

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046418.D
 Acq On : 06 Jul 2024 14:34
 Operator : MA/JU
 Sample : P2982-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC1

Quant Time: Jul 08 00:48:48 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)

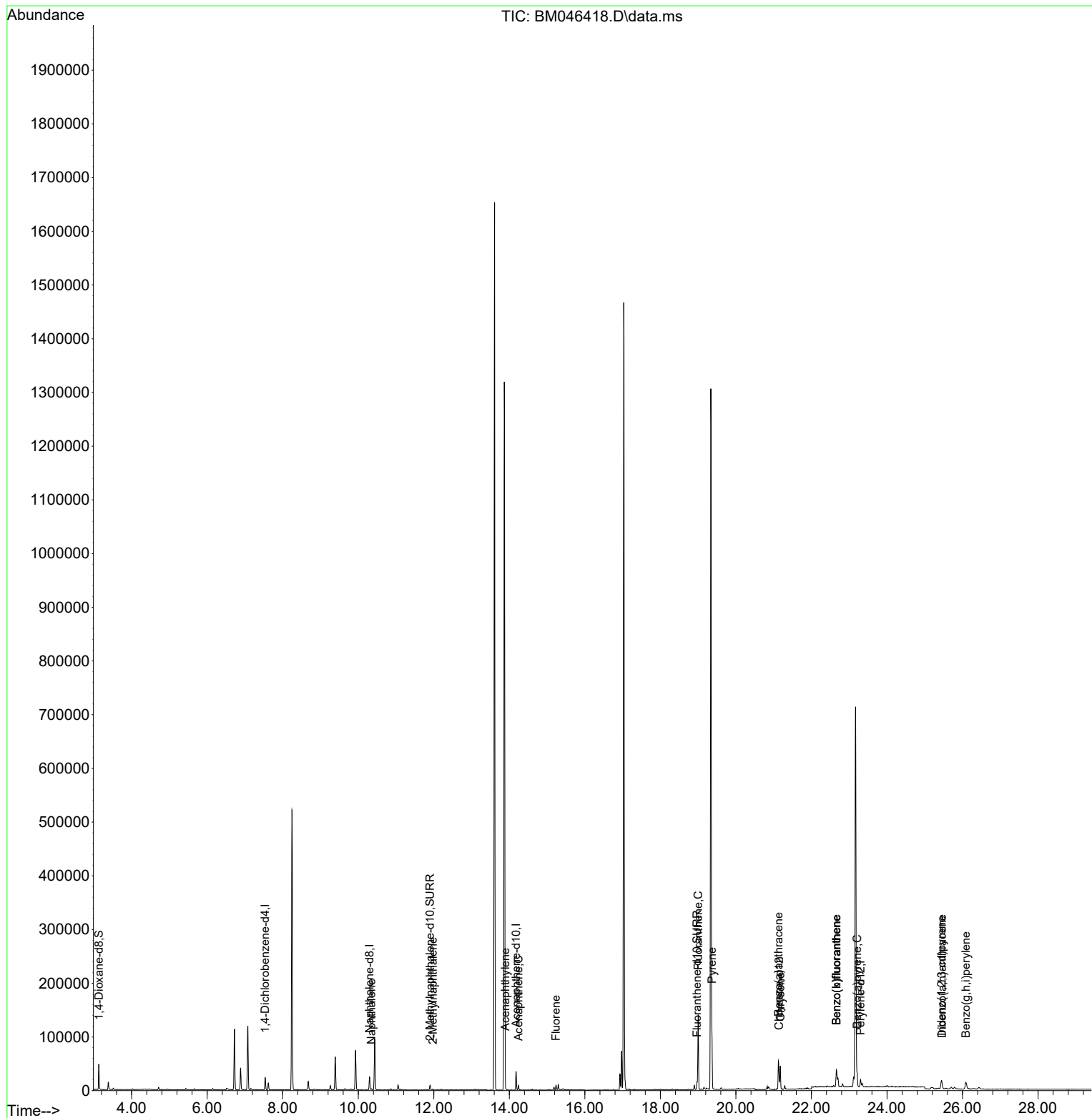
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	10910	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	32095	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	19013	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.94
17) Chrysene-d12	21.140	240	15446	0.400	ng/ul	0.00
23) Perylene-d12	23.297	264	15087	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26341	2.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	11587	0.244	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	15892	0.294	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	2963	0.035	ng/ul#	88
7) 2-Methylnaphthalene	11.975	142	1174	0.020	ng/ul	96
10) Acenaphthylene	13.895	152	6642	0.069	ng/ul#	93
11) Acenaphthene	14.242	153	4742	0.075	ng/ul	98
12) Fluorene	15.236	166	5347	0.072	ng/ul	96
19) Fluoranthene	19.001	202	118477	1.517	ng/ul	97
20) Pyrene	19.363	202	91497	1.139	ng/ul	96
21) Benzo(a)anthracene	21.126	228	41376	0.600	ng/ul	93
22) Chrysene	21.175	228	40149	0.585	ng/ul	96
24) Benzo(b)fluoranthene	22.663	252	67481	1.052	ng/ul	95
25) Benzo(k)fluoranthene	22.663	252	67481	1.042	ng/ul#	95
26) Benzo(a)pyrene	23.209	252	32254	0.636	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.444	276	26051	0.380	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.457	278	6196	0.117	ng/ul#	56
29) Benzo(g,h,i)perylene	26.088	276	25603	0.469	ng/ul	96

