

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046417.D
 Acq On : 06 Jul 2024 13:57
 Operator : MA/JU
 Sample : P2982-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF7

Quant Time: Jul 08 00:48:36 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

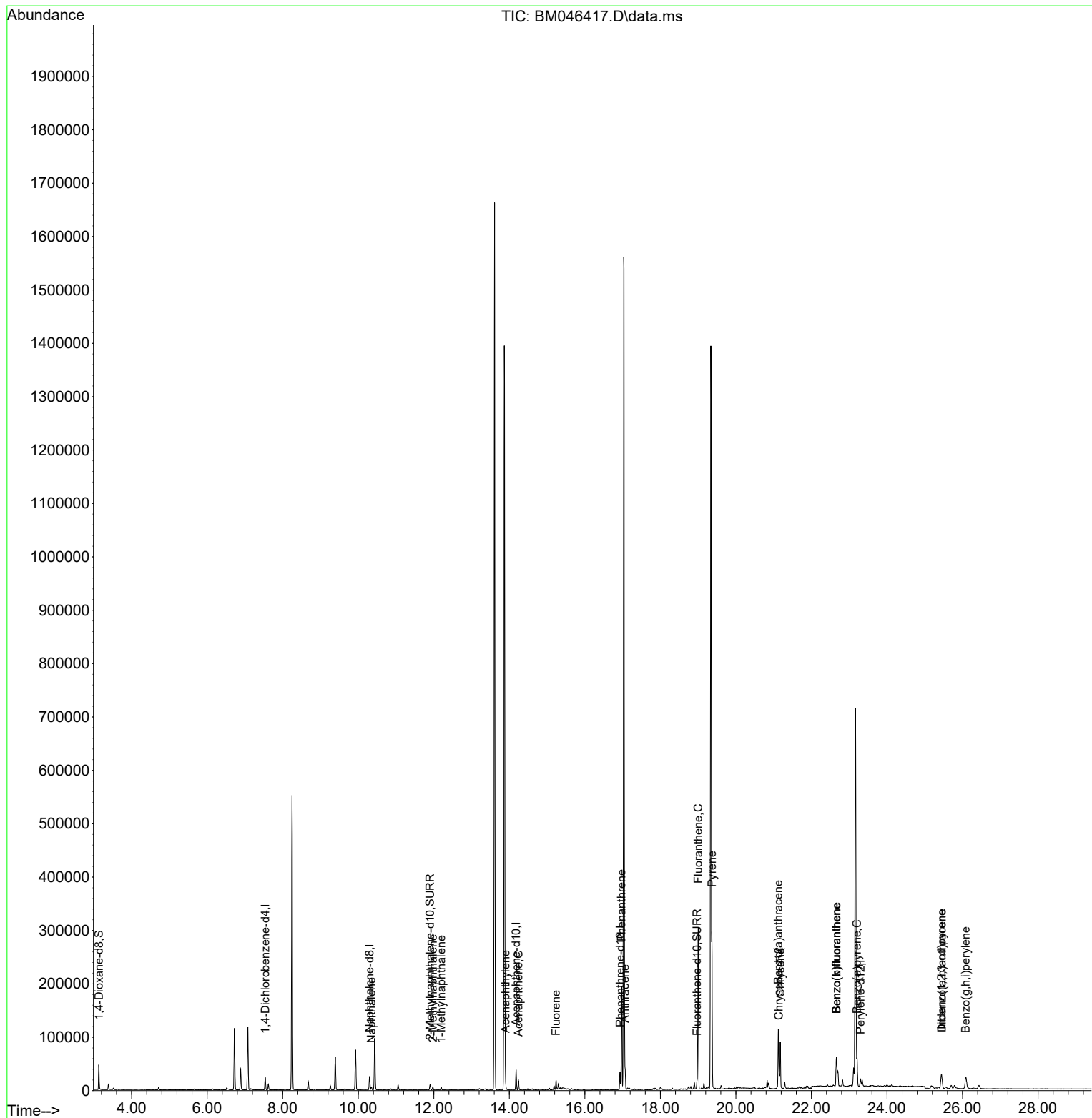
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	11244	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	33552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	20242	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	39801	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	16059	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	15266	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26503	2.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	12011	0.242	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	17902	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	6988	0.078	ng/ul	96
7) 2-Methylnaphthalene	11.975	142	4081	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.195	142	3240	0.052	ng/ul	99
10) Acenaphthylene	13.899	152	21702	0.211	ng/ul	100
11) Acenaphthene	14.242	153	9971	0.149	ng/ul	98
12) Fluorene	15.236	166	11306	0.143	ng/ul	97
15) Phenanthrene	16.971	178	196030	1.645	ng/ul	99
16) Anthracene	17.064	178	38726	0.335	ng/ul	98
19) Fluoranthene	19.001	202	256189	3.156	ng/ul	97
20) Pyrene	19.363	202	238265	2.853	ng/ul#	95
21) Benzo(a)anthracene	21.123	228	89360	1.245	ng/ul	94
22) Chrysene	21.175	228	81928	1.148	ng/ul	97
24) Benzo(b)fluoranthene	22.660	252	117136	1.805	ng/ul	98
25) Benzo(k)fluoranthene	22.660	252	117136	1.788	ng/ul	97
26) Benzo(a)pyrene	23.206	252	65643	1.280	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.440	276	45405	0.655	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.454	278	10852	0.202	ng/ul#	70
29) Benzo(g,h,i)perylene	26.084	276	46291	0.838	ng/ul	97

