

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046415.D
 Acq On : 06 Jul 2024 12:44
 Operator : MA/JU
 Sample : P2982-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF2

Quant Time: Jul 08 00:48:13 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)

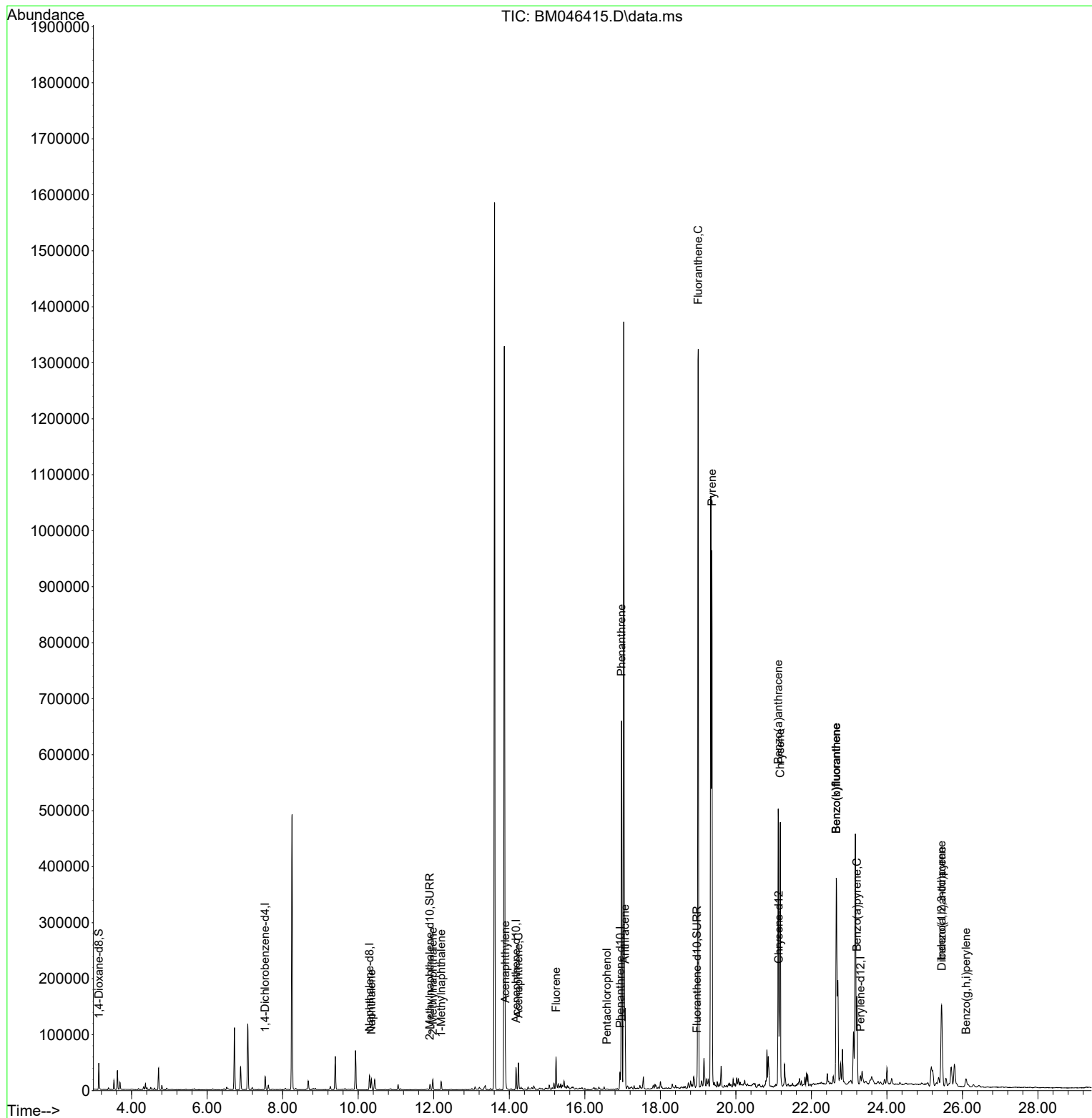
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11293	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	33312	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	19737	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	37491	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	13213	0.400	ng/ul	# 0.00
23) Perylene-d12	23.300	264	15141	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26168	2.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	11874	0.241	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	15519	0.335	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.348	128	25350	0.287	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	12666	0.212	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	9678	0.157	ng/ul	99
10) Acenaphthylene	13.896	152	68294	0.682	ng/ul	100
11) Acenaphthene	14.243	153	28070	0.430	ng/ul	99
12) Fluorene	15.238	166	35256	0.457	ng/ul	98
14) Pentachlorophenol	16.584	266	469	0.043	ng/ul	96
15) Phenanthrene	16.972	178	687761	6.126	ng/ul	99
16) Anthracene	17.065	178	142055	1.304	ng/ul	100
19) Fluoranthene	19.002	202	1188004	17.788	ng/ul	97
20) Pyrene	19.365	202	779541	11.344	ng/ul#	94
21) Benzo(a)anthracene	21.122	228	404945	6.859	ng/ul	94
22) Chrysene	21.175	228	439244	7.483	ng/ul	98
24) Benzo(b)fluoranthene	22.659	252	791707	12.299	ng/ul	98
25) Benzo(k)fluoranthene	22.659	252	791707	12.184	ng/ul	99
26) Benzo(a)pyrene	23.206	252	207796	4.084	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.447	276	221602	3.224	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.457	278	70758	1.331	ng/ul	97
29) Benzo(g,h,i)perylene	26.094	276	33875	0.618	ng/ul#	90

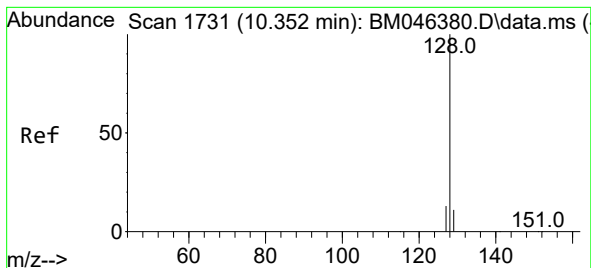
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
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#5

Naphthalene

Concen: 0.287 ng/ul

RT: 10.348 min Scan# 1730

Delta R.T. -0.004 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

Instrument :

