

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046406.D
 Acq On : 06 Jul 2024 06:39
 Operator : MA/JU
 Sample : P3010-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW3

Quant Time: Jul 08 00:46:30 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)

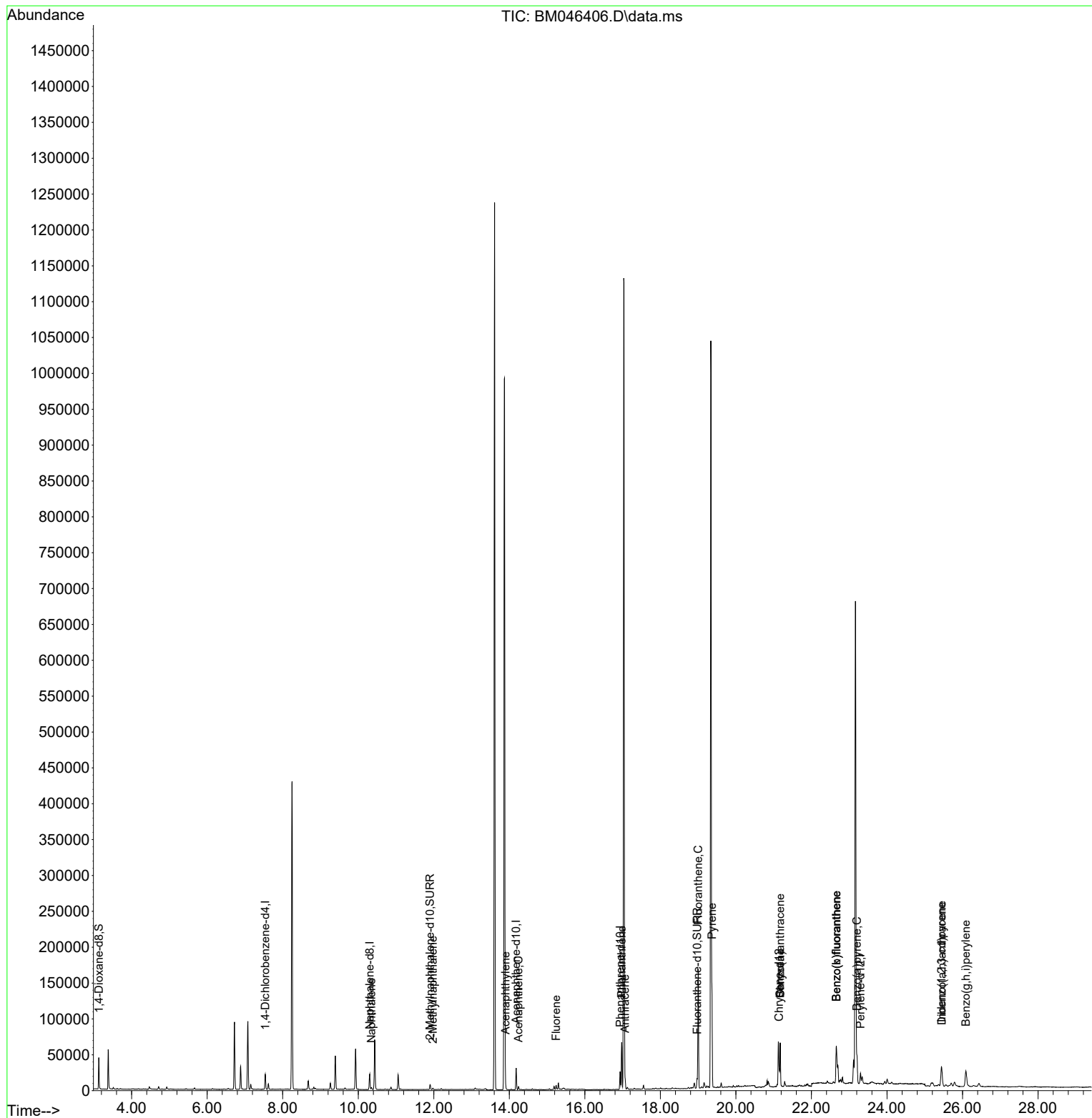
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	10056	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	28656	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	15915	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	29969	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	14716	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	15245	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	22923	2.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	8951	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	13187	0.256	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.347	128	3607	0.047	ng/ul#	90
7) 2-Methylnaphthalene	11.975	142	1457	0.028	ng/ul	98
10) Acenaphthylene	13.899	152	10464	0.130	ng/ul	97
11) Acenaphthene	14.242	153	2670	0.051	ng/ul	96
12) Fluorene	15.241	166	3758	0.060	ng/ul#	95
15) Phenanthrene	16.975	178	69196	0.771	ng/ul	99
16) Anthracene	17.064	178	14128	0.162	ng/ul	96
19) Fluoranthene	19.001	202	146215	1.966	ng/ul	99
20) Pyrene	19.363	202	115958	1.515	ng/ul	97
21) Benzo(a)anthracene	21.172	228	59716	0.908	ng/ul	92
22) Chrysene	21.172	228	60099	0.919	ng/ul	95
24) Benzo(b)fluoranthene	22.660	252	113515	1.751	ng/ul	95
25) Benzo(k)fluoranthene	22.660	252	113515	1.735	ng/ul#	94
26) Benzo(a)pyrene	23.204	252	49049	0.957	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.441	276	45058	0.651	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.454	278	10254	0.192	ng/ul#	53
29) Benzo(g,h,i)perylene	26.088	276	44885	0.813	ng/ul	96