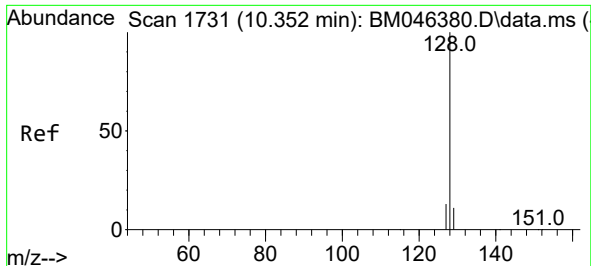
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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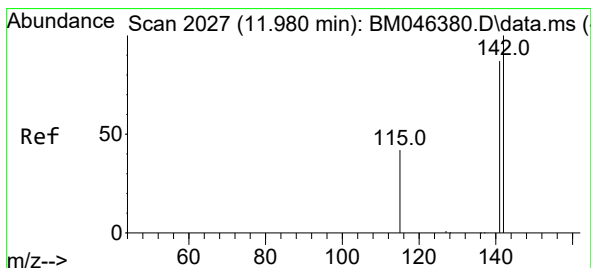
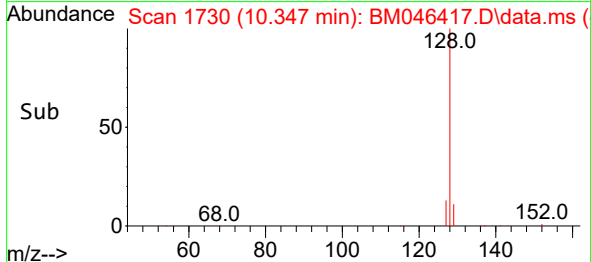
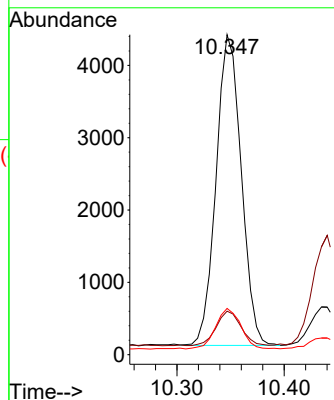
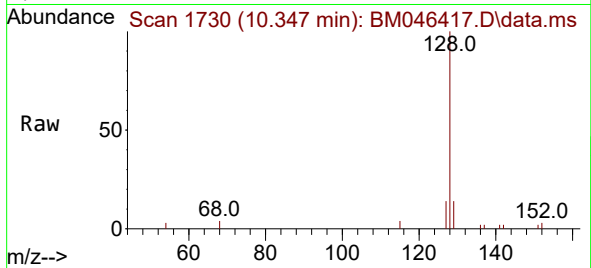




#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

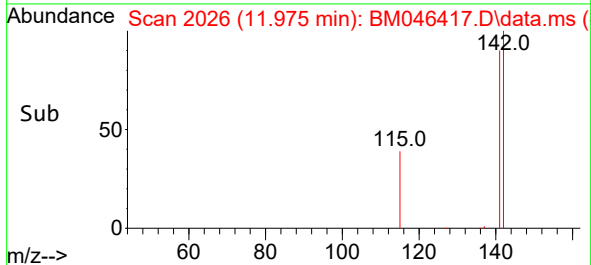
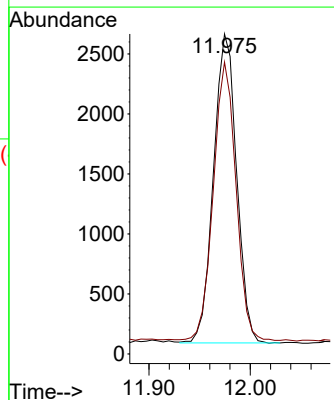
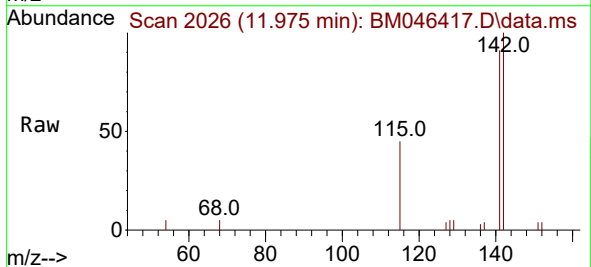
Instrument :
BNA_M
ClientSampleId :
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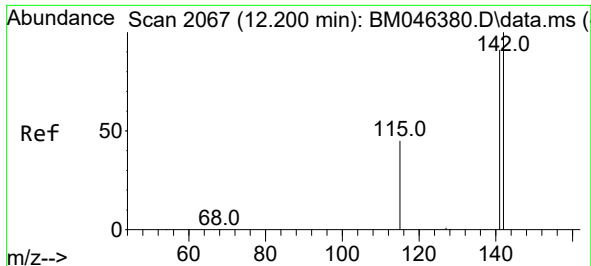
Tgt Ion:128 Resp: 6988
Ion Ratio Lower Upper
128 100
129 13.6 9.4 14.0
127 14.5 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Tgt Ion:142 Resp: 4081
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.6

