

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046442.D
 Acq On : 08 Jul 2024 18:51
 Operator : MA/JU
 Sample : P3010-21DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD0DL

Quant Time: Jul 09 00:58:38 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)

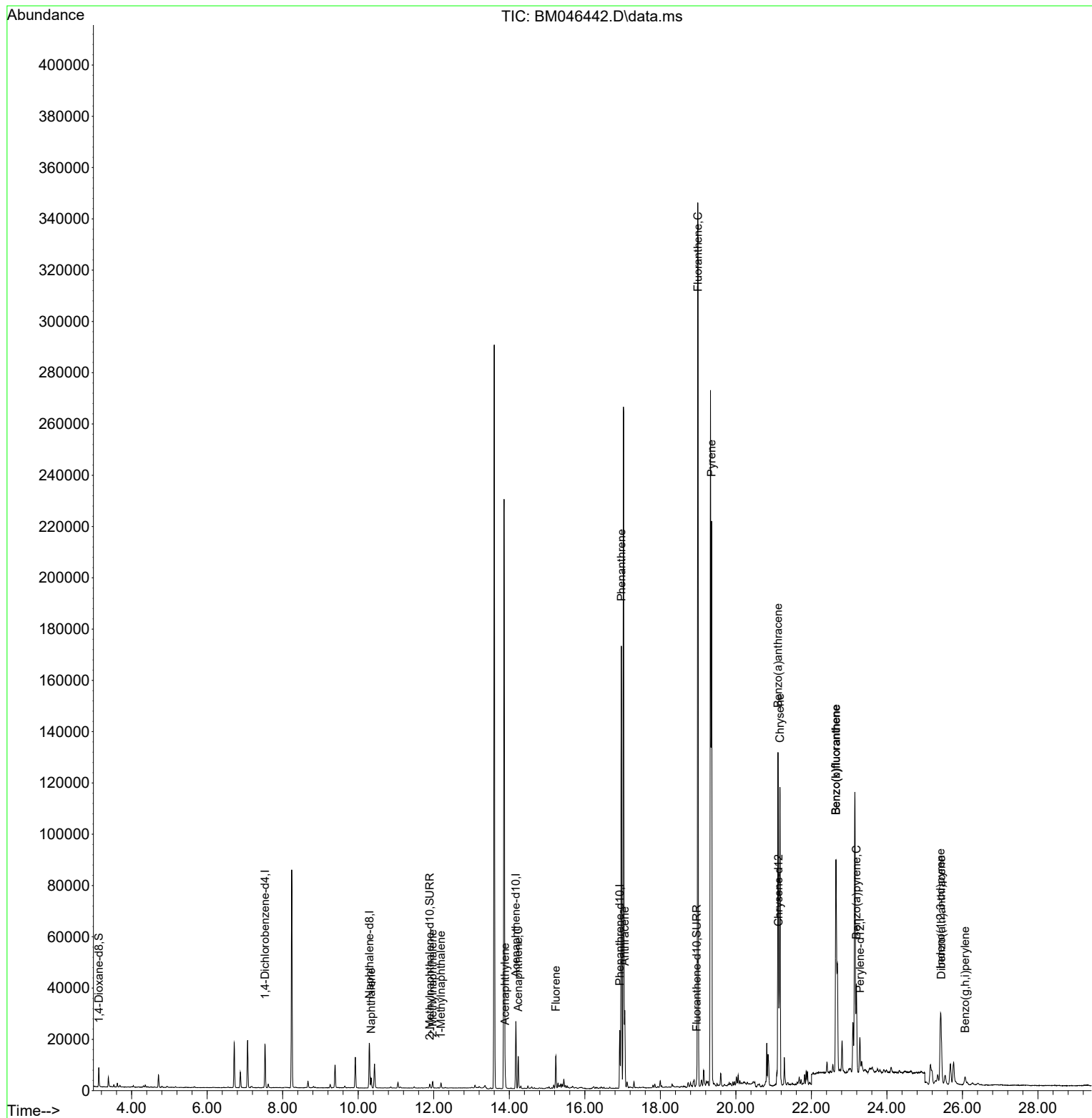
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	8339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	23631	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	14400	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	26707	0.400	ng/ul	-0.01
17) Chrysene-d12	21.131	240	15013	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	15226	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4298	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1843	0.053	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	3316	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	4956	0.079	ng/ul	95
7) 2-Methylnaphthalene	11.970	142	1730	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.190	142	1363	0.031	ng/ul	97
10) Acenaphthylene	13.891	152	6185	0.085	ng/ul	98
11) Acenaphthene	14.238	153	7271	0.153	ng/ul	100
12) Fluorene	15.233	166	7803	0.139	ng/ul	99
15) Phenanthrene	16.968	178	177207	2.216	ng/ul	98
16) Anthracene	17.057	178	29954	0.386	ng/ul	100
19) Fluoranthene	18.993	202	299383	3.945	ng/ul#	96
20) Pyrene	19.355	202	193067	2.473	ng/ul#	94
21) Benzo(a)anthracene	21.116	228	107565	1.604	ng/ul	97
22) Chrysene	21.166	228	109337	1.639	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	183035	2.828	ng/ul	99
25) Benzo(k)fluoranthene	22.651	252	183035	2.801	ng/ul	98
26) Benzo(a)pyrene	23.191	252	46634	0.911	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.420	276	44255	0.640	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.437	278	16359	0.306	ng/ul#	89
29) Benzo(g,h,i)perylene	26.071	276	6943	0.126	ng/ul#	82

