

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046097.D
 Acq On : 19 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2695-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK5

Quant Time: Jun 19 22:50:44 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)

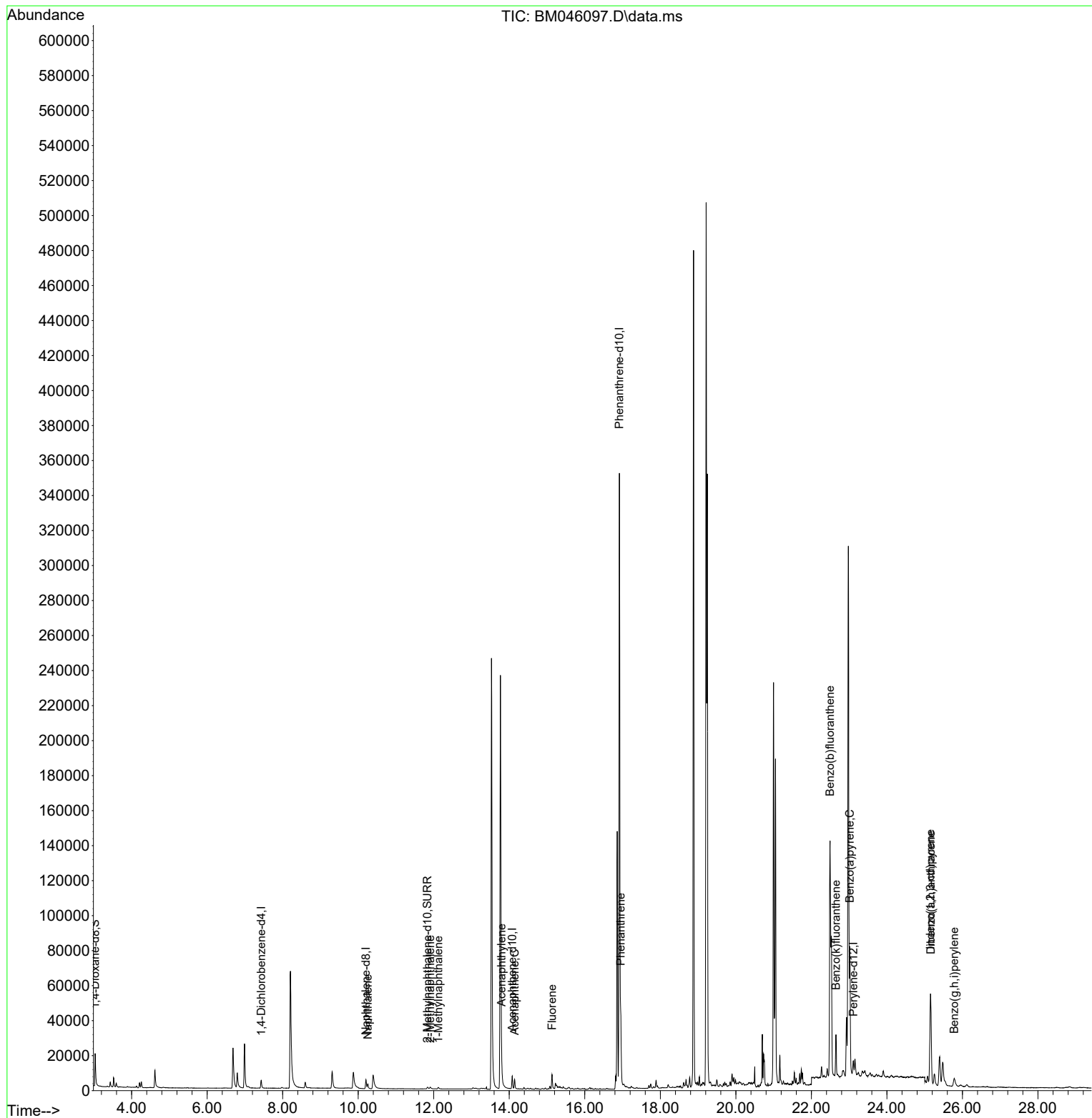
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2699	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	7709	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.080	164	4238	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.916	188	417877	0.400	ng/ul	0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.110	264	14247	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11390	3.076	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.831	152	2248	0.217	ng/ul	-0.03
18) Fluoranthene-d10	18.852	212	6172	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	4066	0.189	ng/ul	99
7) 2-Methylnaphthalene	11.908	142	1132	0.094	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	887	0.067	ng/ul	98
10) Acenaphthylene	13.797	152	9777	0.486	ng/ul	98
11) Acenaphthene	14.140	153	3504	0.241	ng/ul	99
12) Fluorene	15.130	166	5610	0.360	ng/ul	99
15) Phenanthrene	16.950	178	39688	0.034	ng/ul	97
24) Benzo(b)fluoranthene	22.493	252	293568	5.719	ng/ul	83
25) Benzo(k)fluoranthene	22.651	252	25858	0.424	ng/ul	97
26) Benzo(a)pyrene	23.019	252	86005	1.808	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.155	276	71518	0.919	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.162	278	24530	0.423	ng/ul	97
29) Benzo(g,h,i)perylene	25.782	276	9705	0.145	ng/ul#	90