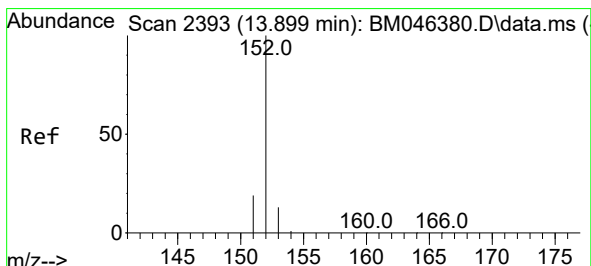
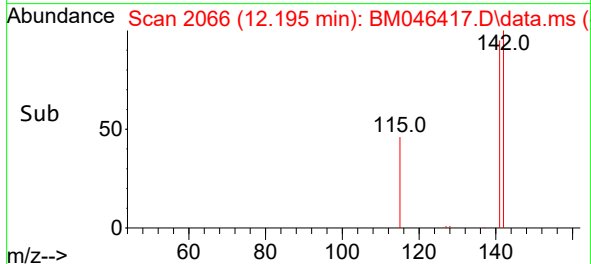
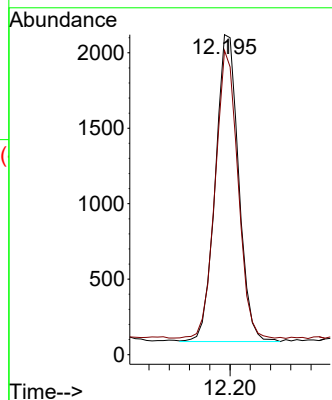
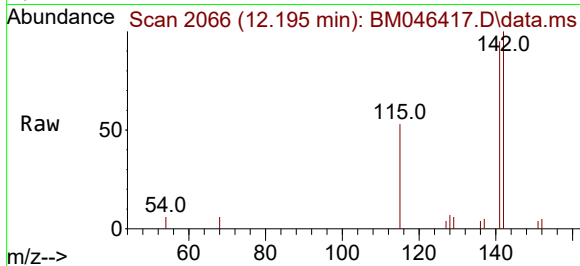




#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

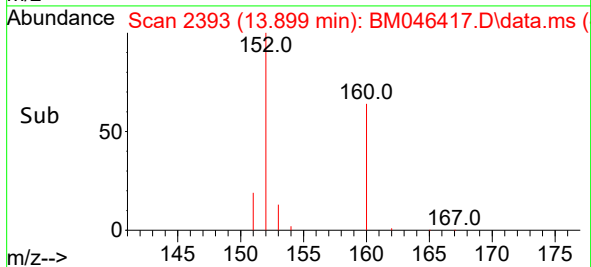
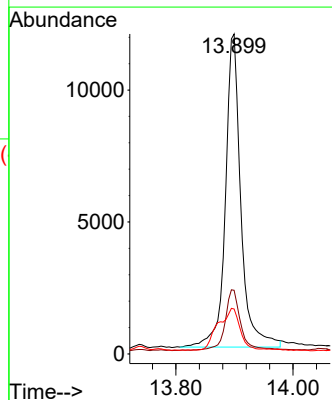
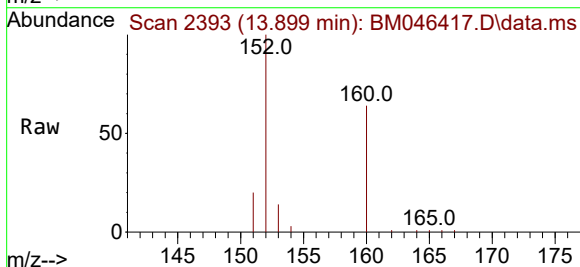
Instrument :
BNA_M
ClientSampleId :
A4CF7

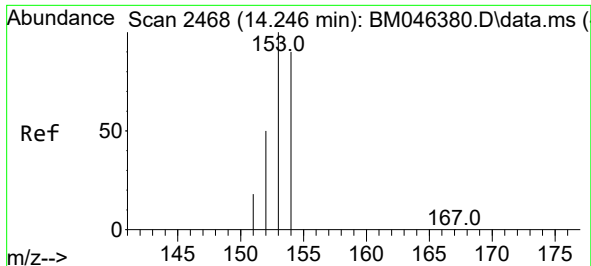
Tgt Ion:142 Resp: 3240
Ion Ratio Lower Upper
142 100
141 91.6 72.4 108.6



#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 13.899 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Tgt Ion:152 Resp: 21702
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.1 11.0 16.6

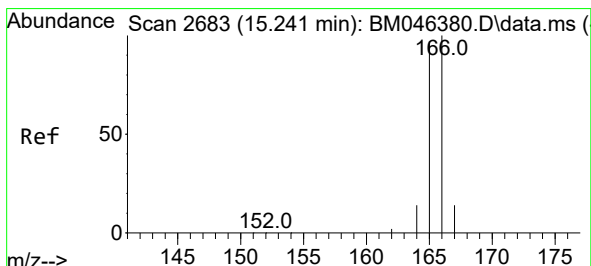
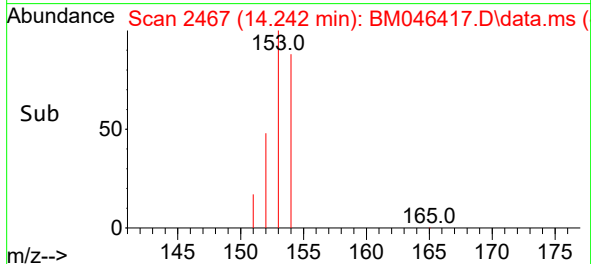
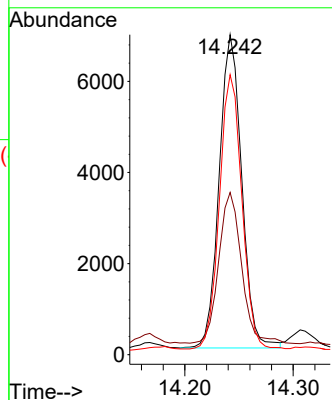
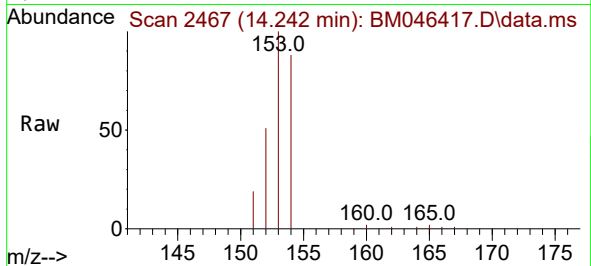




#11
Acenaphthene
Concen: 0.149 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

