

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046407.D
 Acq On : 06 Jul 2024 07:16
 Operator : MA/JU
 Sample : P3010-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW6

Quant Time: Jul 08 00:46:42 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

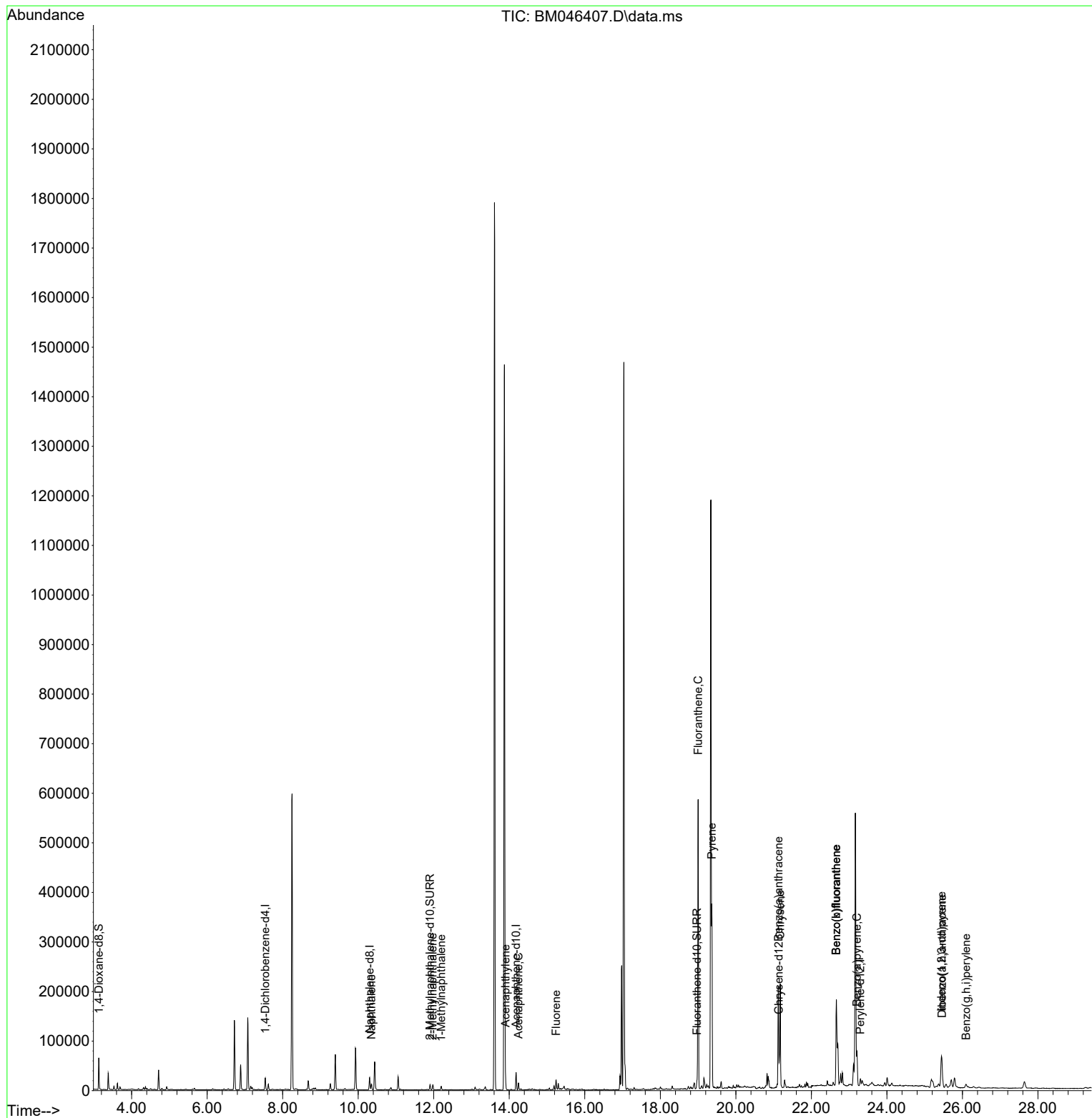
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	11233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	32541	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.181	164	18327	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.94
17) Chrysene-d12	21.140	240	14761	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	15177	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	34086	2.938	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	13450	0.279	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	17756	0.343	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	16194	0.187	ng/ul	100
7) 2-Methylnaphthalene	11.974	142	7213	0.123	ng/ul	99
8) 1-Methylnaphthalene	12.200	142	4881	0.081	ng/ul	100
10) Acenaphthylene	13.899	152	30971	0.333	ng/ul	100
11) Acenaphthene	14.242	153	8365	0.138	ng/ul	98
12) Fluorene	15.241	166	12439	0.174	ng/ul	98
19) Fluoranthene	19.001	202	489560	6.561	ng/ul	98
20) Pyrene	19.363	202	314000	4.090	ng/ul	96
21) Benzo(a)anthracene	21.126	228	164932	2.501	ng/ul	93
22) Chrysene	21.175	228	203146	3.098	ng/ul	98
24) Benzo(b)fluoranthene	22.660	252	363418	5.632	ng/ul	99
25) Benzo(k)fluoranthene	22.660	252	363418	5.580	ng/ul	100
26) Benzo(a)pyrene	23.206	252	90113	1.767	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.447	276	102142	1.483	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.461	278	32706	0.614	ng/ul#	87
29) Benzo(g,h,i)perylene	26.094	276	16123	0.293	ng/ul#	80