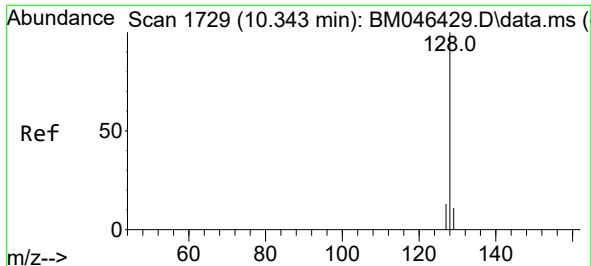
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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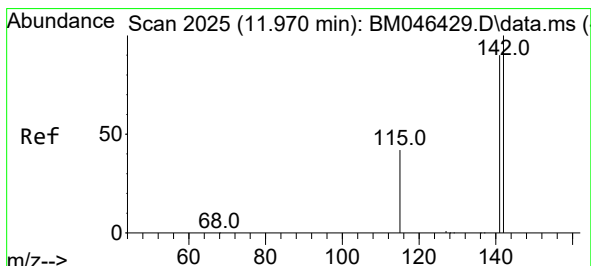
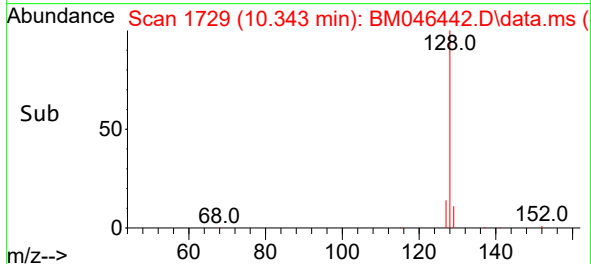
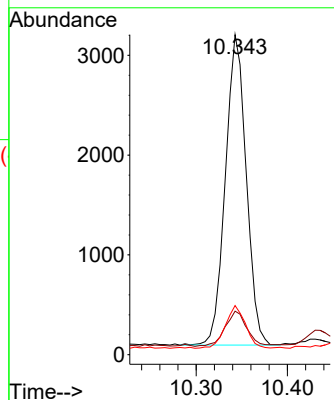
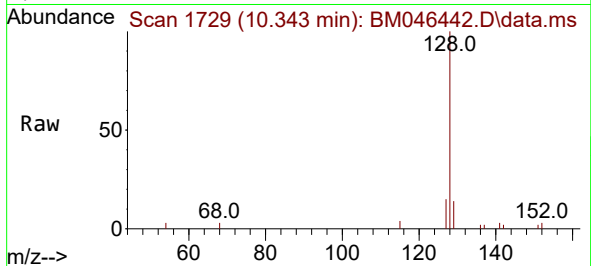




#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.010 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

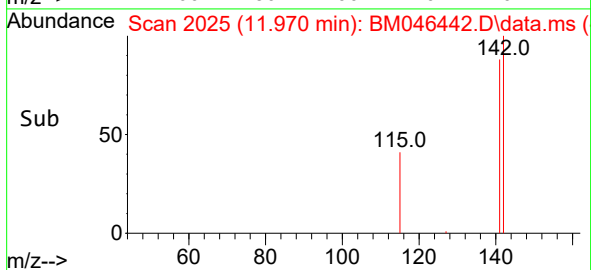
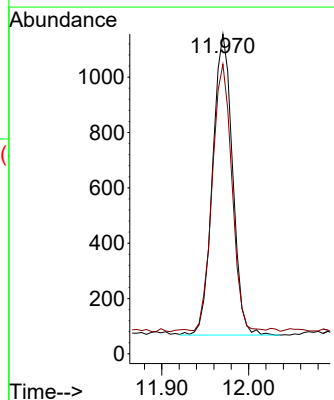
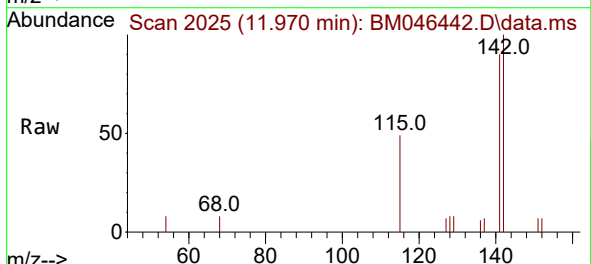
Instrument :
BNA_M
ClientSampleId :
A4BD0DL

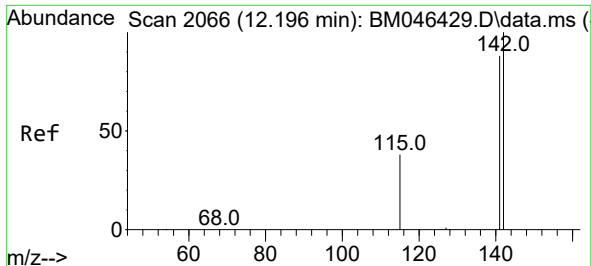
Tgt Ion:	128	Resp:	4956
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.4	14.0
127	15.4	10.8	16.2



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:	142	Resp:	1730
Ion Ratio	Lower	Upper	
142	100		
141	86.6	69.8	104.6

