

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046448.D
 Acq On : 08 Jul 2024 22:31
 Operator : MA/JU
 Sample : P2982-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF2DL

Quant Time: Jul 09 00:59:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

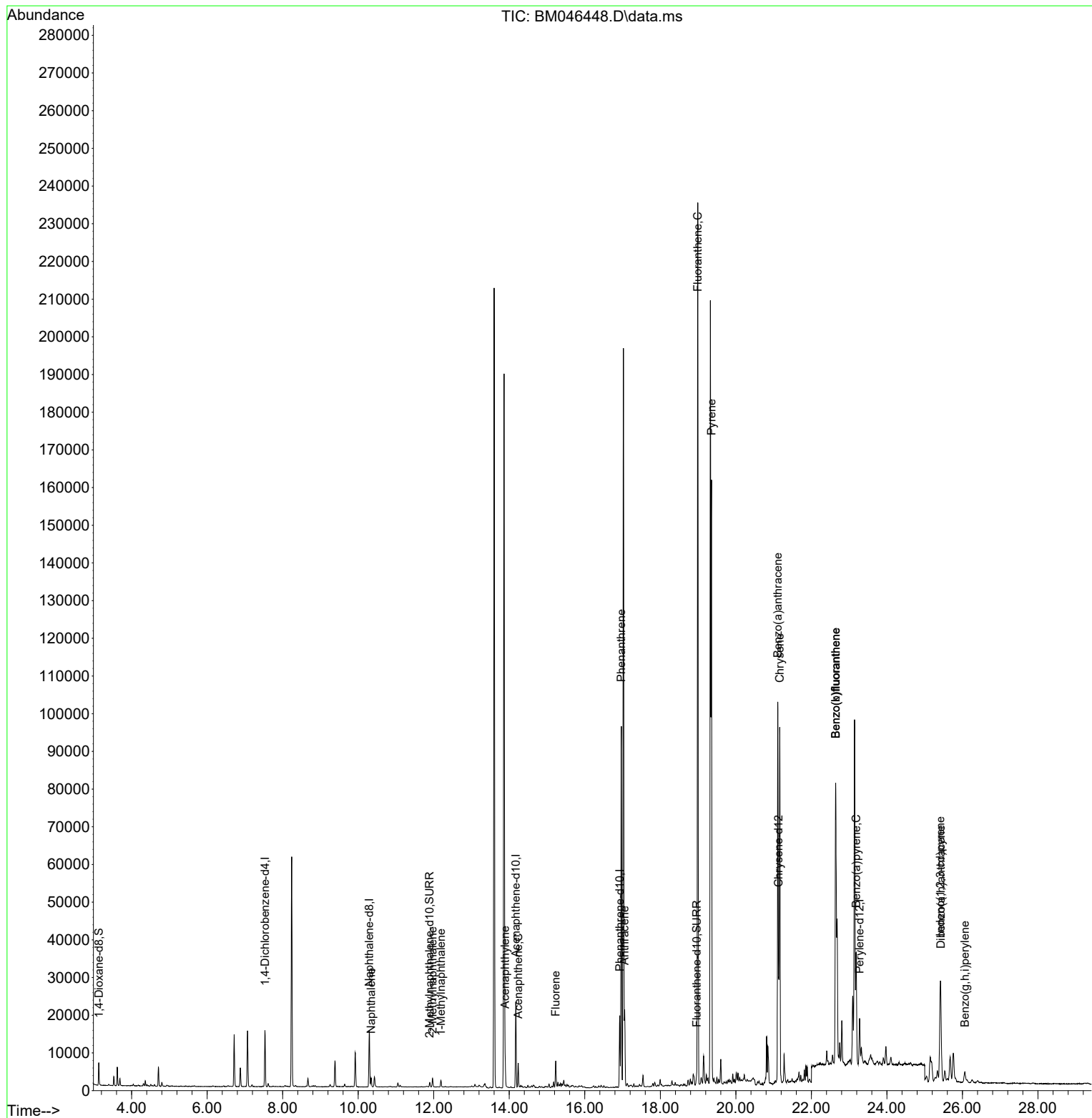
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	7161	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	19760	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	12167	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.925	188	22579	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.126	240	12843	0.400	ng/ul	-0.02
23) Perylene-d12	23.277	264	13672	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3458	0.468	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1480	0.051	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	2488	0.055	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.341	128	3114	0.059	ng/ul#	94
7) 2-Methylnaphthalene	11.969	142	1551	0.044	ng/ul	97
8) 1-Methylnaphthalene	12.189	142	1219	0.033	ng/ul	99
10) Acenaphthylene	13.890	152	9035	0.146	ng/ul	97
11) Acenaphthene	14.237	153	3591	0.089	ng/ul	98
12) Fluorene	15.232	166	4467	0.094	ng/ul	99
15) Phenanthrene	16.967	178	95591	1.414	ng/ul	99
16) Anthracene	17.055	178	20535	0.313	ng/ul	98
19) Fluoranthene	18.991	202	204735	3.154	ng/ul#	95
20) Pyrene	19.354	202	142945	2.140	ng/ul#	91
21) Benzo(a)anthracene	21.111	228	80800	1.408	ng/ul	95
22) Chrysene	21.161	228	89968	1.577	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	162245	2.791	ng/ul	99
25) Benzo(k)fluoranthene	22.642	252	162245	2.765	ng/ul	98
26) Benzo(a)pyrene	23.186	252	41334	0.900	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.417	276	42737	0.689	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.427	278	13517	0.282	ng/ul#	88
29) Benzo(g,h,i)perylene	26.064	276	6512	0.132	ng/ul#	82