BNA_M

ClientSampleId :

A4CF2

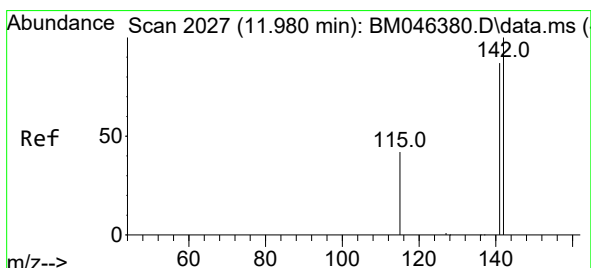
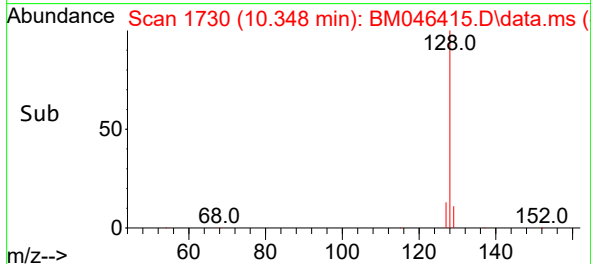
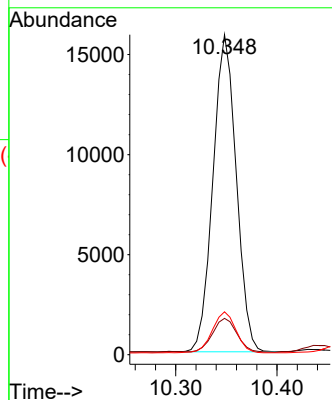
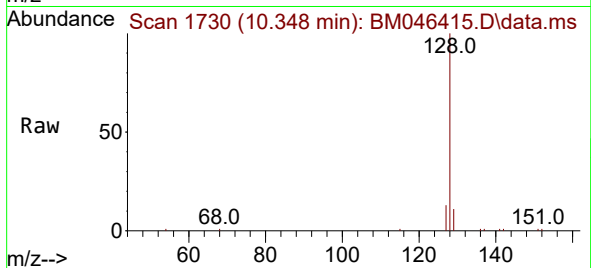
Tgt Ion:128 Resp: 25350

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

127 13.4 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.212 ng/ul

RT: 11.976 min Scan# 2026

Delta R.T. -0.004 min

Lab File: BM046415.D

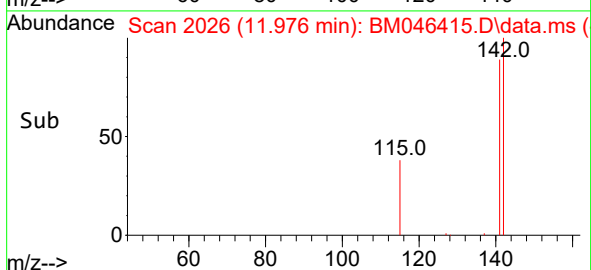
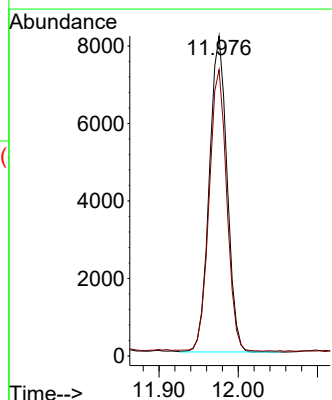
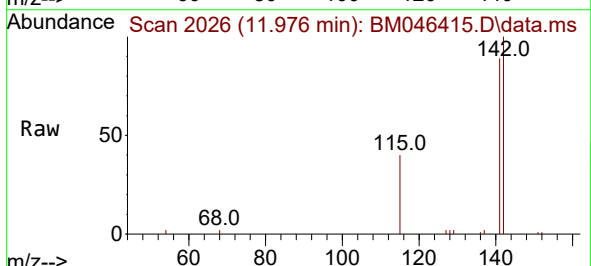
Acq: 06 Jul 2024 12:44

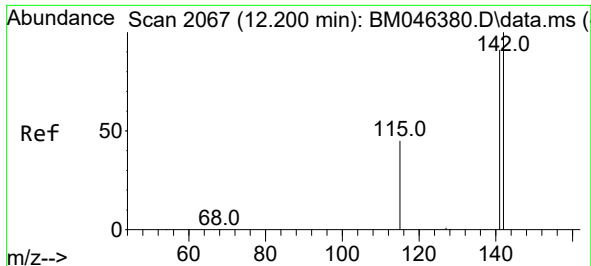
Tgt Ion:142 Resp: 12666

Ion Ratio Lower Upper

142 100

141 88.3 69.8 104.6

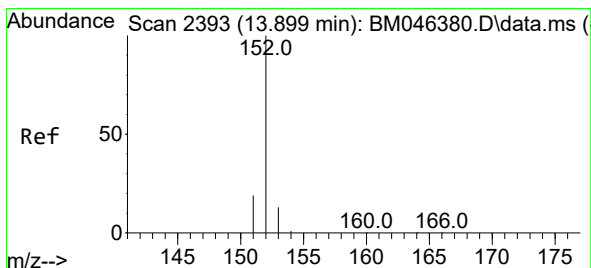
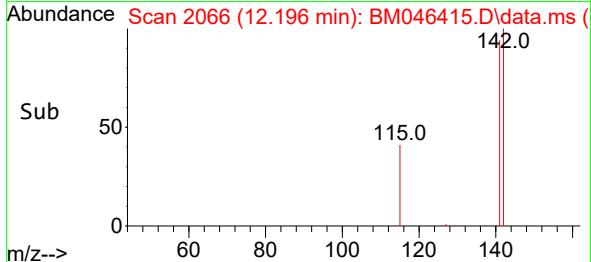
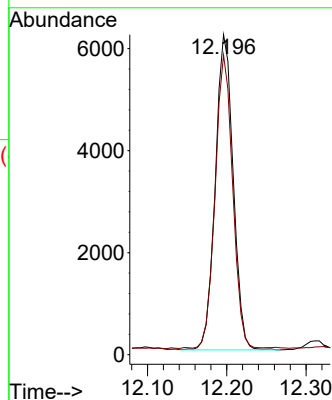
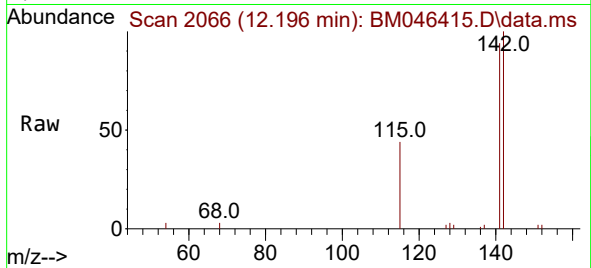