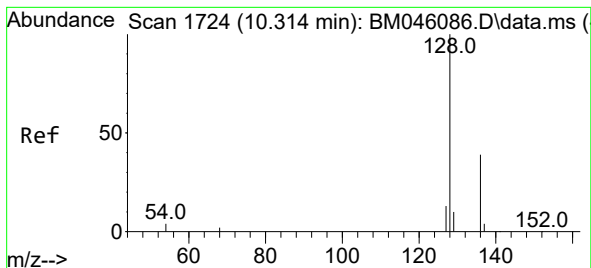
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Quant Time: Jun 19 22:50:44 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

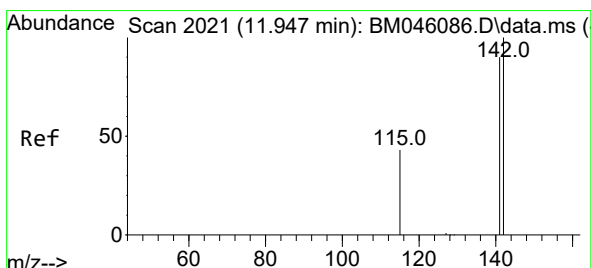
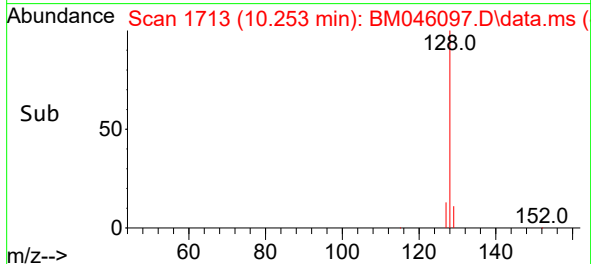
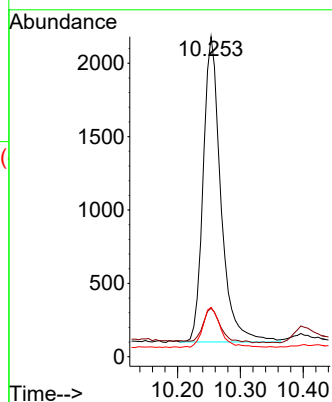
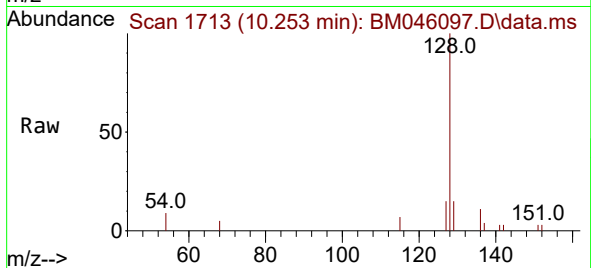




#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.253 min Scan# 11
Delta R.T. -0.050 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

