

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046211.D
 Acq On : 22 Jun 2024 23:48
 Operator : MA/JU
 Sample : P2754-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ0DL

Quant Time: Jun 23 01:09:08 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

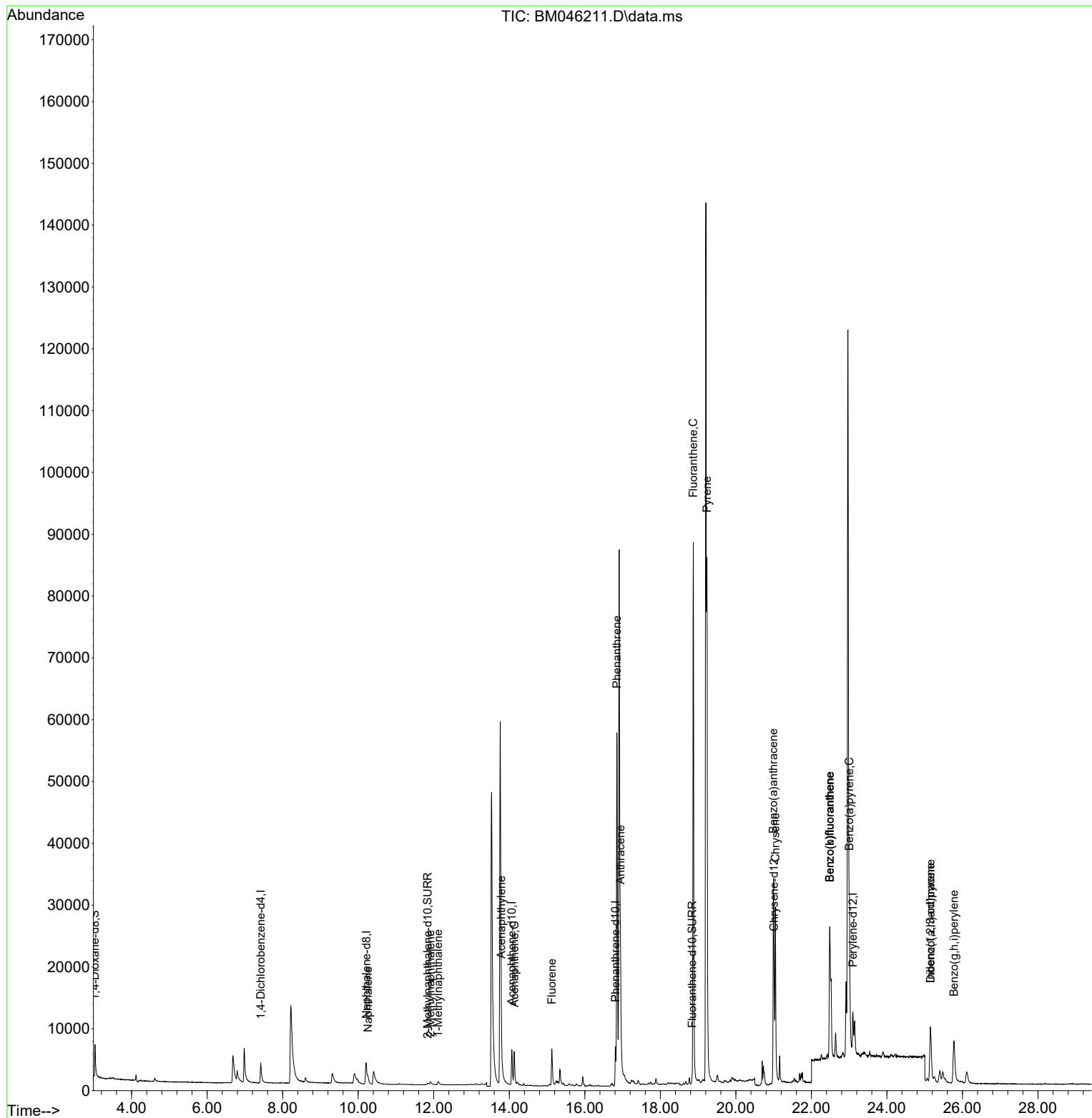
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2571	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.211	136	7416	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.067	164	4313	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	8681	0.400	ng/ul	-0.05
17) Chrysene-d12	21.011	240	7302	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	10610	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3352	0.950	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	677	0.068	ng/ul	-0.03
18) Fluoranthene-d10	18.844	212	1705	0.078	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	2223	0.107	ng/ul#	88
7) 2-Methylnaphthalene	11.915	142	673	0.058	ng/ul	97
8) 1-Methylnaphthalene	12.119	142	619	0.048	ng/ul	91
10) Acenaphthylene	13.790	152	677	0.033	ng/ul#	49
11) Acenaphthene	14.132	153	4154	0.281	ng/ul	99
12) Fluorene	15.127	166	5289	0.334	ng/ul	99
15) Phenanthrene	16.850	178	72155	2.958	ng/ul	96
16) Anthracene	16.943	178	20530	1.130	ng/ul	97
19) Fluoranthene	18.872	202	87529	2.768	ng/ul	97
20) Pyrene	19.235	202	75599	2.211	ng/ul	96
21) Benzo(a)anthracene	20.994	228	33512	1.188	ng/ul	98
22) Chrysene	21.047	228	28782	0.800	ng/ul	99
24) Benzo(b)fluoranthene	22.484	252	48831	1.277	ng/ul	90
25) Benzo(k)fluoranthene	22.484	252	48831	1.075	ng/ul#	88
26) Benzo(a)pyrene	23.004	252	27398	0.773	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.152	276	16709	0.288	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.155	278	3492	0.081	ng/ul#	75
29) Benzo(g,h,i)perylene	25.776	276	16575	0.333	ng/ul	97