#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046415.D
Acq: 06 Jul 2024 12:44

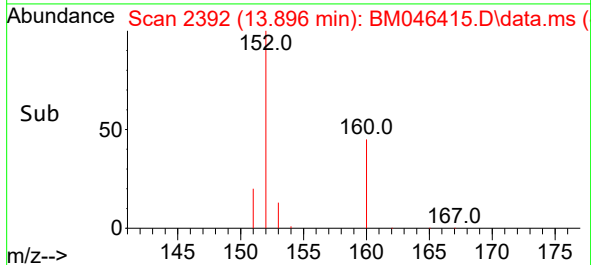
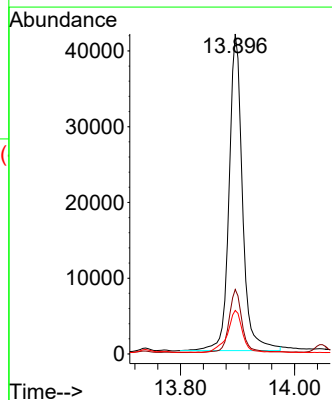
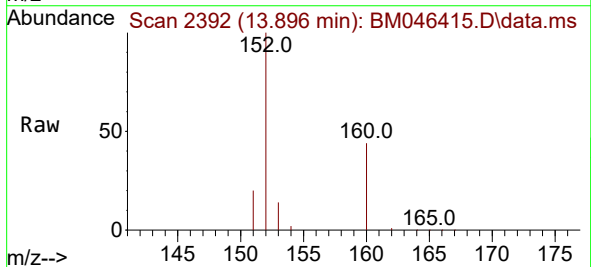
Instrument :
BNA_M
ClientSampleId :
A4CF2

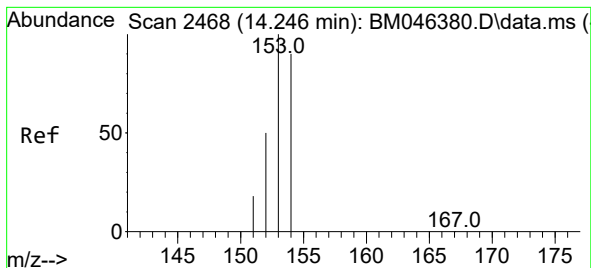
Tgt Ion:142 Resp: 9678
Ion Ratio Lower Upper
142 100
141 91.2 72.4 108.6



#10
Acenaphthylene
Concen: 0.682 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046415.D
Acq: 06 Jul 2024 12:44

Tgt Ion:152 Resp: 68294
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.6 11.0 16.6





#11

Acenaphthene

Concen: 0.430 ng/ul

RT: 14.243 min Scan# 2467

Delta R.T. -0.003 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

Instrument :

BNA_M

ClientSampleId :

A4CF2

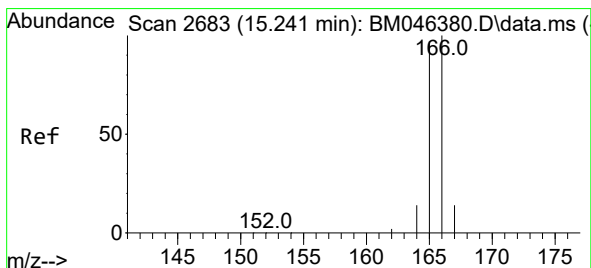
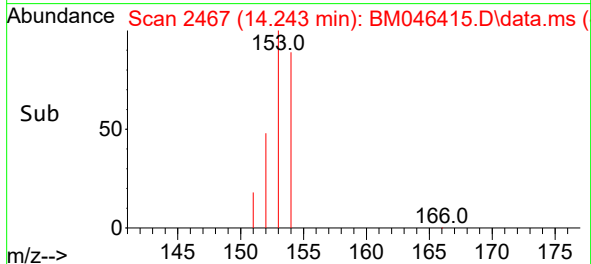
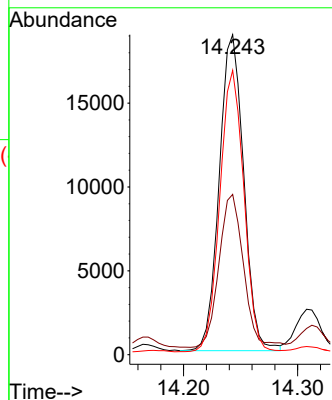
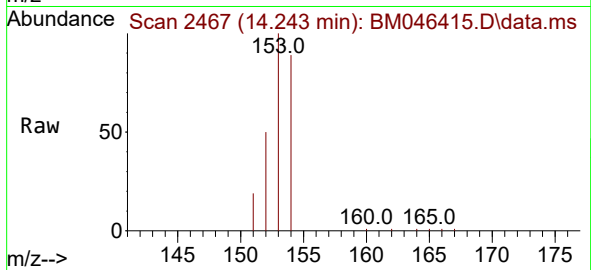
Tgt Ion:153 Resp: 28070

