

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046408.D
 Acq On : 06 Jul 2024 07:52
 Operator : MA/JU
 Sample : P3010-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD0

Quant Time: Jul 08 00:46:53 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

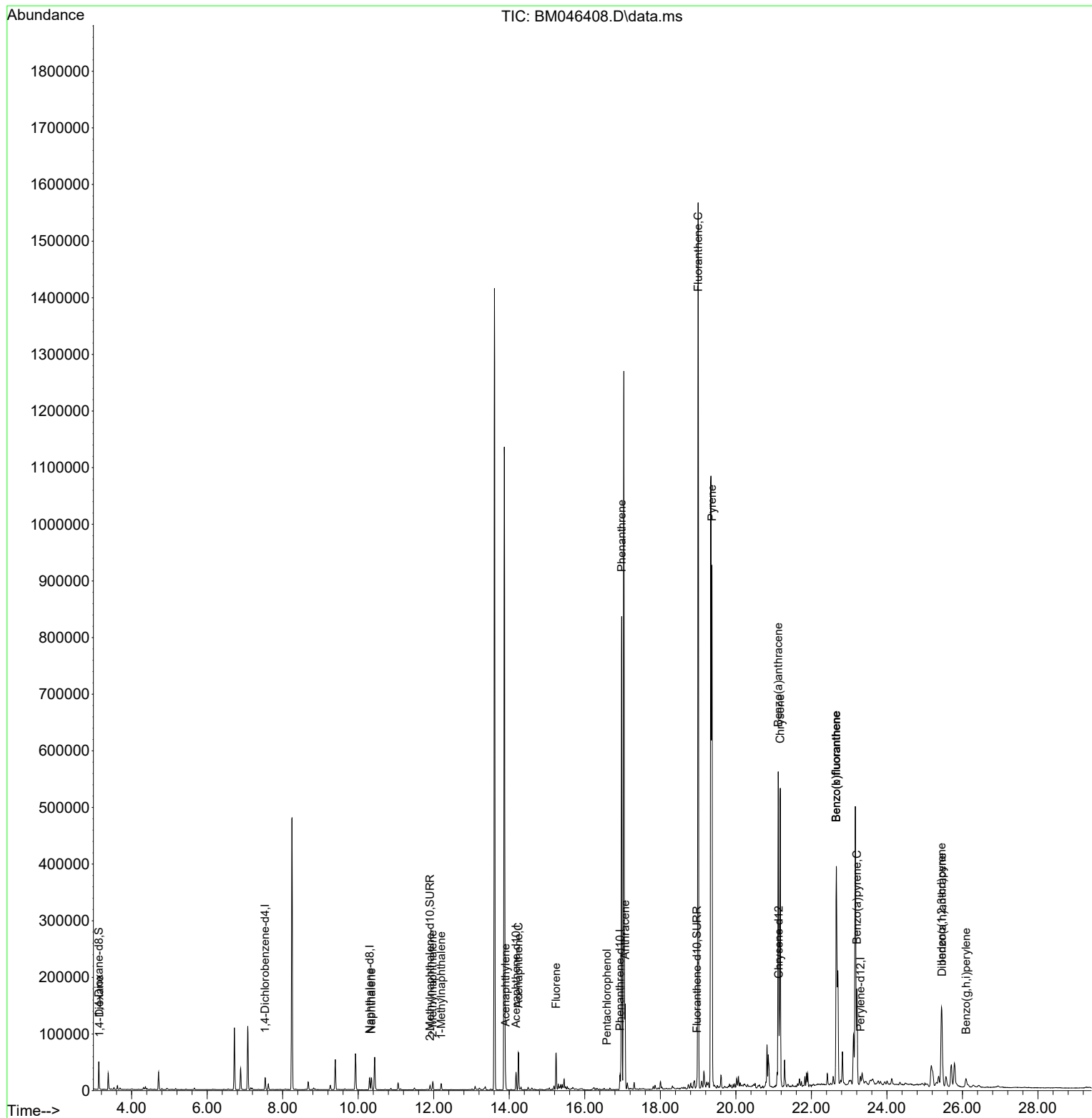
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	10258	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	28678	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	16204	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	30008	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	13898	0.400	ng/ul	# 0.00
23) Perylene-d12	23.300	264	15801	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	25939	2.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	10023	0.236	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	15852	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.143	88	288	0.024	ng/ul#	1
5) Naphthalene	10.347	128	28163	0.370	ng/ul	99
7) 2-Methylnaphthalene	11.974	142	9540	0.185	ng/ul	98
8) 1-Methylnaphthalene	12.200	142	7426	0.140	ng/ul	99
10) Acenaphthylene	13.899	152	31245	0.380	ng/ul	99
11) Acenaphthene	14.242	153	37430	0.698	ng/ul	98
12) Fluorene	15.241	166	40644	0.642	ng/ul	100
14) Pentachlorophenol	16.587	266	281	0.032	ng/ul	92
15) Phenanthrene	16.975	178	852531	9.487	ng/ul	99
16) Anthracene	17.068	178	149385	1.714	ng/ul	100
19) Fluoranthene	19.001	202	1343206	19.120	ng/ul	99
20) Pyrene	19.368	202	843906	11.675	ng/ul#	94
21) Benzo(a)anthracene	21.123	228	476311	7.670	ng/ul	97
22) Chrysene	21.175	228	469329	7.602	ng/ul	98
24) Benzo(b)fluoranthene	22.660	252	827153	12.313	ng/ul	98
25) Benzo(k)fluoranthene	22.660	252	827153	12.198	ng/ul	99
26) Benzo(a)pyrene	23.206	252	215915	4.066	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.447	276	212668	2.965	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.460	278	78535	1.415	ng/ul	97
29) Benzo(g,h,i)perylene	26.094	276	33795	0.591	ng/ul#	89