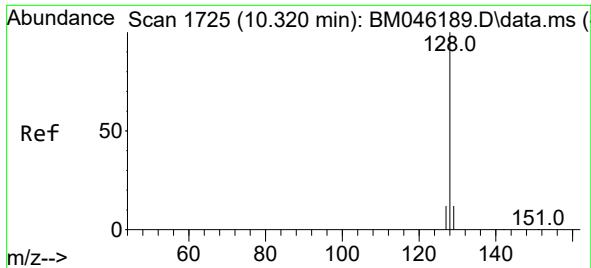
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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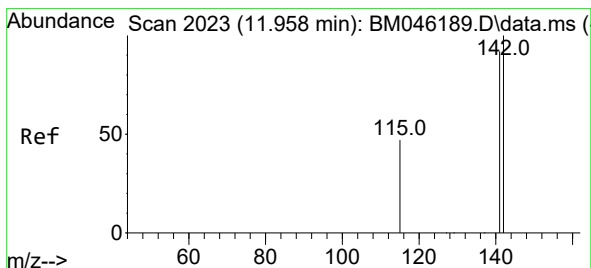
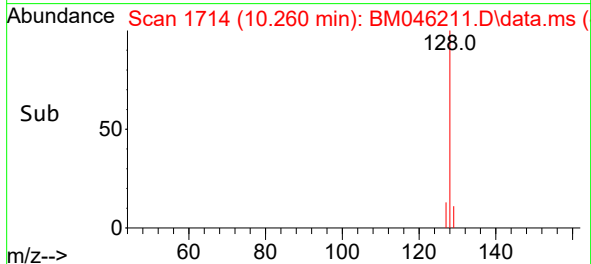
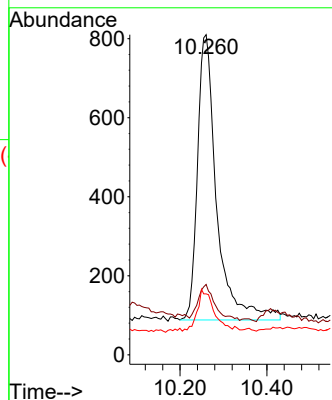
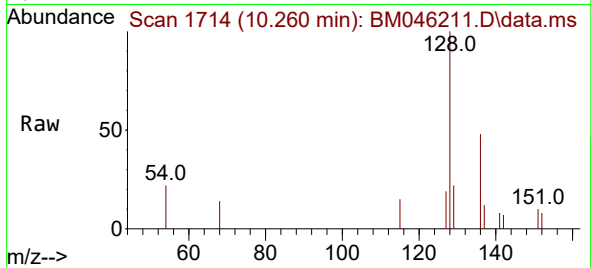




#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.043 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

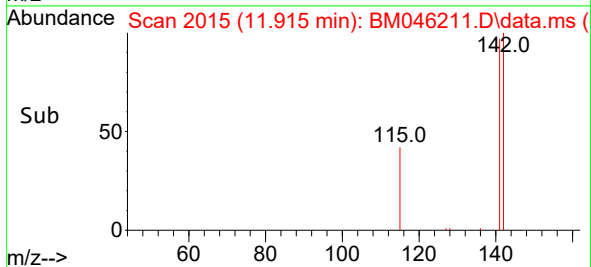
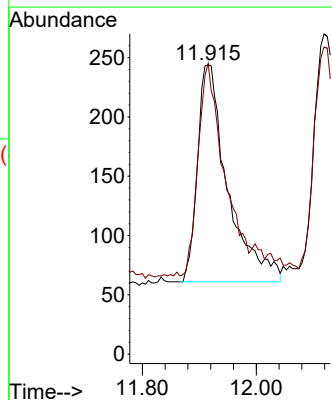
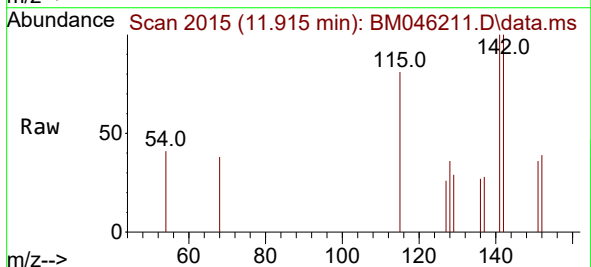
Instrument :
BNA_M
ClientSampleId :
A4BQ0DL

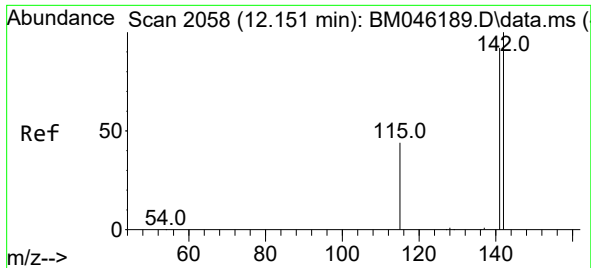
Tgt Ion:128 Resp: 2223
Ion Ratio Lower Upper
128 100
129 22.0 11.8 17.6#
127 19.0 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.032 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