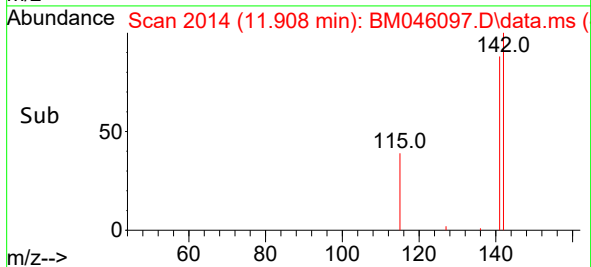
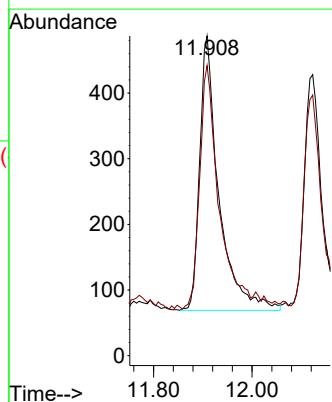
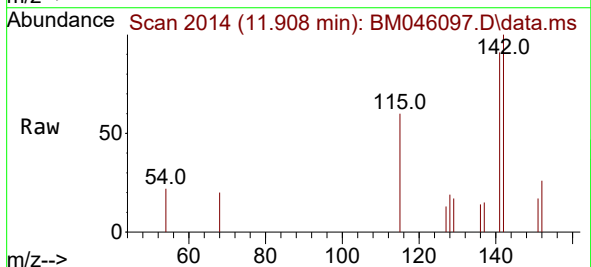
Instrument :
BNA_M
ClientSampleId :
A4BK5

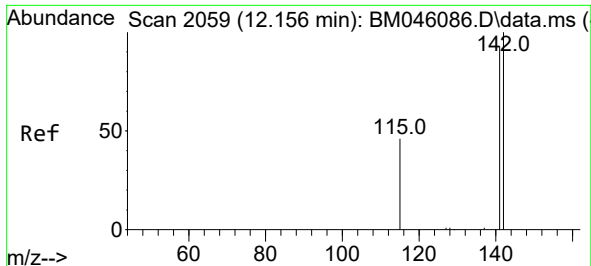
Tgt Ion:128 Resp: 4066
Ion Ratio Lower Upper
128 100
129 15.2 11.8 17.6
127 15.4 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 11.908 min Scan# 2014
Delta R.T. -0.039 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Tgt Ion:142 Resp: 1132
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8

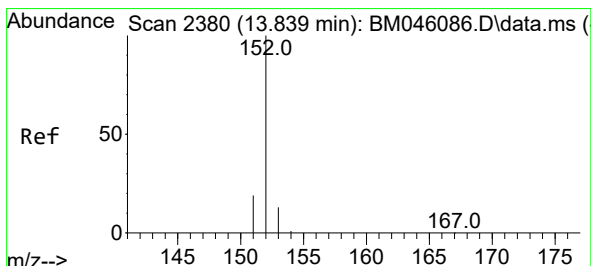
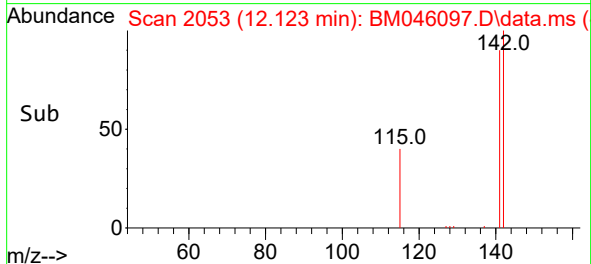
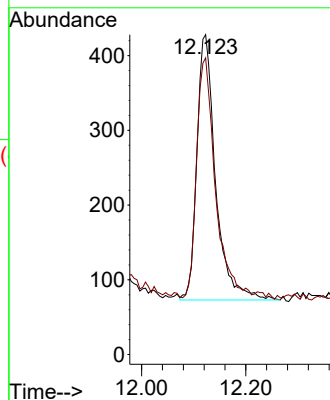
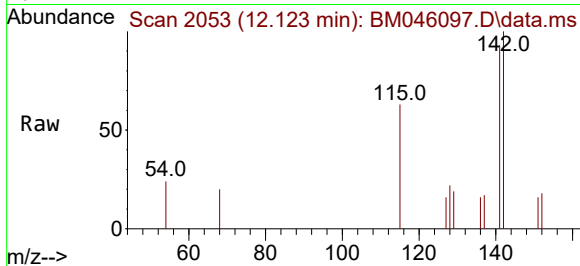




#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.028 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