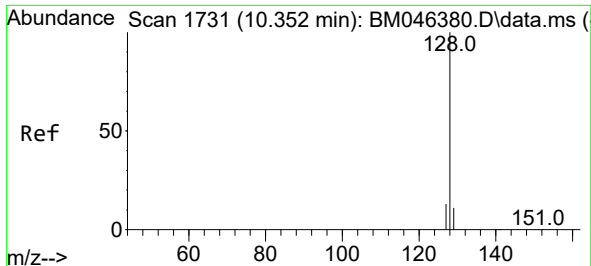
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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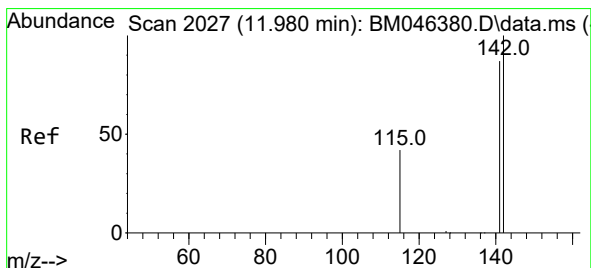
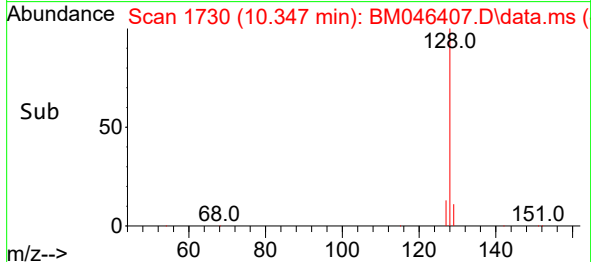
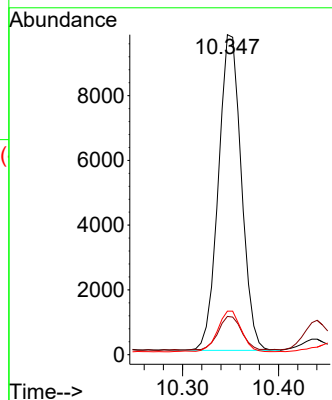
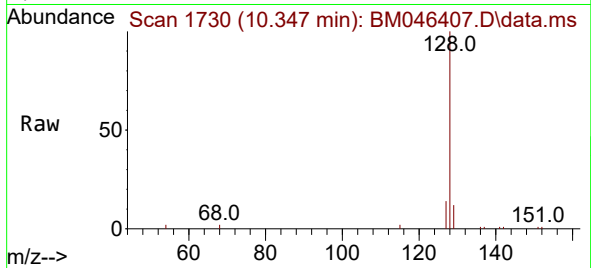




#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

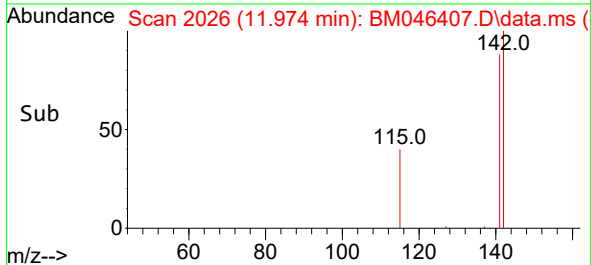
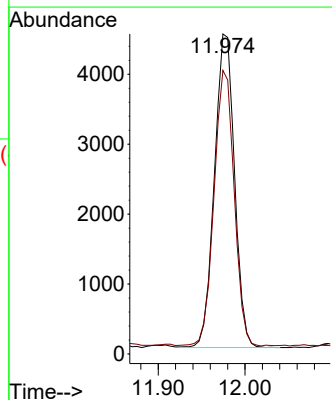
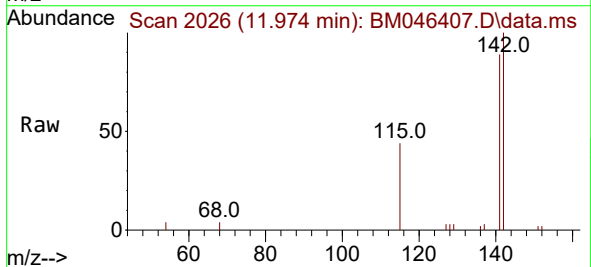
Instrument :
BNA_M
ClientSampleId :
A4CW6

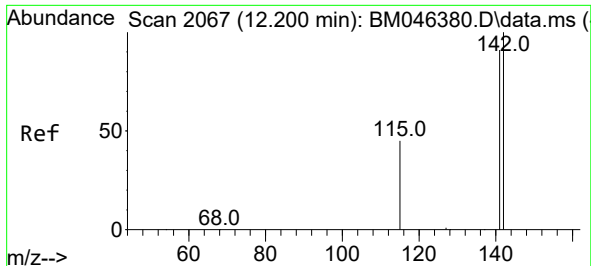
Tgt Ion:128 Resp: 16194
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.6 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Tgt Ion:142 Resp: 7213
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6