Tgt Ion:142 Resp: 673
Ion Ratio Lower Upper
142 100
141 95.8 74.6 111.8

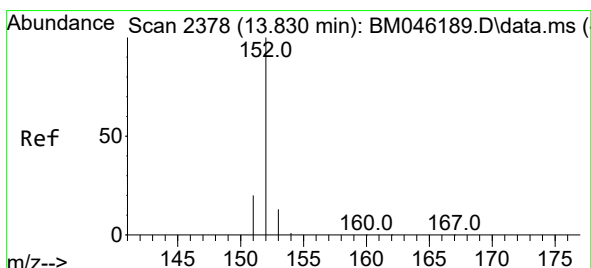
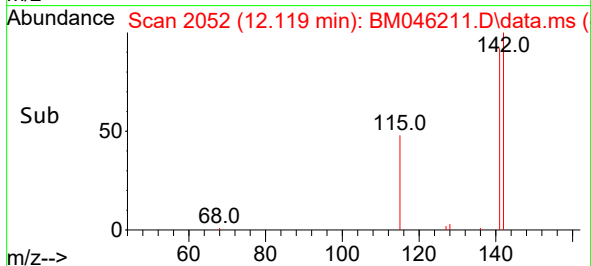
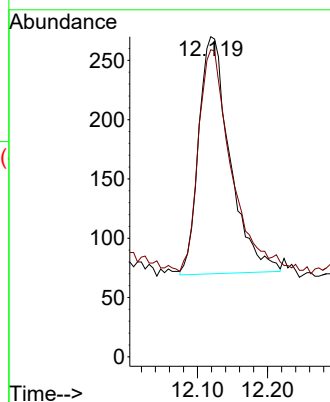
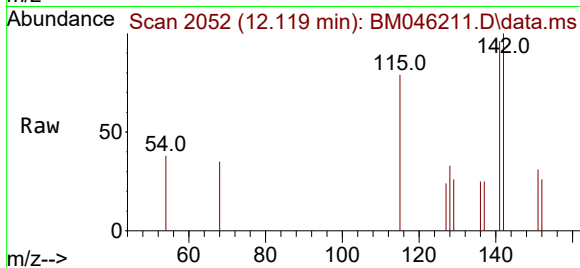




#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.032 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

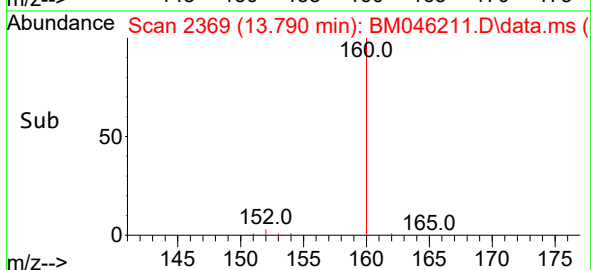
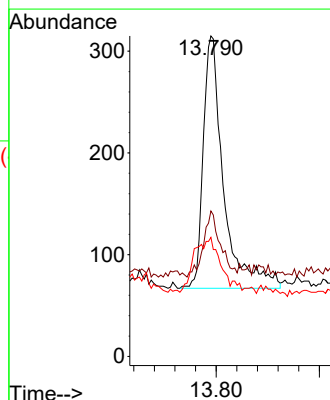
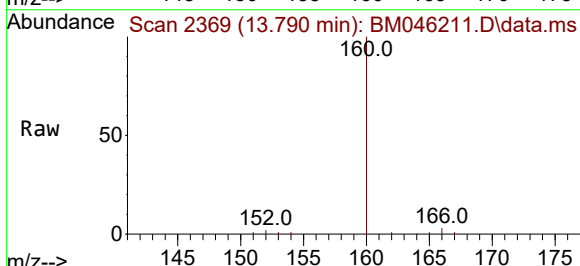
Instrument :
BNA_M
ClientSampleId :
A4BQ0DL

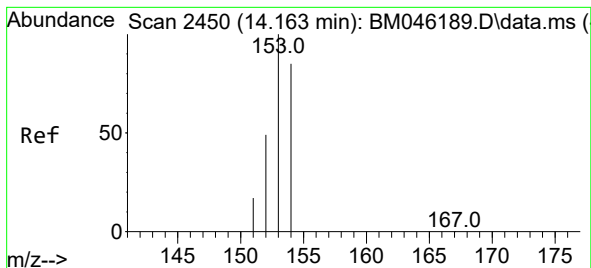
Tgt Ion:142 Resp: 619
Ion Ratio Lower Upper
142 100
141 102.6 75.2 112.8



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

Tgt Ion:152 Resp: 677
Ion Ratio Lower Upper
152 100
151 45.4 17.4 26.2#
153 37.1 11.8 17.8#





#11

Acenaphthene

Concen: 0.281 ng/ul

RT: 14.132 min Scan# 2443

Delta R.T. -0.040 min

Lab File: BM046211.D

Acq: 22 Jun 2024 23:48

Instrument :

BNA_M

ClientSampleId :

A4BQ0DL

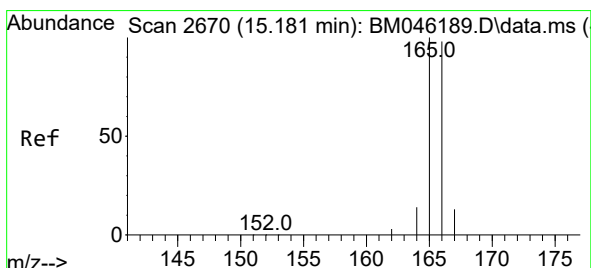
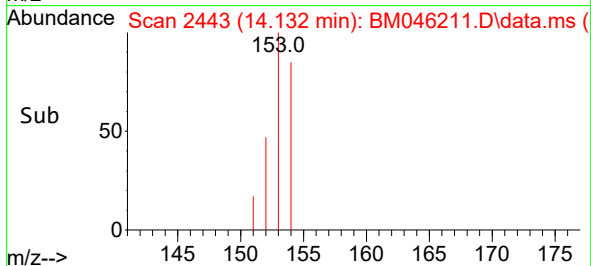
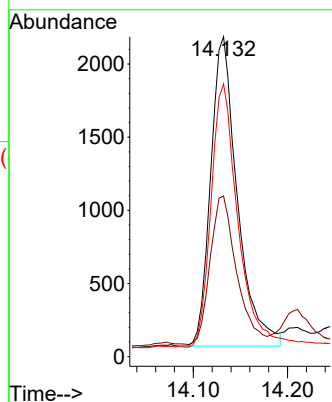
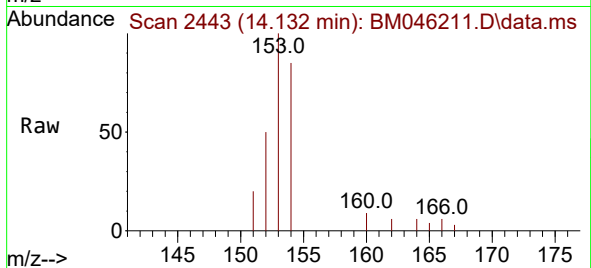
Tgt Ion:153 Resp: 4154