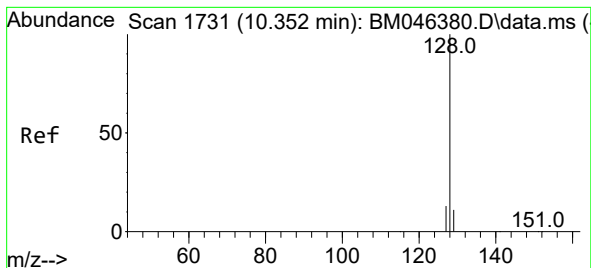
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Naphthalene

Concen: 0.047 ng/ul

RT: 10.347 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046406.D

Acq: 06 Jul 2024 06:39

Instrument :

BNA_M

ClientSampleId :

A4CW3

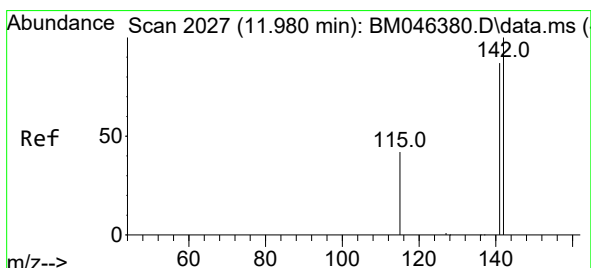
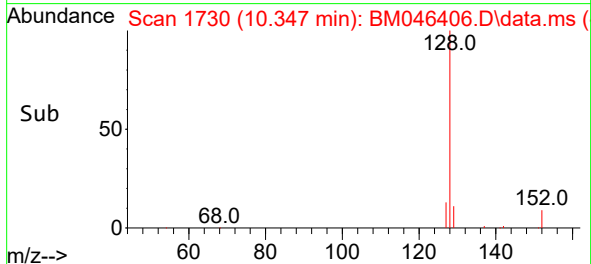
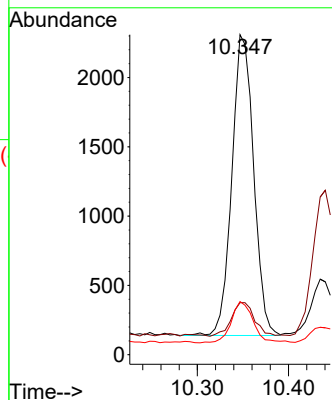
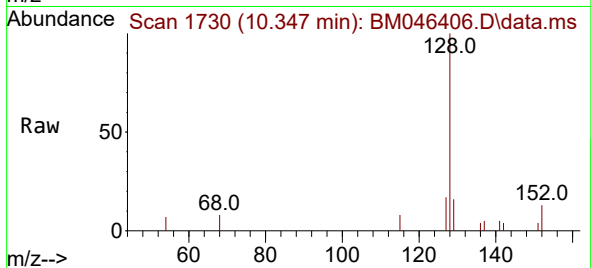
Tgt Ion:128 Resp: 3607

Ion Ratio Lower Upper

128 100

129 16.3 9.4 14.0#

127 16.6 10.8 16.2#



#7

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 11.975 min Scan# 2026

Delta R.T. -0.005 min

Lab File: BM046406.D

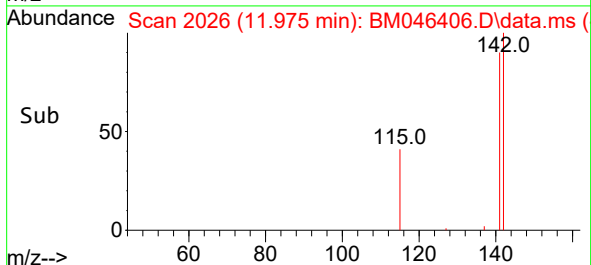
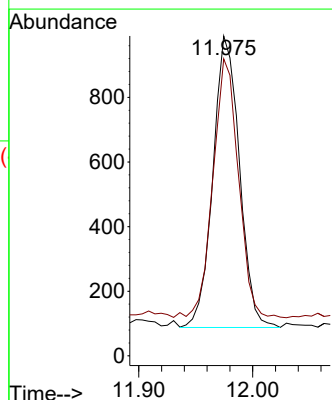
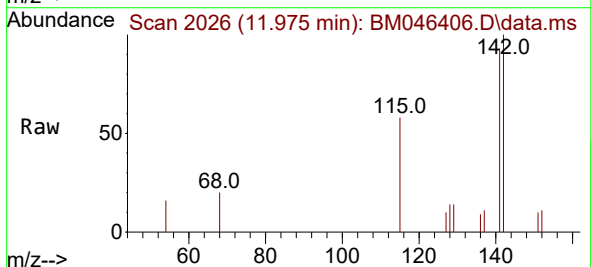
Acq: 06 Jul 2024 06:39