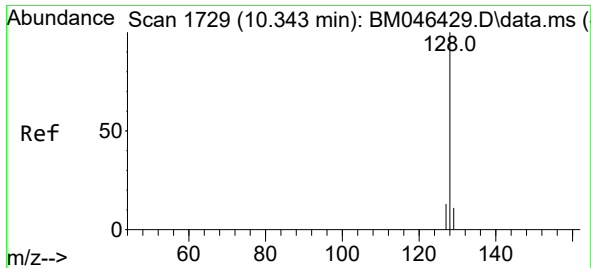
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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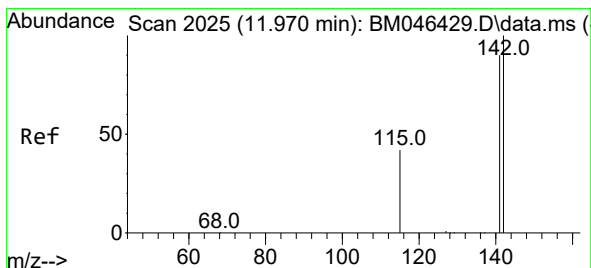
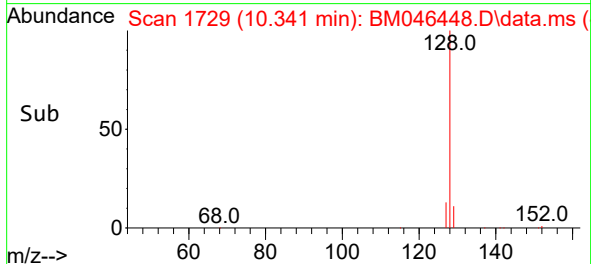
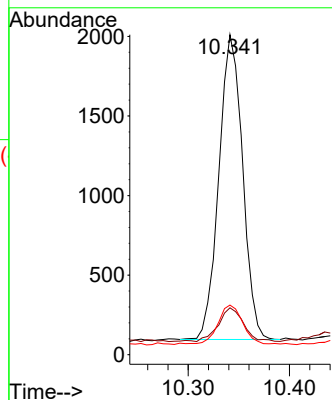
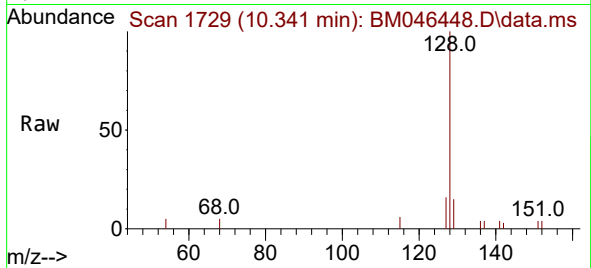




#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

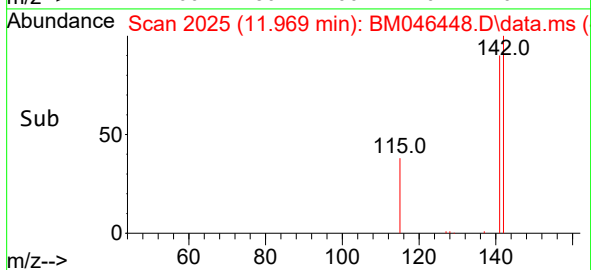
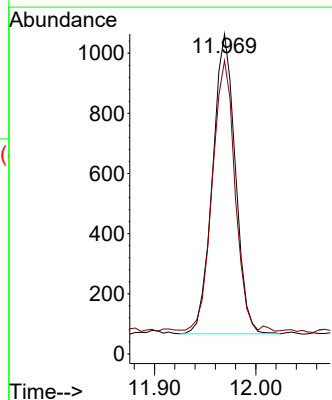
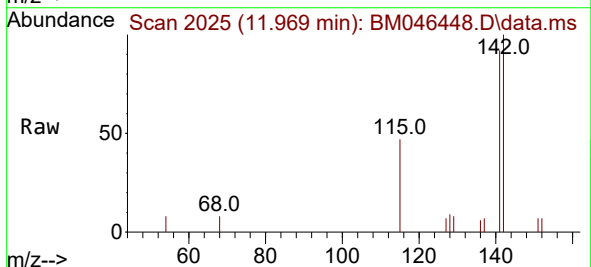
Instrument :
BNA_M
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A4CF2DL

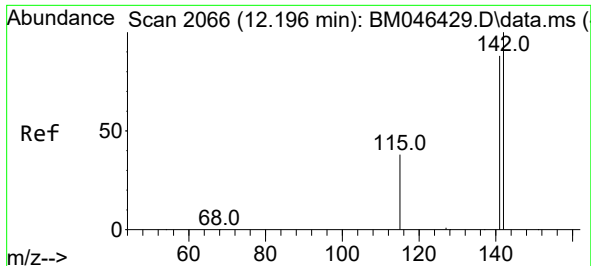
Tgt Ion:128 Resp: 3114
Ion Ratio Lower Upper
128 100
129 14.7 9.4 14.0#
127 15.5 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.969 min Scan# 2025
Delta R.T. -0.011 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Tgt Ion:142 Resp: 1551
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.6