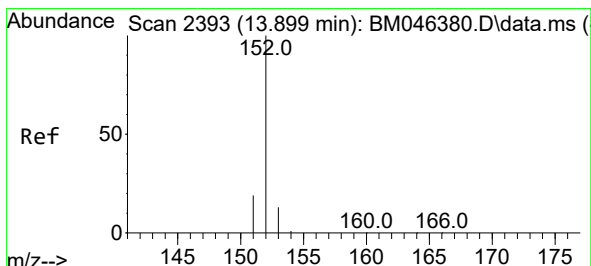
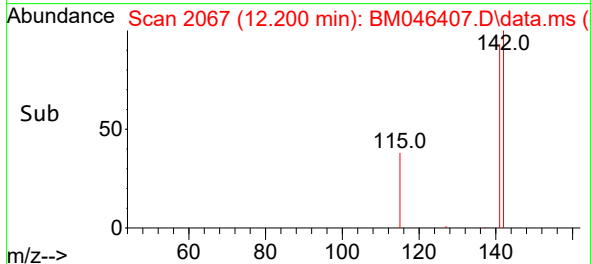
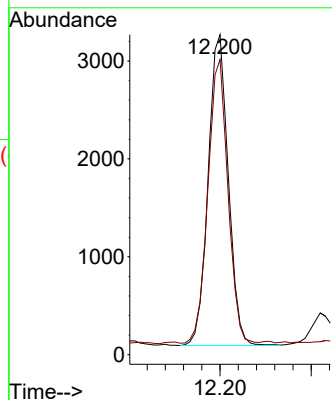
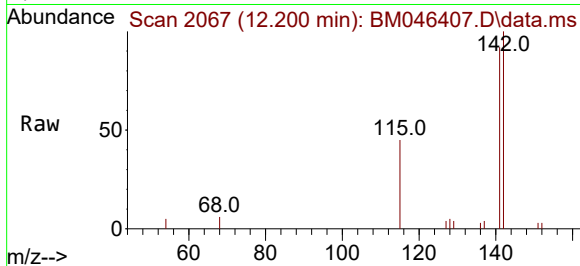




#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

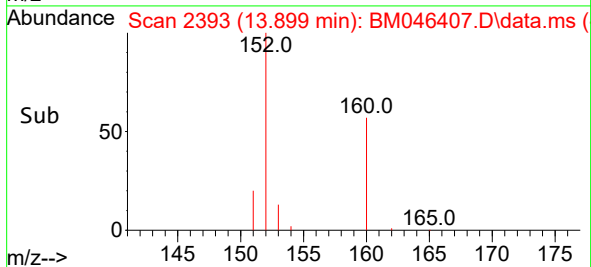
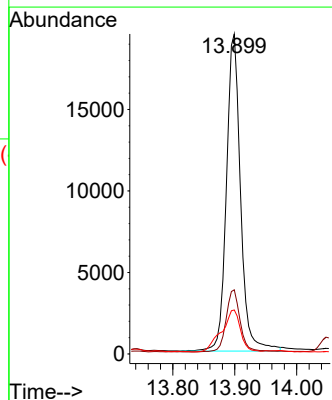
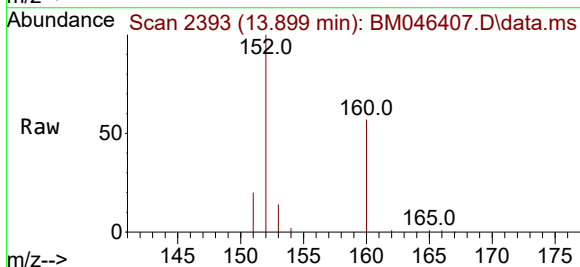
Instrument :
BNA_M
ClientSampleId :
A4CW6

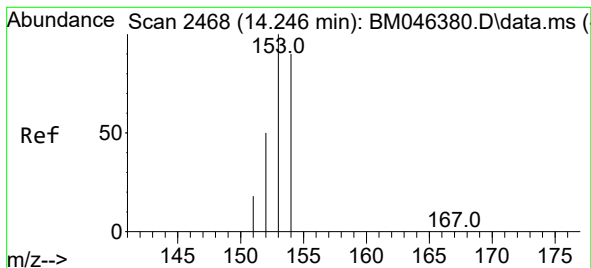
Tgt Ion:142 Resp: 4881
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6



#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.899 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Tgt Ion:152 Resp: 30971
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 11.0 16.6





#11

Acenaphthene

Concen: 0.138 ng/ul

RT: 14.242 min Scan# 2467

Delta R.T. -0.005 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

Instrument :

BNA_M

ClientSampleId :