Ion Ratio Lower Upper

153 100

152 50.1 40.4 60.6

154 88.8 72.1 108.1



#12

Fluorene

Concen: 0.457 ng/ul

RT: 15.238 min Scan# 2682

Delta R.T. -0.003 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

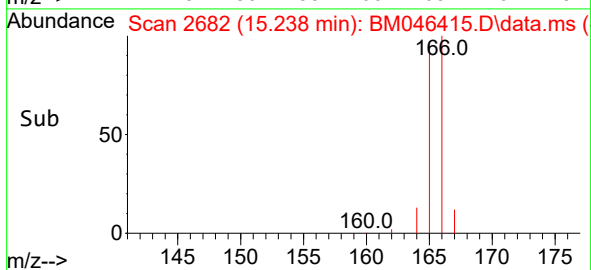
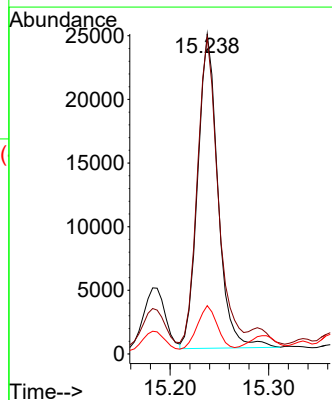
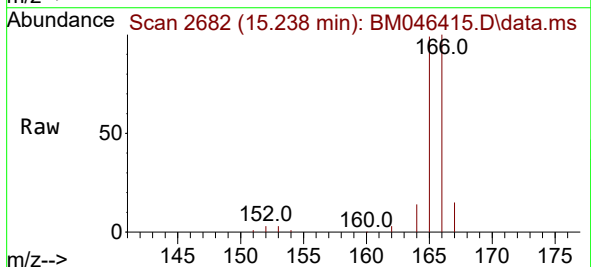
Tgt Ion:166 Resp: 35256

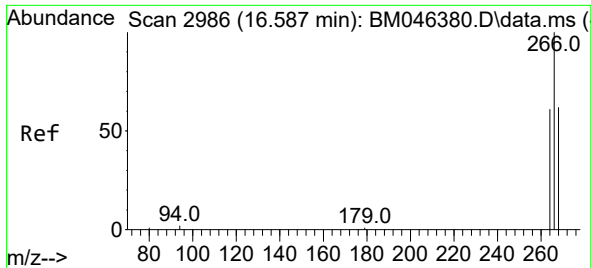
Ion Ratio Lower Upper

166 100

165 99.0 78.0 117.0

167 15.1 11.4 17.0

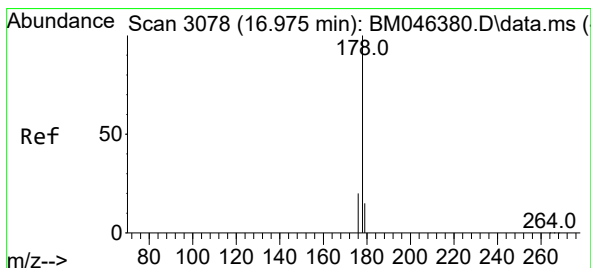
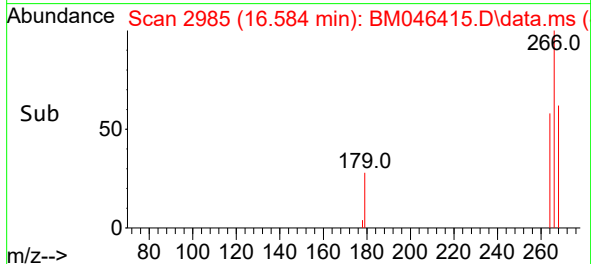
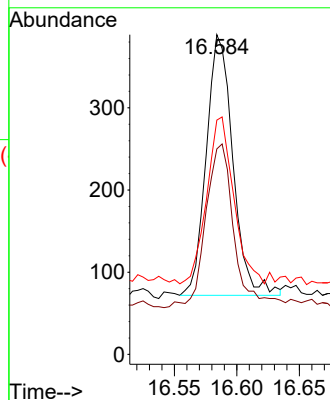
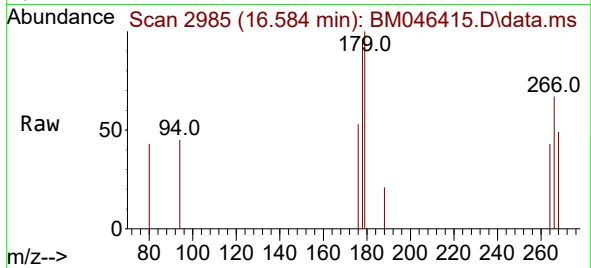




#14
Pentachlorophenol
Concen: 0.043 ng/ul
RT: 16.584 min Scan# 2986
Delta R.T. -0.003 min
Lab File: BM046415.D
Acq: 06 Jul 2024 12:44

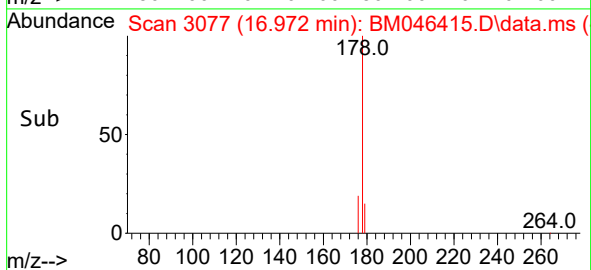
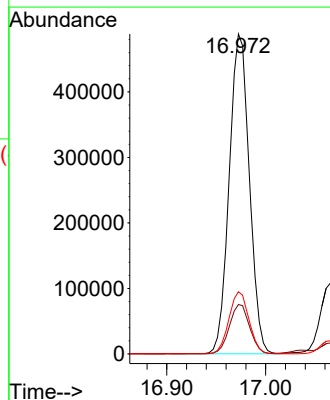
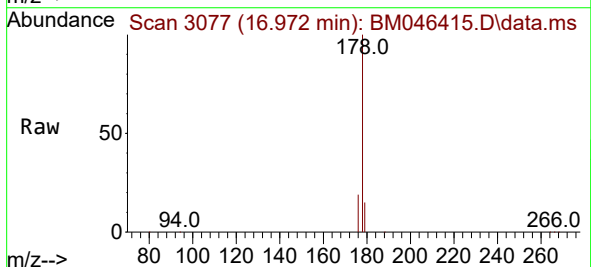
Instrument :
BNA_M
ClientSampleId :
A4CF2

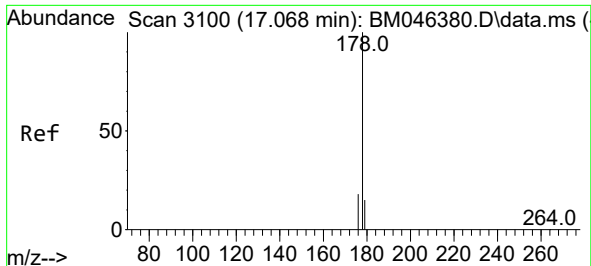
Tgt Ion:266 Resp: 469
Ion Ratio Lower Upper
266 100
264 69.5 51.0 76.6
268 64.4 50.8 76.2