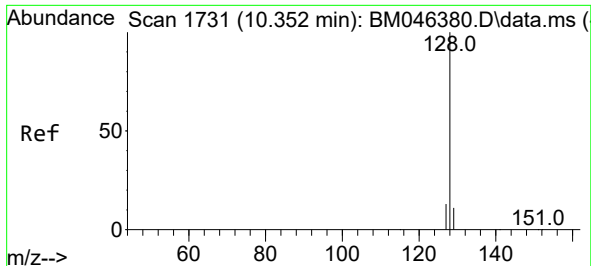
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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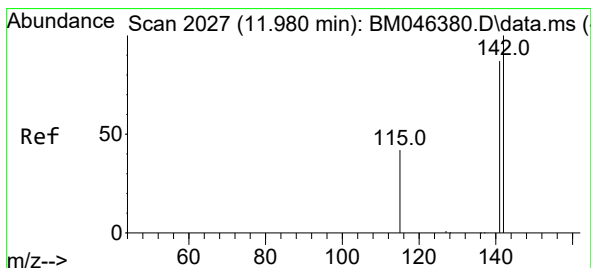
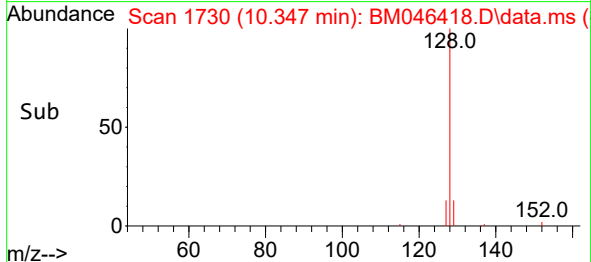
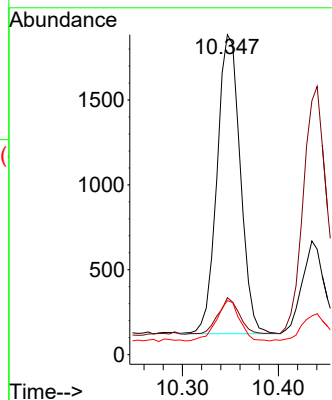
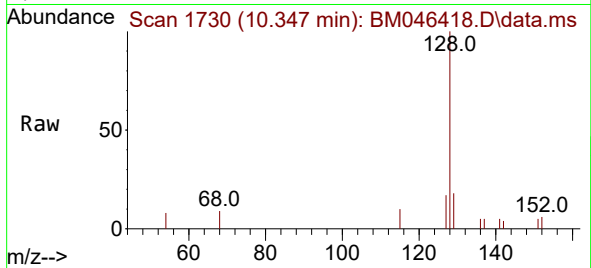