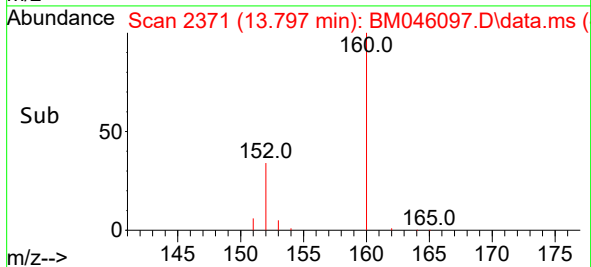
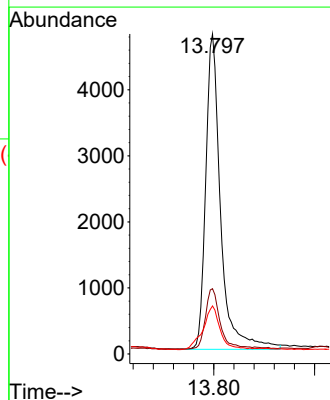
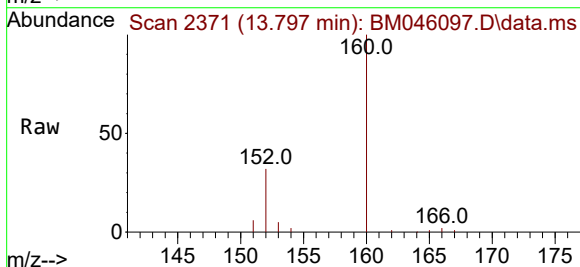
Instrument :
BNA_M
ClientSampleId :
A4BK5

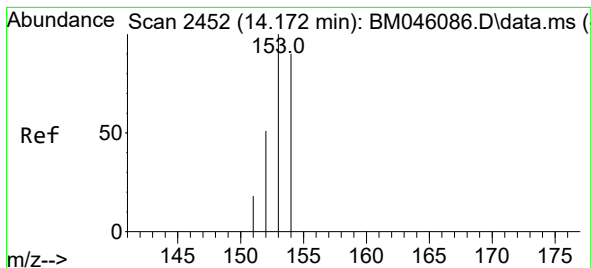
Tgt Ion:142 Resp: 887
Ion Ratio Lower Upper
142 100
141 91.8 75.2 112.8



#10
Acenaphthylene
Concen: 0.486 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Tgt Ion:152 Resp: 9777
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.2
153 15.0 11.8 17.8





#11

Acenaphthene

Concen: 0.241 ng/ul

RT: 14.140 min Scan# 2445

Delta R.T. -0.032 min

Lab File: BM046097.D

Acq: 19 Jun 2024 21:54

Instrument :

BNA_M

ClientSampleId :

A4BK5

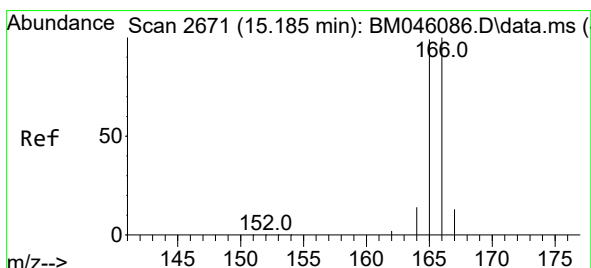
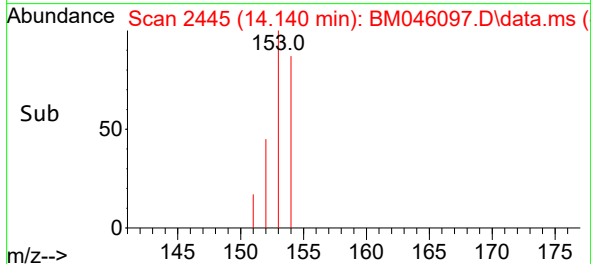
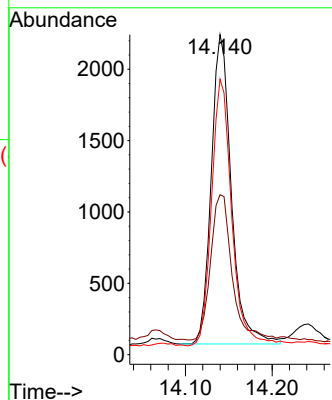
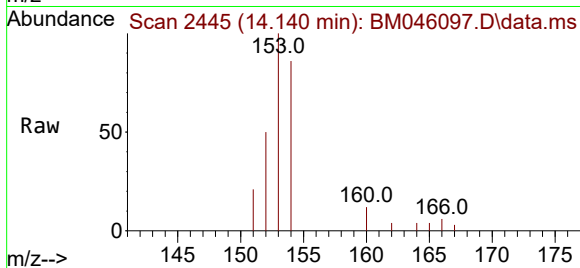
Tgt Ion:153 Resp: 3504