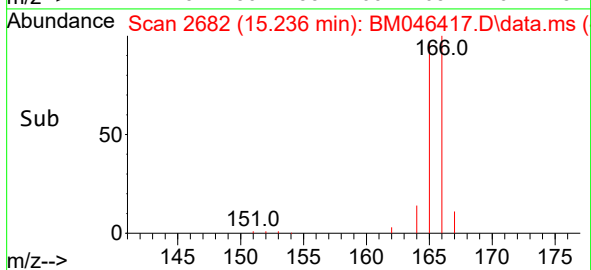
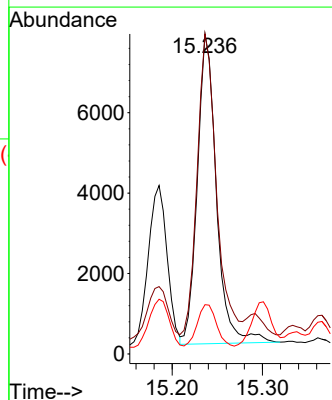
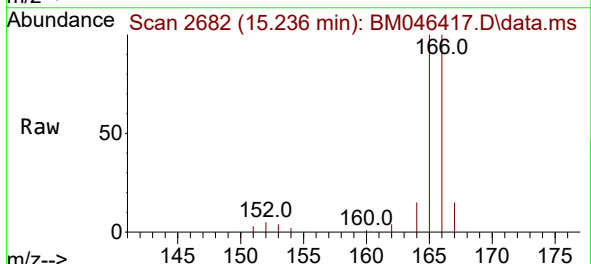
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ClientSampleId :
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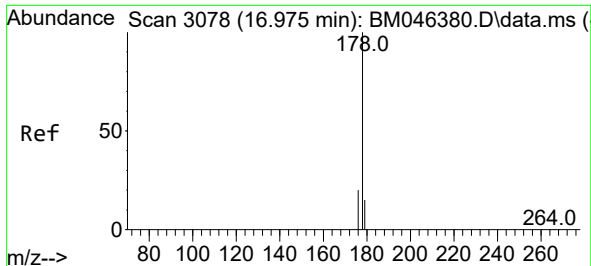
Tgt Ion:153 Resp: 9971
Ion Ratio Lower Upper
153 100
152 50.7 40.4 60.6
154 87.5 72.1 108.1



#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Tgt Ion:166 Resp: 11306
Ion Ratio Lower Upper
166 100
165 100.1 78.0 117.0
167 15.4 11.4 17.0

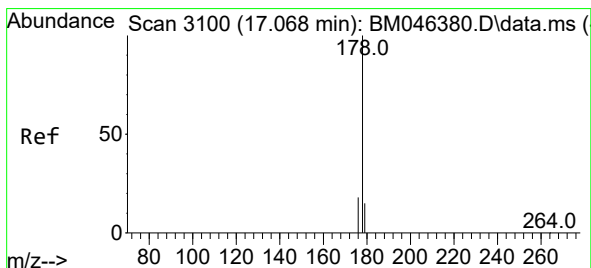
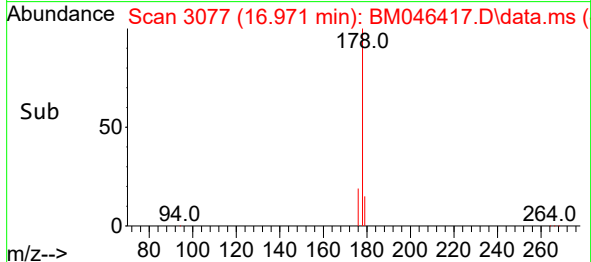
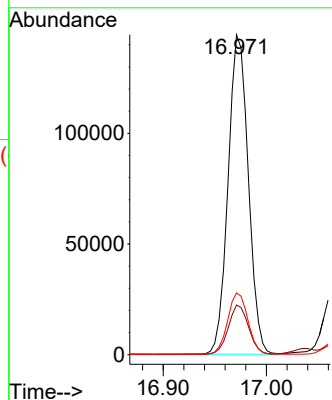
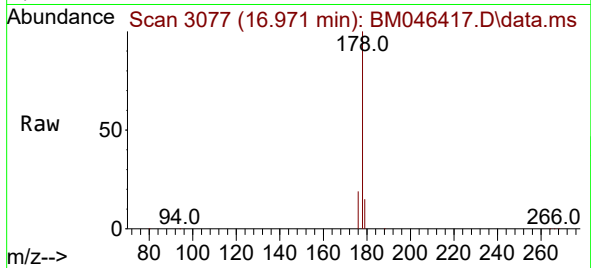




#15
Phenanthrene
Concen: 1.645 ng/ul
RT: 16.971 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