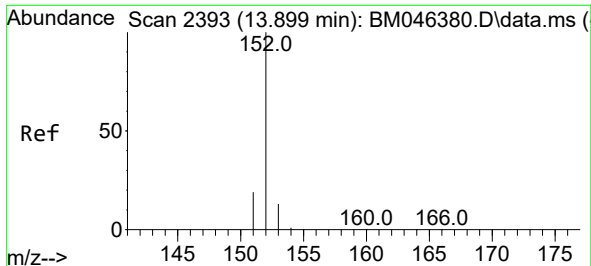
Tgt Ion:142 Resp: 1457

Ion Ratio Lower Upper

142 100

141 85.4 69.8 104.6

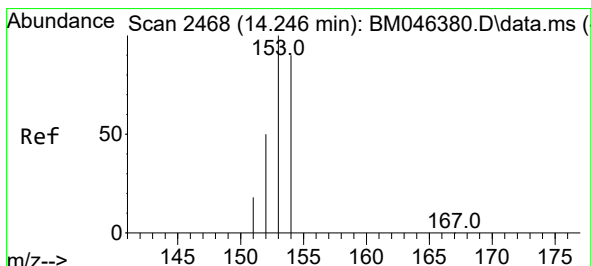
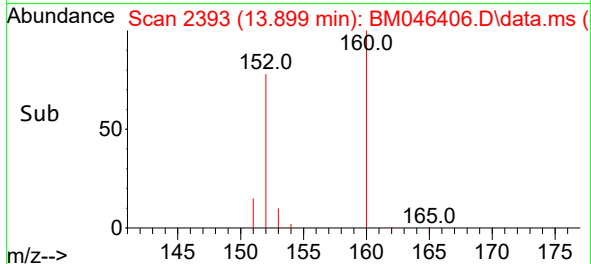
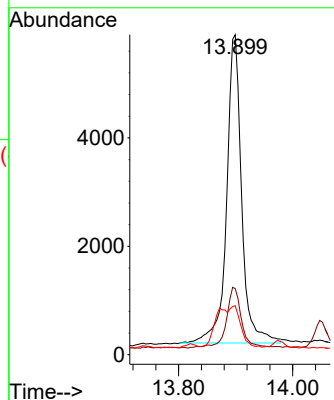
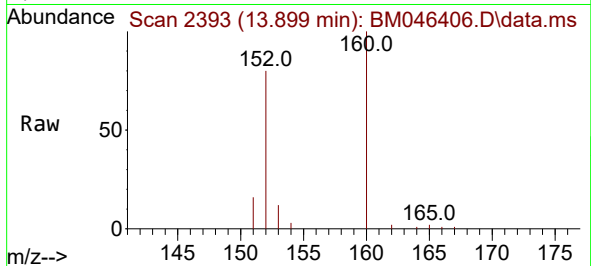




#10
Acenaphthylene
Concen: 0.130 ng/ul
RT: 13.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

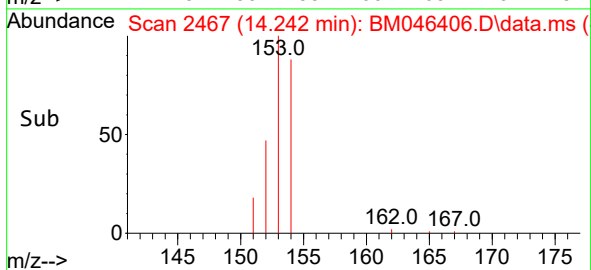
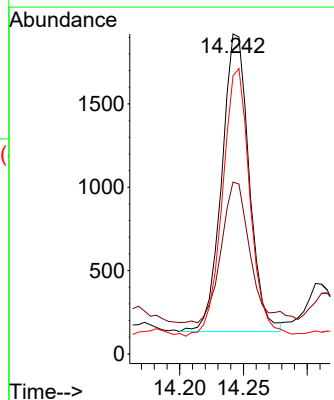
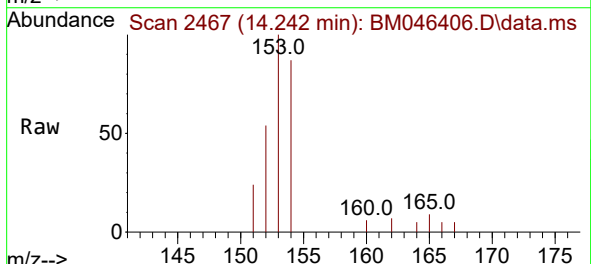
Instrument :
BNA_M
ClientSampleId :
A4CW3

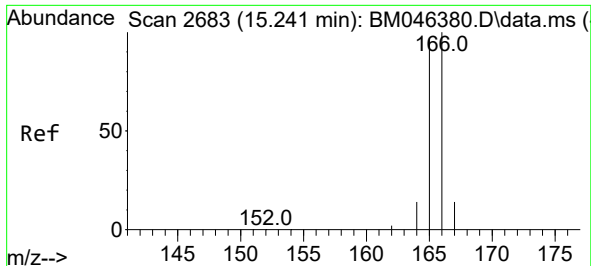
Tgt Ion:152 Resp: 10464
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 15.3 11.0 16.6



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Tgt Ion:153 Resp: 2670
Ion Ratio Lower Upper
153 100
152 53.7 40.4 60.6
154 86.9 72.1 108.1

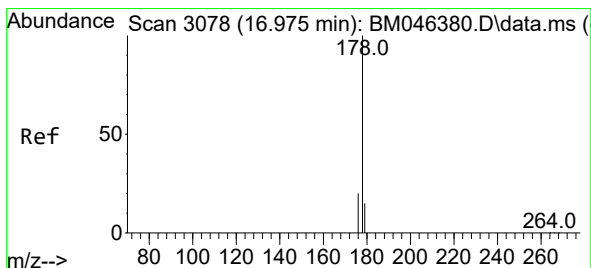
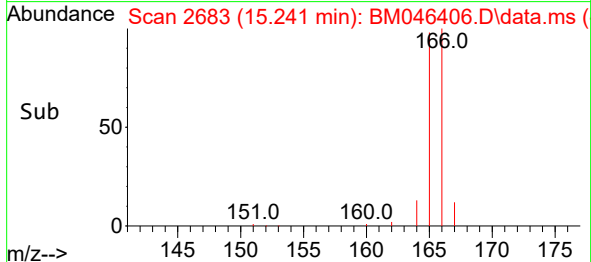
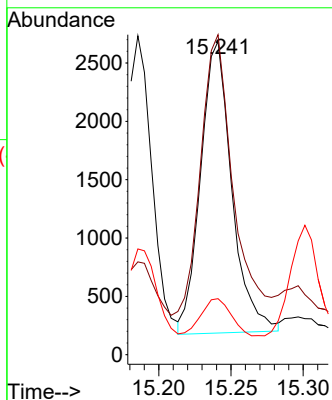
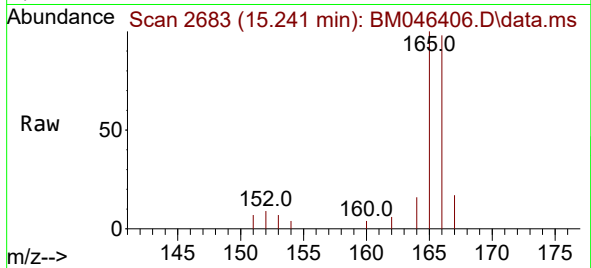