Ion Ratio Lower Upper

153 100

152 50.0 41.3 61.9

154 86.1 68.2 102.4



#12

Fluorene

Concen: 0.360 ng/ul

RT: 15.130 min Scan# 2659

Delta R.T. -0.051 min

Lab File: BM046097.D

Acq: 19 Jun 2024 21:54

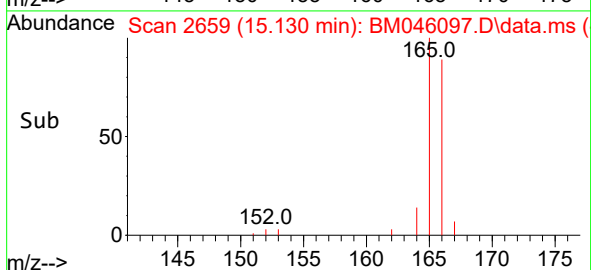
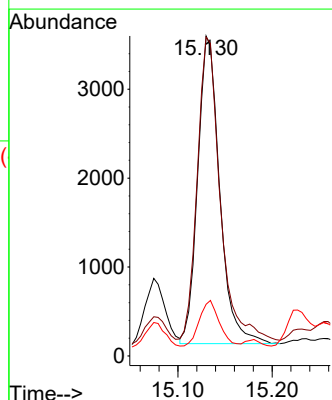
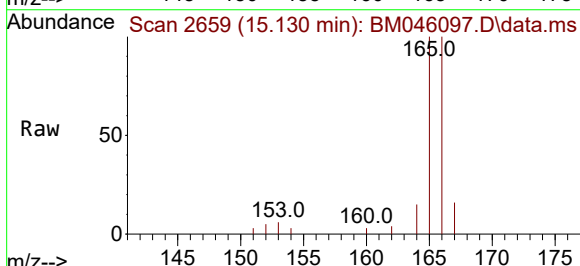
Tgt Ion:166 Resp: 5610

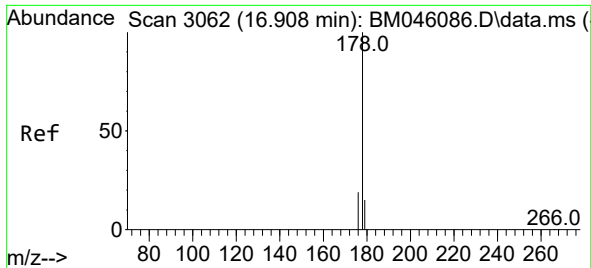
Ion Ratio Lower Upper

166 100

165 99.6 80.4 120.6

167 16.1 12.4 18.6

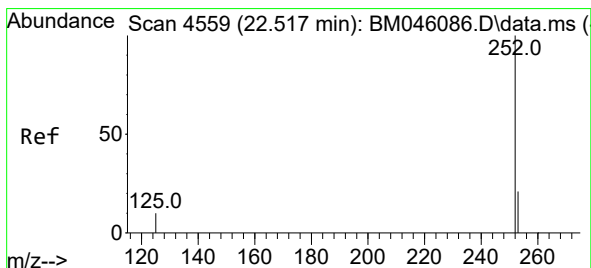
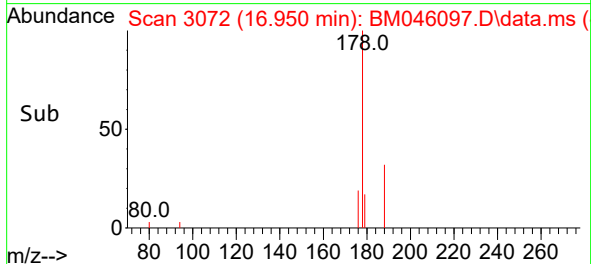
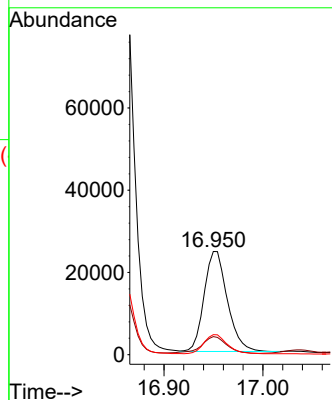
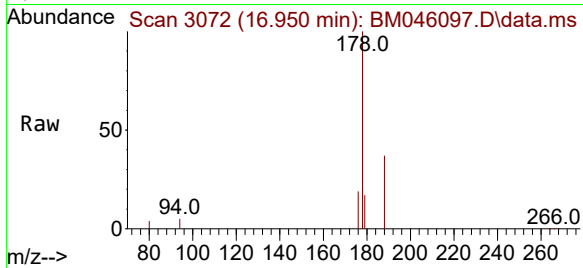