Ion Ratio Lower Upper

153 100

152 50.2 41.3 61.9

154 85.2 68.2 102.4



#12

Fluorene

Concen: 0.334 ng/ul

RT: 15.127 min Scan# 2658

Delta R.T. -0.054 min

Lab File: BM046211.D

Acq: 22 Jun 2024 23:48

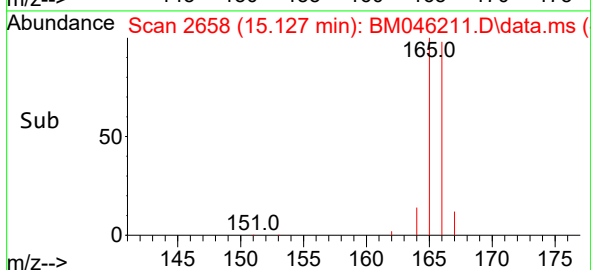
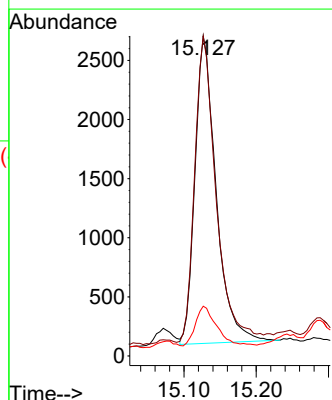
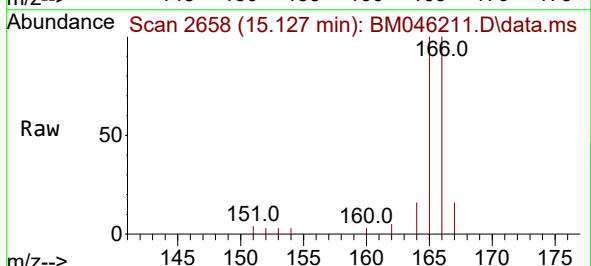
Tgt Ion:166 Resp: 5289

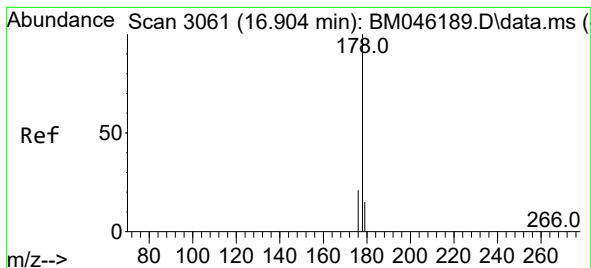
Ion Ratio Lower Upper

166 100

165 99.9 80.4 120.6

167 15.6 12.4 18.6





#15

Phenanthrene

Concen: 2.958 ng/ul

RT: 16.850 min Scan# 3070

Delta R.T. -0.054 min

Lab File: BM046211.D

Acq: 22 Jun 2024 23:48

Instrument :

BNA_M

ClientSampleId :

A4BQ0DL

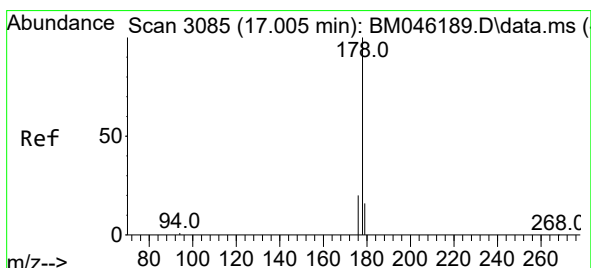
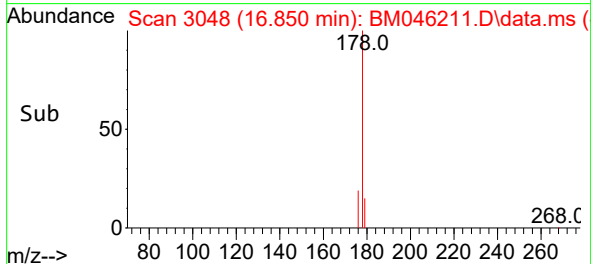
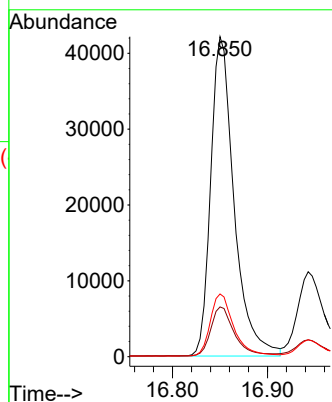
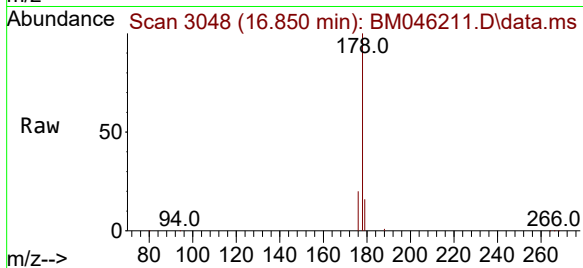
Tgt Ion:178 Resp: 72155