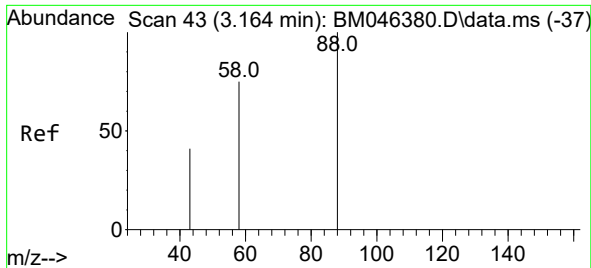
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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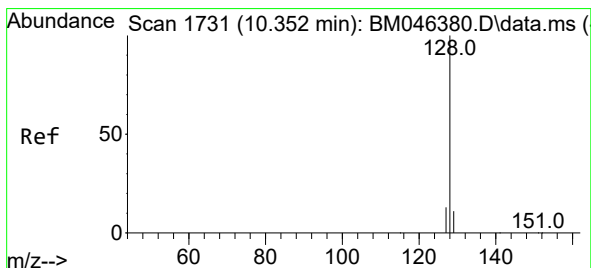
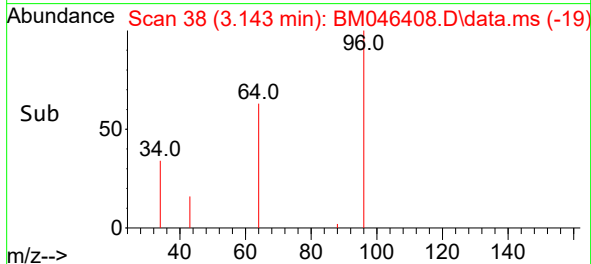
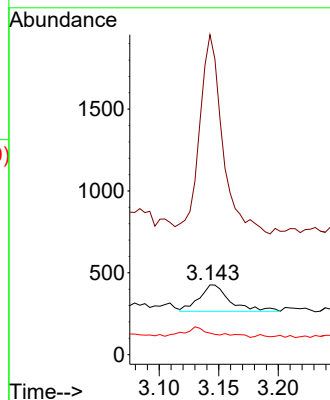
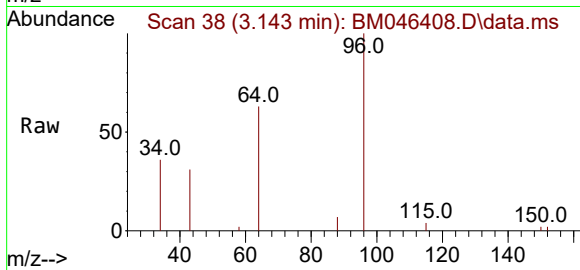




#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.143 min Scan# 31
Delta R.T. -0.021 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

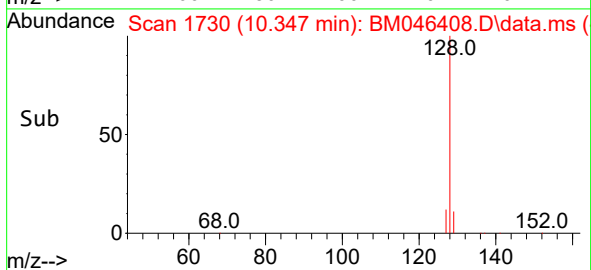
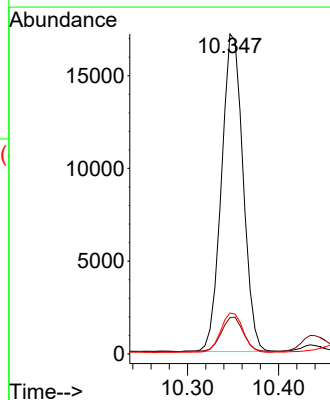
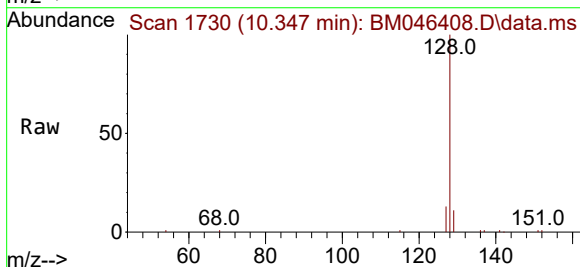
Instrument :
BNA_M
ClientSampleId :
A4BD0

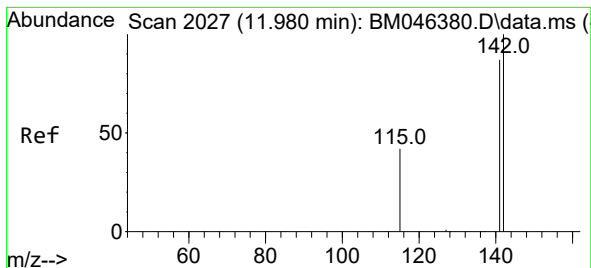
Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
43 458.9 41.9 62.9#
58 31.0 56.5 84.7#



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion: 128 Resp: 28163
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 12.8 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.185 ng/ul

RT: 11.974 min Scan# 2027

Delta R.T. -0.005 min

Lab File: BM046408.D

Acq: 06 Jul 2024 07:52

Instrument :

BNA_M

ClientSampleId :

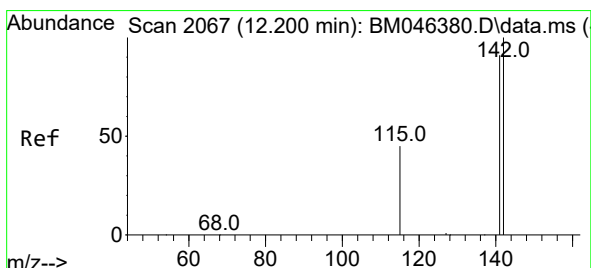
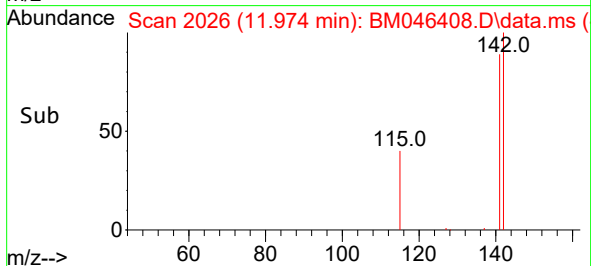
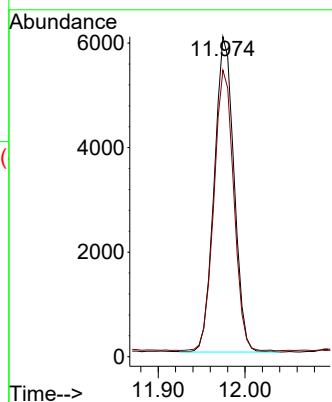
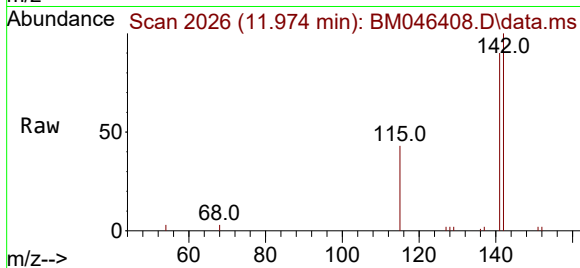
A4BD0