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

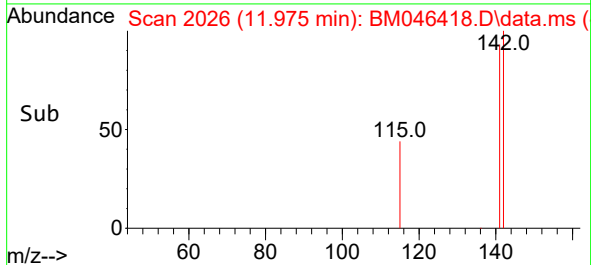
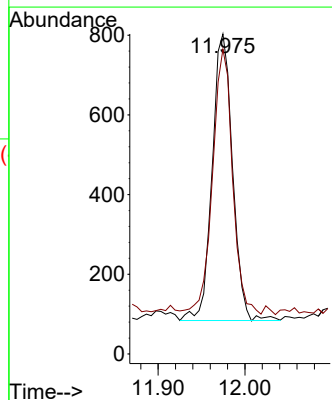
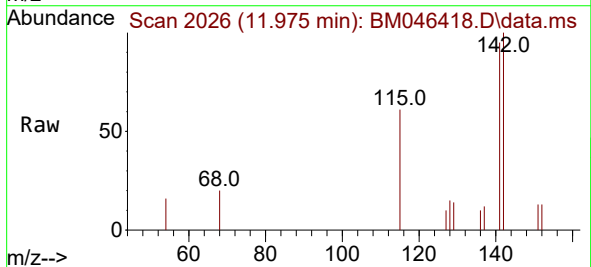
Instrument :
BNA_M
ClientSampleId :
A4BC1

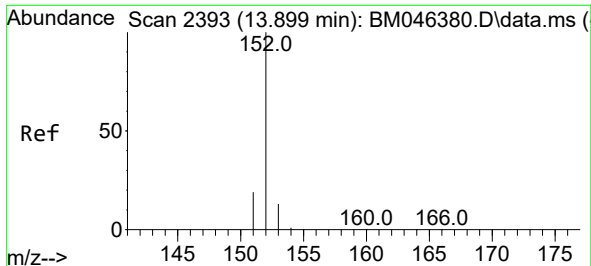
Tgt Ion:128 Resp: 2963
Ion Ratio Lower Upper
128 100
129 17.8 9.4 14.0#
127 16.9 10.8 16.2#



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

Tgt Ion:142 Resp: 1174
Ion Ratio Lower Upper
142 100
141 90.8 69.8 104.6

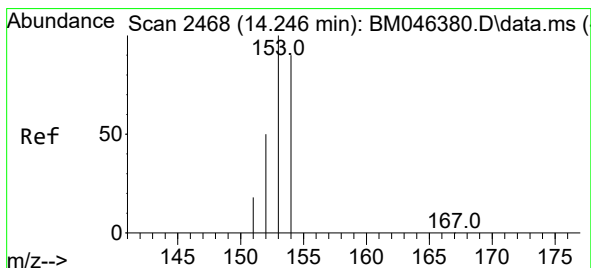
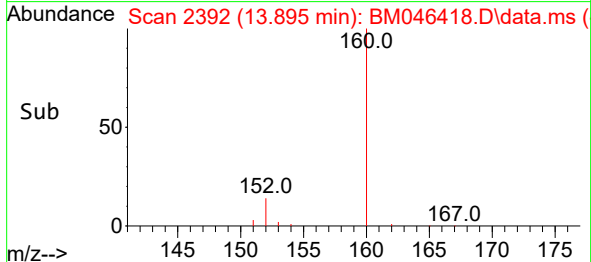
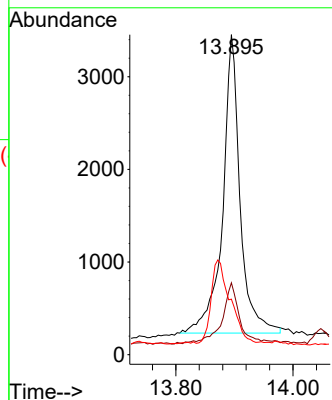
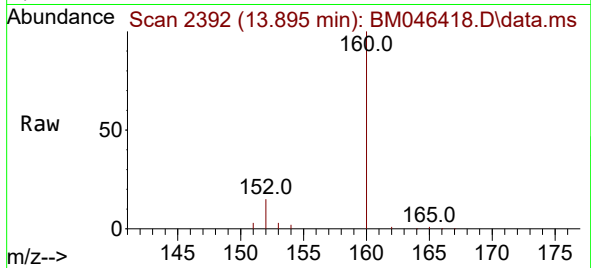




#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 13.895 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