#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.241 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

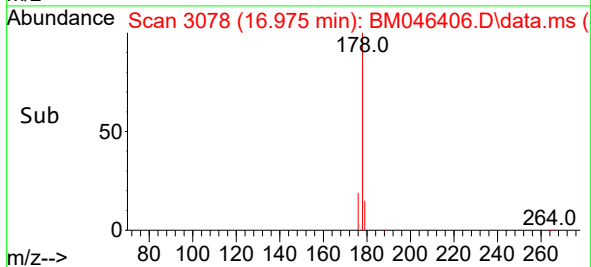
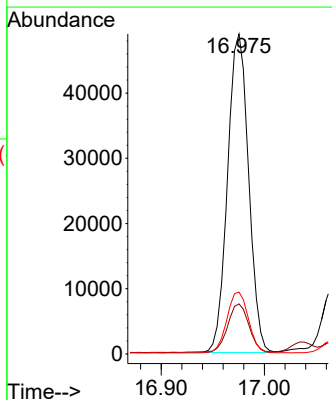
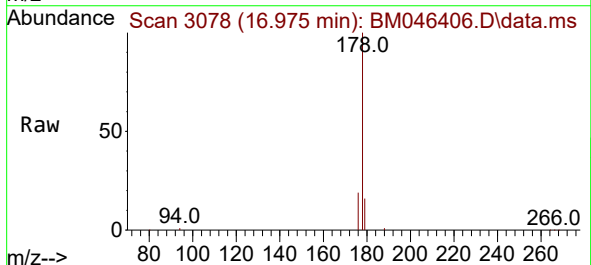
Instrument :
BNA_M
ClientSampleId :
A4CW3

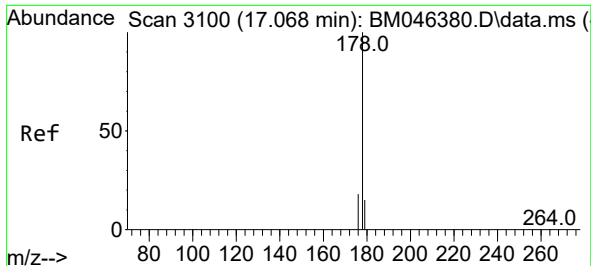
Tgt Ion:166 Resp: 3758
Ion Ratio Lower Upper
166 100
165 102.2 78.0 117.0
167 17.9 11.4 17.0#



#15
Phenanthrene
Concen: 0.771 ng/ul
RT: 16.975 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Tgt Ion:178 Resp: 69196
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.4 16.0 24.0

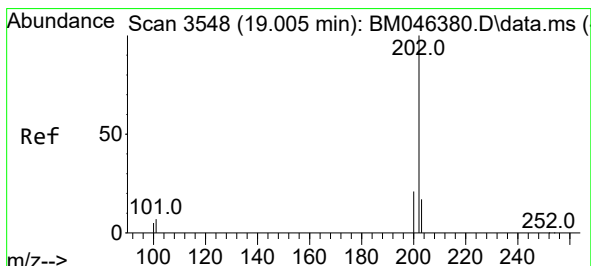
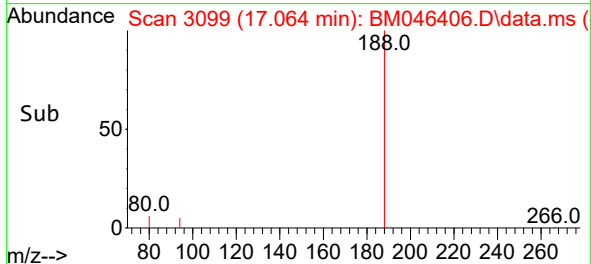
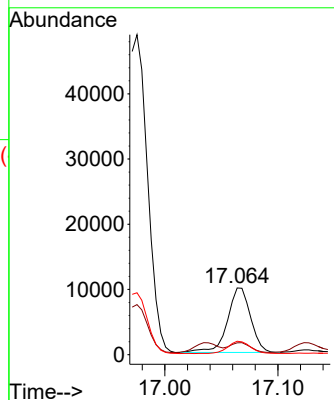
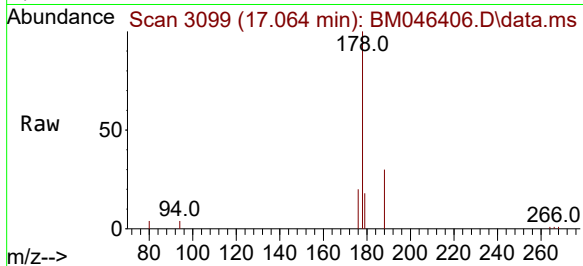




#16
 Anthracene
 Concen: 0.162 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046406.D
 Acq: 06 Jul 2024 06:39