Tgt Ion:142 Resp: 9540

Ion Ratio Lower Upper

142 100

141 89.2 69.8 104.6



#8

1-Methylnaphthalene

Concen: 0.140 ng/ul

RT: 12.200 min Scan# 2067

Delta R.T. 0.000 min

Lab File: BM046408.D

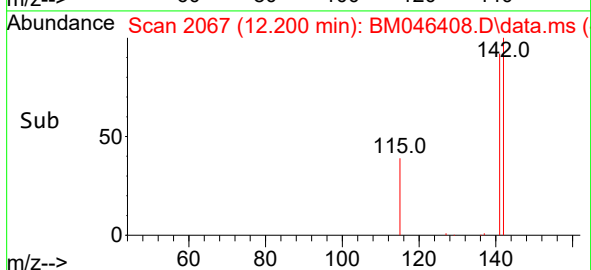
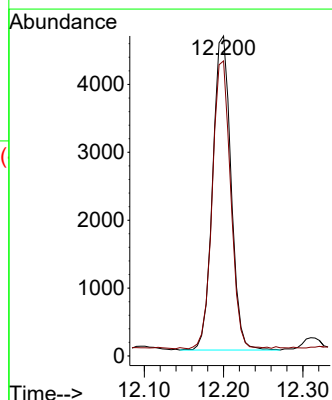
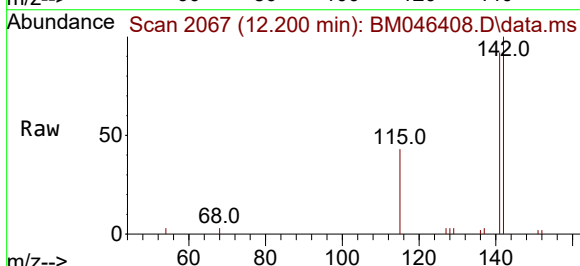
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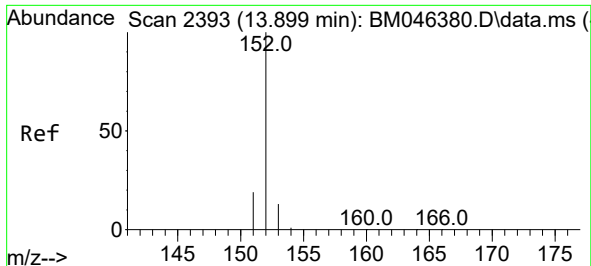
Tgt Ion:142 Resp: 7426

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6

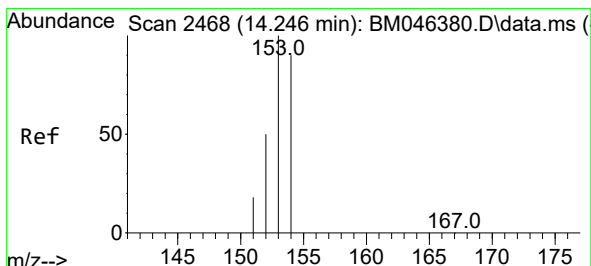
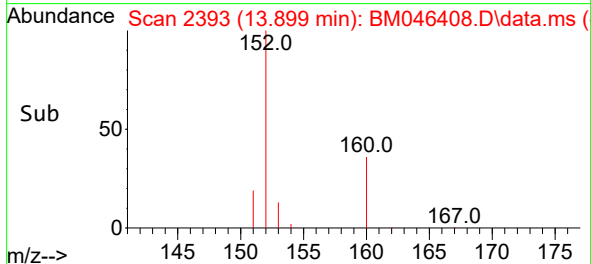
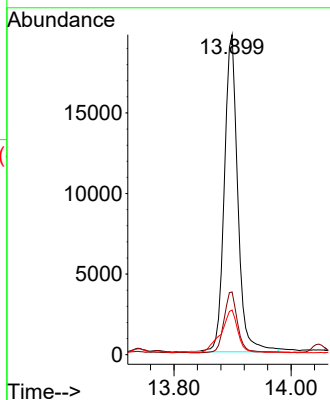
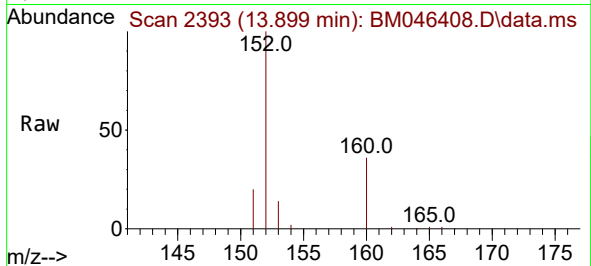




#10
Acenaphthylene
Concen: 0.380 ng/u1
RT: 13.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

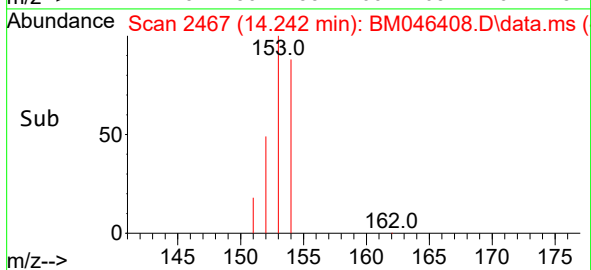
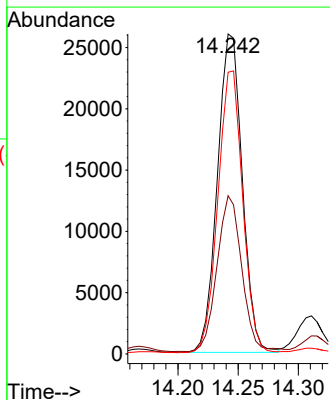
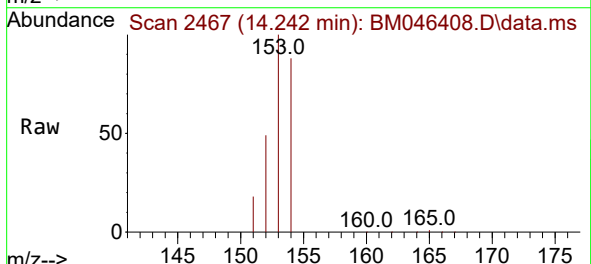
Instrument :
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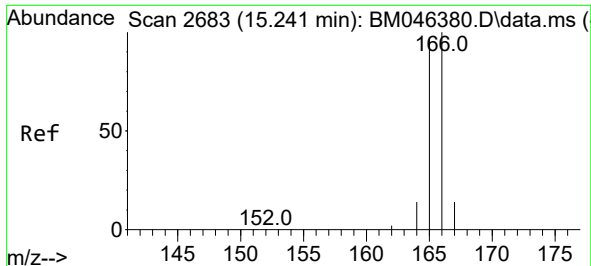
Tgt Ion:152 Resp: 31245
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 14.0 11.0 16.6