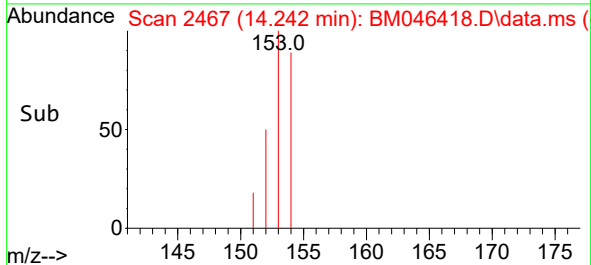
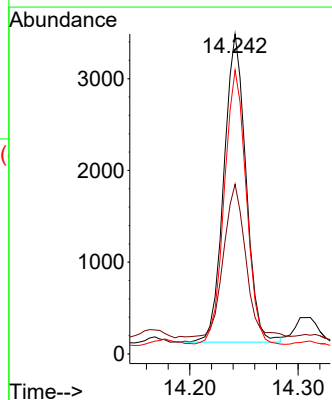
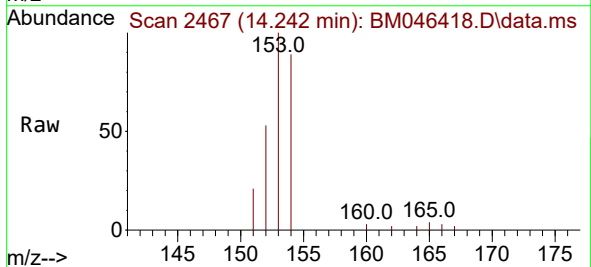
Instrument :
BNA_M
ClientSampleId :
A4BC1

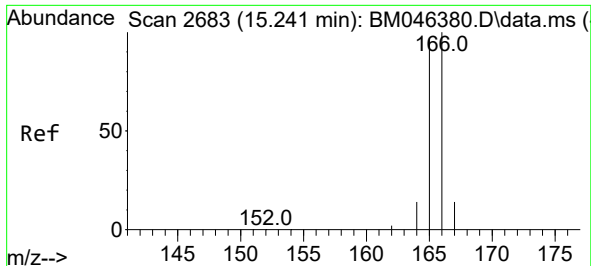
Tgt Ion:152 Resp: 6642
Ion Ratio Lower Upper
152 100
151 22.4 15.9 23.9
153 17.3 11.0 16.6#



#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

Tgt Ion:153 Resp: 4742
Ion Ratio Lower Upper
153 100
152 53.1 40.4 60.6
154 88.7 72.1 108.1

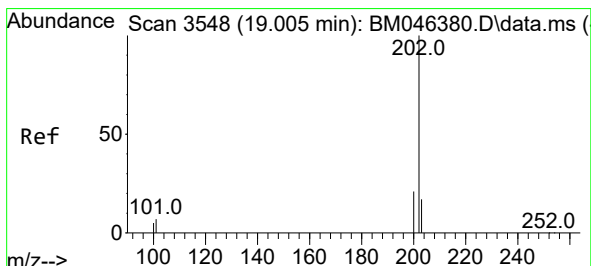
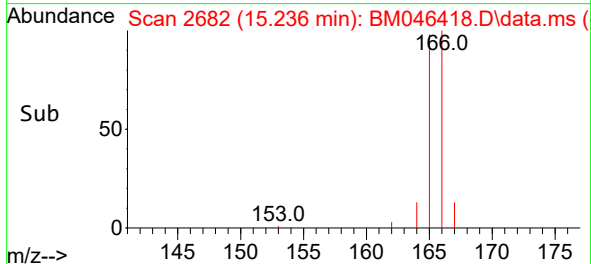
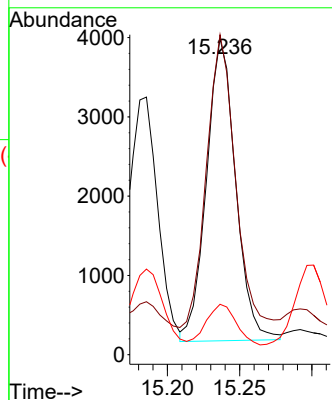
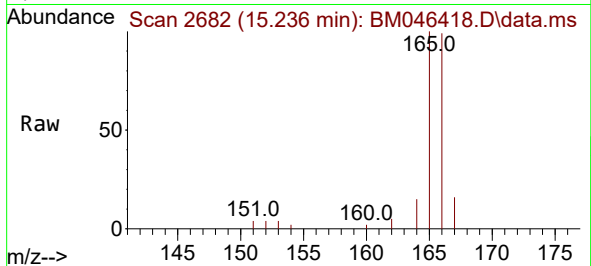




#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.236 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

