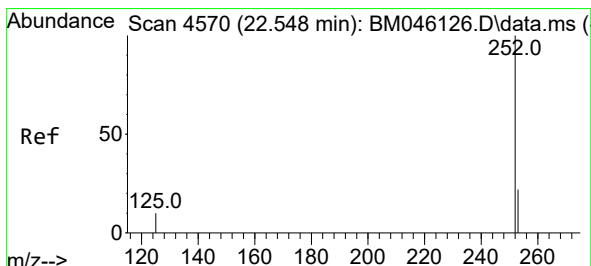
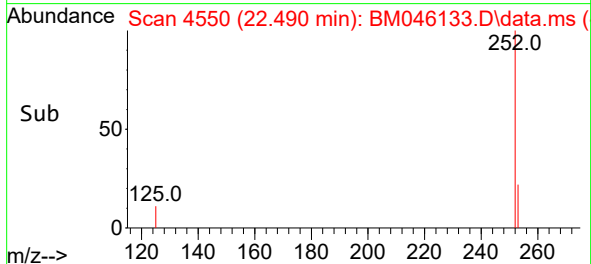
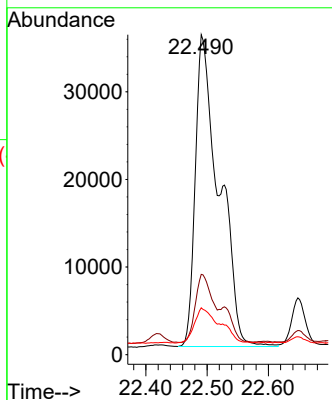
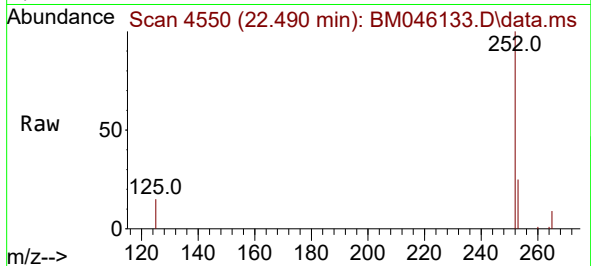




#24
Benzo(b)fluoranthene
Concen: 1.945 ng/ul
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

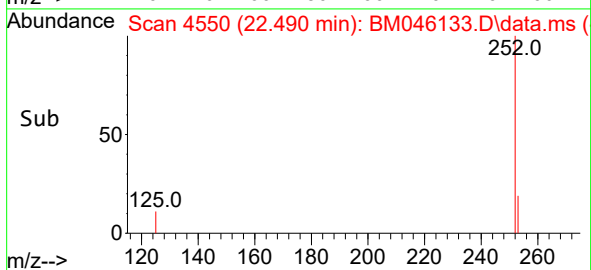
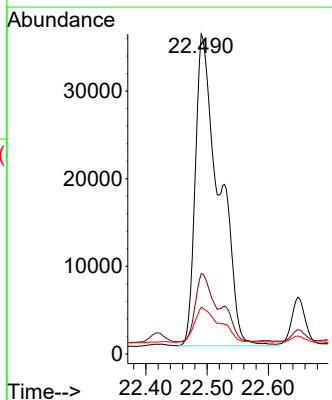
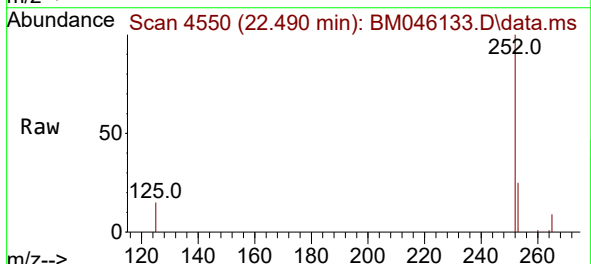
Instrument :
BNA_M
ClientSampleId :
A4B26