Ion Ratio Lower Upper

178 100

179 15.6 14.2 21.2

176 19.6 17.1 25.7



#16

Anthracene

Concen: 1.130 ng/ul

RT: 16.943 min Scan# 3070

Delta R.T. -0.062 min

Lab File: BM046211.D

Acq: 22 Jun 2024 23:48

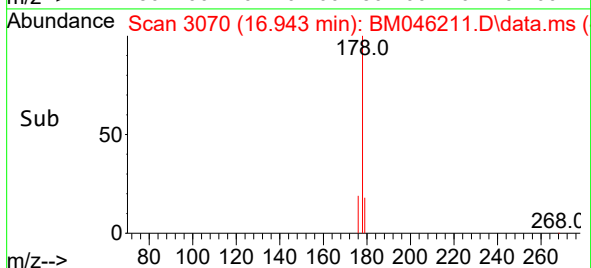
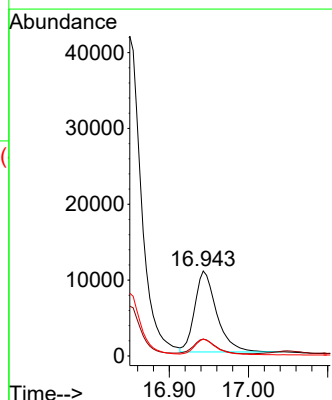
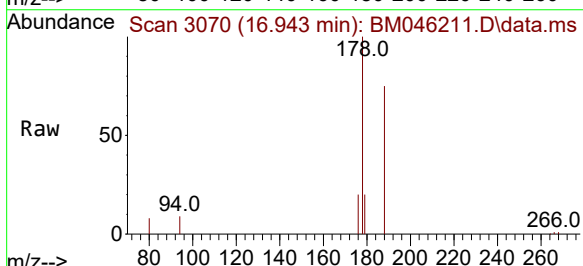
Tgt Ion:178 Resp: 20530

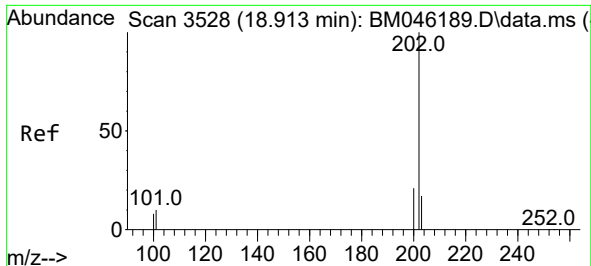
Ion Ratio Lower Upper

178 100

179 19.8 14.9 22.3

176 19.9 17.0 25.4

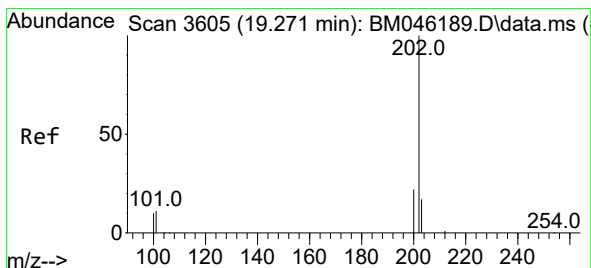
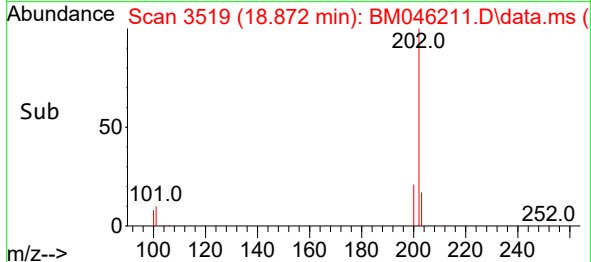
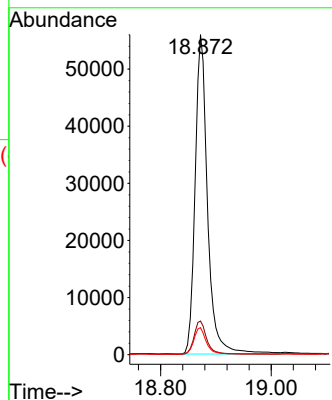
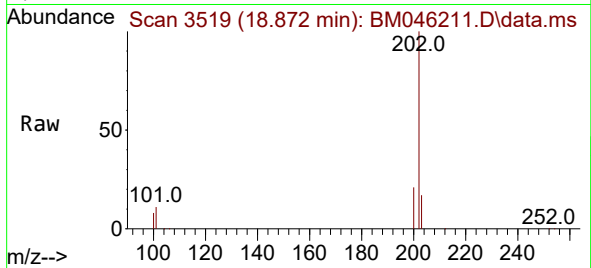




#19
Fluoranthene
Concen: 2.768 ng/ul
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

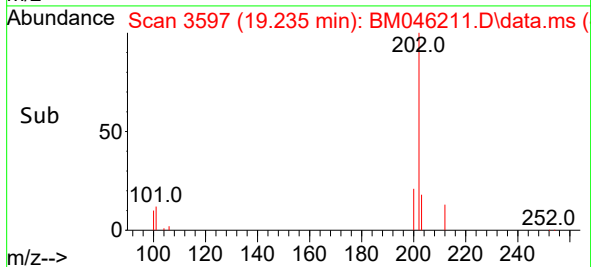
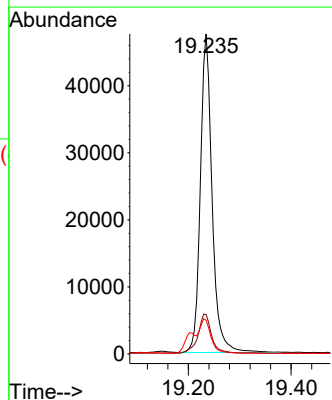
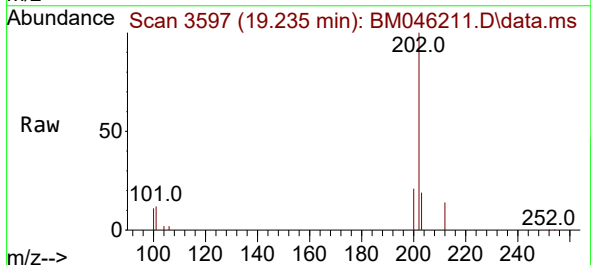
Instrument :
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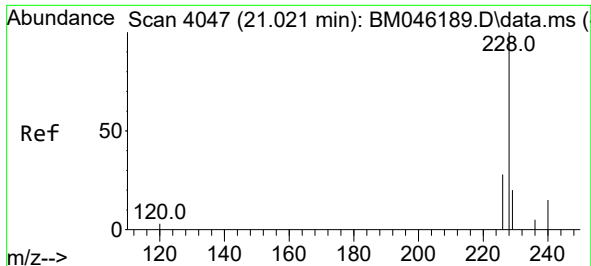
Tgt Ion:202 Resp: 87529
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.4 7.6 11.4