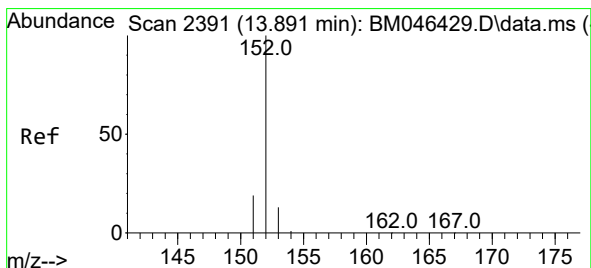
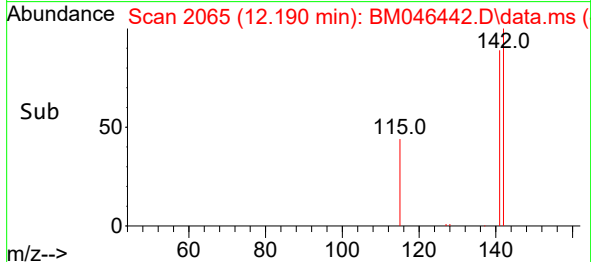
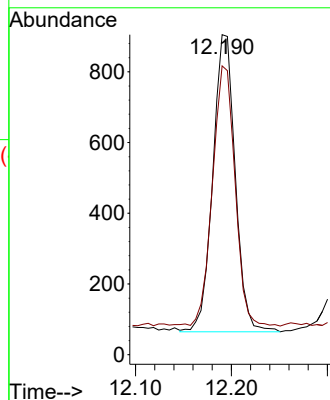
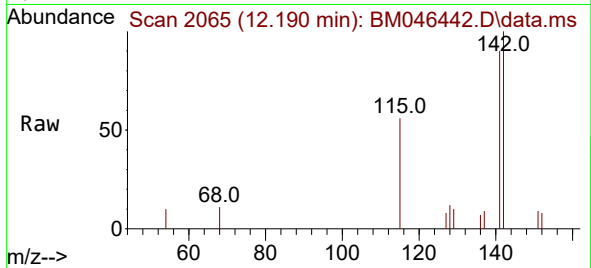




#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.190 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

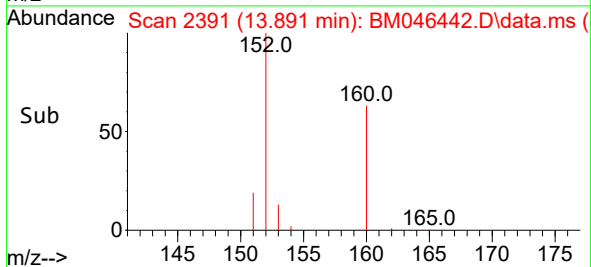
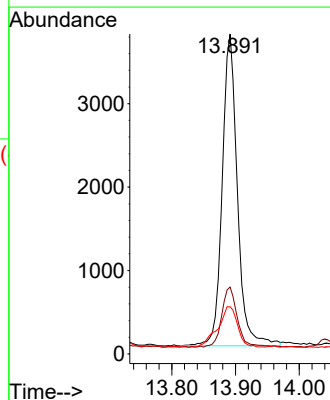
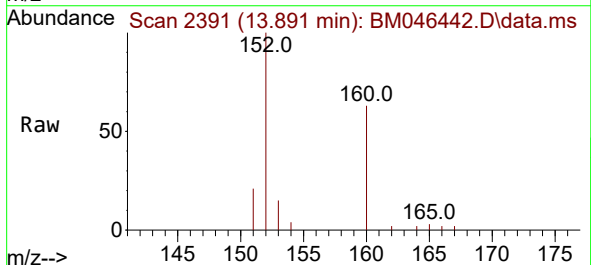
Instrument :
BNA_M
ClientSampleId :
A4BD0DL

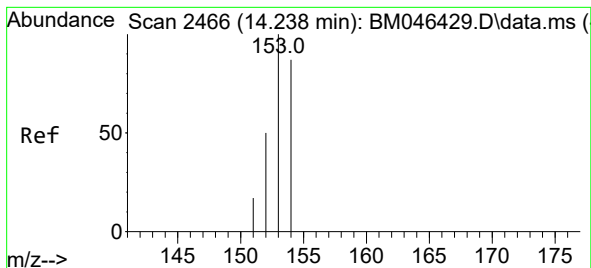
Tgt Ion:142 Resp: 1363
Ion Ratio Lower Upper
142 100
141 88.0 72.4 108.6



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:152 Resp: 6185
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 14.8 11.0 16.6





#11

Acenaphthene

Concen: 0.153 ng/ul

RT: 14.238 min Scan# 2466

Delta R.T. -0.008 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

Instrument :

BNA_M

ClientSampleId :

A4BD0DL

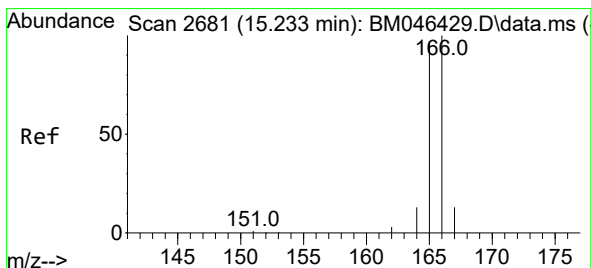
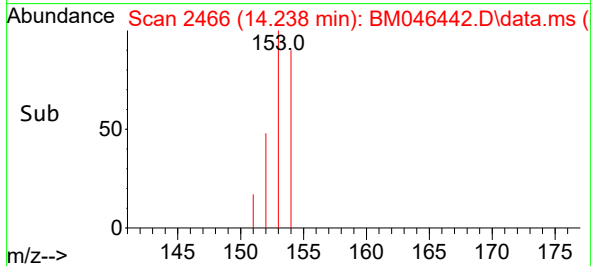
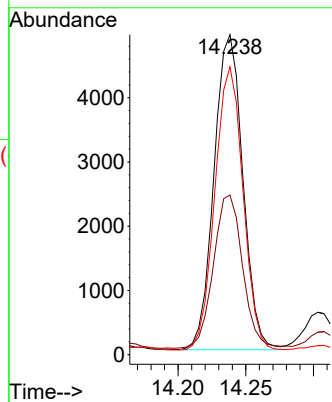
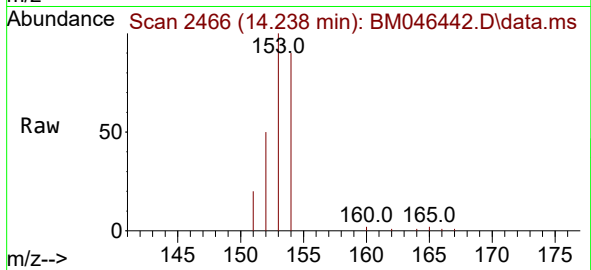
Tgt Ion:153 Resp: 7271