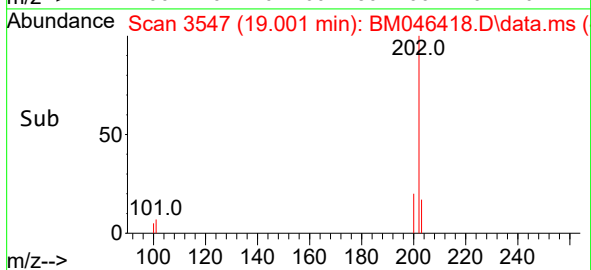
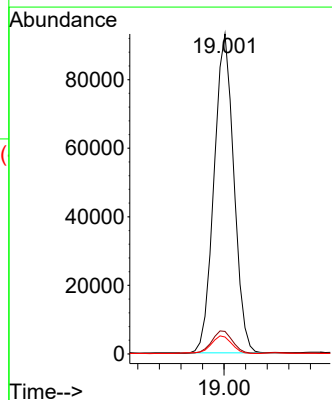
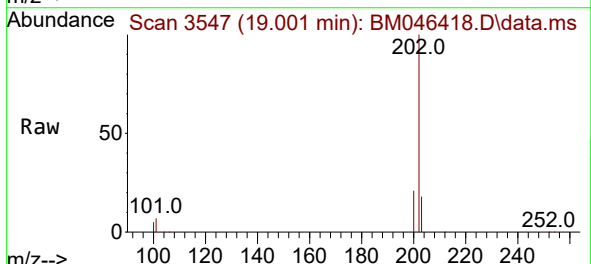
Instrument :
BNA_M
ClientSampleId :
A4BC1

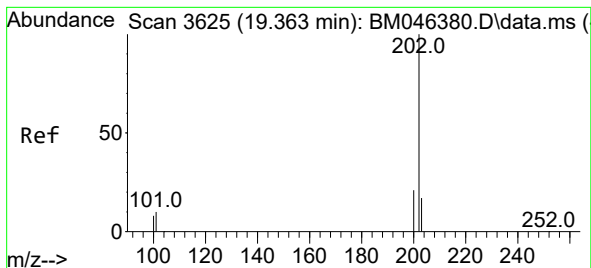
Tgt Ion:166 Resp: 5347
Ion Ratio Lower Upper
166 100
165 101.3 78.0 117.0
167 16.0 11.4 17.0



#19
Fluoranthene
Concen: 1.517 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.004 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

Tgt Ion:202 Resp: 118477
Ion Ratio Lower Upper
202 100
101 7.1 6.3 9.5
100 5.3 5.0 7.6





#20

Pyrene

Concen: 1.139 ng/ul

RT: 19.363 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM046418.D

Acq: 06 Jul 2024 14:34

Instrument :

BNA_M

ClientSampleId :

A4BC1

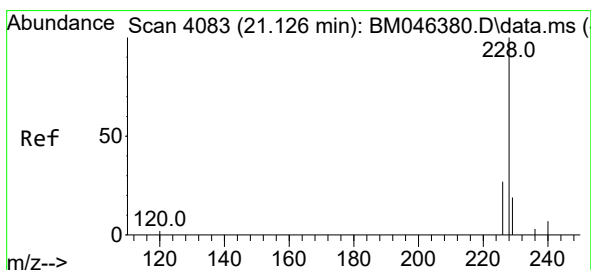
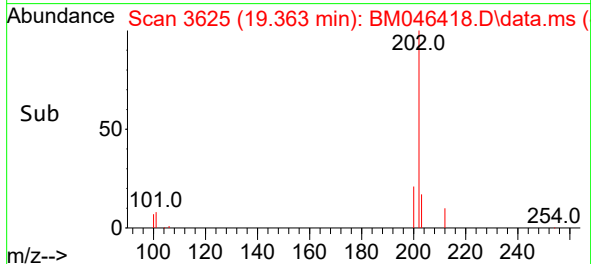
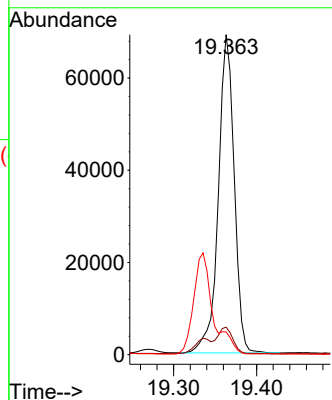
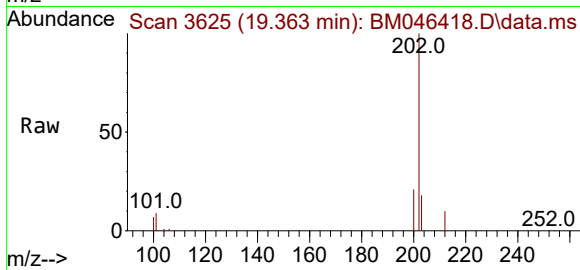
Tgt Ion:202 Resp: 91497