#11
Acenaphthene
Concen: 0.698 ng/u1
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:153 Resp: 37430
Ion Ratio Lower Upper
153 100
152 49.5 40.4 60.6
154 88.0 72.1 108.1

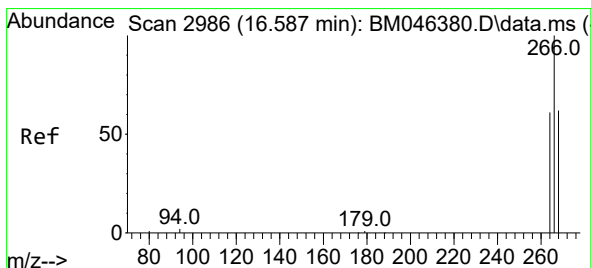
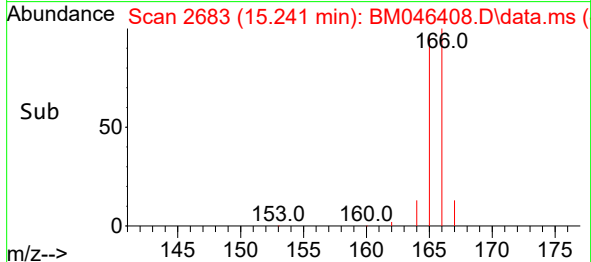
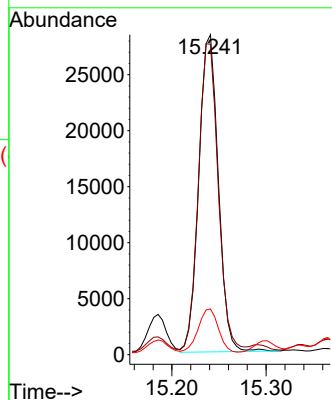
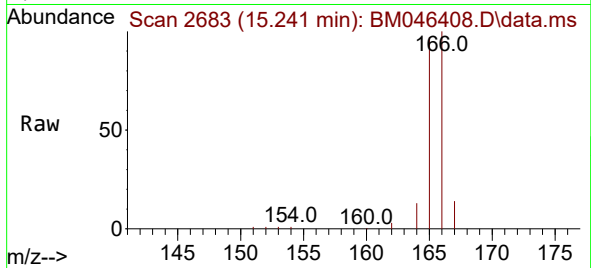




#12
Fluorene
Concen: 0.642 ng/ul
RT: 15.241 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

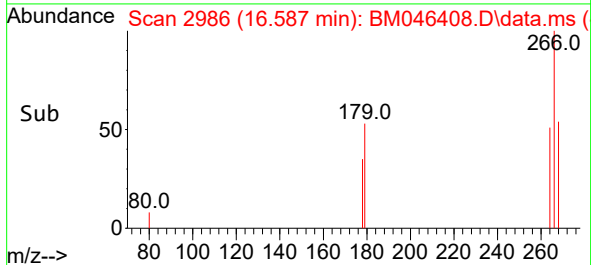
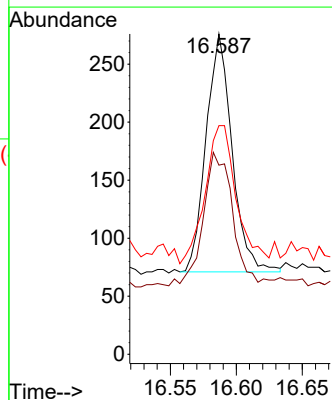
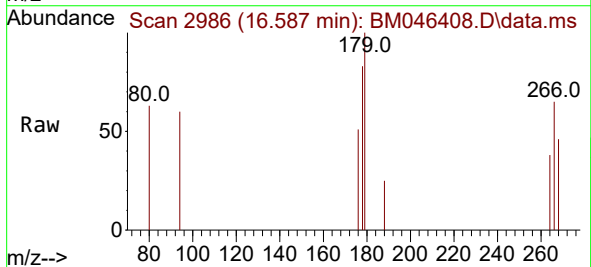
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BNA_M
ClientSampleId :
A4BD0

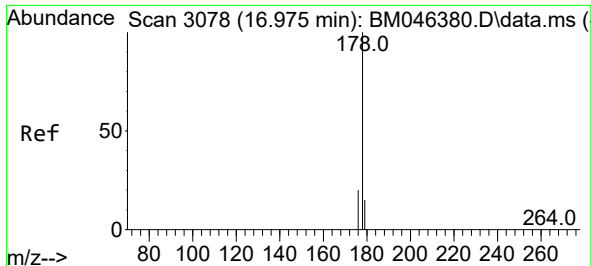
Tgt Ion:166 Resp: 40644
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.587 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:266 Resp: 281
Ion Ratio Lower Upper
266 100
264 70.1 51.0 76.6
268 69.4 50.8 76.2