#15
Phenanthrene
Concen: 0.034 ng/ul
RT: 16.950 min Scan# 3062
Delta R.T. 0.046 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

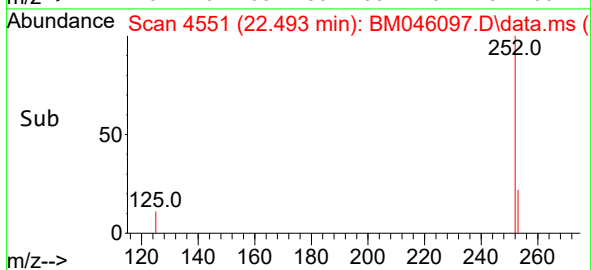
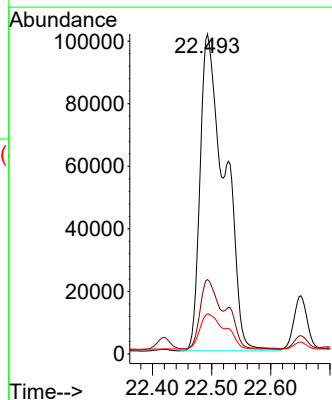
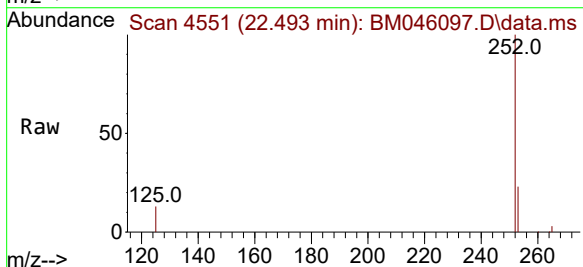
Instrument :
BNA_M
ClientSampleId :
A4BK5

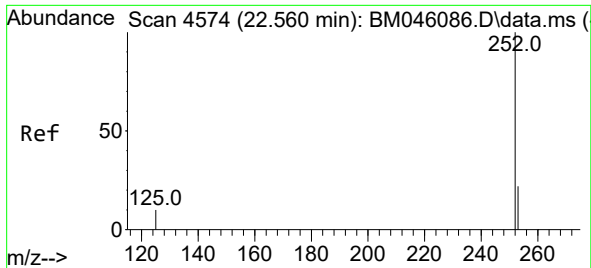
Tgt Ion:178 Resp: 39688
Ion Ratio Lower Upper
178 100
179 17.5 14.2 21.2
176 19.4 17.1 25.7



#24
Benzo(b)fluoranthene
Concen: 5.719 ng/ul
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Tgt Ion:252 Resp: 293568
Ion Ratio Lower Upper
252 100
253 23.2 0.0 65.8
125 12.6 0.0 40.2

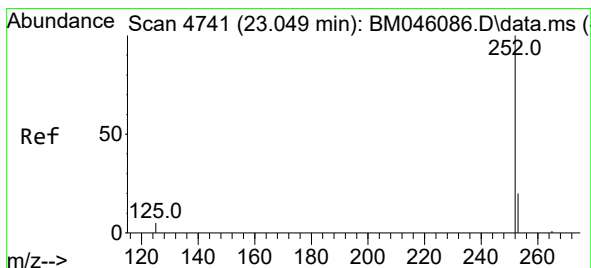
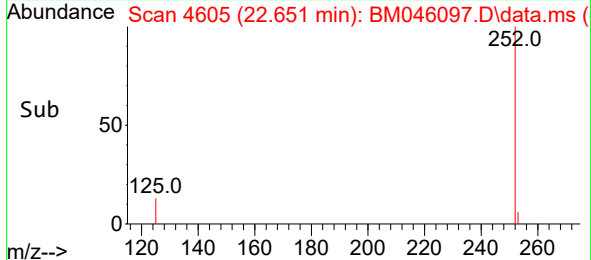
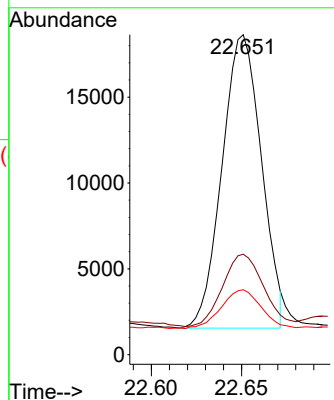
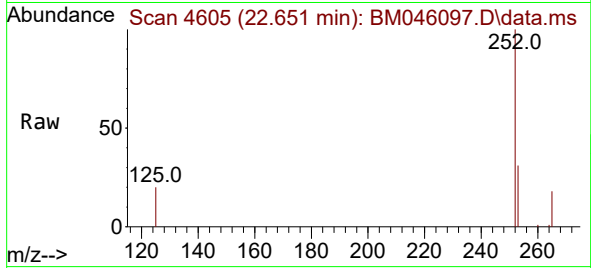