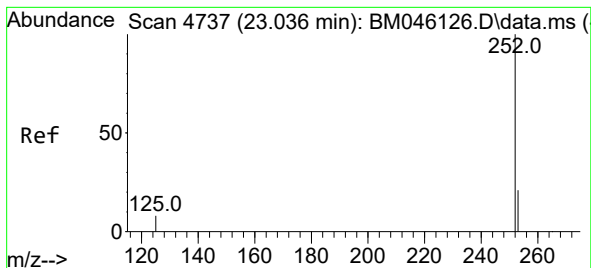
Tgt Ion:252 Resp: 96061
Ion Ratio Lower Upper
252 100
253 25.1 0.0 65.8
125 14.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.636 ng/ul
RT: 22.490 min Scan# 4550
Delta R.T. -0.073 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Tgt Ion:252 Resp: 96061
Ion Ratio Lower Upper
252 100
253 25.1 27.2 40.8#
125 14.7 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.172 ng/ul

RT: 23.151 min Scan# 41

Delta R.T. 0.097 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

Instrument :

BNA_M

ClientSampleId :

A4B26

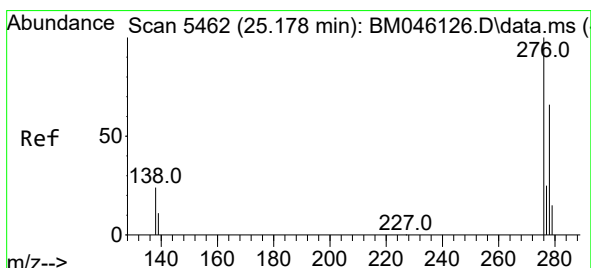
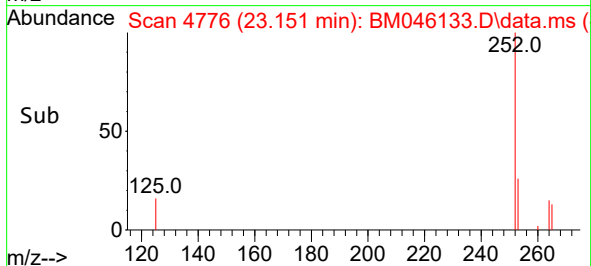
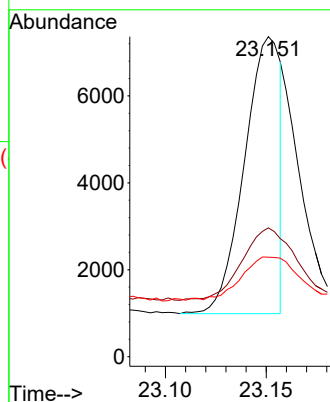
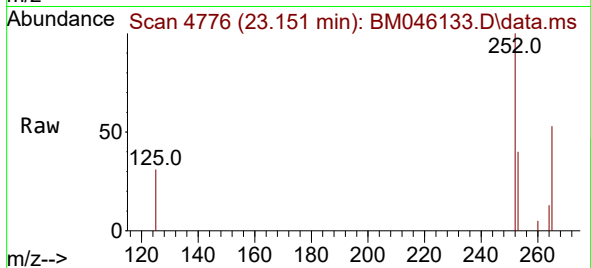
Tgt Ion:252 Resp: 7879

Ion Ratio Lower Upper

252 100

253 40.3 32.1 48.1

125 31.1 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.500 ng/ul

RT: 25.159 min Scan# 5456

Delta R.T. -0.043 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

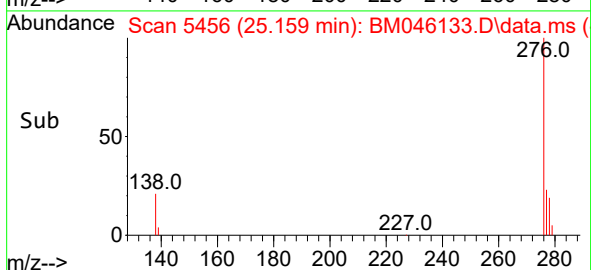
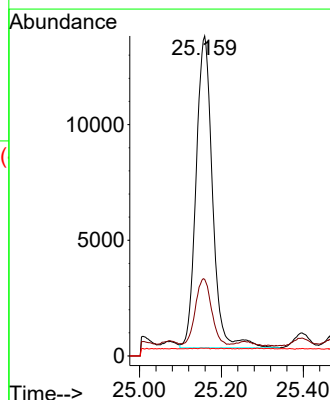
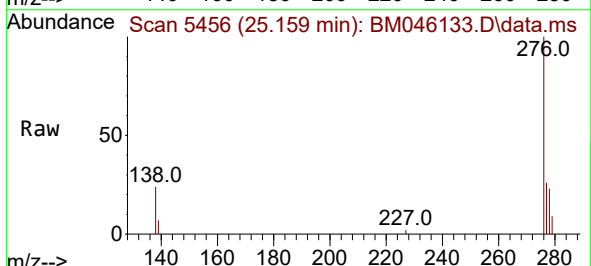
Tgt Ion:276 Resp: 37482