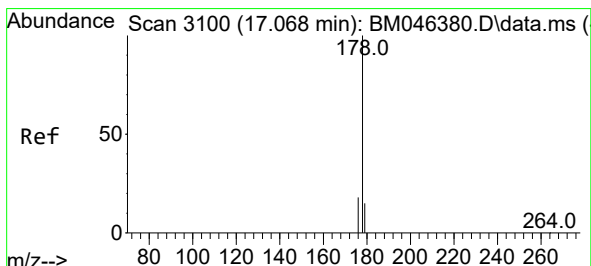
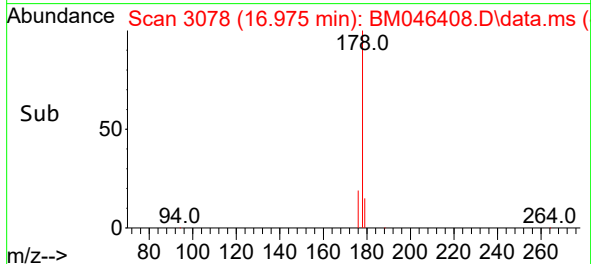
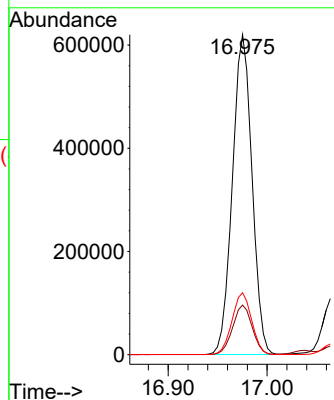
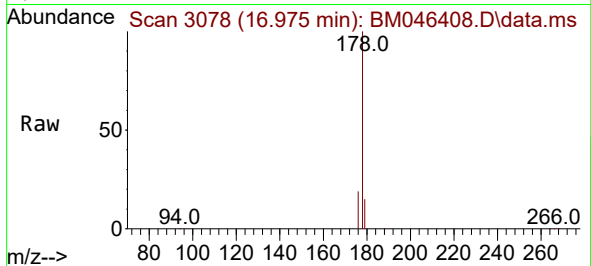




#15
Phenanthrene
Concen: 9.487 ng/ul
RT: 16.975 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

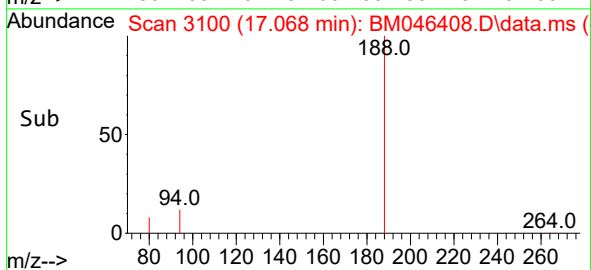
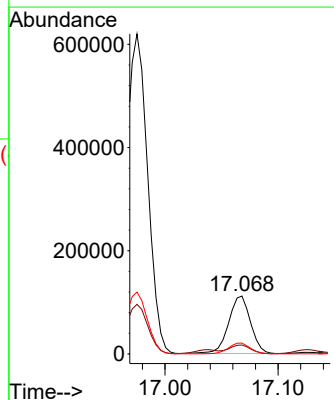
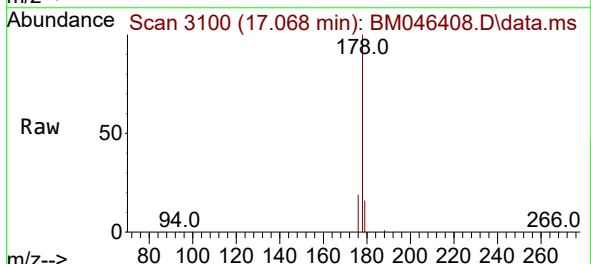
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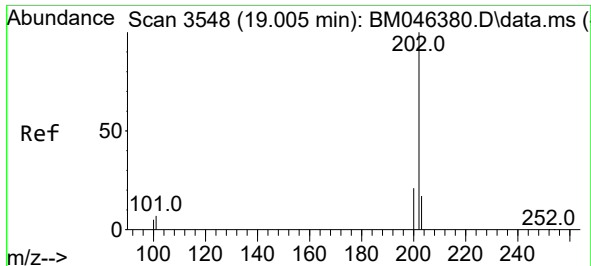
Tgt Ion:178 Resp: 852531
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.4 16.0 24.0



#16
Anthracene
Concen: 1.714 ng/ul
RT: 17.068 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:178 Resp: 149385
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.8 14.9 22.3

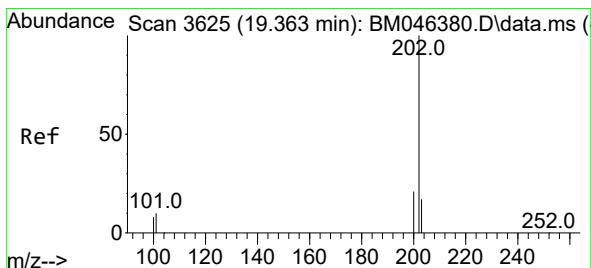
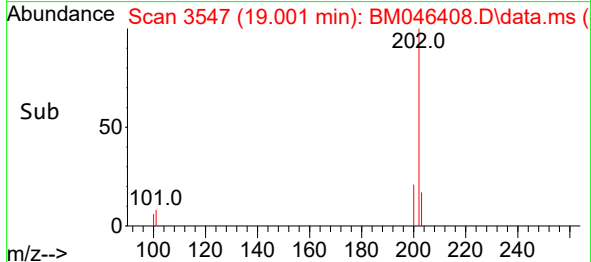
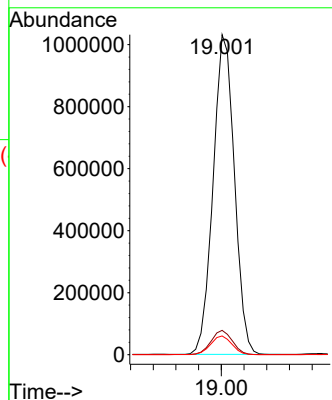
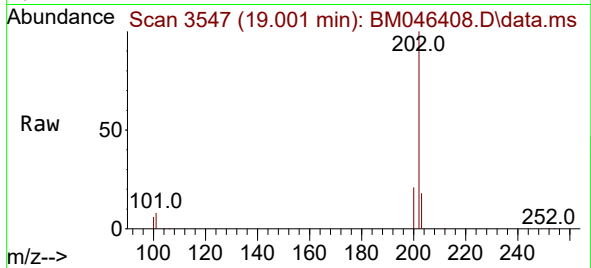




#19
Fluoranthene
Concen: 19.120 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