Ion Ratio Lower Upper

153 100

152 49.9 40.4 60.6

154 90.0 72.1 108.1



#12

Fluorene

Concen: 0.139 ng/ul

RT: 15.233 min Scan# 2681

Delta R.T. -0.008 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

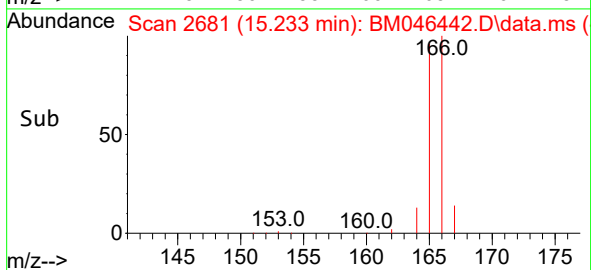
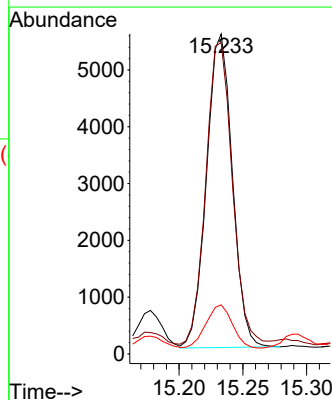
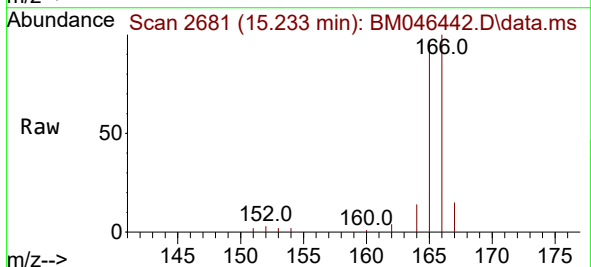
Tgt Ion:166 Resp: 7803

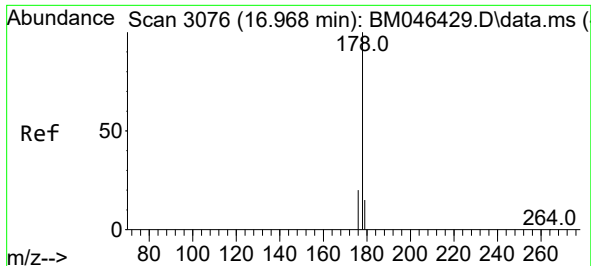
Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

167 15.4 11.4 17.0

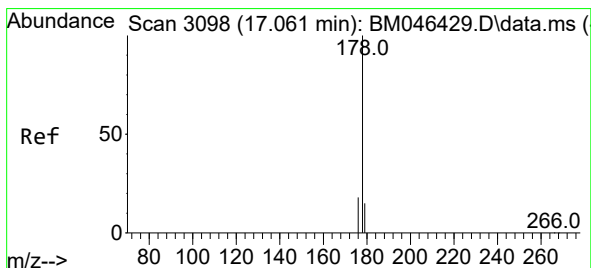
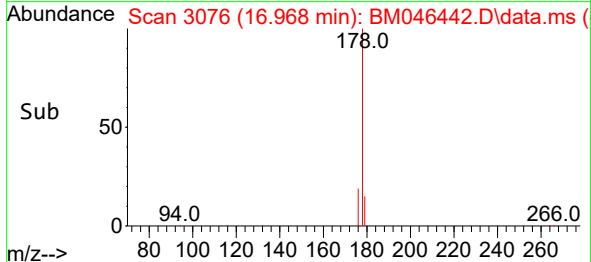
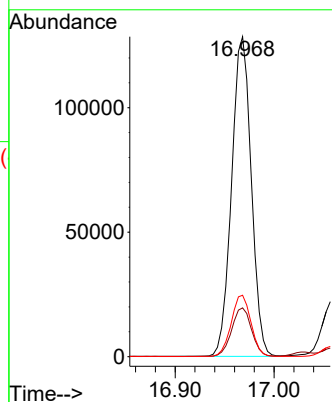
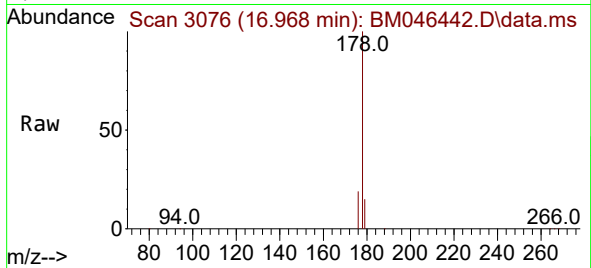




#15
Phenanthrene
Concen: 2.216 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