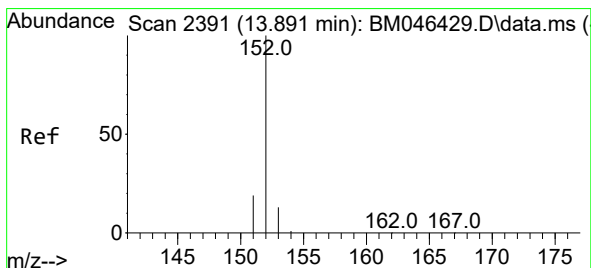
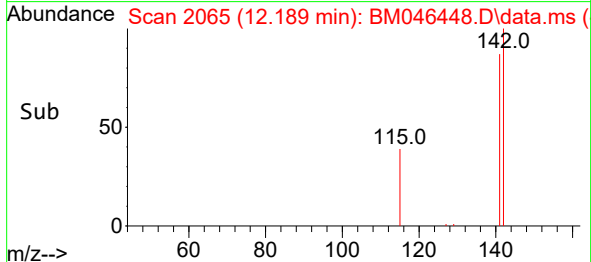
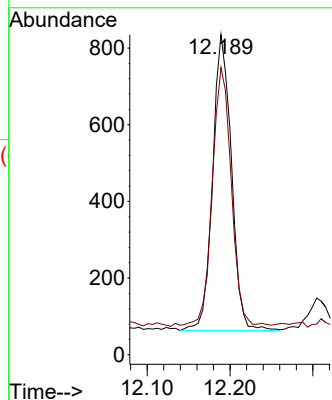
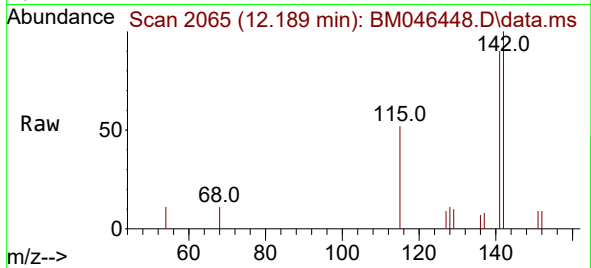




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.189 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

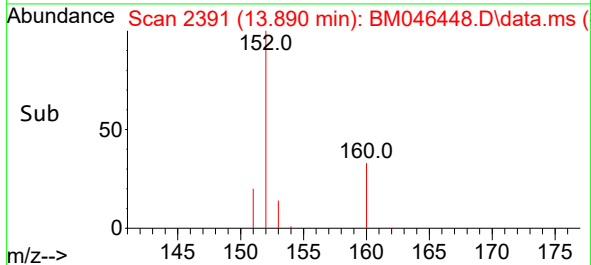
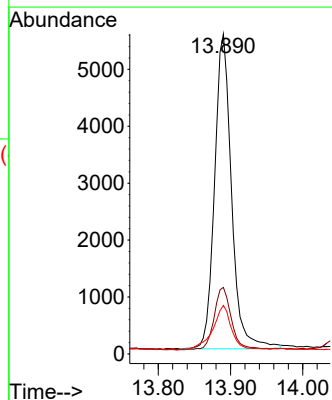
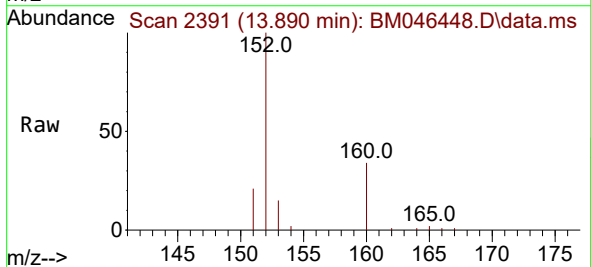
Instrument :
BNA_M
ClientSampleId :
A4CF2DL

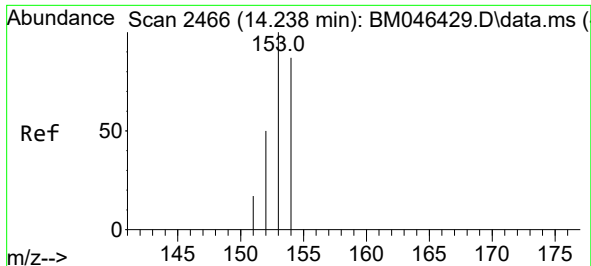
Tgt Ion:142 Resp: 1219
Ion Ratio Lower Upper
142 100
141 89.3 72.4 108.6



#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 13.890 min Scan# 2391
Delta R.T. -0.009 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

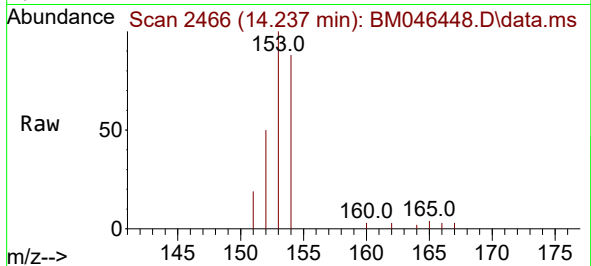
Tgt Ion:152 Resp: 9035
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 15.1 11.0 16.6



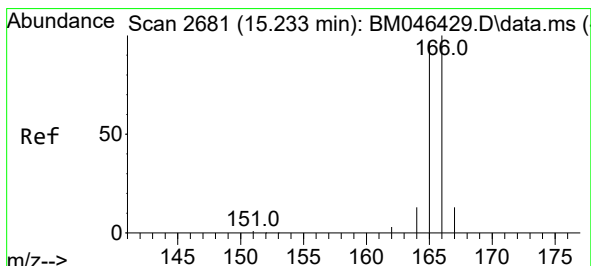
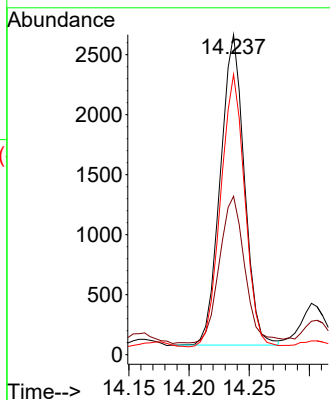
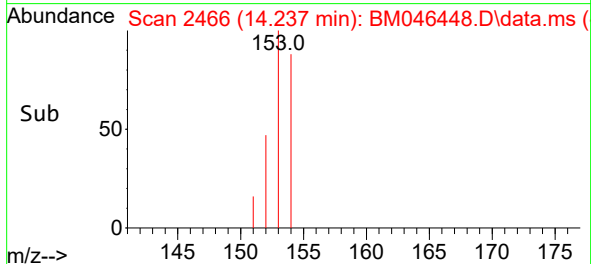