A4CW6

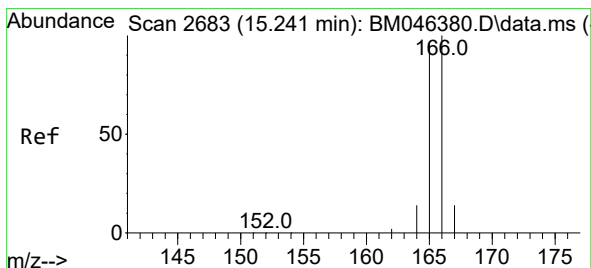
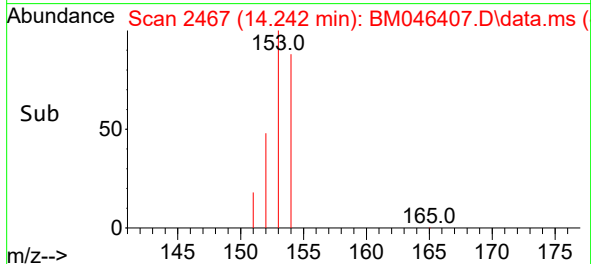
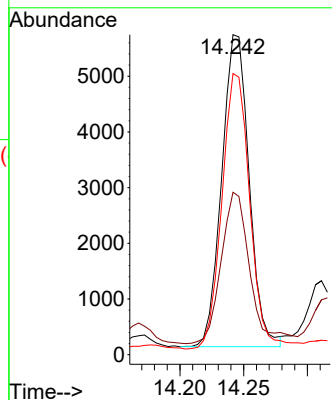
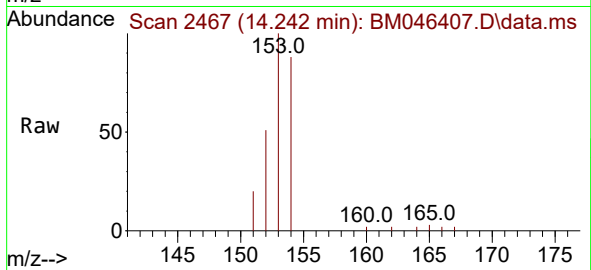
Tgt Ion:153 Resp: 8365

Ion Ratio Lower Upper

153 100

152 50.8 40.4 60.6

154 87.9 72.1 108.1



#12

Fluorene

Concen: 0.174 ng/ul

RT: 15.241 min Scan# 2683

Delta R.T. 0.000 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

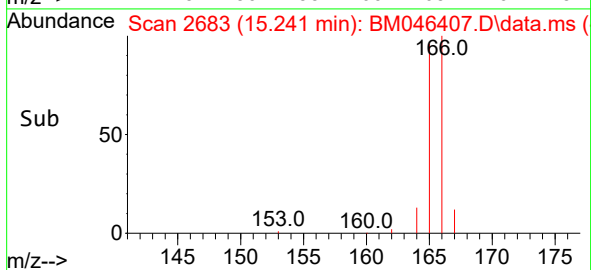
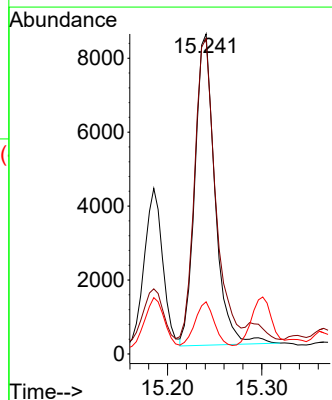
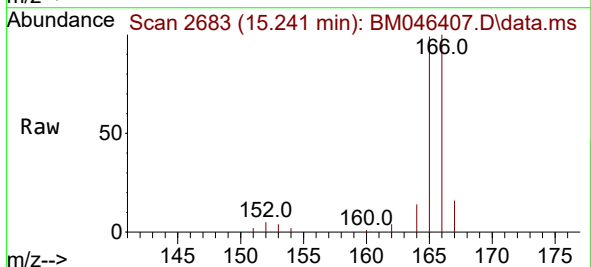
Tgt Ion:166 Resp: 12439