#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 22.651 min Scan# 41
Delta R.T. 0.088 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

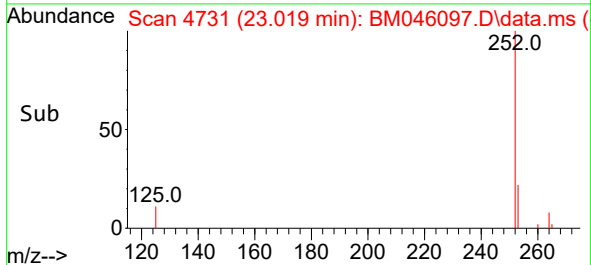
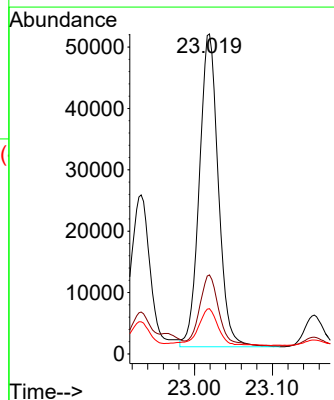
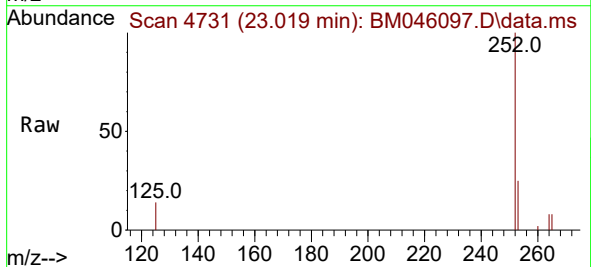
Instrument :
BNA_M
ClientSampleId :
A4BK5

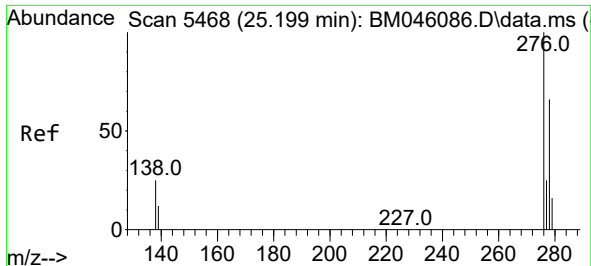
Tgt Ion:252 Resp: 25858
Ion Ratio Lower Upper
252 100
253 31.4 27.2 40.8
125 20.3 16.6 25.0



#26
Benzo(a)pyrene
Concen: 1.808 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.035 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Tgt Ion:252 Resp: 86005
Ion Ratio Lower Upper
252 100
253 24.7 32.1 48.1#
125 14.1 21.2 31.8#