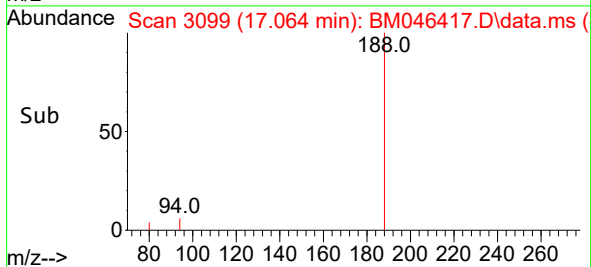
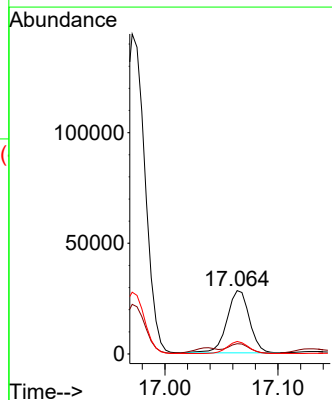
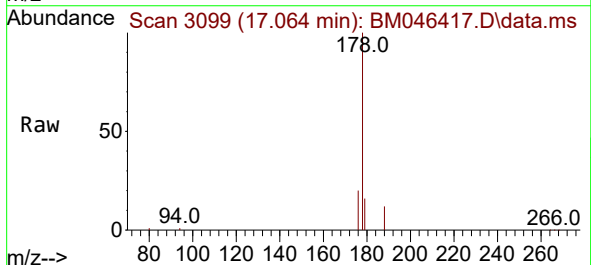
Instrument :
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ClientSampleId :
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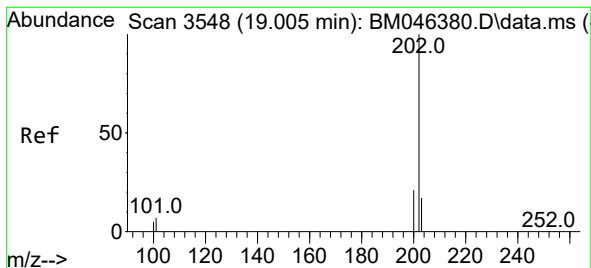
Tgt Ion:178 Resp: 196030
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Tgt Ion:178 Resp: 38726
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.7 14.9 22.3





#19

Fluoranthene

Concen: 3.156 ng/ul

RT: 19.001 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

Instrument :

BNA_M

ClientSampleId :

A4CF7

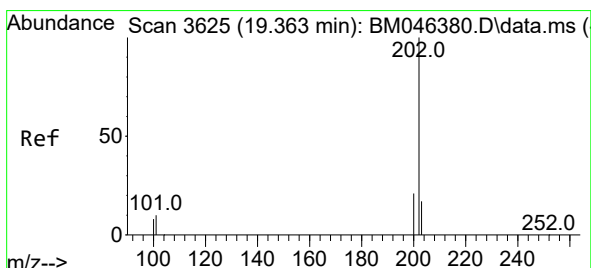
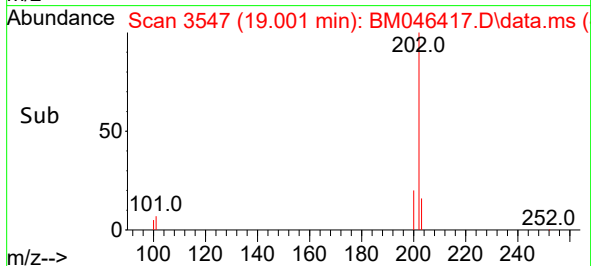
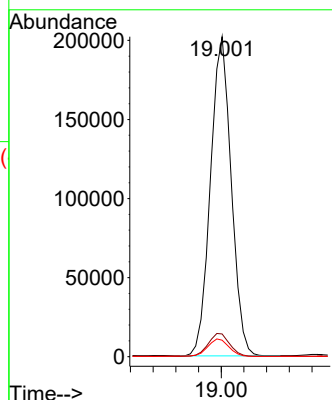
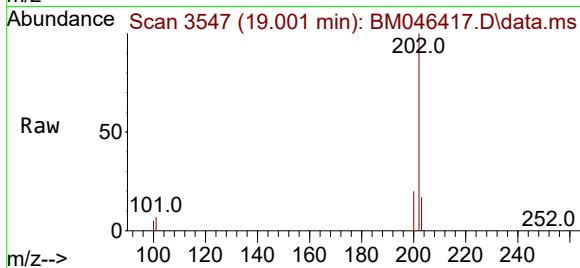
Tgt Ion:202 Resp: 256189

Ion Ratio Lower Upper

202 100

101 7.1 6.3 9.5

100 5.2 5.0 7.6



#20

Pyrene

Concen: 2.853 ng/ul

RT: 19.363 min Scan# 3625

Delta R.T. 0.000 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

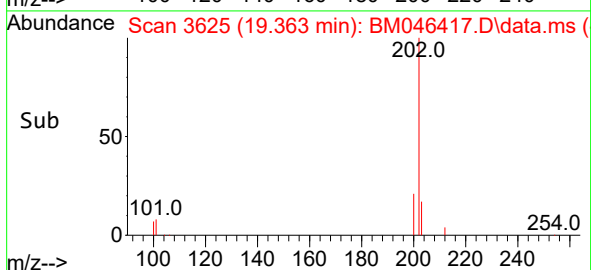
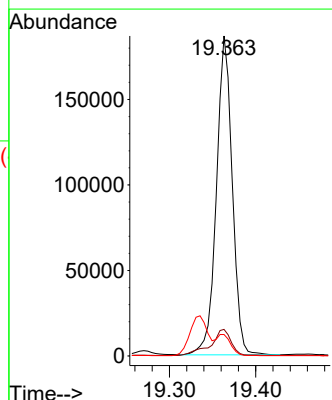
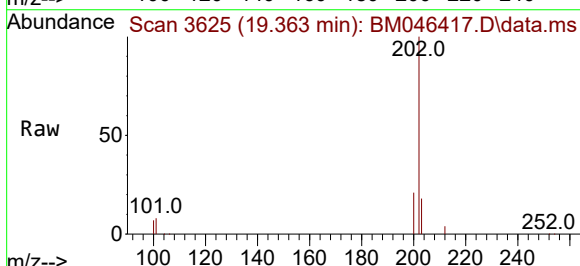
Tgt Ion:202 Resp: 238265