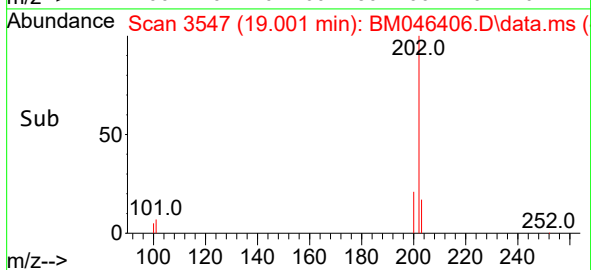
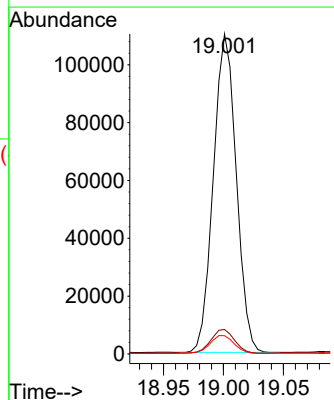
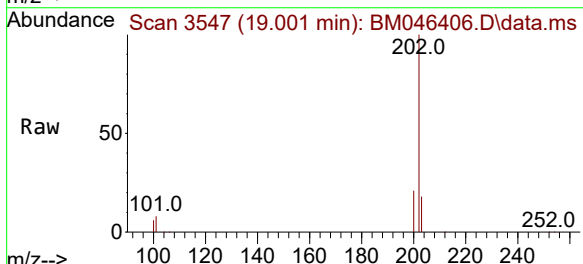
Instrument :
 BNA_M
 ClientSampleId :
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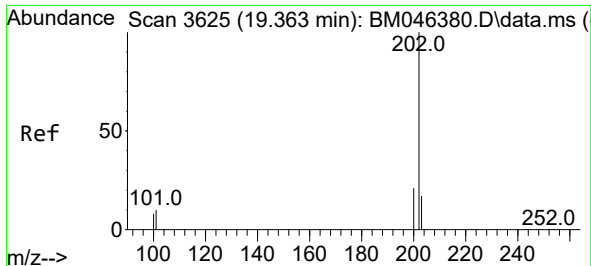
Tgt Ion:178 Resp: 14128
 Ion Ratio Lower Upper
 178 100
 179 17.8 12.6 18.8
 176 20.2 14.9 22.3



#19
 Fluoranthene
 Concen: 1.966 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.004 min
 Lab File: BM046406.D
 Acq: 06 Jul 2024 06:39

Tgt Ion:202 Resp: 146215
 Ion Ratio Lower Upper
 202 100
 101 7.7 6.3 9.5
 100 5.7 5.0 7.6

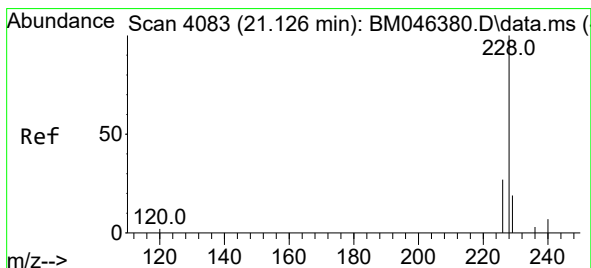
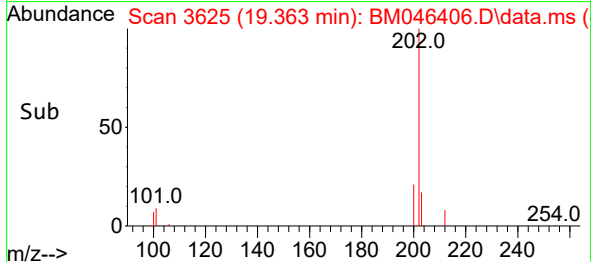
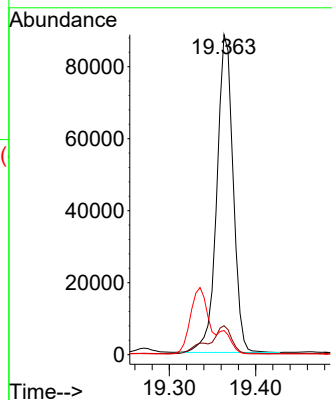
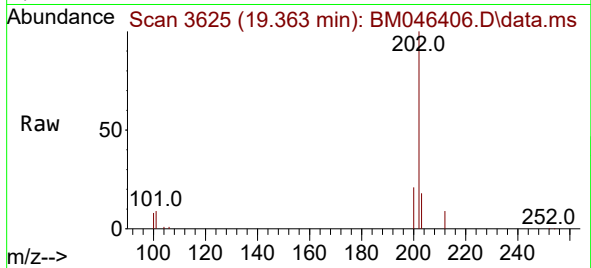




#20
Pyrene
Concen: 1.515 ng/ul
RT: 19.363 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