#15
Phenanthrene
Concen: 6.126 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046415.D
Acq: 06 Jul 2024 12:44

Tgt Ion:178 Resp: 687761
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.5 16.0 24.0

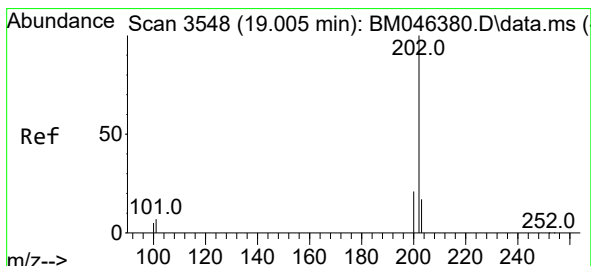
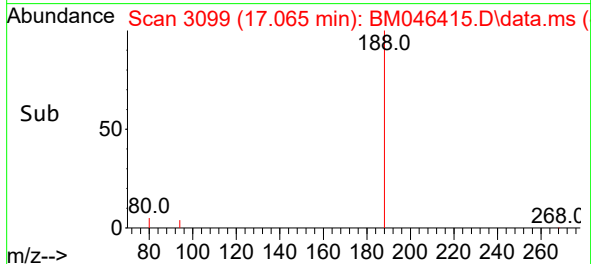
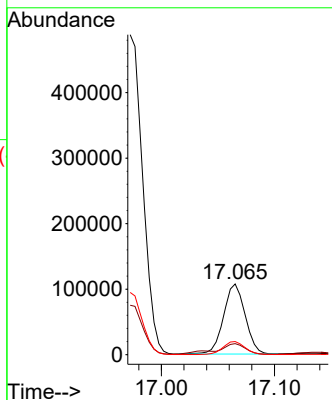
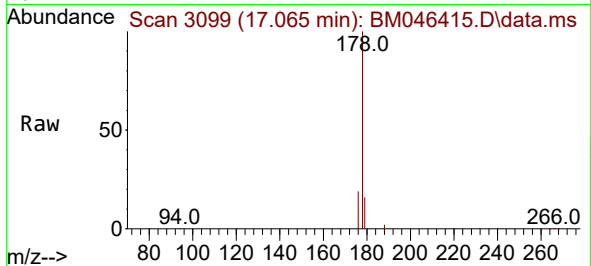




#16
 Anthracene
 Concen: 1.304 ng/ul
 RT: 17.065 min Scan# 3099
 Delta R.T. -0.003 min
 Lab File: BM046415.D
 Acq: 06 Jul 2024 12:44

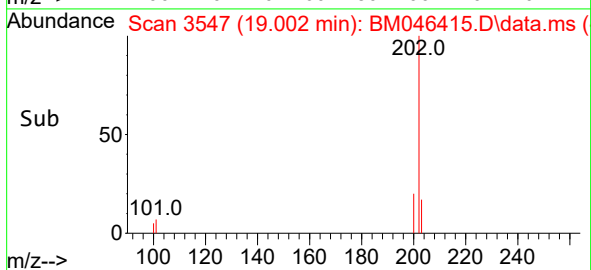
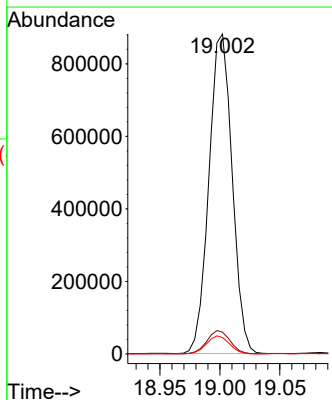
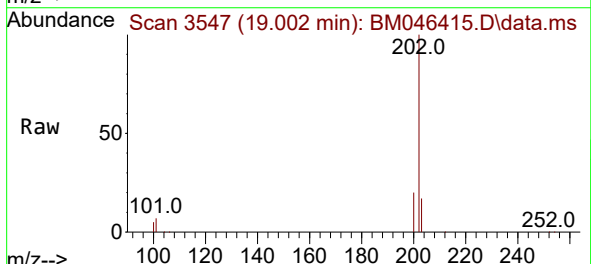
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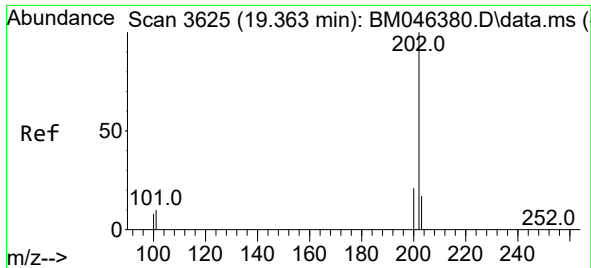
Tgt Ion:178 Resp: 142055
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 18.8
 176 18.6 14.9 22.3



#19
 Fluoranthene
 Concen: 17.788 ng/ul
 RT: 19.002 min Scan# 3547
 Delta R.T. -0.003 min
 Lab File: BM046415.D
 Acq: 06 Jul 2024 12:44

Tgt Ion:202 Resp: 1188004
 Ion Ratio Lower Upper
 202 100
 101 6.8 6.3 9.5
 100 5.1 5.0 7.6

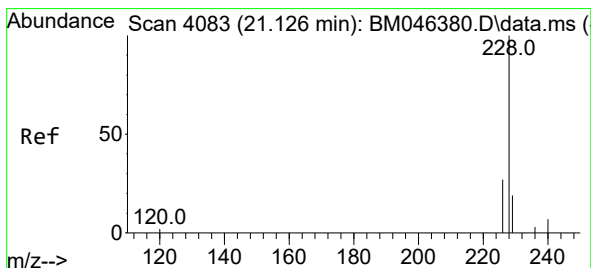
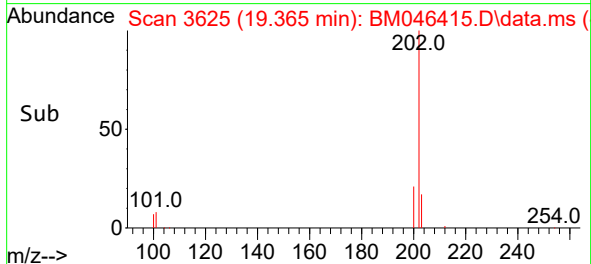
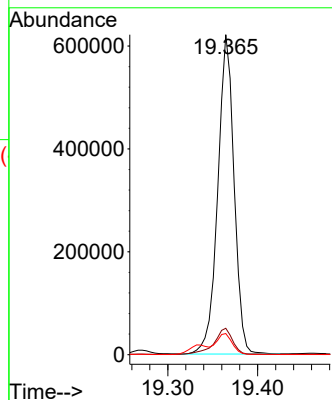
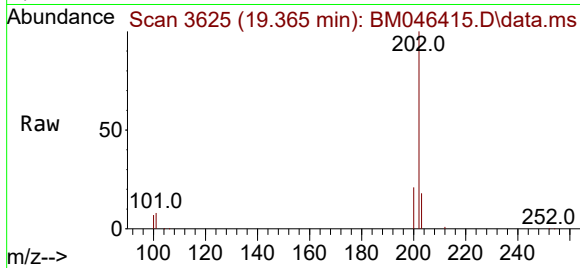