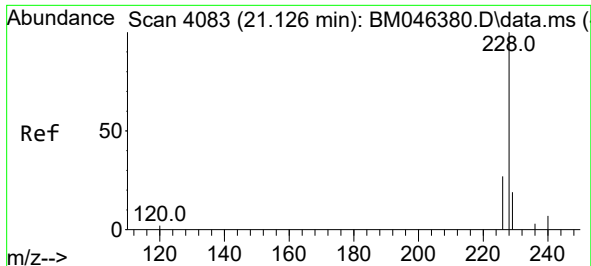
Ion Ratio Lower Upper

202 100

101 8.3 8.2 12.4

100 6.7 6.9 10.3#

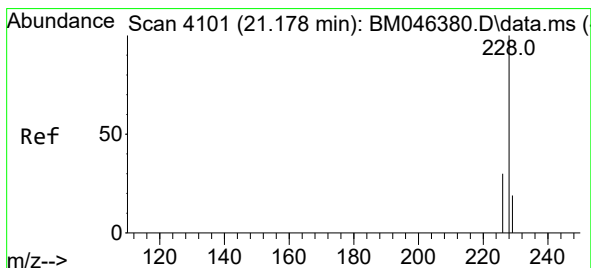
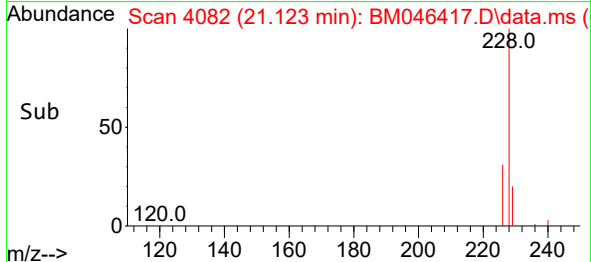
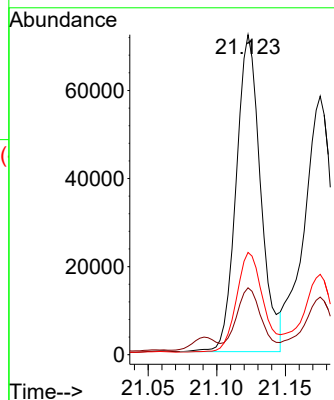
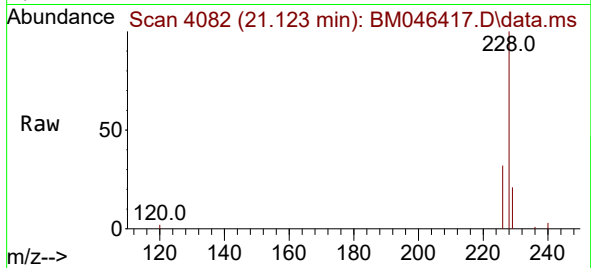




#21
Benzo(a)anthracene
Concen: 1.245 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

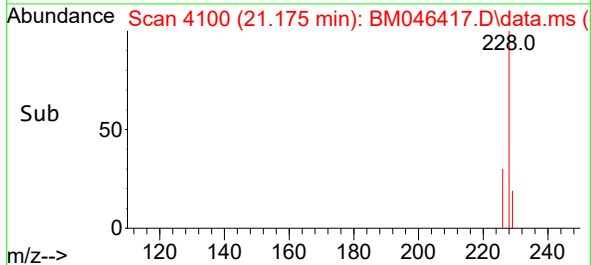
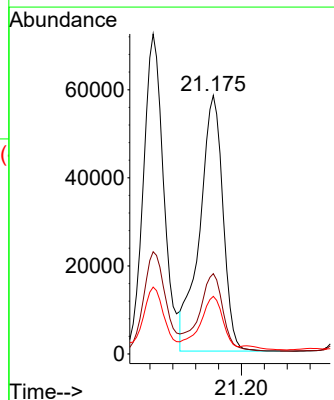
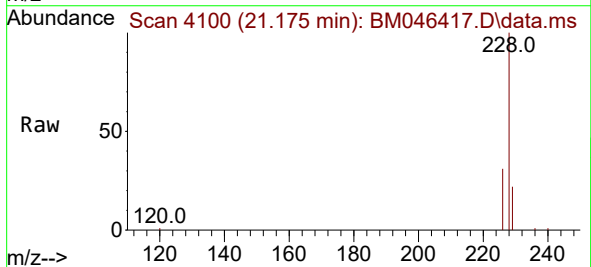
Instrument :
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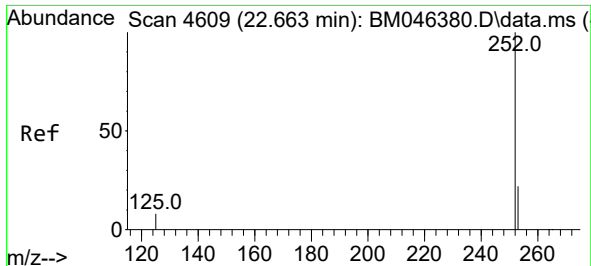
Tgt Ion:228 Resp: 89360
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 31.9 22.0 33.0



#22
Chrysene
Concen: 1.148 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

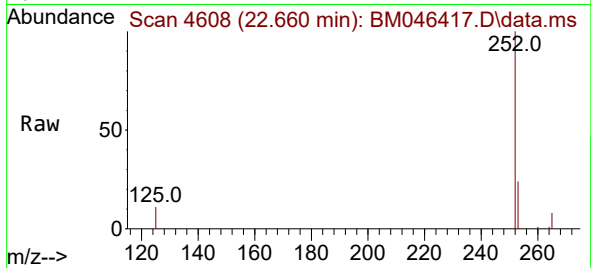
Tgt Ion:228 Resp: 81928
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.3 15.8 23.6