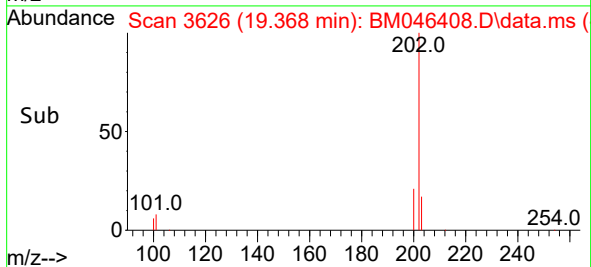
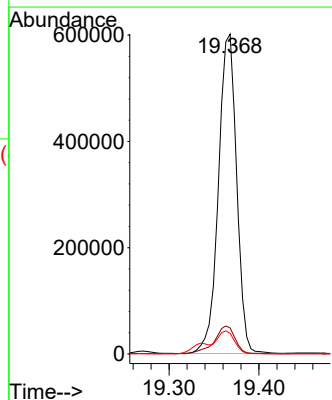
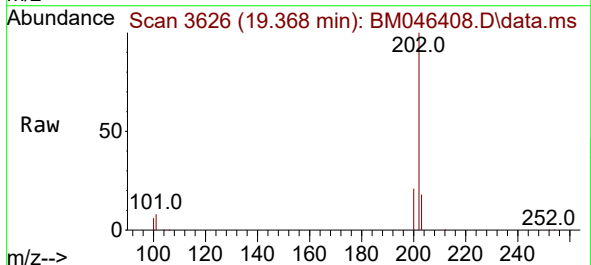
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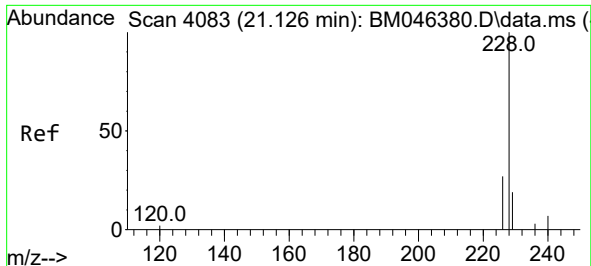
Tgt Ion:202 Resp: 1343206
Ion Ratio Lower Upper
202 100
101 7.6 6.3 9.5
100 5.9 5.0 7.6



#20
Pyrene
Concen: 11.675 ng/ul
RT: 19.368 min Scan# 3626
Delta R.T. 0.005 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:202 Resp: 843906
Ion Ratio Lower Upper
202 100
101 8.1 8.2 12.4#
100 6.5 6.9 10.3#

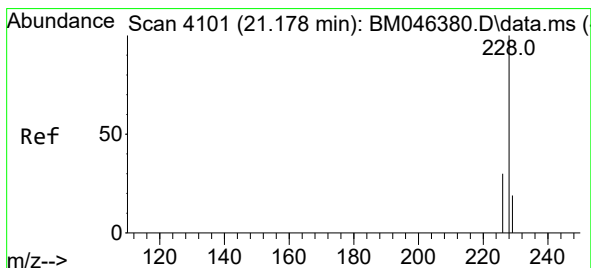
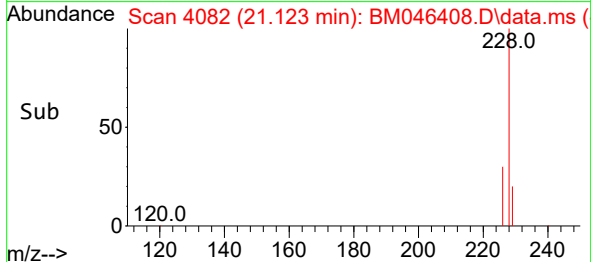
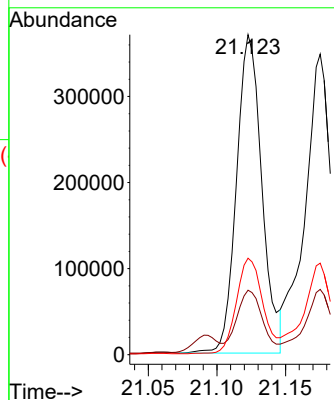
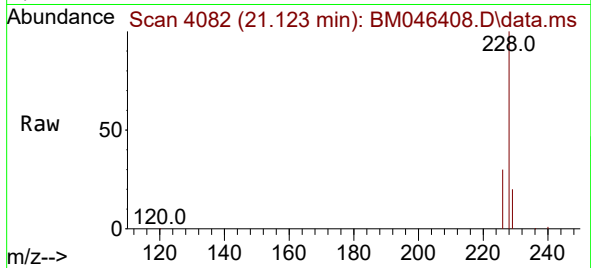




#21
Benzo(a)anthracene
Concen: 7.670 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

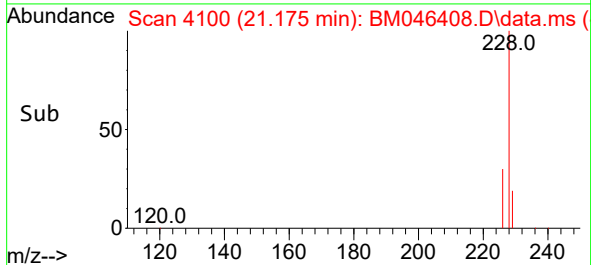
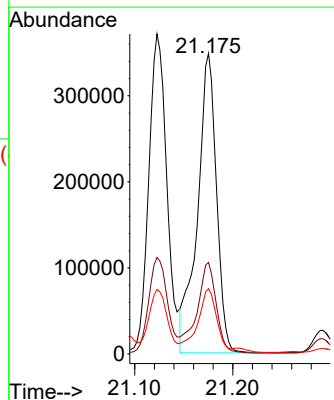
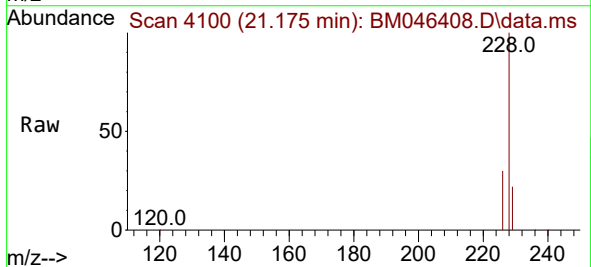
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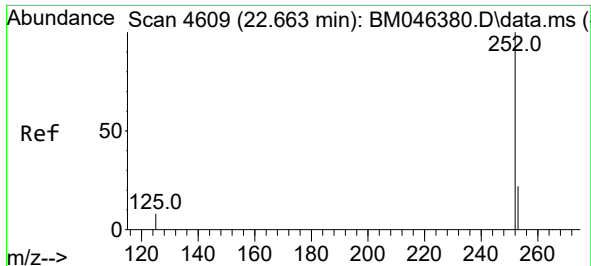
Tgt Ion:228 Resp: 476311
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 30.2 22.0 33.0