#20
Pyrene
Concen: 2.211 ng/ul
RT: 19.235 min Scan# 3597
Delta R.T. -0.040 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

Tgt Ion:202 Resp: 75599
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 10.6 9.8 14.6

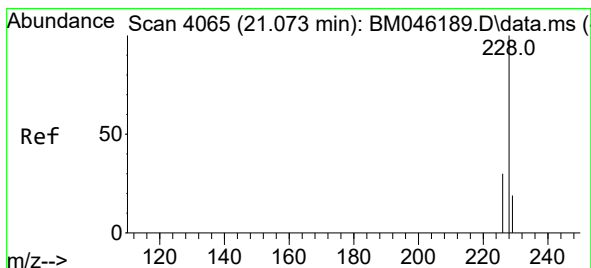
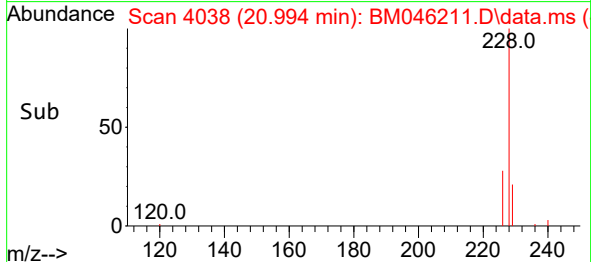
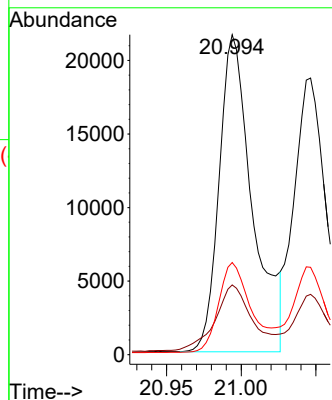
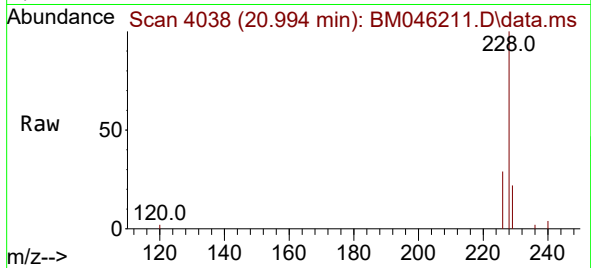




#21
Benzo(a)anthracene
Concen: 1.188 ng/ul
RT: 20.994 min Scan# 4056
Delta R.T. -0.035 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

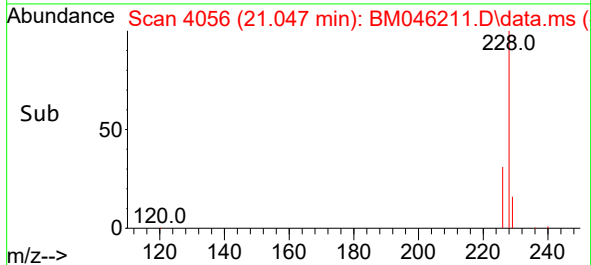
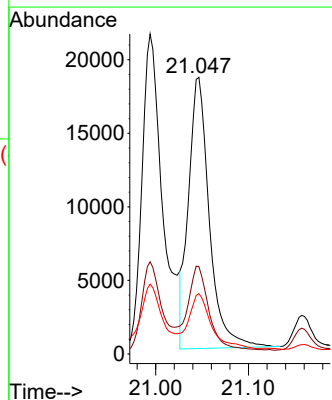
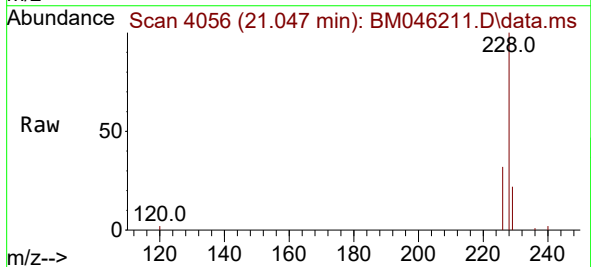
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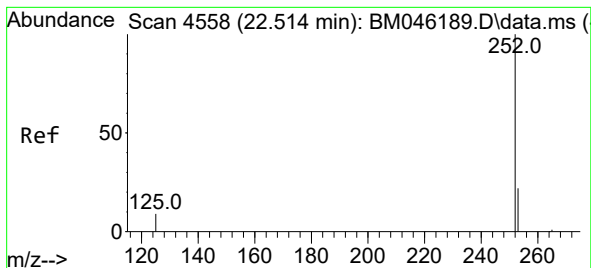
Tgt Ion:228 Resp: 33512
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 28.8 23.4 35.2



#22
Chrysene
Concen: 0.800 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.030 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

Tgt Ion:228 Resp: 28782
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 21.8 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 1.277 ng/ul

RT: 22.484 min Scan# 4548

Delta R.T. -0.035 min

Lab File: BM046211.D

Acq: 22 Jun 2024 23:48

Instrument :

BNA_M

ClientSampleId :