#20
Pyrene
Concen: 11.344 ng/ul
RT: 19.365 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM046415.D
Acq: 06 Jul 2024 12:44

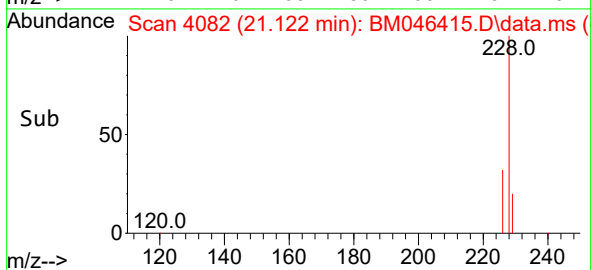
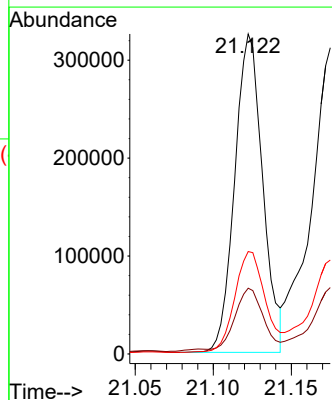
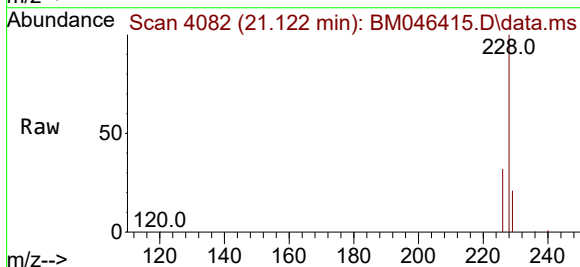
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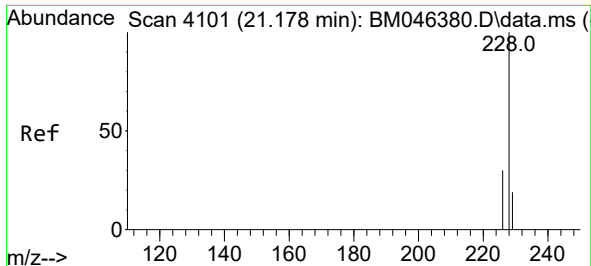
Tgt Ion:202 Resp: 779541
Ion Ratio Lower Upper
202 100
101 8.2 8.2 12.4#
100 6.6 6.9 10.3#



#21
Benzo(a)anthracene
Concen: 6.859 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046415.D
Acq: 06 Jul 2024 12:44

Tgt Ion:228 Resp: 404945
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 32.0 22.0 33.0





#22

Chrysene

Concen: 7.483 ng/ul

RT: 21.175 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

Instrument :

BNA_M

ClientSampleId :

A4CF2

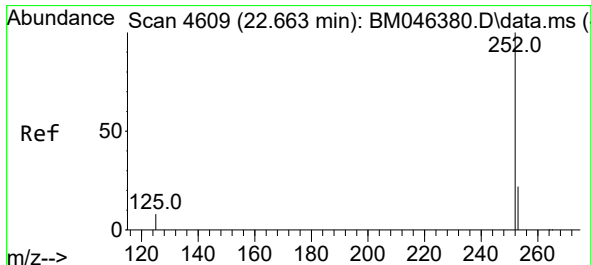
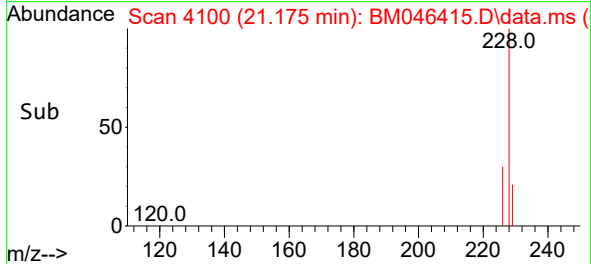
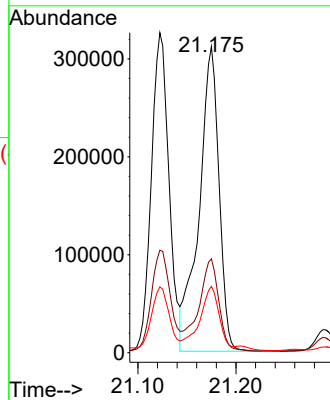
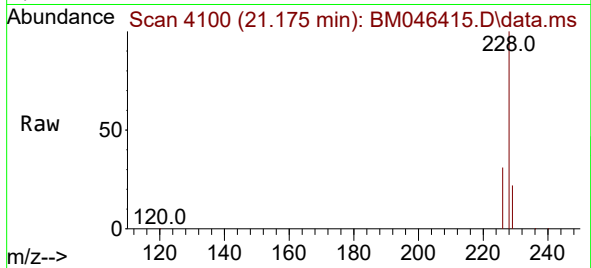
Tgt Ion:228 Resp: 439244

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 21.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 12.299 ng/ul