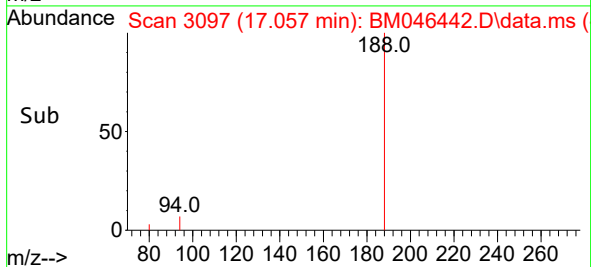
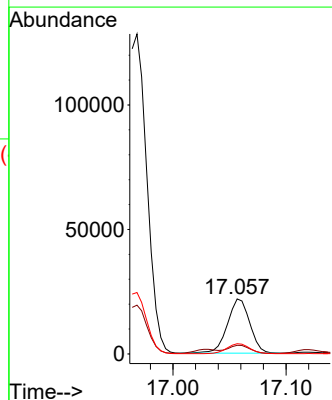
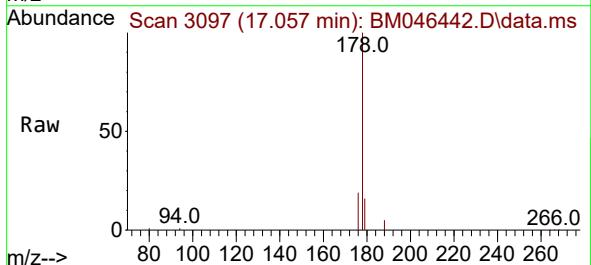
Instrument :
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ClientSampleId :
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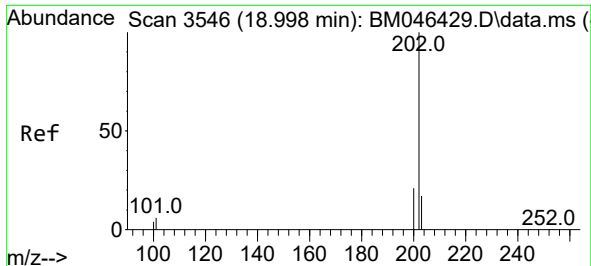
Tgt Ion:178 Resp: 177207
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:178 Resp: 29954
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.6 14.9 22.3

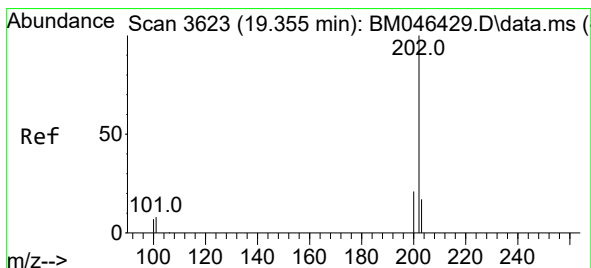
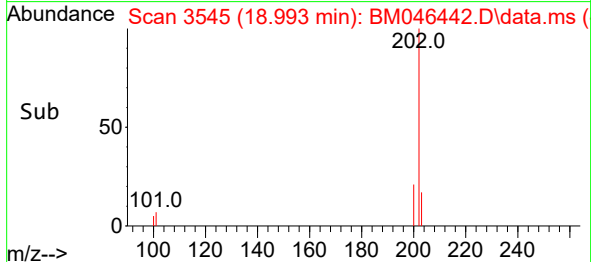
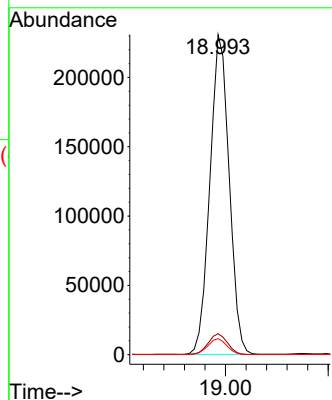
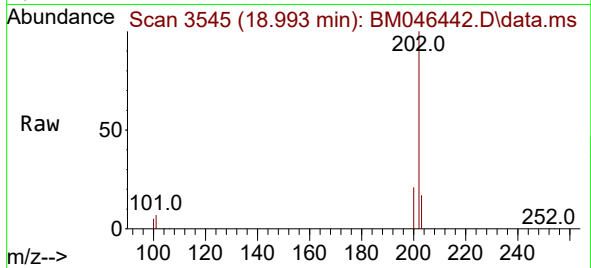




#19
Fluoranthene
Concen: 3.945 ng/ul
RT: 18.993 min Scan# 31
Delta R.T. -0.013 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

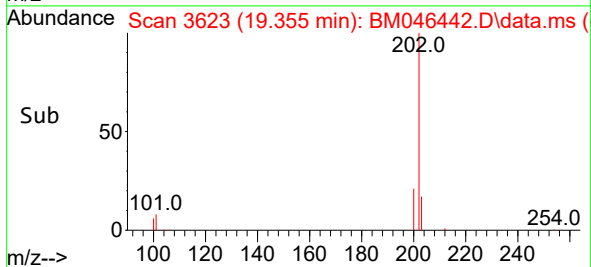
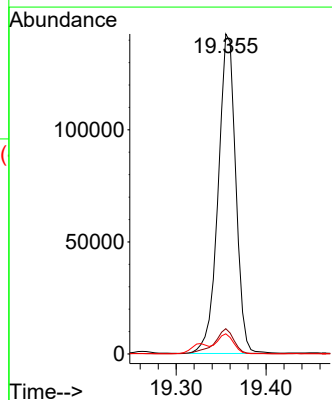
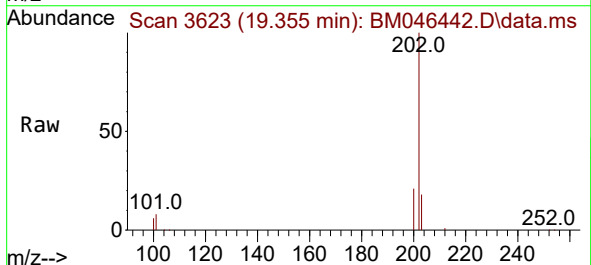
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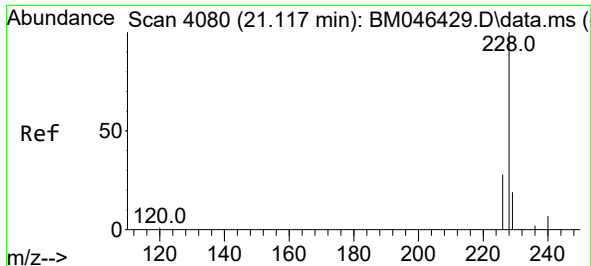
Tgt Ion:202 Resp: 299383
Ion Ratio Lower Upper
202 100
101 6.6 6.3 9.5
100 5.0 5.0 7.6#