A4BQ0DL

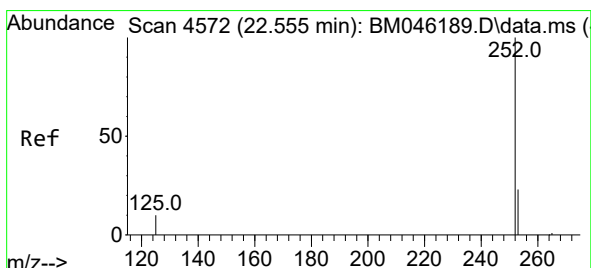
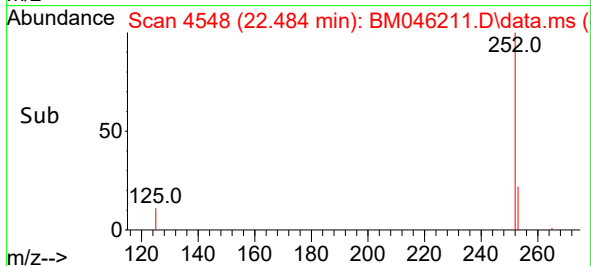
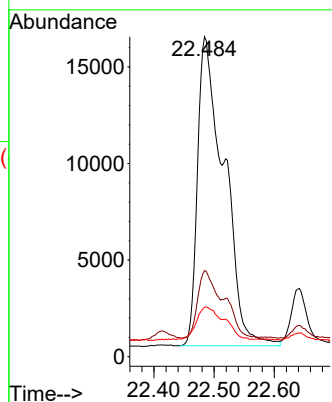
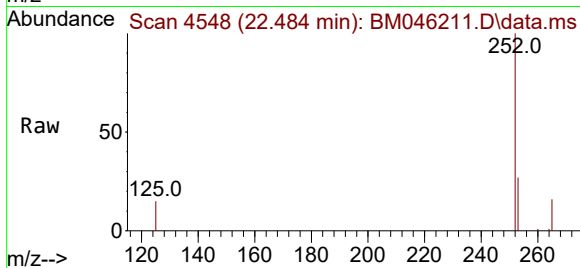
Tgt Ion:252 Resp: 48831

Ion Ratio Lower Upper

252 100

253 26.9 0.0 65.8

125 15.5 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 1.075 ng/ul

RT: 22.484 min Scan# 4548

Delta R.T. -0.079 min

Lab File: BM046211.D

Acq: 22 Jun 2024 23:48

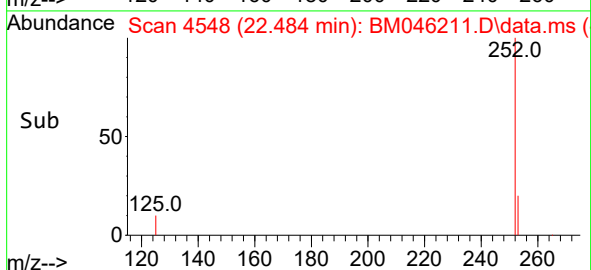
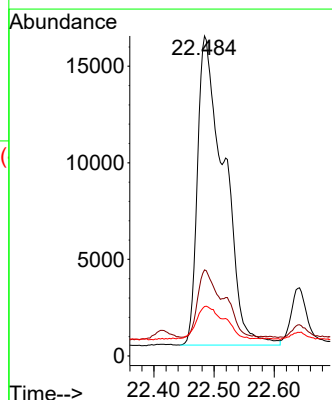
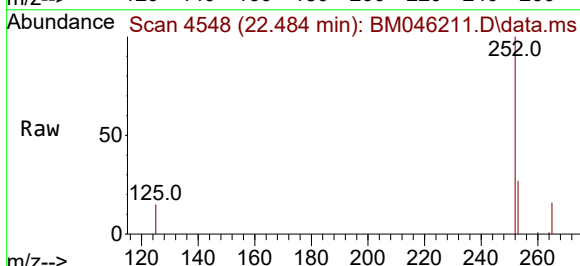
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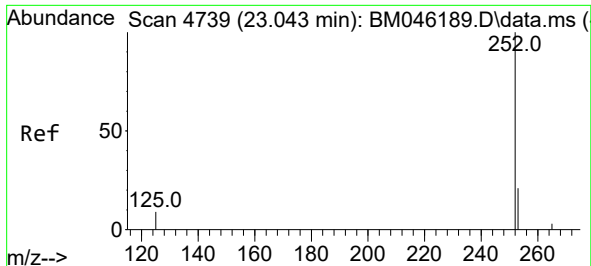
Ion Ratio Lower Upper

252 100

253 26.9 27.2 40.8#

125 15.5 16.6 25.0#

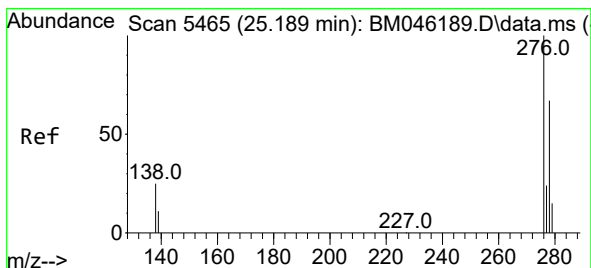
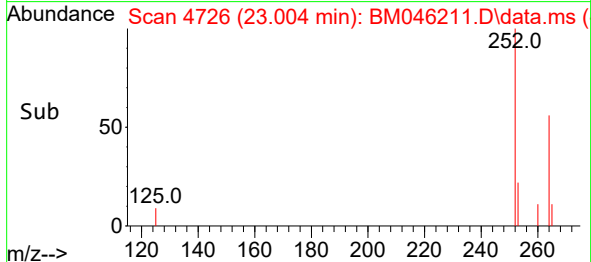
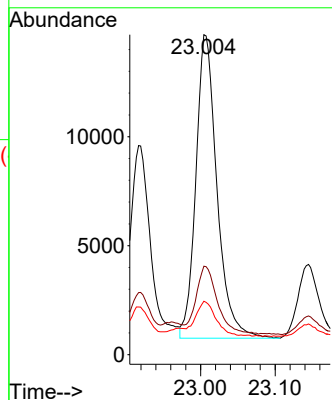
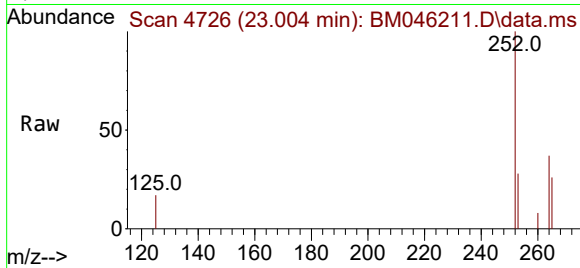