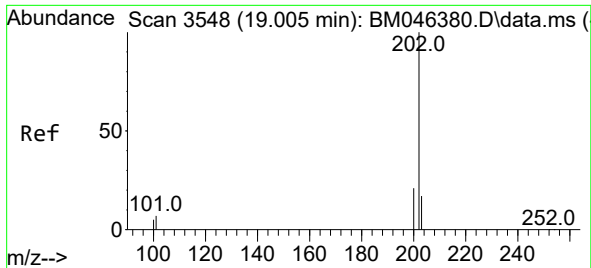
Ion Ratio Lower Upper

166 100

165 98.6 78.0 117.0

167 16.3 11.4 17.0

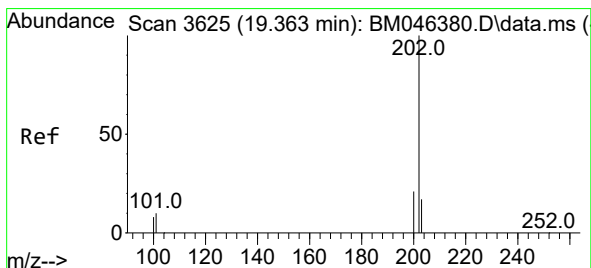
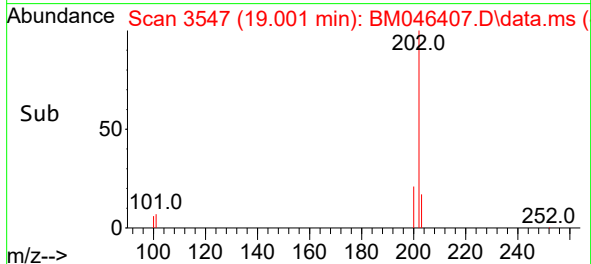
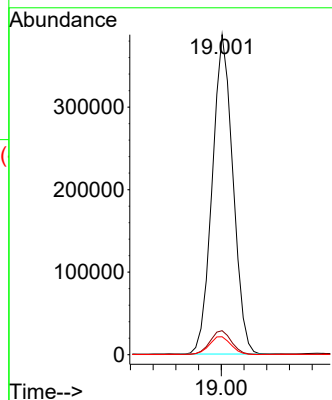
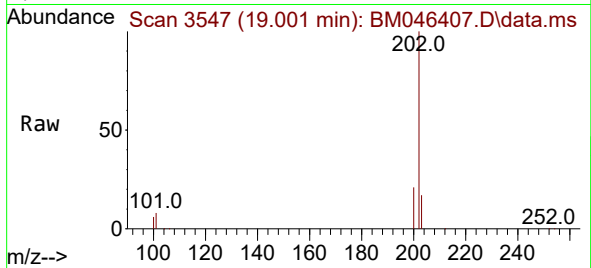




#19
Fluoranthene
Concen: 6.561 ng/ul
RT: 19.001 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

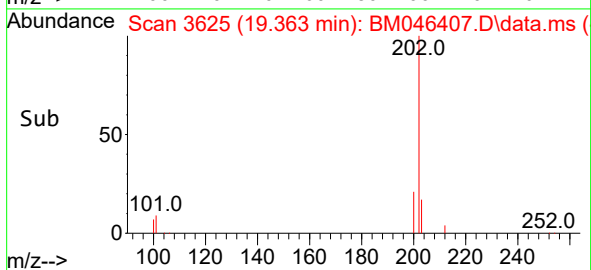
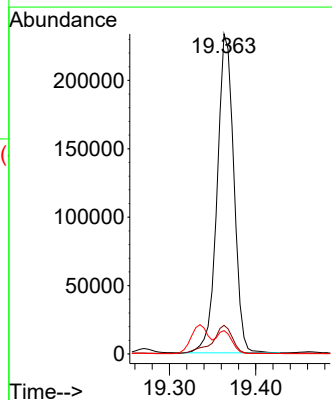
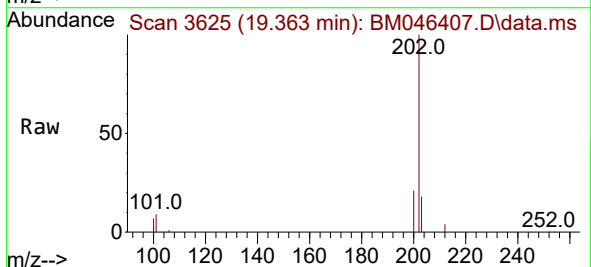
Instrument :
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ClientSampleId :
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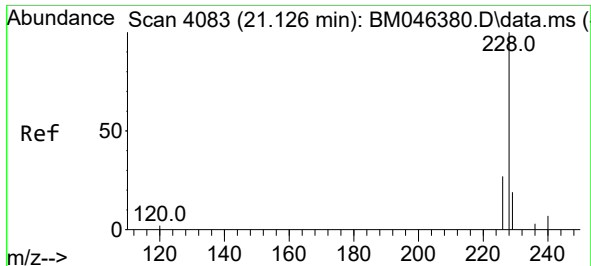
Tgt Ion:202 Resp: 489560
Ion Ratio Lower Upper
202 100
101 7.5 6.3 9.5
100 5.6 5.0 7.6



#20
Pyrene
Concen: 4.090 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

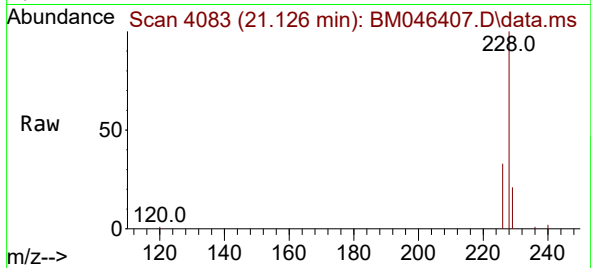
Tgt Ion:202 Resp: 314000
Ion Ratio Lower Upper
202 100
101 8.9 8.2 12.4
100 7.3 6.9 10.3