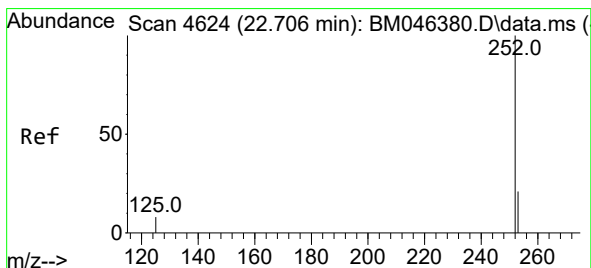
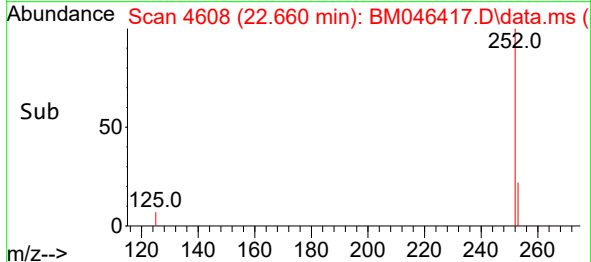
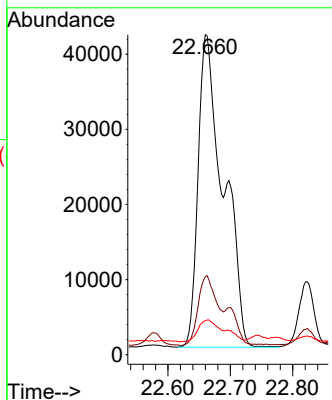


#24
Benzo(b)fluoranthene
Concen: 1.805 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Instrument :
BNA_M
ClientSampleId :
A4CF7

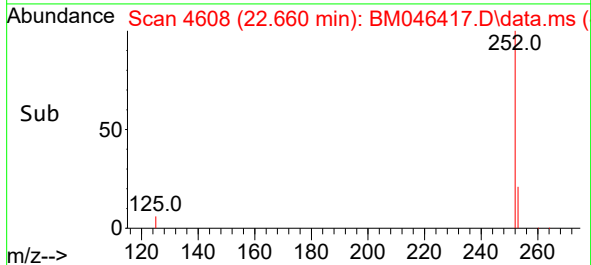
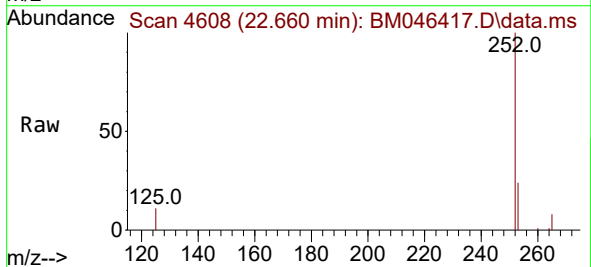
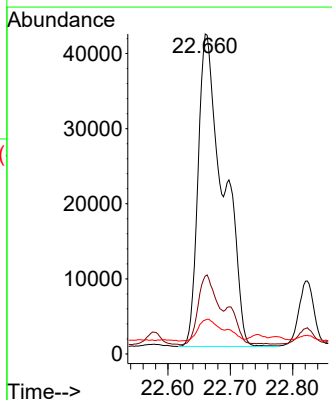


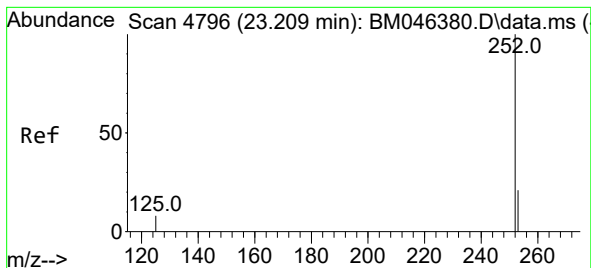
Tgt Ion:252 Resp: 117136
Ion Ratio Lower Upper
252 100
253 24.3 0.0 47.0
125 10.6 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 1.788 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM046417.D
Acq: 06 Jul 2024 13:57

Tgt Ion:252 Resp: 117136
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 10.6 7.5 11.3





#26

Benzo(a)pyrene

Concen: 1.280 ng/ul

RT: 23.206 min Scan# 4795

Delta R.T. -0.003 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

Instrument :

BNA_M

ClientSampleId :

A4CF7

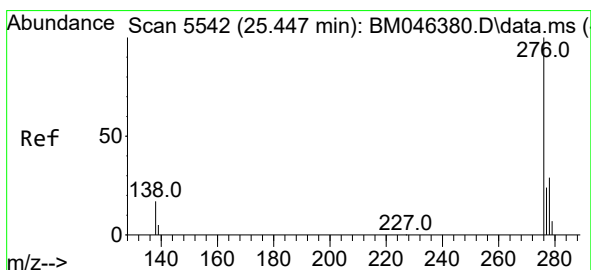
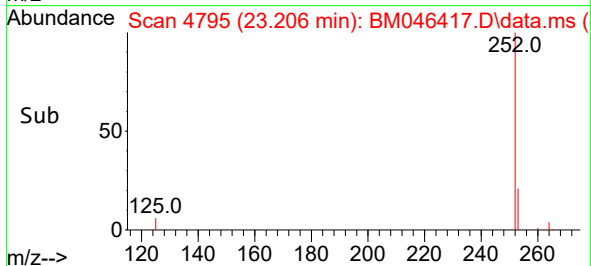
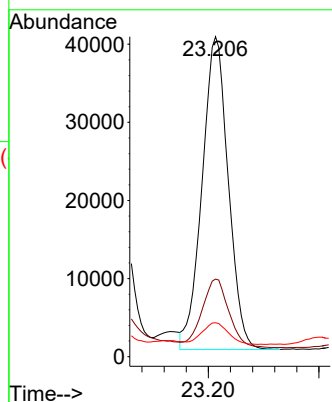
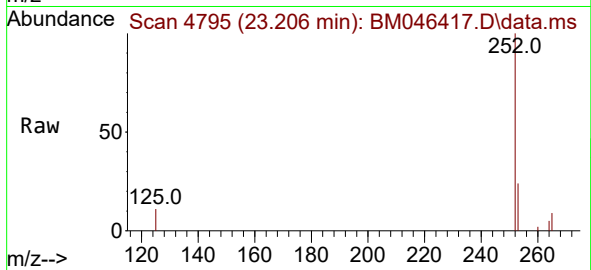
Tgt Ion:252 Resp: 65643