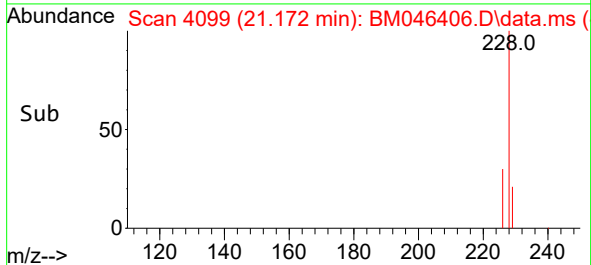
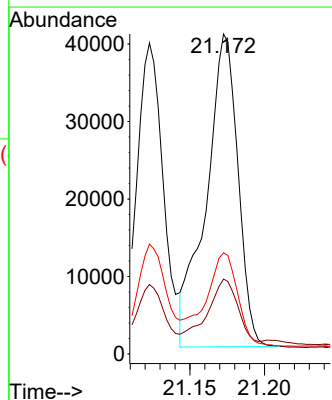
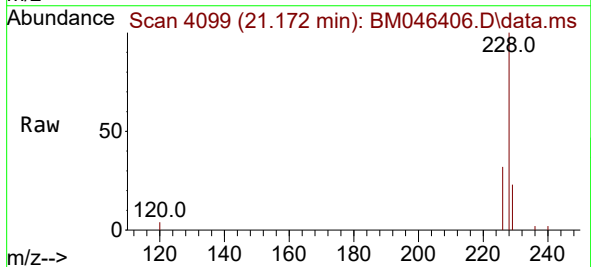
Instrument :
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ClientSampleId :
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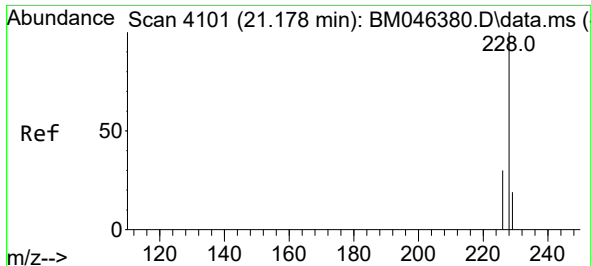
Tgt Ion:202 Resp: 115958
Ion Ratio Lower Upper
202 100
101 9.0 8.2 12.4
100 7.6 6.9 10.3



#21
Benzo(a)anthracene
Concen: 0.908 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. 0.047 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Tgt Ion:228 Resp: 59716
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 31.6 22.0 33.0

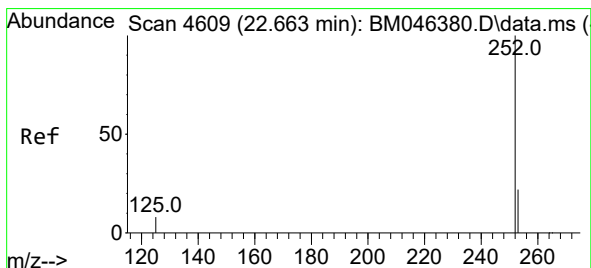
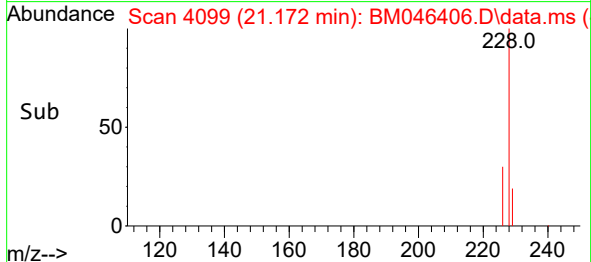
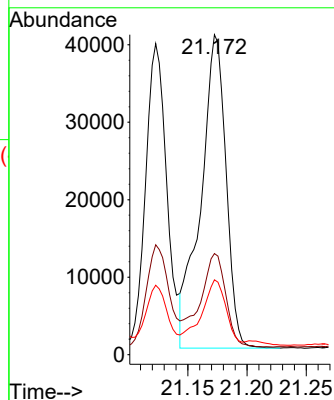
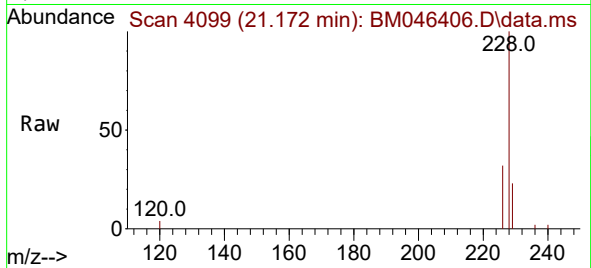




#22
Chrysene
Concen: 0.919 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

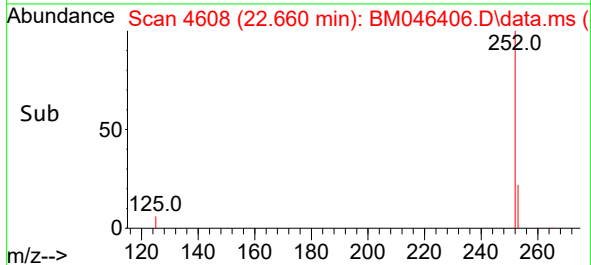
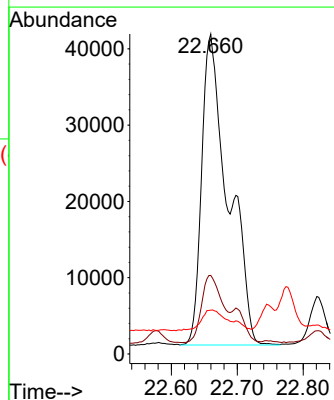
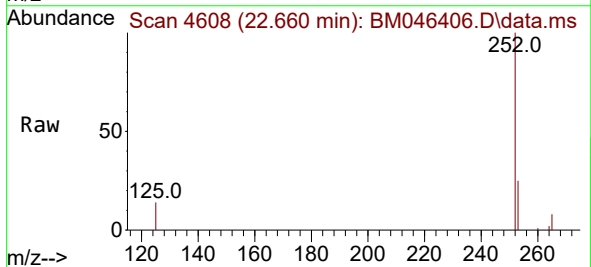
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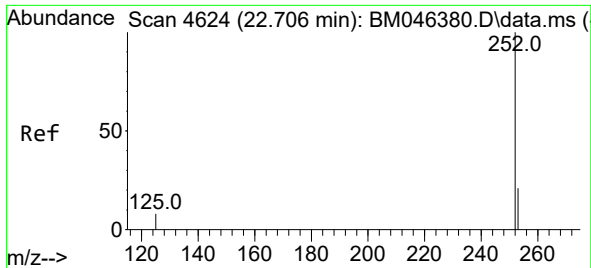
Tgt Ion:228 Resp: 60099
Ion Ratio Lower Upper
228 100
226 31.6 24.1 36.1
229 23.4 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 1.751 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