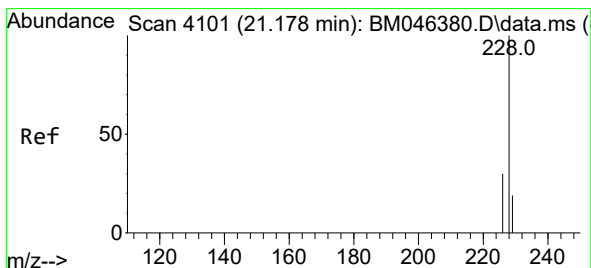
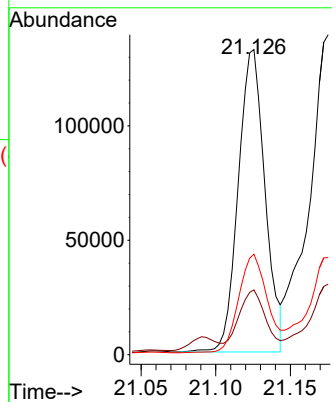
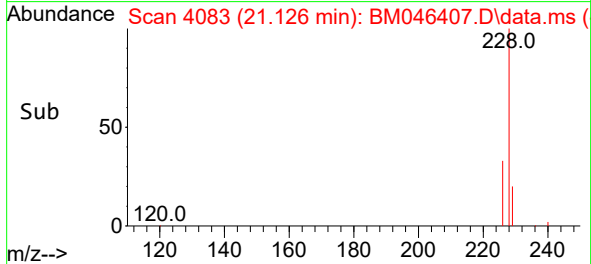


#21
Benzo(a)anthracene
Concen: 2.501 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Instrument :
BNA_M
ClientSampleId :
A4CW6

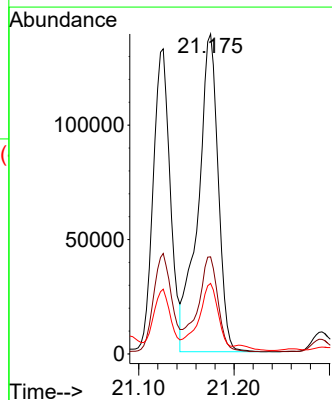
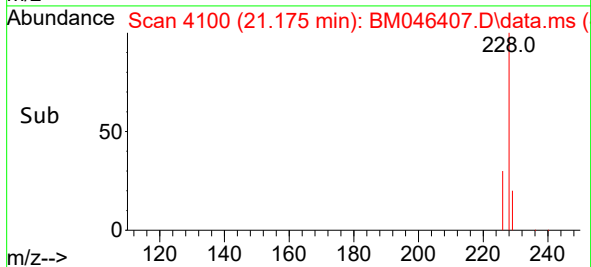
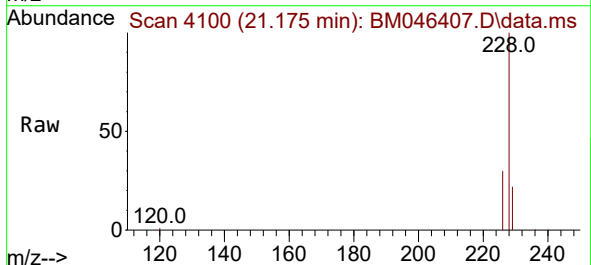


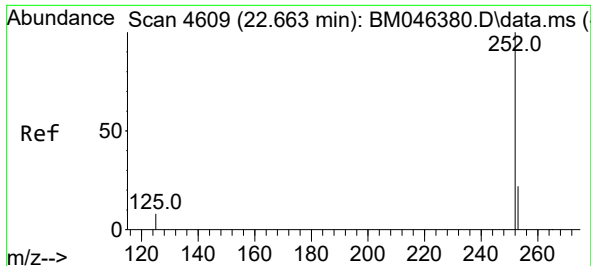
Tgt Ion:228 Resp: 164932
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 33.0 22.0 33.0



#22
Chrysene
Concen: 3.098 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Tgt Ion:228 Resp: 203146
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 22.0 15.8 23.6

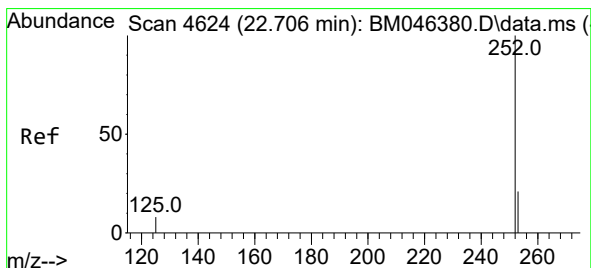
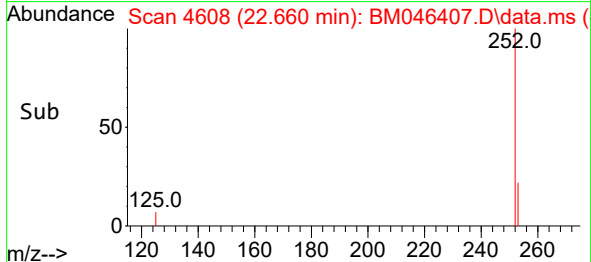
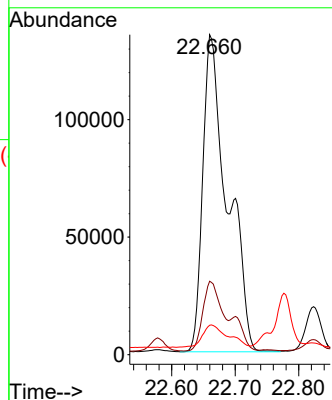
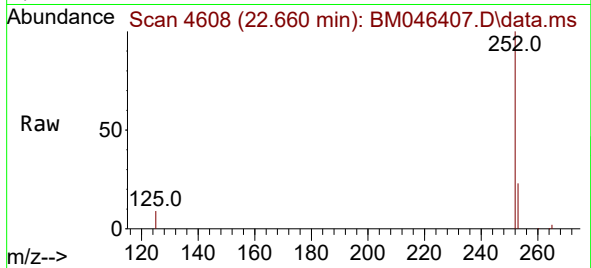