Ion Ratio Lower Upper

202 100

101 8.6 8.2 12.4

100 7.1 6.9 10.3



#21

Benzo(a)anthracene

Concen: 0.600 ng/ul

RT: 21.126 min Scan# 4083

Delta R.T. 0.000 min

Lab File: BM046418.D

Acq: 06 Jul 2024 14:34

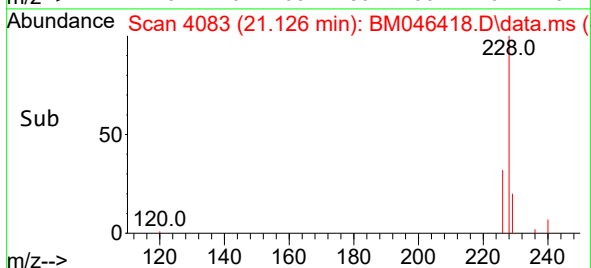
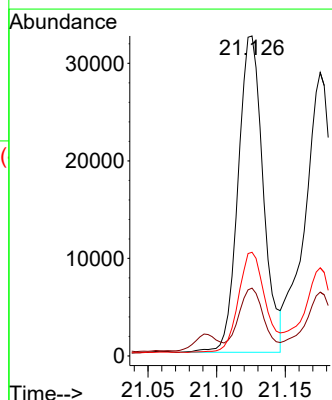
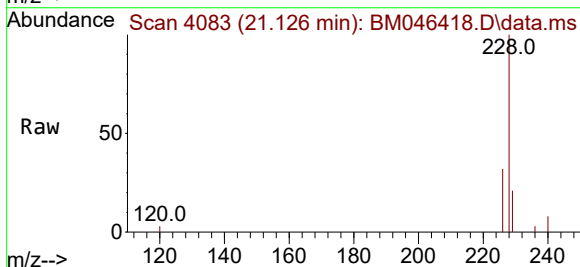
Tgt Ion:228 Resp: 41376

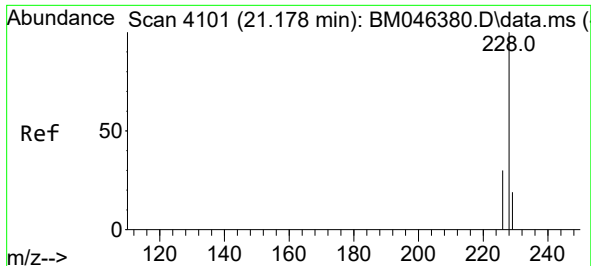
Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

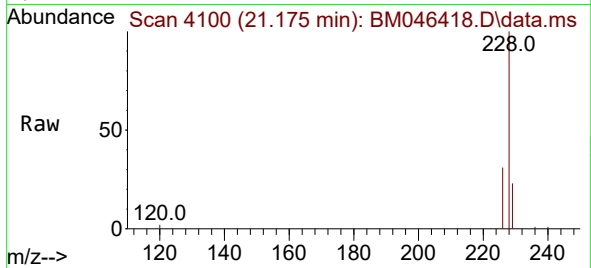
226 32.4 22.0 33.0



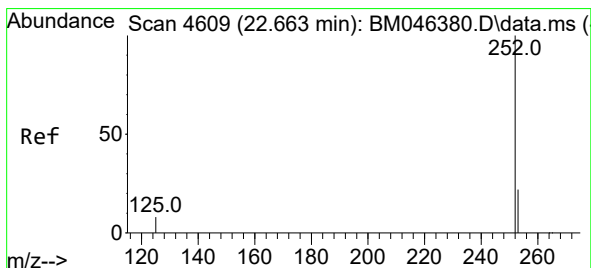
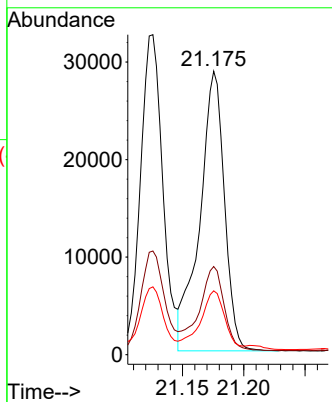
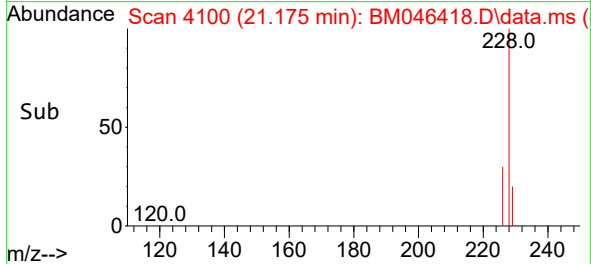