#11
Acenaphthene
Concen: 0.089 ng/ul
RT: 14.237 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Instrument :
BNA_M
ClientSampleId :
A4CF2DL

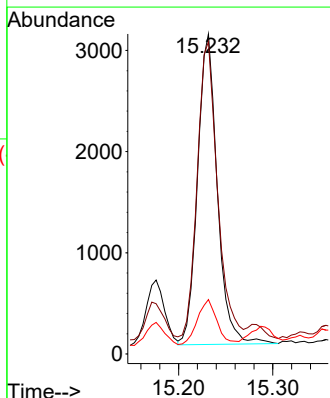
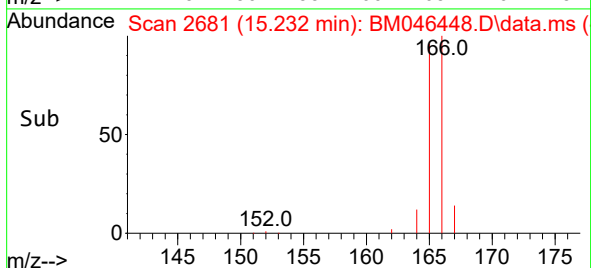
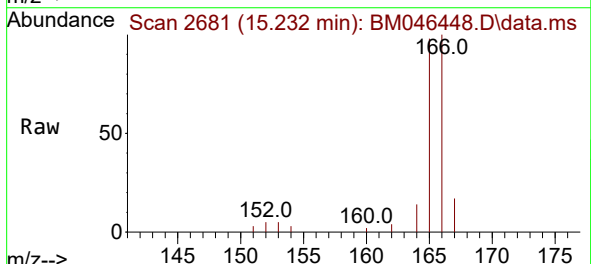


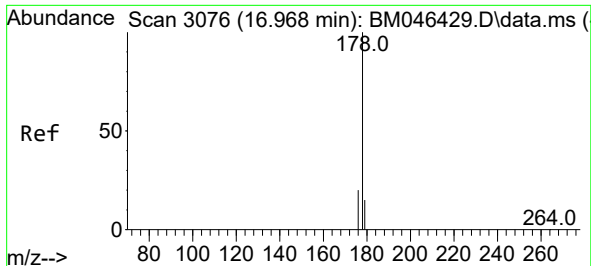
Tgt Ion:153 Resp: 3591
Ion Ratio Lower Upper
153 100
152 49.5 40.4 60.6
154 87.6 72.1 108.1



#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.232 min Scan# 2681
Delta R.T. -0.009 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Tgt Ion:166 Resp: 4467
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 17.0 11.4 17.0

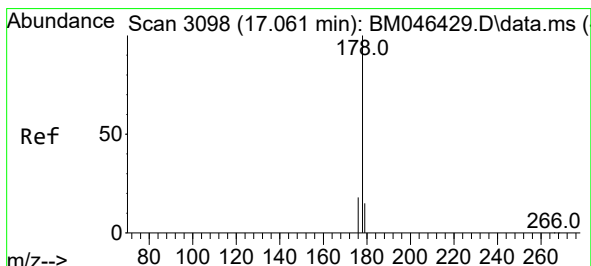
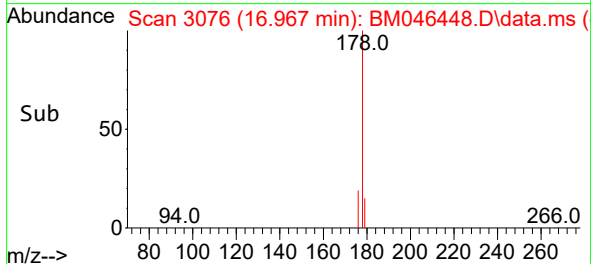
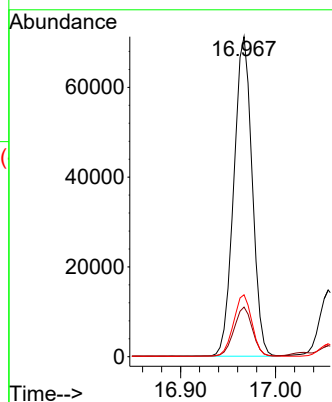
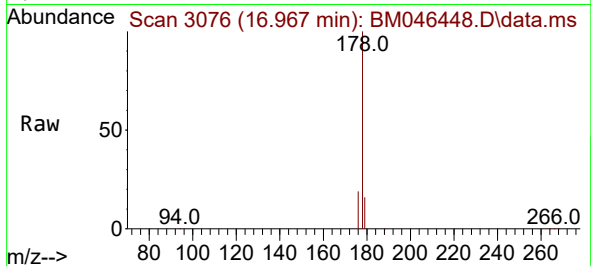




#15
Phenanthrene
Concen: 1.414 ng/ul
RT: 16.967 min Scan# 3076
Delta R.T. -0.008 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

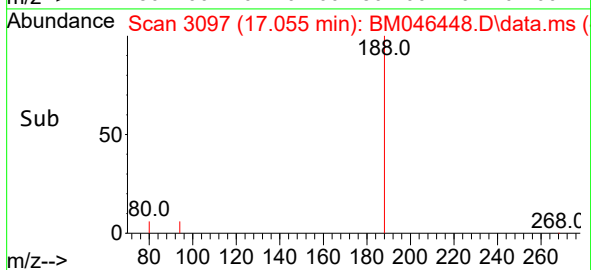
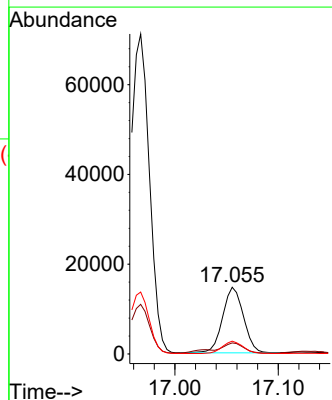
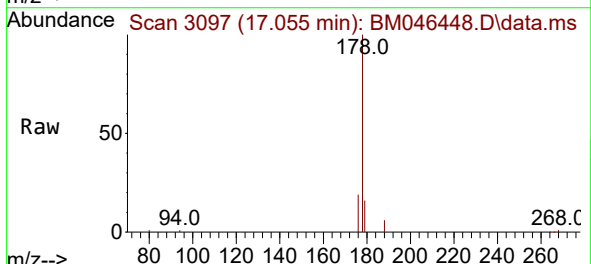
Instrument :
BNA_M
ClientSampleId :
A4CF2DL