#24
Benzo(b)fluoranthene
Concen: 5.632 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

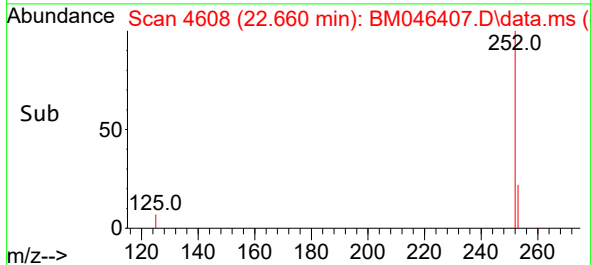
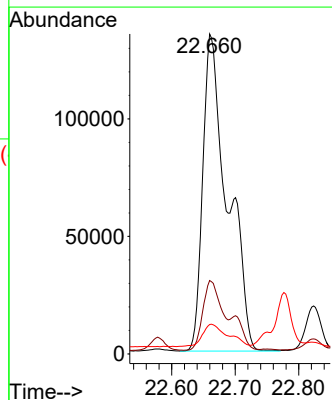
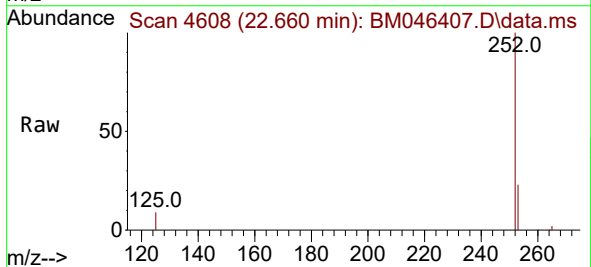
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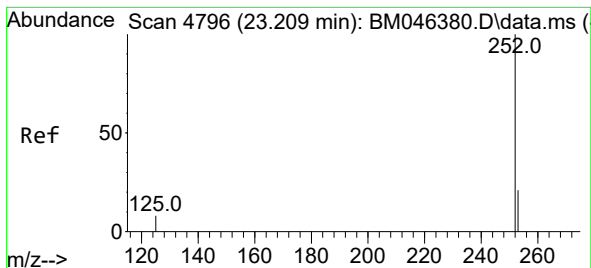
Tgt Ion:252 Resp: 363418
Ion Ratio Lower Upper
252 100
253 23.0 0.0 47.0
125 9.2 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 5.580 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Tgt Ion:252 Resp: 363418
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 9.2 7.5 11.3





#26

Benzo(a)pyrene

Concen: 1.767 ng/ul

RT: 23.206 min Scan# 4795

Delta R.T. -0.003 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

Instrument :

BNA_M

ClientSampleId :

A4CW6

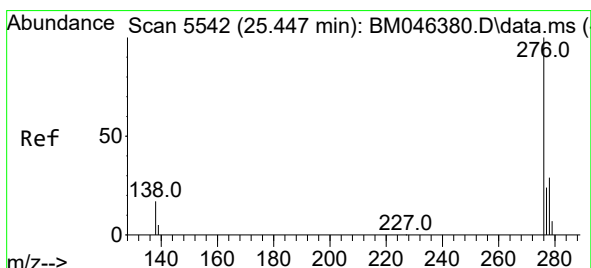
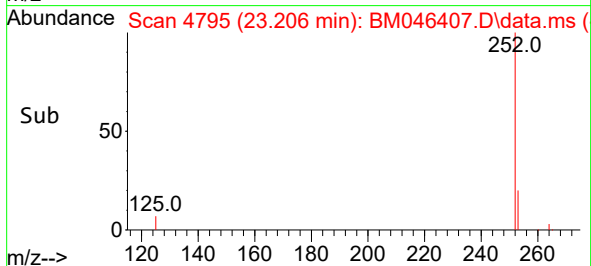
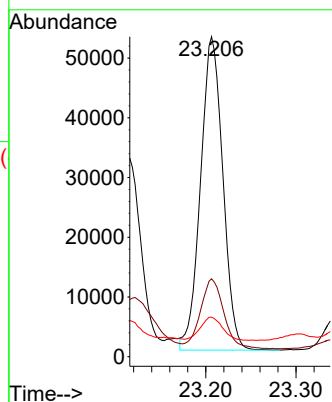
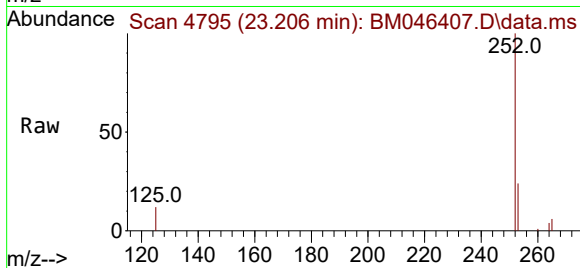
Tgt Ion:252 Resp: 90113