#20
Pyrene
Concen: 2.473 ng/ul
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:202 Resp: 193067
Ion Ratio Lower Upper
202 100
101 7.9 8.2 12.4#
100 6.3 6.9 10.3#

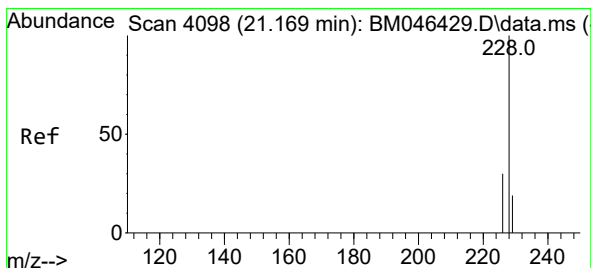
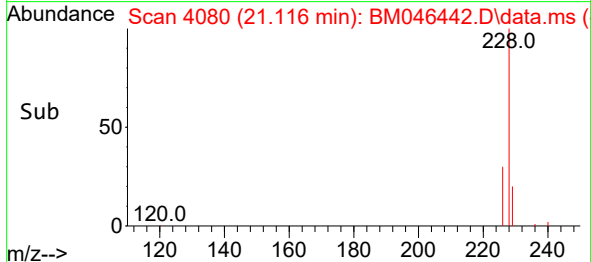
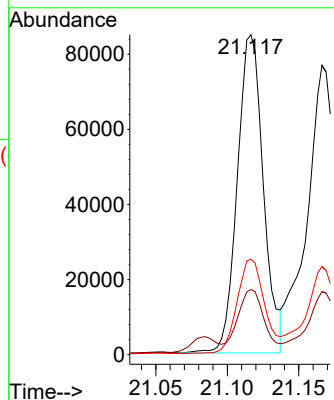
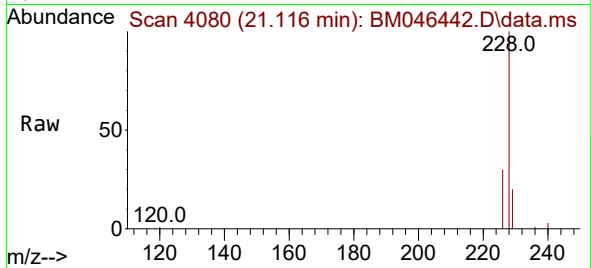




#21
Benzo(a)anthracene
Concen: 1.604 ng/ul
RT: 21.116 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

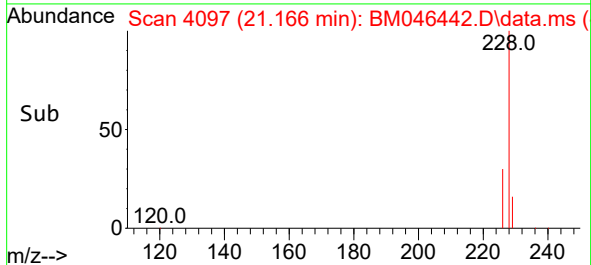
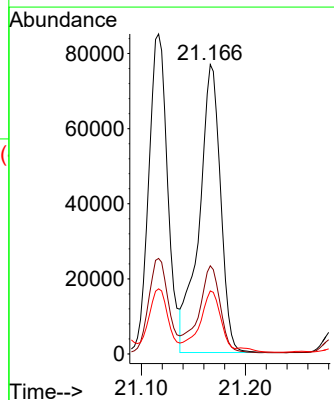
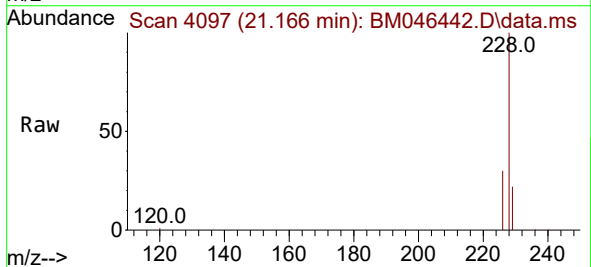
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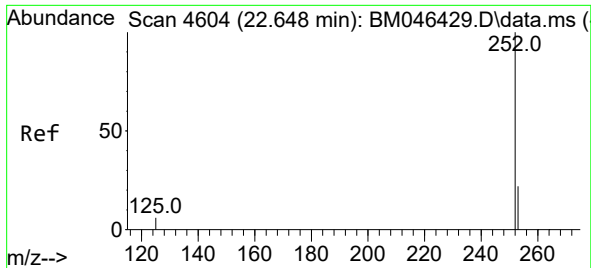
Tgt Ion:228 Resp: 107565
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.9 22.0 33.0



#22
Chrysene
Concen: 1.639 ng/ul
RT: 21.166 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:228 Resp: 109337
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.8 15.8 23.6