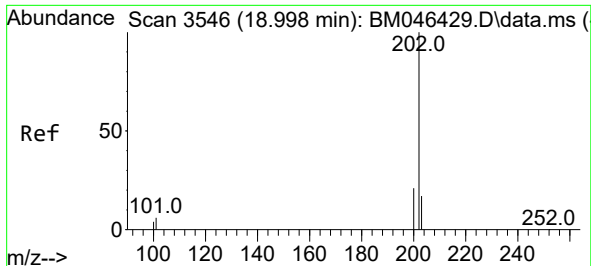
Tgt Ion:	178	Resp:	95591
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.7	19.1
176	19.3	16.0	24.0



#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.055 min Scan# 3097
Delta R.T. -0.013 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Tgt Ion:	178	Resp:	20535
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	18.8
176	19.3	14.9	22.3

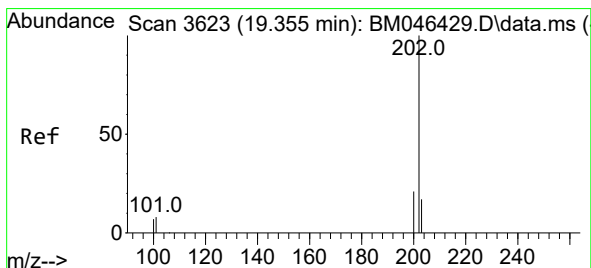
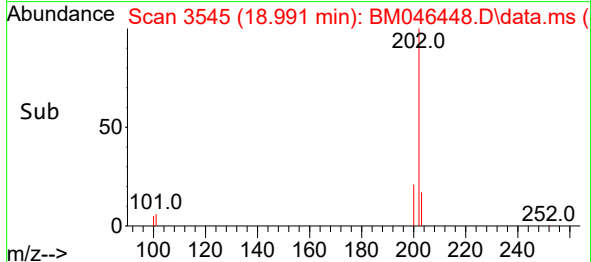
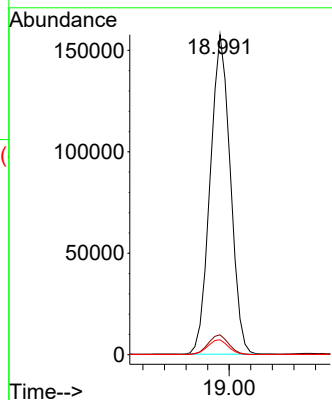
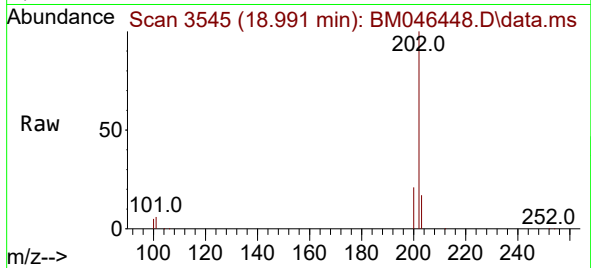




#19
Fluoranthene
Concen: 3.154 ng/ul
RT: 18.991 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

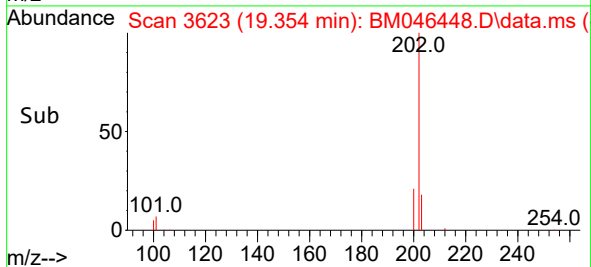
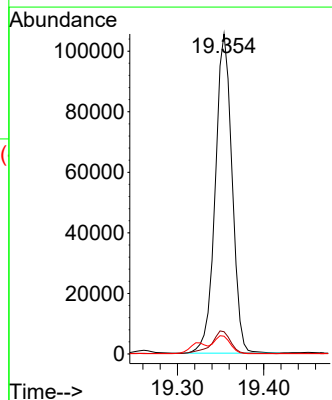
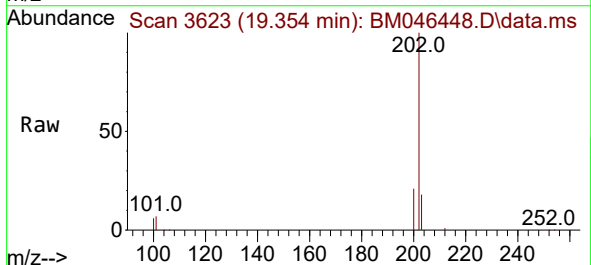
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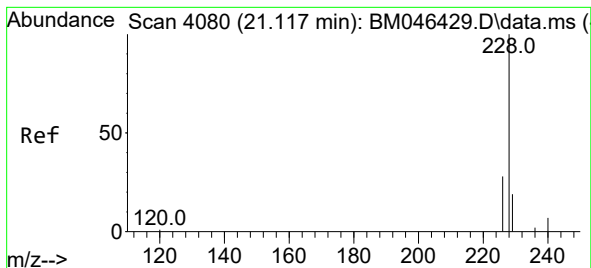
Tgt Ion:202 Resp: 204735
Ion Ratio Lower Upper
202 100
101 6.2 6.3 9.5#
100 4.7 5.0 7.6#