#22
Chrysene
Concen: 0.585 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

Instrument :
BNA_M
ClientSampleId :
A4BC1

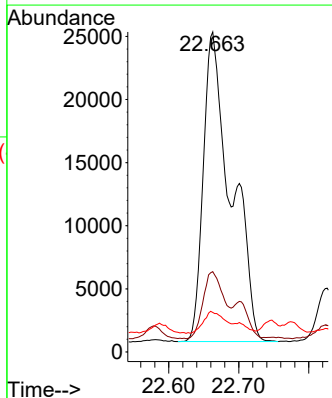
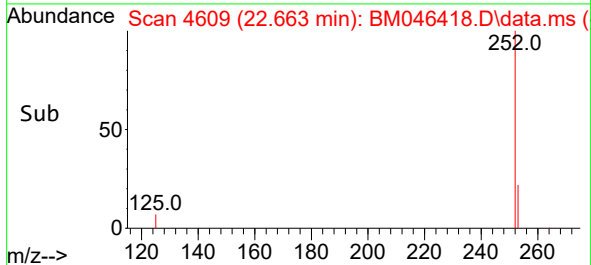
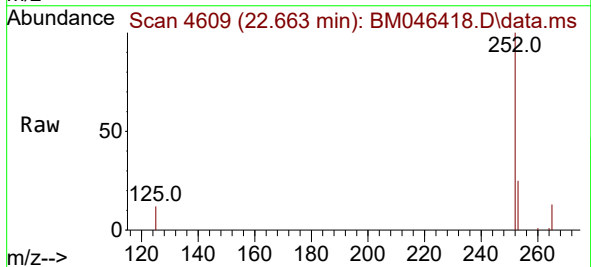


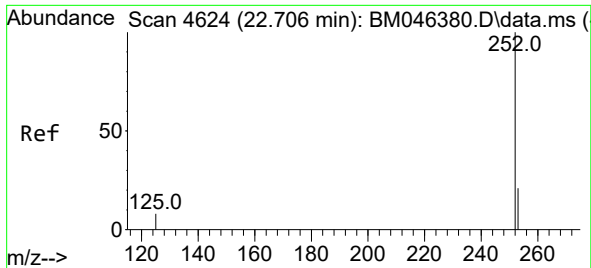
Tgt Ion:228 Resp: 40149
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.5 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 1.052 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

Tgt Ion:252 Resp: 67481
Ion Ratio Lower Upper
252 100
253 25.1 0.0 47.0
125 12.4 0.0 18.4

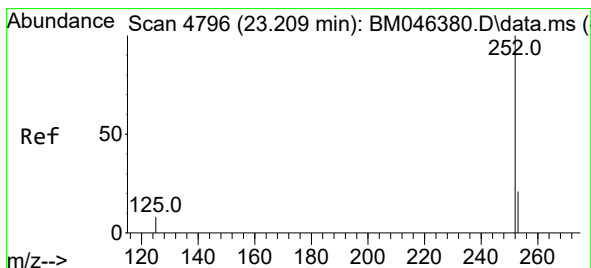
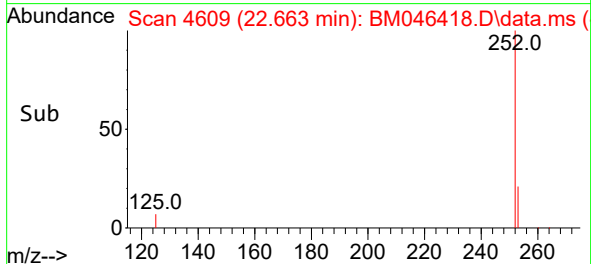
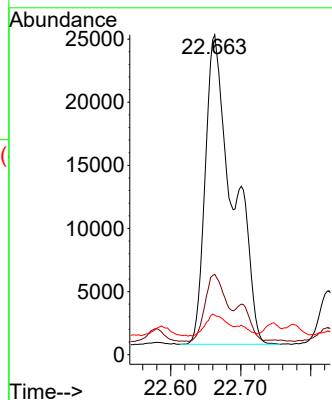
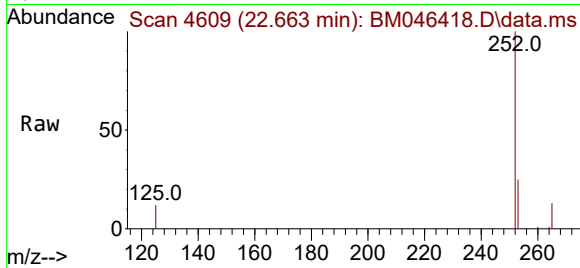