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

125 12.3 8.1 12.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.483 ng/ul

RT: 25.447 min Scan# 5542

Delta R.T. 0.000 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

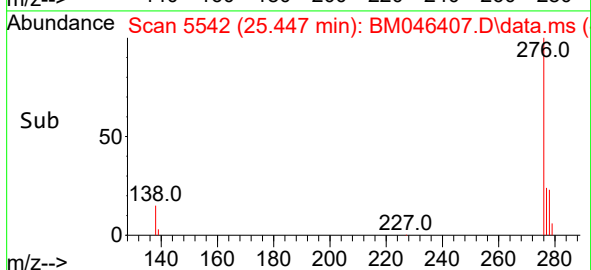
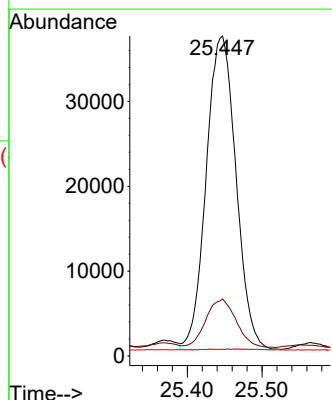
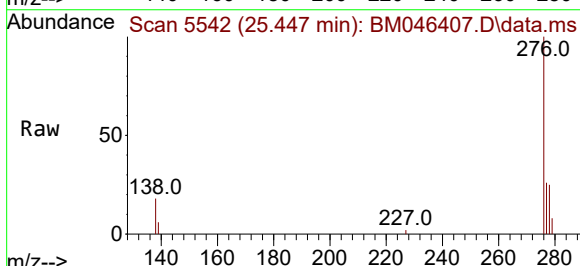
Tgt Ion:276 Resp: 102142

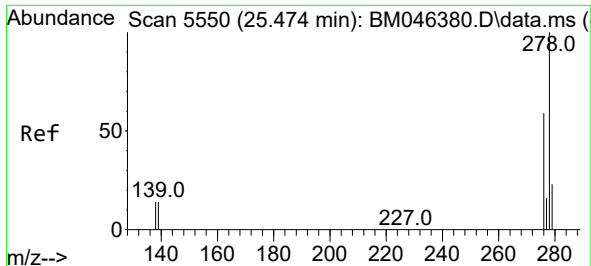
Ion Ratio Lower Upper

276 100

138 15.7 15.7 23.5#

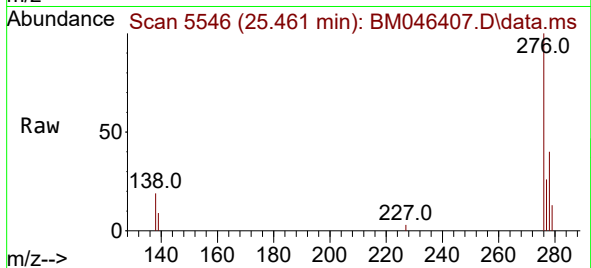
227 0.2 0.1 0.1#



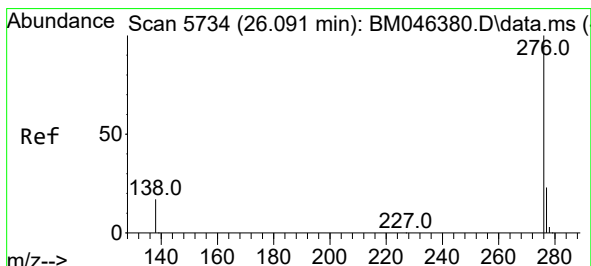
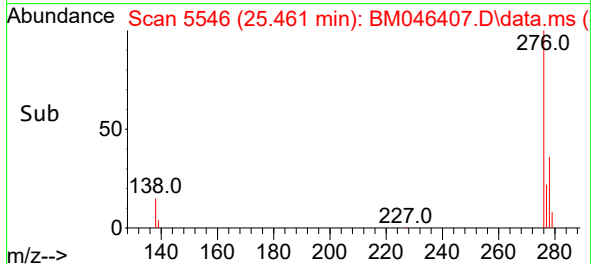
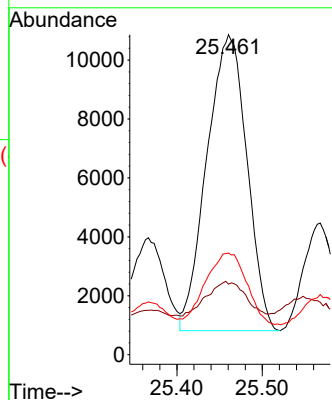


#28
Dibenzo(a,h)anthracene
Concen: 0.614 ng/ul
RT: 25.461 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Instrument :
BNA_M
ClientSampleId :
A4CW6



Tgt Ion:278 Resp: 32706
Ion Ratio Lower Upper
278 100
139 22.0 12.6 18.8#
279 31.8 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. 0.003 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Tgt Ion:276 Resp: 16123
Ion Ratio Lower Upper
276 100
138 29.1 15.4 23.0#
277 33.6 19.7 29.5#