#20
Pyrene
Concen: 2.140 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Tgt Ion:202 Resp: 142945
Ion Ratio Lower Upper
202 100
101 7.0 8.2 12.4#
100 5.6 6.9 10.3#





#21

Benzo(a)anthracene

Concen: 1.408 ng/ul

RT: 21.111 min Scan# 4078

Delta R.T. -0.015 min

Lab File: BM046448.D

Acq: 08 Jul 2024 22:31

Instrument :

BNA_M

ClientSampleId :

A4CF2DL

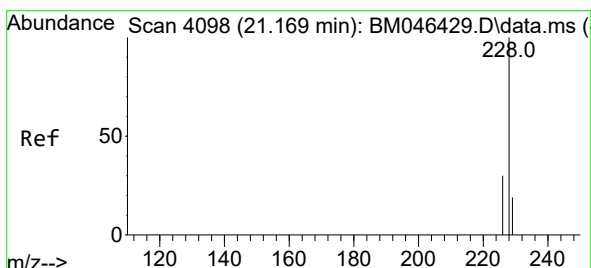
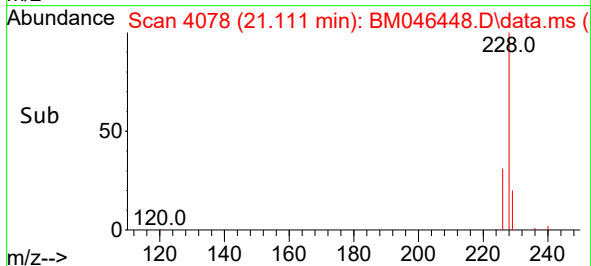
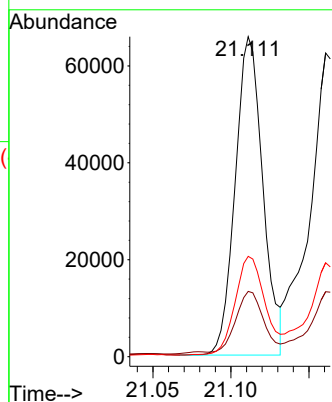
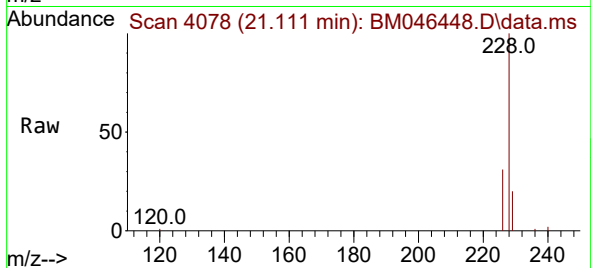
Tgt Ion:228 Resp: 80800

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.6

226 31.3 22.0 33.0



#22

Chrysene

Concen: 1.577 ng/ul

RT: 21.161 min Scan# 4095

Delta R.T. -0.017 min

Lab File: BM046448.D

Acq: 08 Jul 2024 22:31

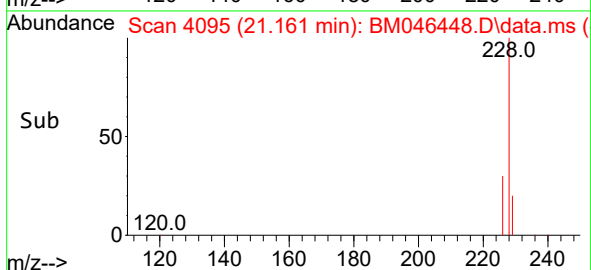
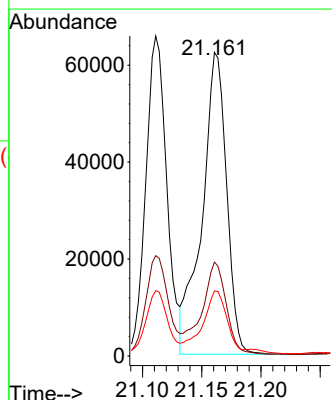
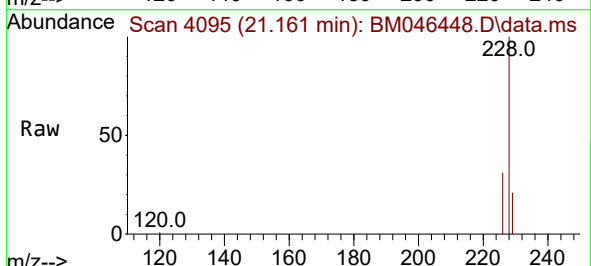
Tgt Ion:228 Resp: 89968

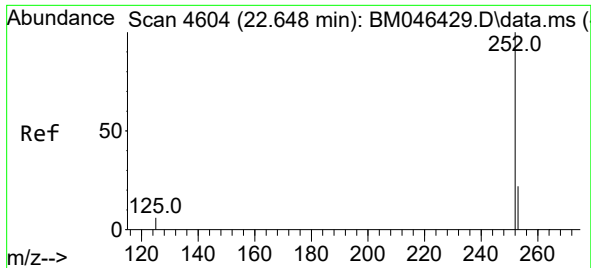
Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 21.4 15.8 23.6