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

125 10.6 8.1 12.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.655 ng/ul

RT: 25.440 min Scan# 5540

Delta R.T. -0.007 min

Lab File: BM046417.D

Acq: 06 Jul 2024 13:57

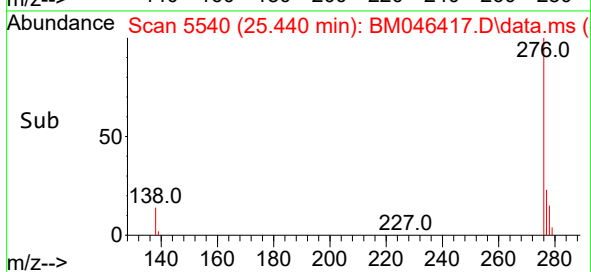
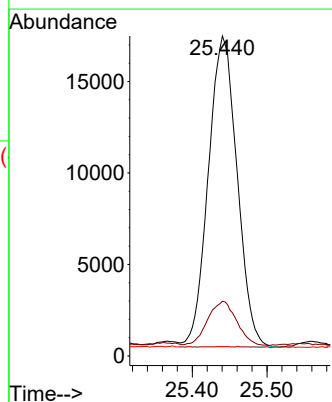
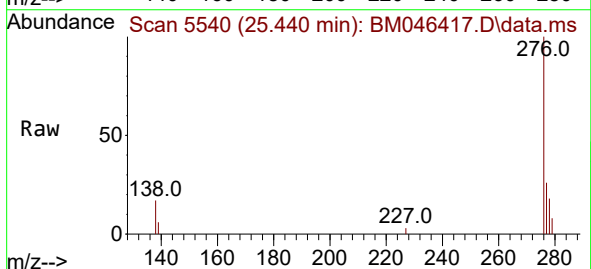
Tgt Ion:276 Resp: 45405

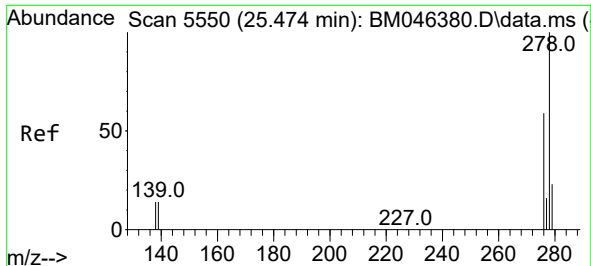
Ion Ratio Lower Upper

276 100

138 14.4 15.7 23.5#

227 0.1 0.1 0.1#

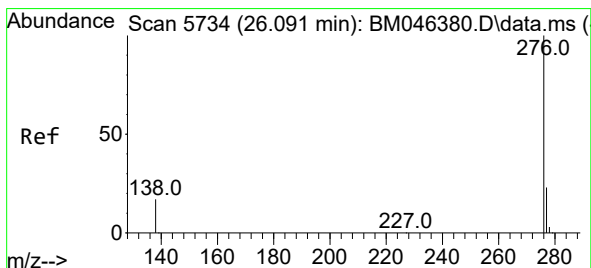
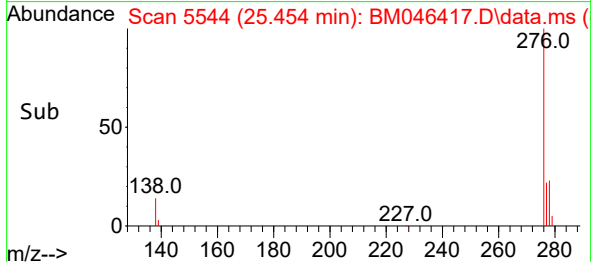
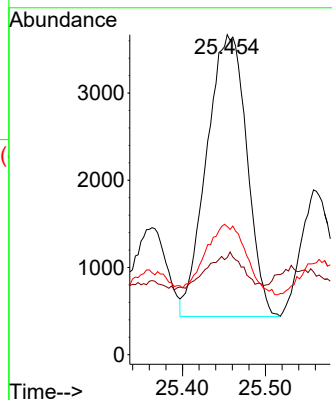
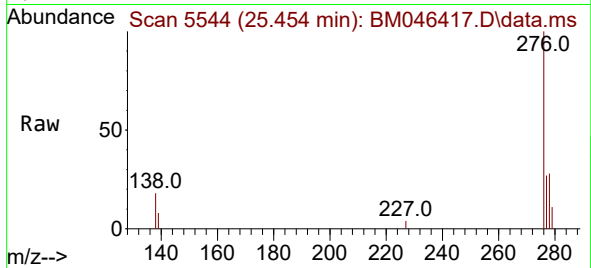




#28
 Dibenzo(a,h)anthracene
 Concen: 0.202 ng/ul
 RT: 25.454 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM046417.D
 Acq: 06 Jul 2024 13:57

Instrument :
 BNA_M
 ClientSampleId :
 A4CF7

Tgt Ion:278 Resp: 10852
 Ion Ratio Lower Upper
 278 100
 139 30.4 12.6 18.8#
 279 40.0 20.7 31.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.838 ng/ul
 RT: 26.084 min Scan# 5732
 Delta R.T. -0.007 min
 Lab File: BM046417.D
 Acq: 06 Jul 2024 13:57

Tgt Ion:276 Resp: 46291
 Ion Ratio Lower Upper
 276 100
 138 17.5 15.4 23.0
 277 26.1 19.7 29.5