RT: 22.659 min Scan# 4608

Delta R.T. -0.003 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

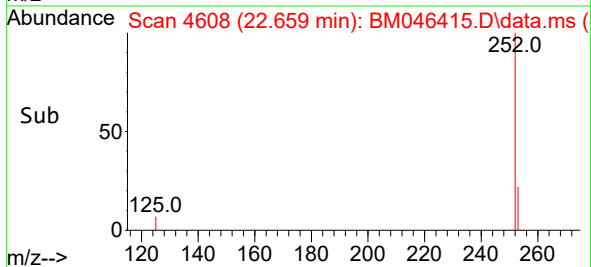
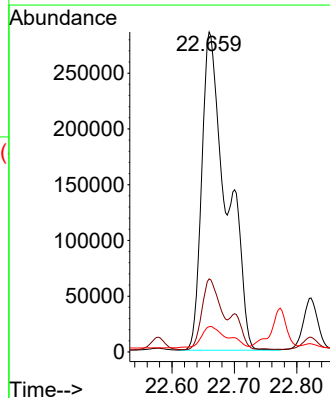
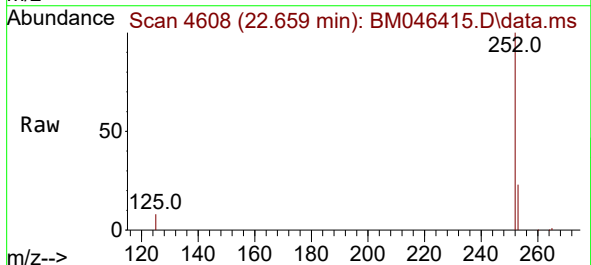
Tgt Ion:252 Resp: 791707

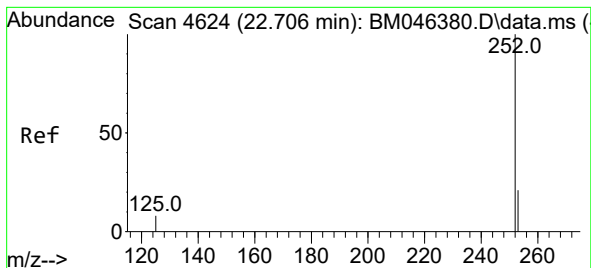
Ion Ratio Lower Upper

252 100

253 22.8 0.0 47.0

125 7.9 0.0 18.4





#25

Benzo(k)fluoranthene

Concen: 12.184 ng/ul

RT: 22.659 min Scan# 4

Delta R.T. -0.047 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

Instrument :

BNA_M

ClientSampleId :

A4CF2

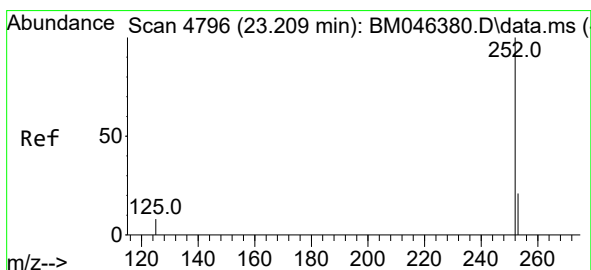
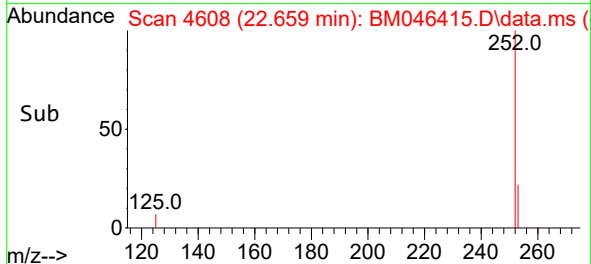
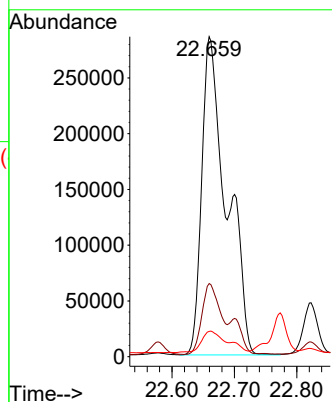
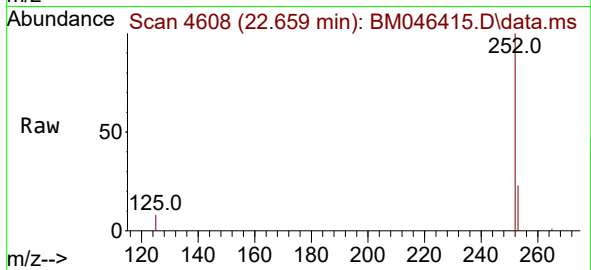
Tgt Ion:252 Resp: 791707

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

125 7.9 7.5 11.3



#26

Benzo(a)pyrene

Concen: 4.084 ng/ul

RT: 23.206 min Scan# 4795

Delta R.T. -0.003 min

Lab File: BM046415.D

Acq: 06 Jul 2024 12:44

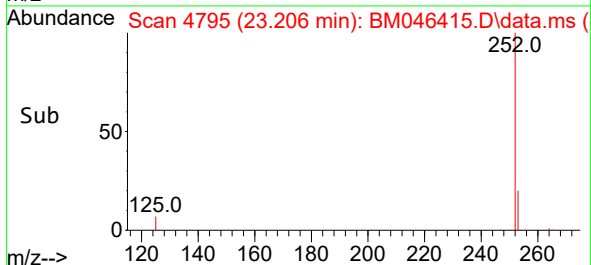
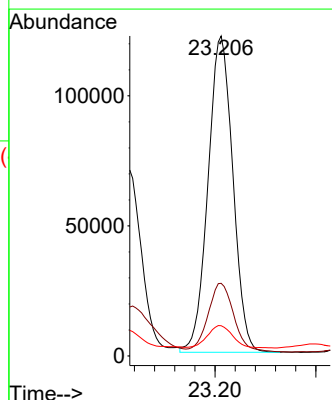
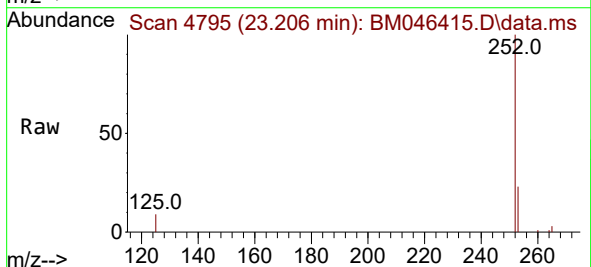
Tgt Ion:252 Resp: 207796