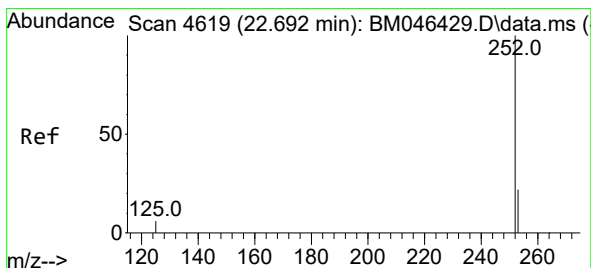
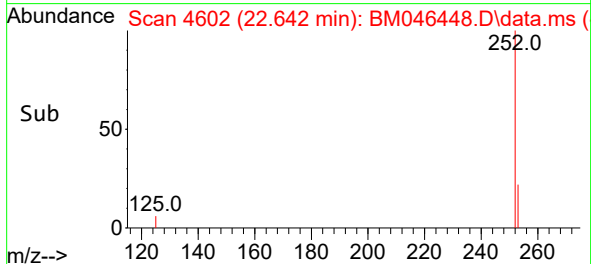
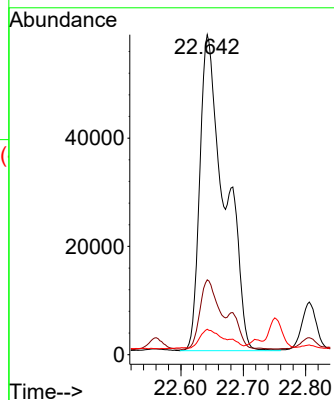
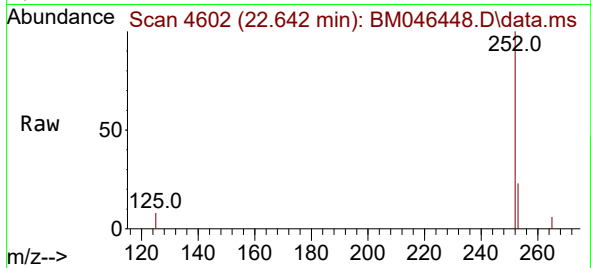




#24
Benzo(b)fluoranthene
Concen: 2.791 ng/ul
RT: 22.642 min Scan# 4602
Delta R.T. -0.020 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

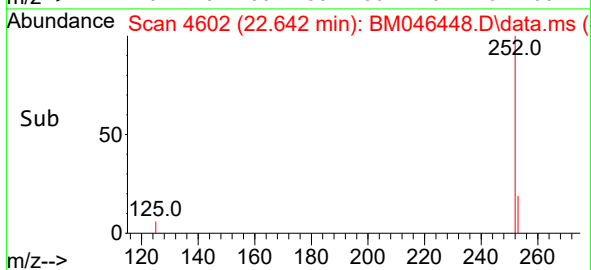
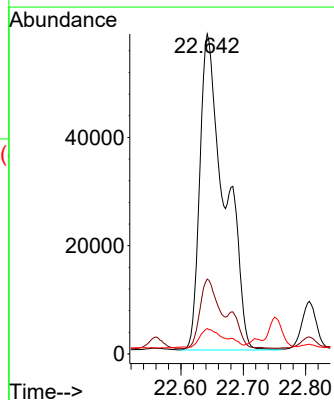
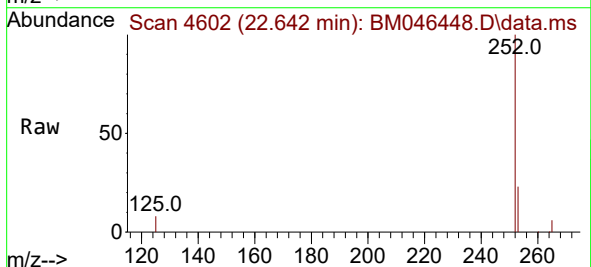
Instrument :
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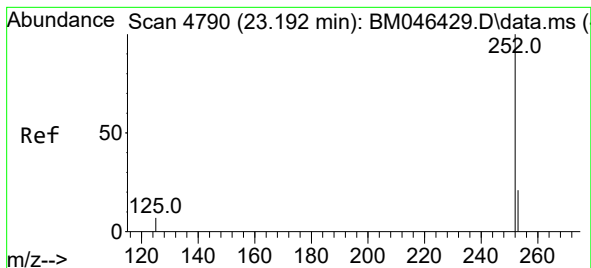
Tgt Ion:252 Resp: 162245
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.0
125 7.9 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 2.765 ng/ul
RT: 22.642 min Scan# 4602
Delta R.T. -0.064 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

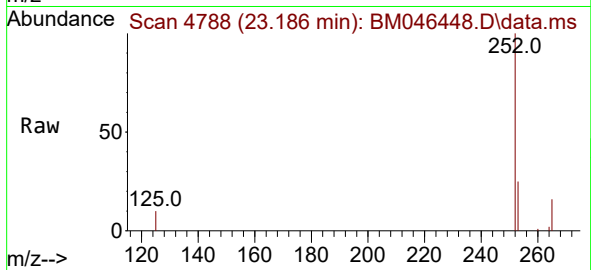
Tgt Ion:252 Resp: 162245
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 7.9 7.5 11.3



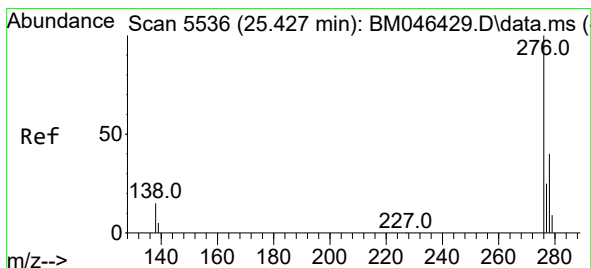
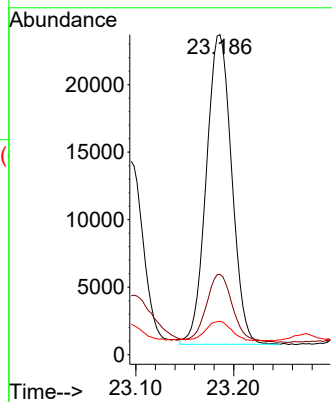
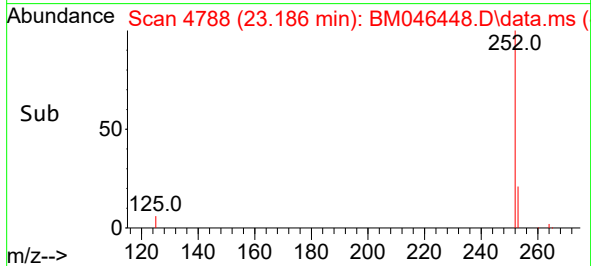