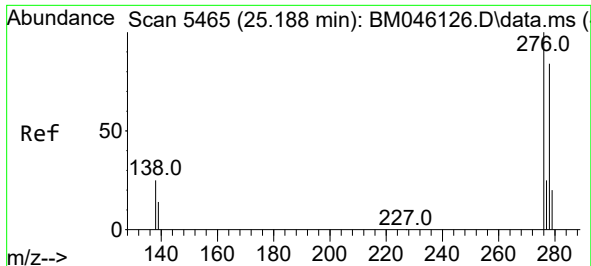
Ion Ratio Lower Upper

276 100

138 20.6 21.0 31.4#

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.152 ng/ul

RT: 25.162 min Scan# 54

Delta R.T. -0.054 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

Instrument :

BNA_M

ClientSampleId :

A4B26

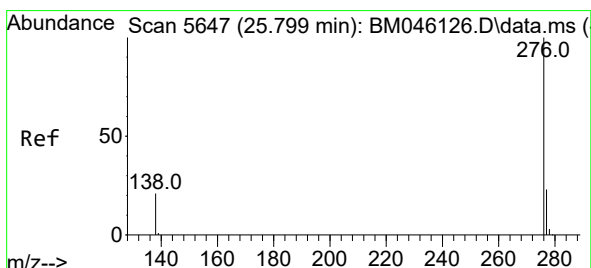
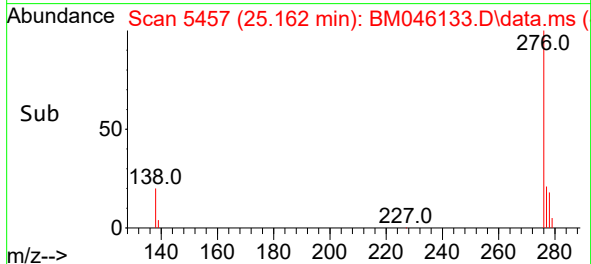
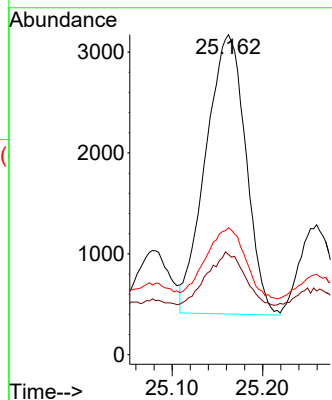
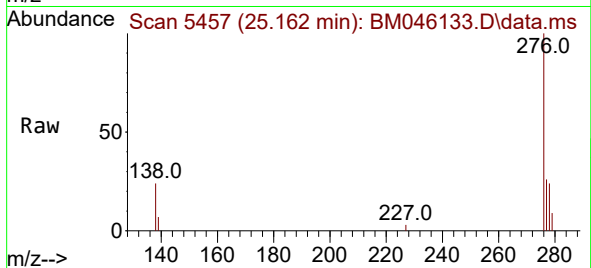
Tgt Ion:278 Resp: 8499

Ion Ratio Lower Upper

278 100

139 31.3 17.6 26.4#

279 39.7 26.3 39.5#



#29

Benzo(g,h,i)perylene

Concen: 0.598 ng/ul

RT: 25.783 min Scan# 5642

Delta R.T. -0.047 min

Lab File: BM046133.D

Acq: 20 Jun 2024 21:14

Tgt Ion:276 Resp: 38405

Ion Ratio Lower Upper

276 100

138 24.3 21.7 32.5

277 25.7 20.4 30.6