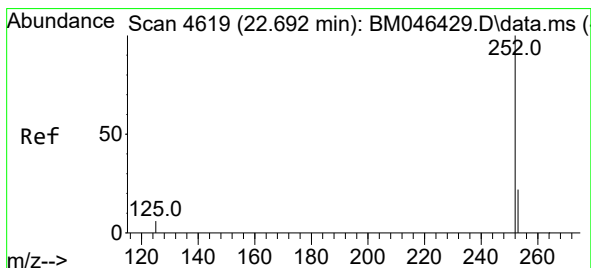
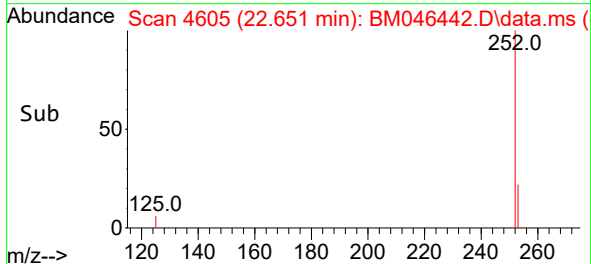
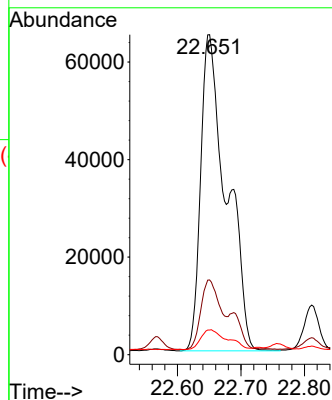
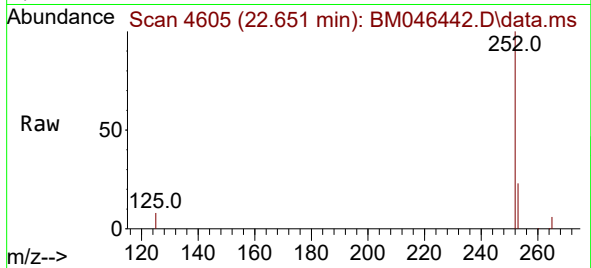




#24
Benzo(b)fluoranthene
Concen: 2.828 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

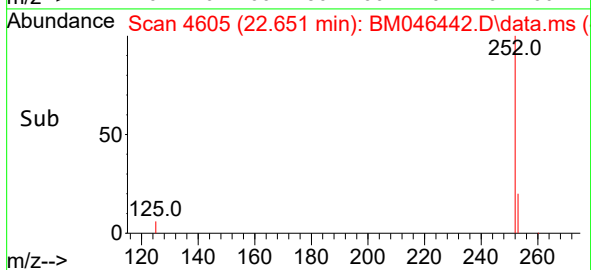
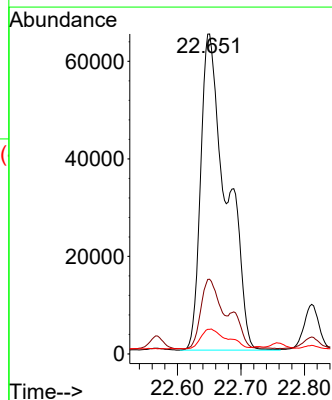
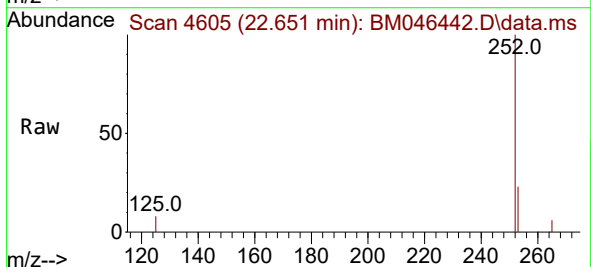
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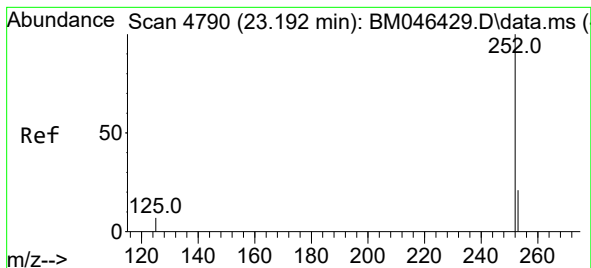
Tgt Ion:252 Resp: 183035
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.0
125 7.7 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 2.801 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.056 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:252 Resp: 183035
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 7.7 7.5 11.3





#26

Benzo(a)pyrene

Concen: 0.911 ng/ul

RT: 23.191 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

Instrument :

BNA_M

ClientSampleId :

A4BD0DL

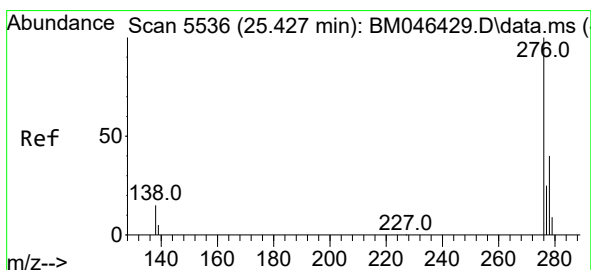
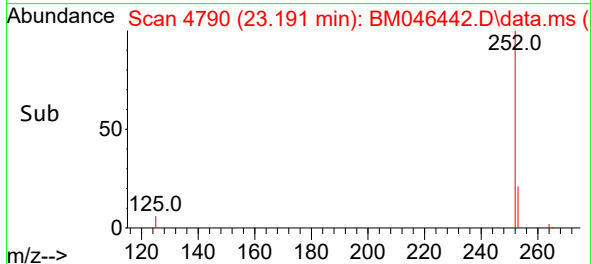
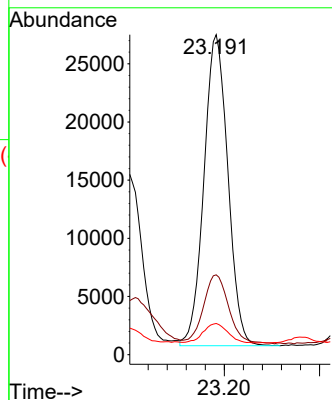
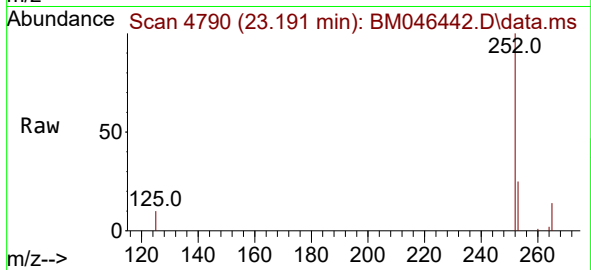
Tgt Ion:252 Resp: 46634