#26
Benzo(a)pyrene
Concen: 0.900 ng/ul
RT: 23.186 min Scan# 41
Delta R.T. -0.023 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Instrument :
BNA_M
ClientSampleId :
A4CF2DL

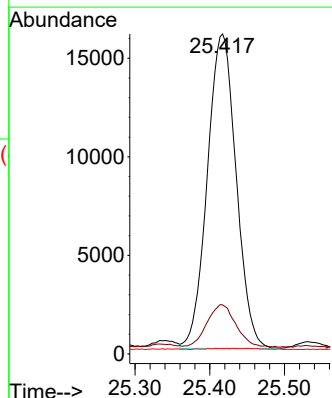
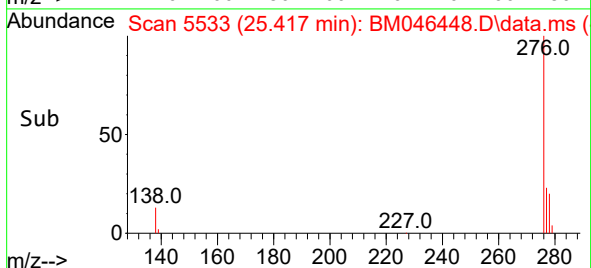
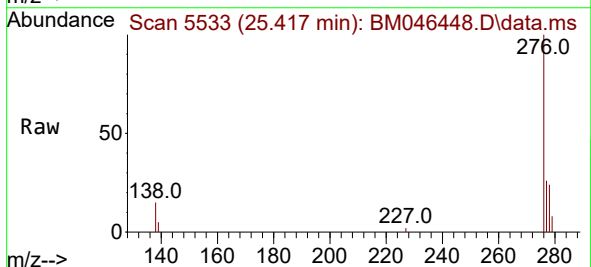


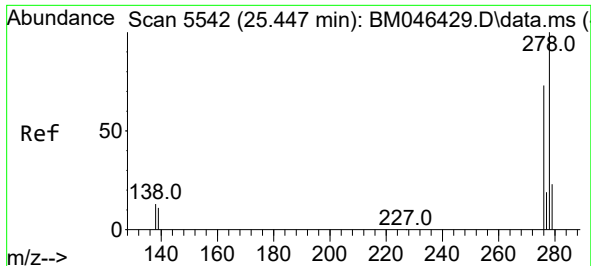
Tgt Ion:252 Resp: 41334
Ion Ratio Lower Upper
252 100
253 25.1 18.9 28.3
125 10.4 8.1 12.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.689 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.030 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Tgt Ion:276 Resp: 42737
Ion Ratio Lower Upper
276 100
138 13.6 15.7 23.5#
227 0.3 0.1 0.1#

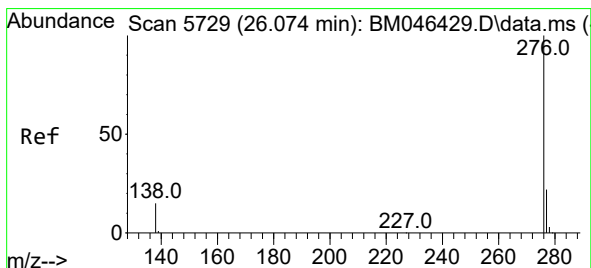
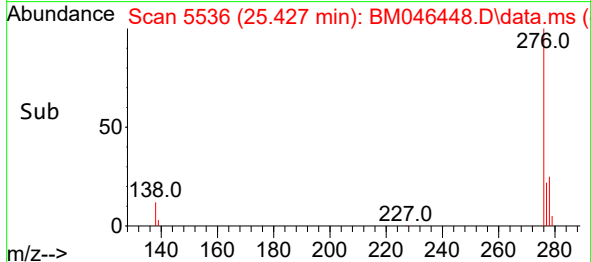
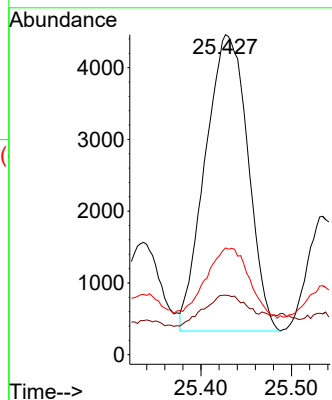
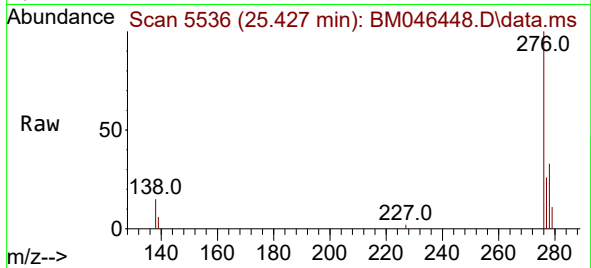




#28
Dibenzo(a,h)anthracene
Concen: 0.282 ng/ul
RT: 25.427 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Instrument :
BNA_M
ClientSampleId :
A4CF2DL

Tgt Ion:278 Resp: 13517
Ion Ratio Lower Upper
278 100
139 18.6 12.6 18.8
279 33.4 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.027 min
Lab File: BM046448.D
Acq: 08 Jul 2024 22:31

Tgt Ion:276 Resp: 6512
Ion Ratio Lower Upper
276 100
138 24.8 15.4 23.0#
277 35.3 19.7 29.5#