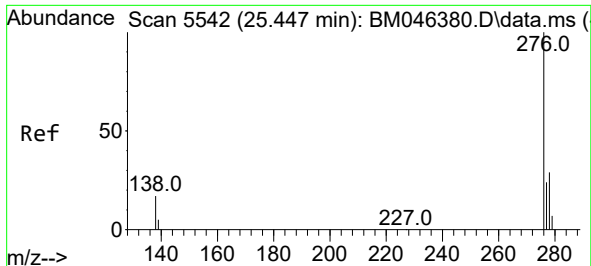
Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

125 9.4 8.1 12.1

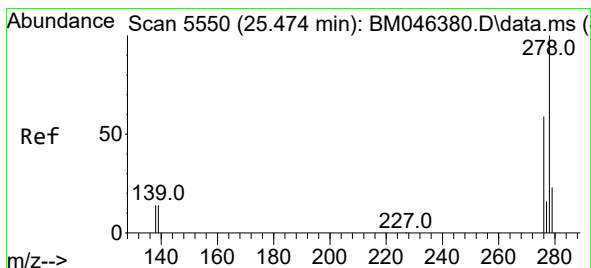
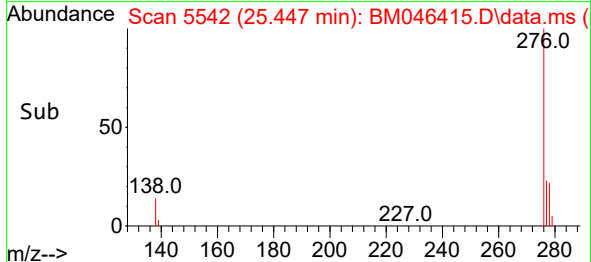
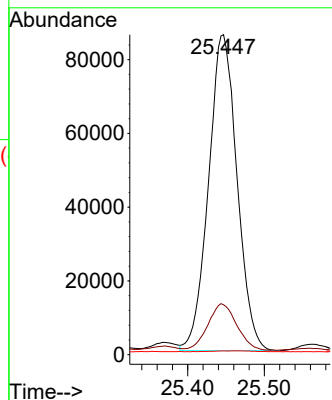
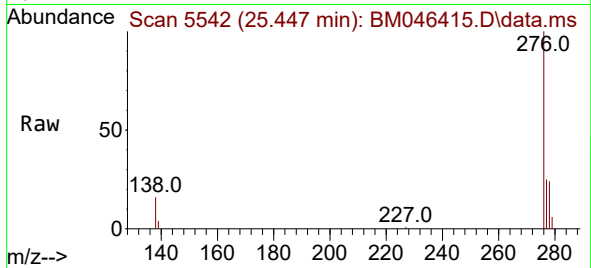




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.224 ng/ul
 RT: 25.447 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM046415.D
 Acq: 06 Jul 2024 12:44

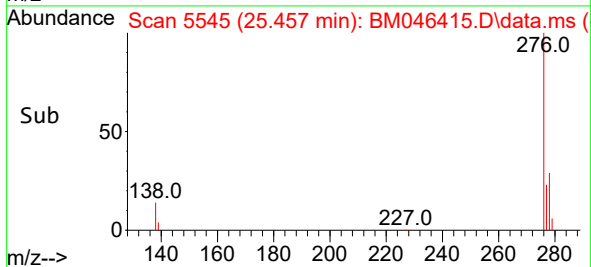
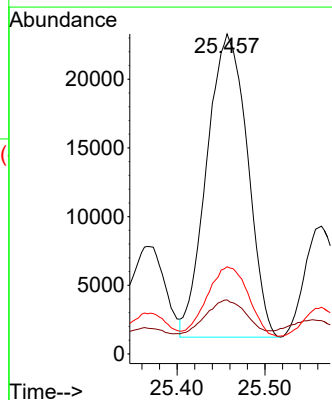
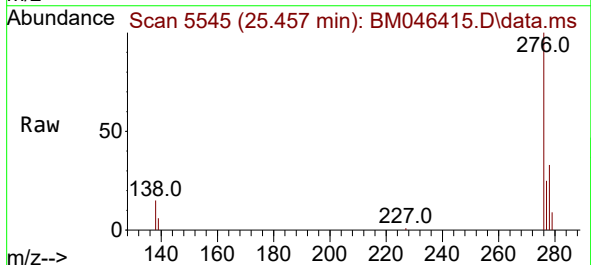
Instrument :
 BNA_M
 ClientSampleId :
 A4CF2

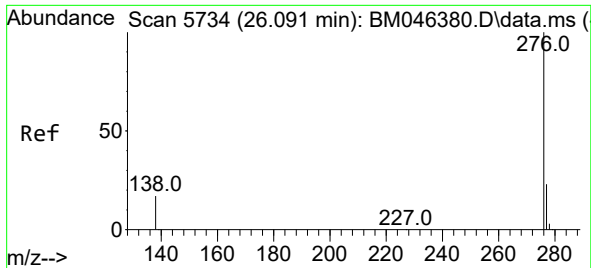
Tgt Ion:276 Resp: 221602
 Ion Ratio Lower Upper
 276 100
 138 14.9 15.7 23.5#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.331 ng/ul
 RT: 25.457 min Scan# 5545
 Delta R.T. -0.017 min
 Lab File: BM046415.D
 Acq: 06 Jul 2024 12:44

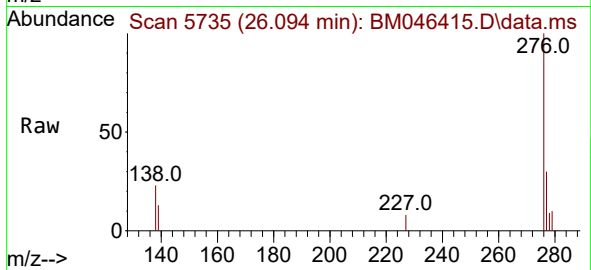
Tgt Ion:278 Resp: 70758
 Ion Ratio Lower Upper
 278 100
 139 16.9 12.6 18.8
 279 27.3 20.7 31.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.618 ng/ul
 RT: 26.094 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM046415.D
 Acq: 06 Jul 2024 12:44

Instrument :
 BNA_M
 ClientSampleId :
 A4CF2



Tgt Ion: 276 Resp: 33875
 Ion Ratio Lower Upper
 276 100
 138 23.4 15.4 23.0#
 277 30.0 19.7 29.5#