#26
Benzo(a)pyrene
Concen: 0.773 ng/ul
RT: 23.004 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

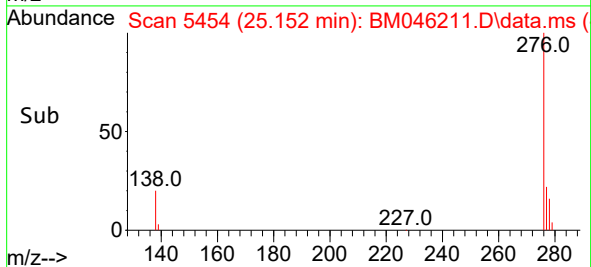
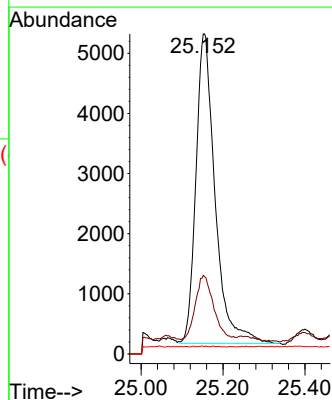
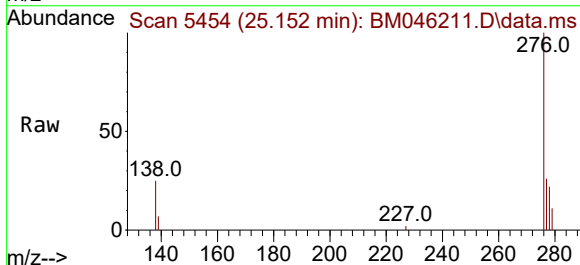
Instrument :
BNA_M
ClientSampleId :
A4BQ0DL

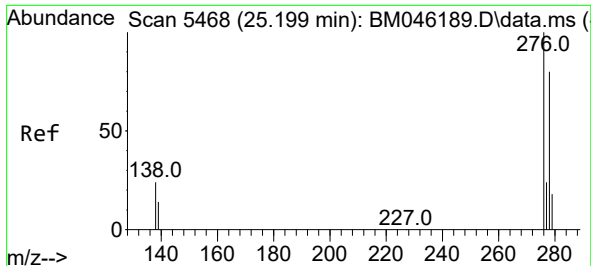
Tgt Ion:252 Resp: 27398
Ion Ratio Lower Upper
252 100
253 27.6 32.1 48.1#
125 16.7 21.2 31.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.051 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

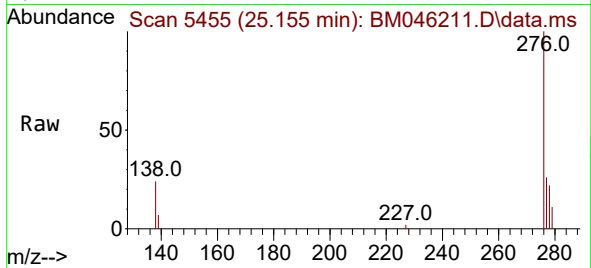
Tgt Ion:276 Resp: 16709
Ion Ratio Lower Upper
276 100
138 20.1 21.0 31.4#
227 0.1 0.0 0.0#



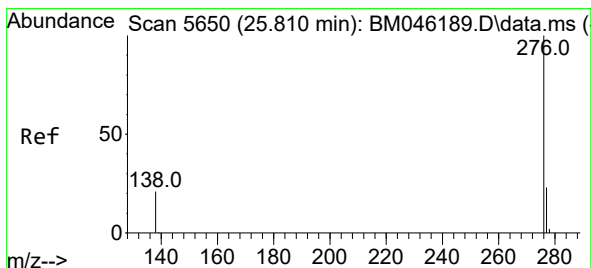
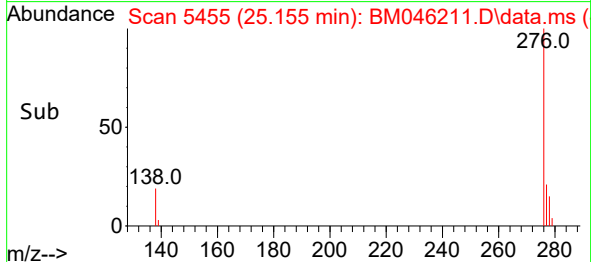
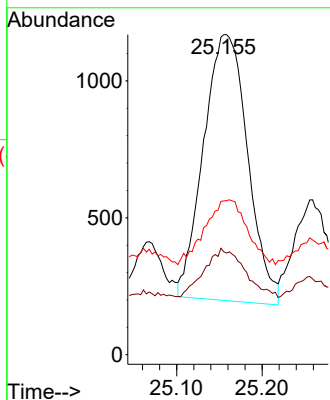


#28
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.155 min Scan# 5468
Delta R.T. -0.061 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

Instrument :
BNA_M
ClientSampleId :
A4BQ0DL



Tgt Ion:278 Resp: 3492
Ion Ratio Lower Upper
278 100
139 32.2 17.6 26.4#
279 48.1 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046211.D
Acq: 22 Jun 2024 23:48

Tgt Ion:276 Resp: 16575
Ion Ratio Lower Upper
276 100
138 25.4 21.7 32.5
277 26.7 20.4 30.6