Ion Ratio Lower Upper

252 100

253 25.0 18.9 28.3

125 9.7 8.1 12.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.640 ng/ul

RT: 25.420 min Scan# 5534

Delta R.T. -0.027 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

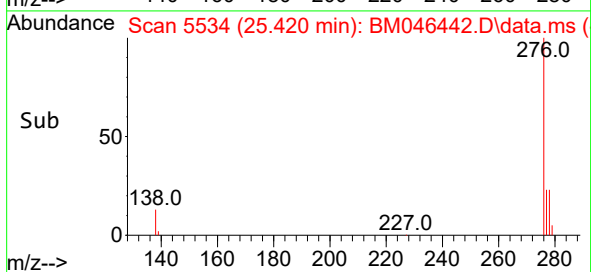
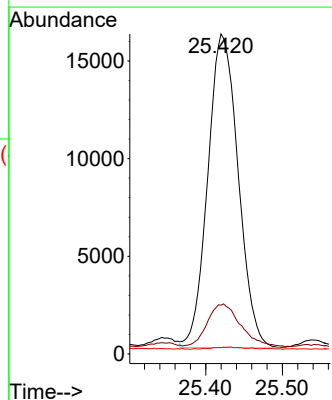
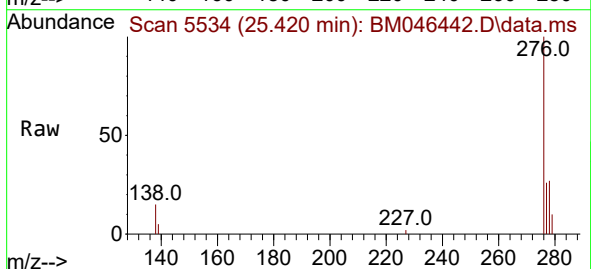
Tgt Ion:276 Resp: 44255

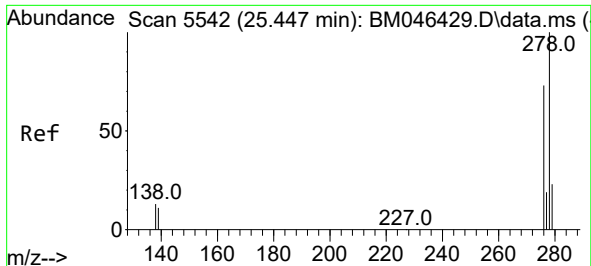
Ion Ratio Lower Upper

276 100

138 14.8 15.7 23.5#

227 0.7 0.1 0.1#

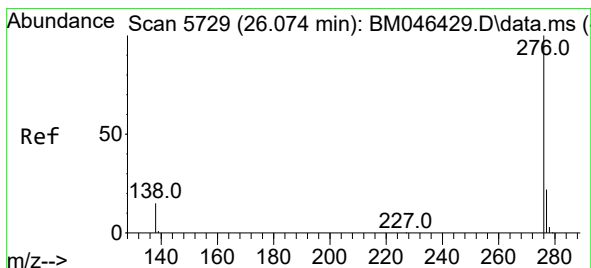
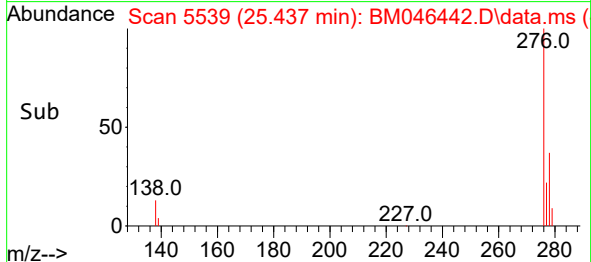
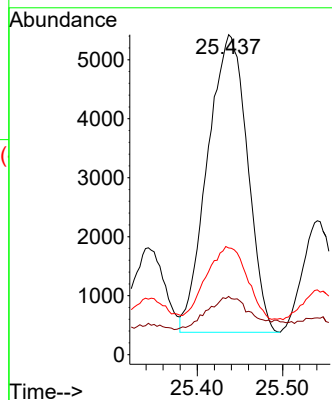
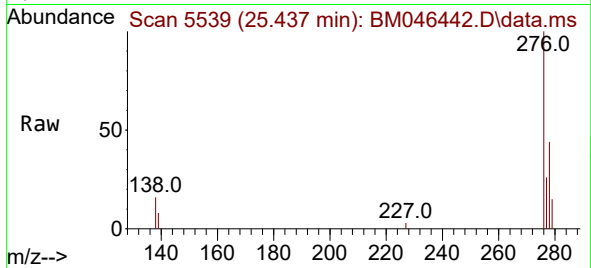




#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 25.437 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BD0DL

Tgt Ion:278 Resp: 16359
Ion Ratio Lower Upper
278 100
139 18.2 12.6 18.8
279 33.3 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.126 ng/ul
RT: 26.071 min Scan# 5728
Delta R.T. -0.020 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:276 Resp: 6943
Ion Ratio Lower Upper
276 100
138 23.9 15.4 23.0#
277 36.3 19.7 29.5#