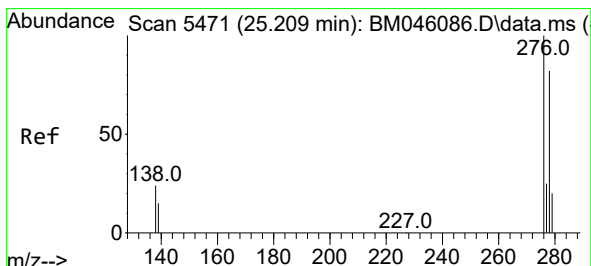
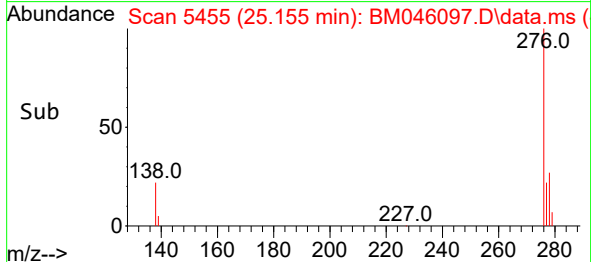
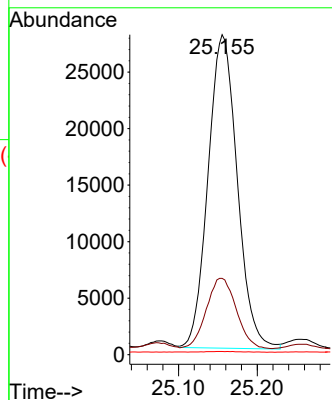
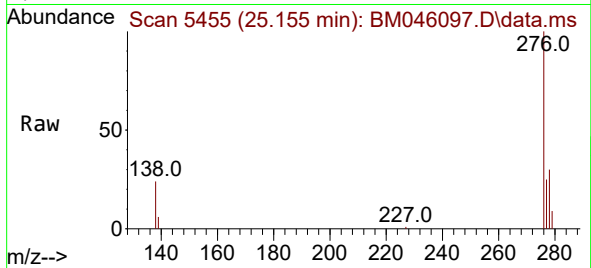




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.919 ng/ul
RT: 25.155 min Scan# 5468
Delta R.T. -0.047 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

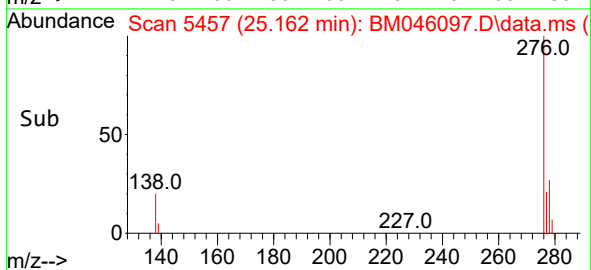
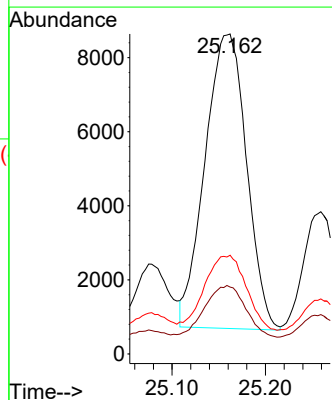
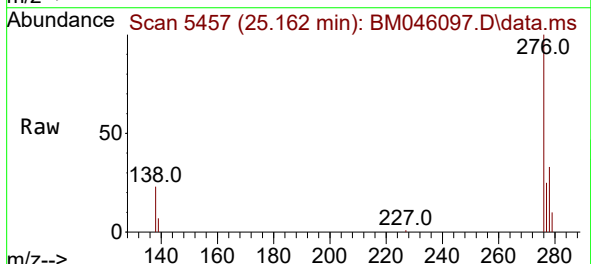
Instrument :
BNA_M
ClientSampleId :
A4BK5

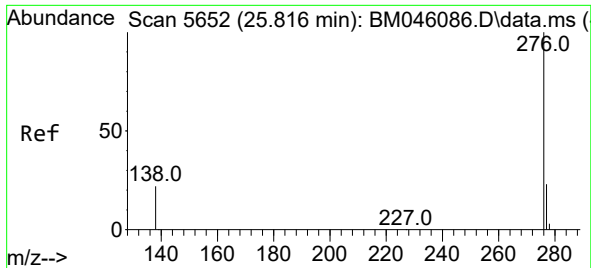
Tgt Ion:276 Resp: 71518
Ion Ratio Lower Upper
276 100
138 23.1 21.0 31.4
227 0.3 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.054 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Tgt Ion:278 Resp: 24530
Ion Ratio Lower Upper
278 100
139 20.9 17.6 26.4
279 30.8 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 25.782 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Instrument :
BNA_M
ClientSampleId :
A4BK5

Tgt Ion:276 Resp: 9705
Ion Ratio Lower Upper
276 100
138 31.7 21.7 32.5
277 31.2 20.4 30.6#