#22
Chrysene
Concen: 7.602 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:228 Resp: 469329
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.7 15.8 23.6

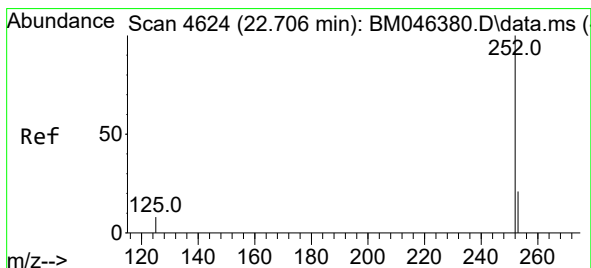
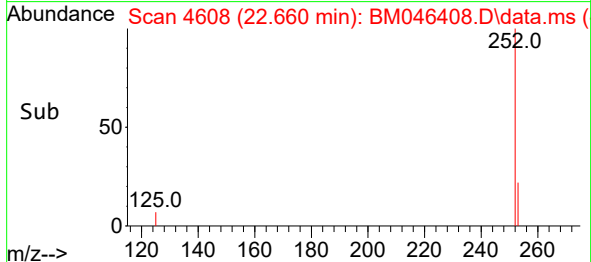
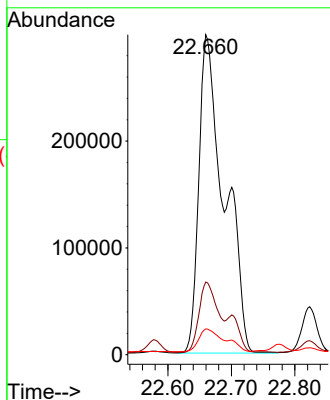
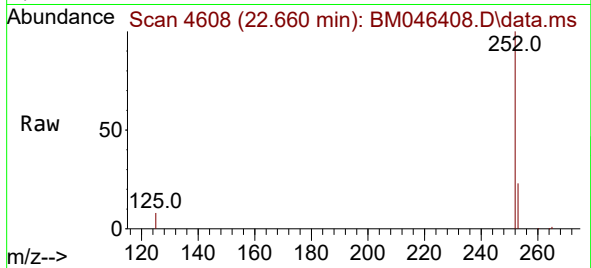




#24
Benzo(b)fluoranthene
Concen: 12.313 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

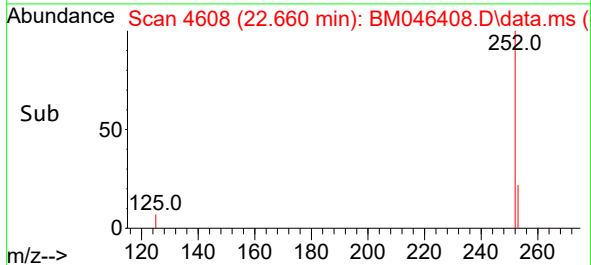
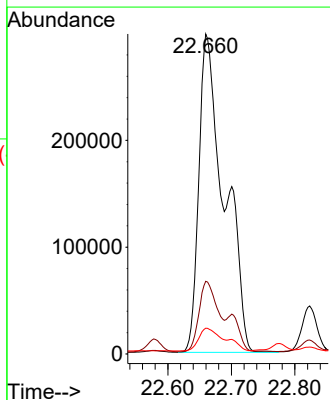
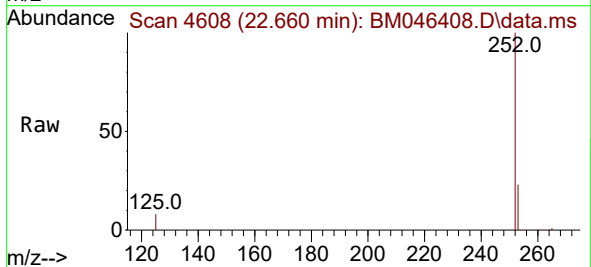
Instrument :
BNA_M
ClientSampleId :
A4BD0

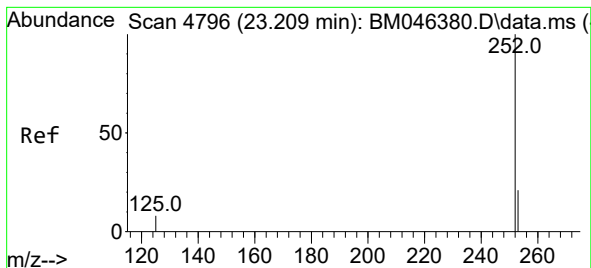
Tgt Ion:252 Resp: 827153
Ion Ratio Lower Upper
252 100
253 22.7 0.0 47.0
125 8.0 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 12.198 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:252 Resp: 827153
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 8.0 7.5 11.3





#26

Benzo(a)pyrene

Concen: 4.066 ng/ul

RT: 23.206 min Scan# 4795

Delta R.T. -0.003 min

Lab File: BM046408.D

Acq: 06 Jul 2024 07:52

Instrument :

BNA_M

ClientSampleId :