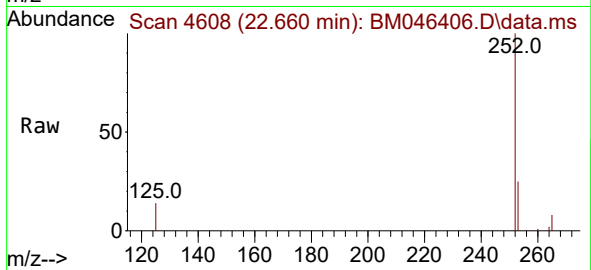
Tgt Ion:252 Resp: 113515
Ion Ratio Lower Upper
252 100
253 24.6 0.0 47.0
125 13.7 0.0 18.4



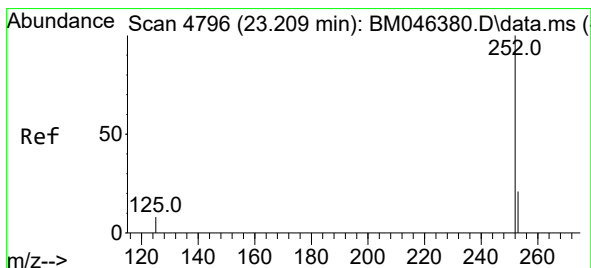
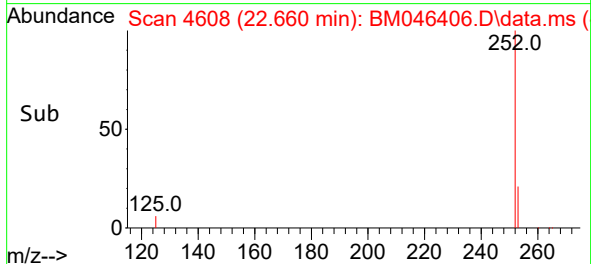
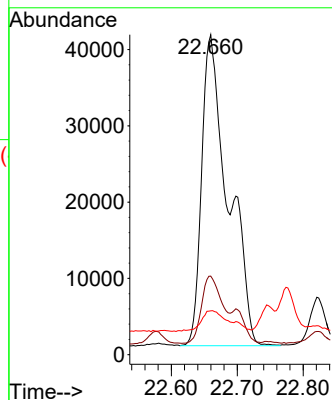


#25
Benzo(k)fluoranthene
Concen: 1.735 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Instrument :
BNA_M
ClientSampleId :
A4CW3

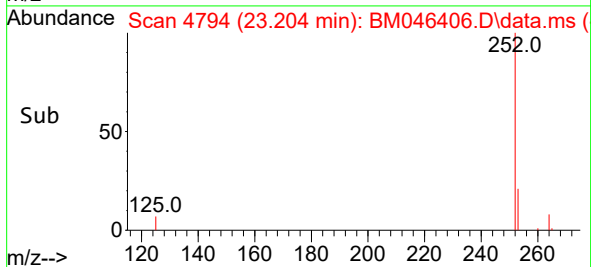
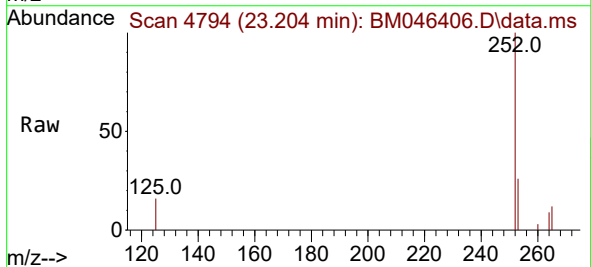
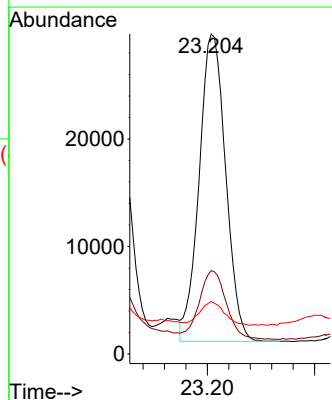


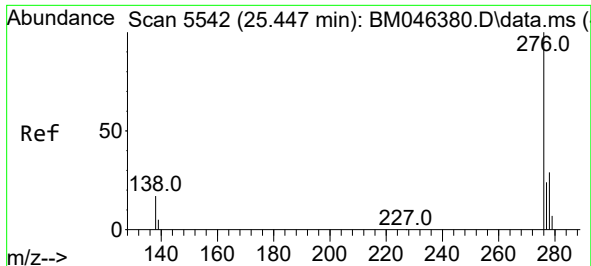
Tgt Ion:252 Resp: 113515
Ion Ratio Lower Upper
252 100
253 24.6 18.4 27.6
125 13.7 7.5 11.3#



#26
Benzo(a)pyrene
Concen: 0.957 ng/ul
RT: 23.204 min Scan# 4794
Delta R.T. -0.006 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Tgt Ion:252 Resp: 49049
Ion Ratio Lower Upper
252 100
253 26.1 18.9 28.3
125 16.4 8.1 12.1#