A4BD0

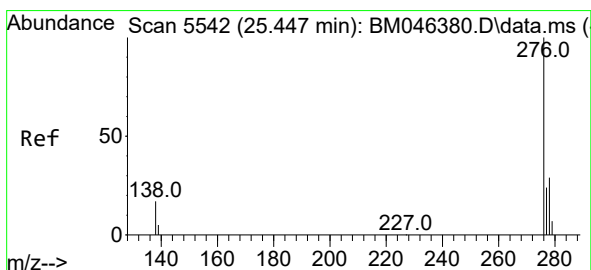
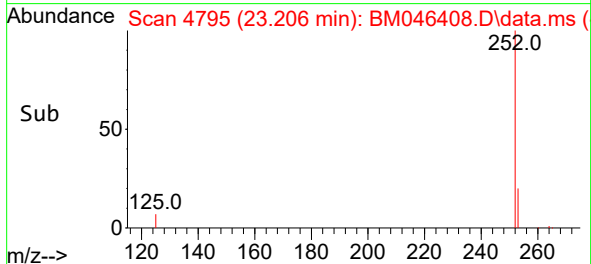
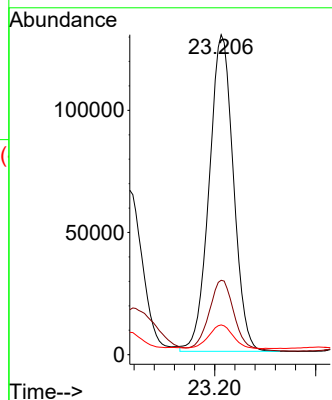
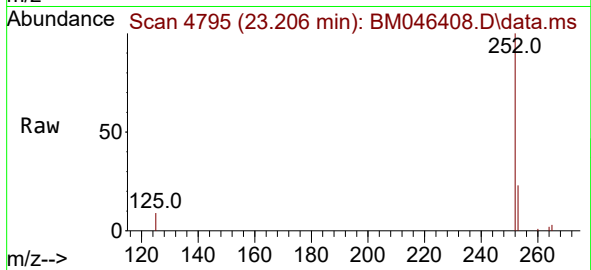
Tgt Ion:252 Resp: 215915

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

125 9.3 8.1 12.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.965 ng/ul

RT: 25.447 min Scan# 5542

Delta R.T. 0.000 min

Lab File: BM046408.D

Acq: 06 Jul 2024 07:52

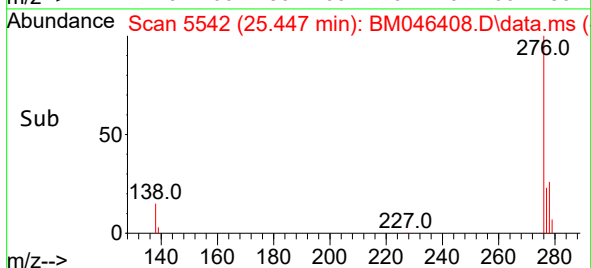
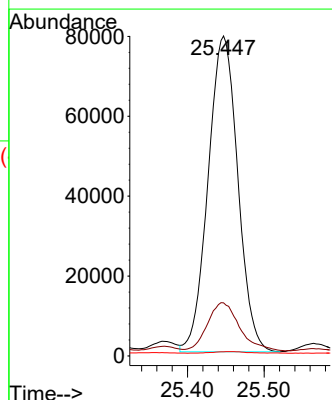
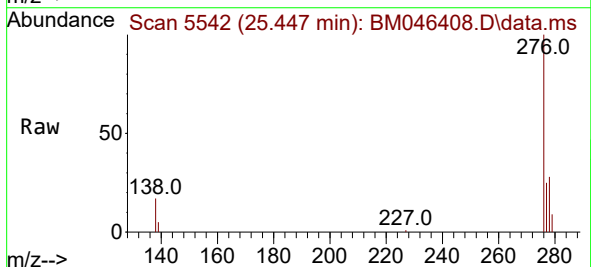
Tgt Ion:276 Resp: 212668

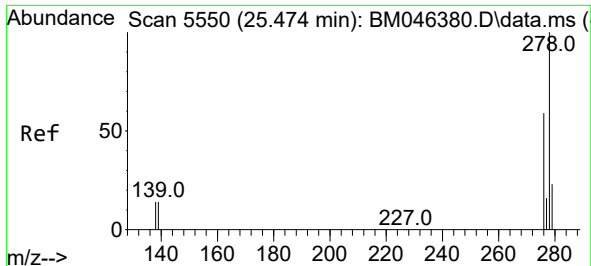
Ion Ratio Lower Upper

276 100

138 16.5 15.7 23.5

227 0.7 0.1 0.1#

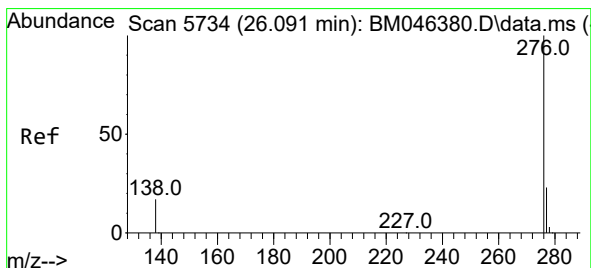
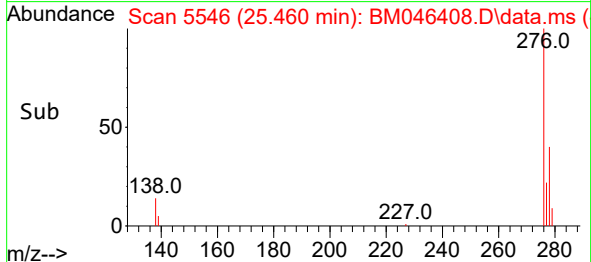
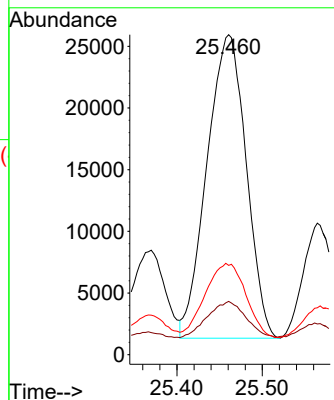
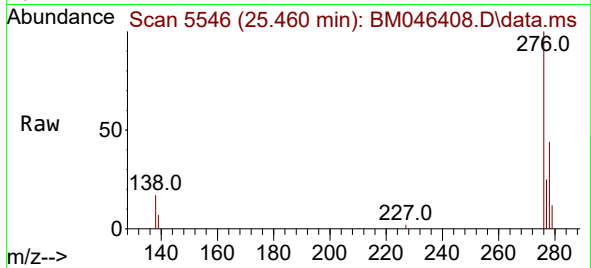




#28
Dibenzo(a,h)anthracene
Concen: 1.415 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Instrument :
BNA_M
ClientSampleId :
A4BD0

Tgt Ion:278 Resp: 78535
Ion Ratio Lower Upper
278 100
139 16.7 12.6 18.8
279 27.9 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.591 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. 0.003 min
Lab File: BM046408.D
Acq: 06 Jul 2024 07:52

Tgt Ion:276 Resp: 33795
Ion Ratio Lower Upper
276 100
138 23.5 15.4 23.0#
277 30.2 19.7 29.5#