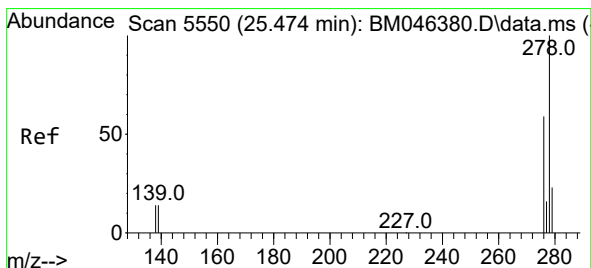
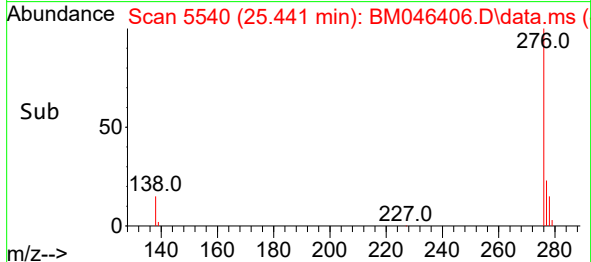
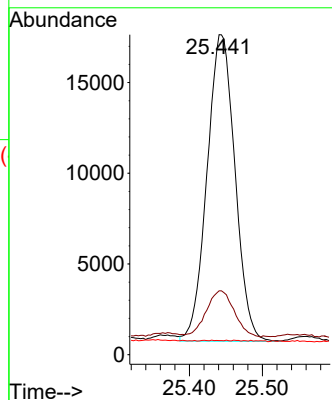
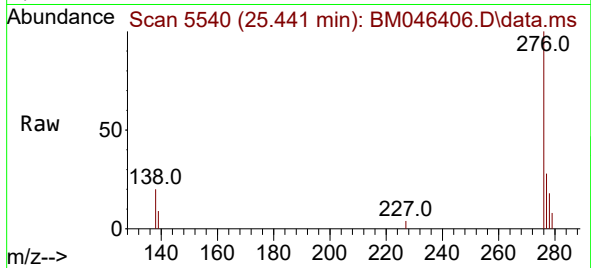




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.651 ng/ul
 RT: 25.441 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM046406.D
 Acq: 06 Jul 2024 06:39

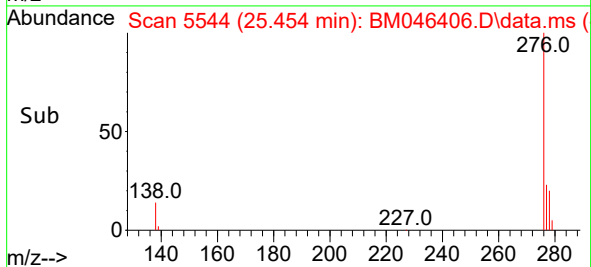
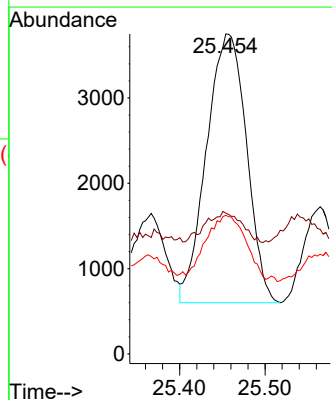
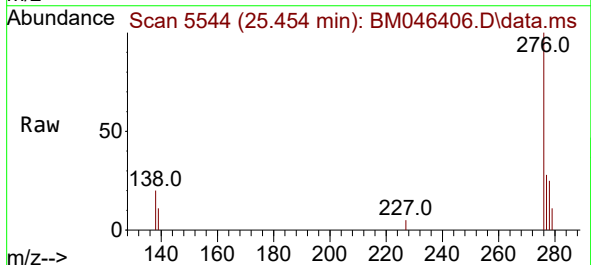
Instrument :
 BNA_M
 ClientSampleId :
 A4CW3

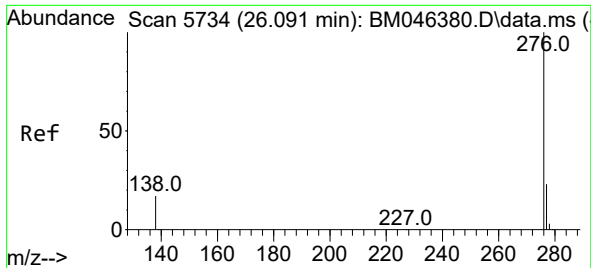
Tgt Ion:276 Resp: 45058
 Ion Ratio Lower Upper
 276 100
 138 15.2 15.7 23.5#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.192 ng/ul
 RT: 25.454 min Scan# 5544
 Delta R.T. -0.020 min
 Lab File: BM046406.D
 Acq: 06 Jul 2024 06:39

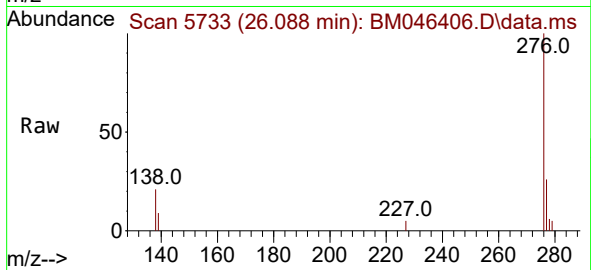
Tgt Ion:278 Resp: 10254
 Ion Ratio Lower Upper
 278 100
 139 44.0 12.6 18.8#
 279 43.3 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.813 ng/ul
RT: 26.088 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Instrument :
BNA_M
ClientSampleId :
A4CW3



Tgt Ion:276 Resp: 44885
Ion Ratio Lower Upper
276 100
138 21.4 15.4 23.0
277 26.5 19.7 29.5