#25
Benzo(k)fluoranthene
Concen: 1.042 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. -0.044 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

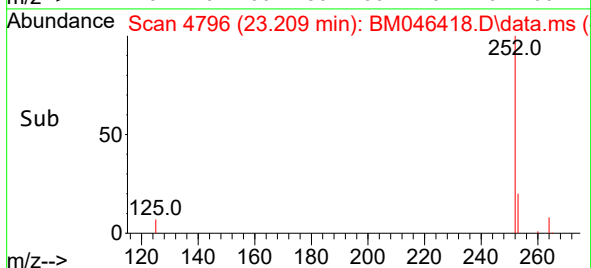
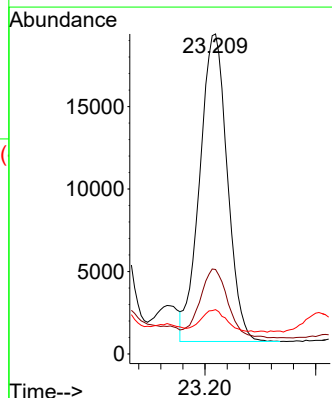
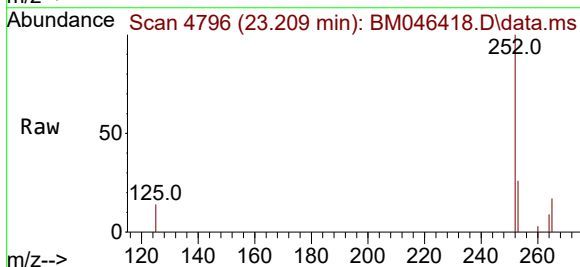
Instrument :
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ClientSampleId :
A4BC1

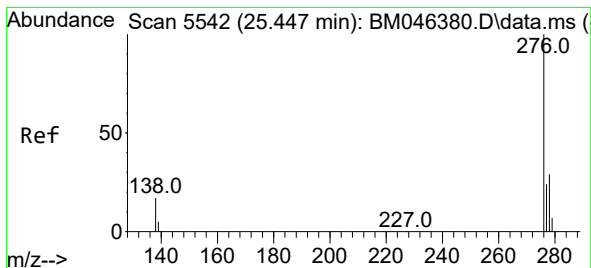
Tgt Ion:252 Resp: 67481
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 12.4 7.5 11.3#



#26
Benzo(a)pyrene
Concen: 0.636 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. 0.000 min
Lab File: BM046418.D
Acq: 06 Jul 2024 14:34

Tgt Ion:252 Resp: 32254
Ion Ratio Lower Upper
252 100
253 26.4 18.9 28.3
125 13.8 8.1 12.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng/ul

RT: 25.444 min Scan# 5

Delta R.T. -0.003 min

Lab File: BM046418.D

Acq: 06 Jul 2024 14:34

Instrument :

BNA_M

ClientSampleId :

A4BC1

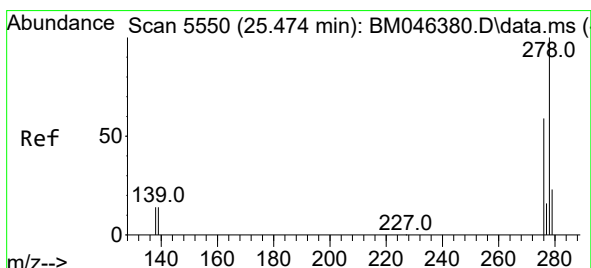
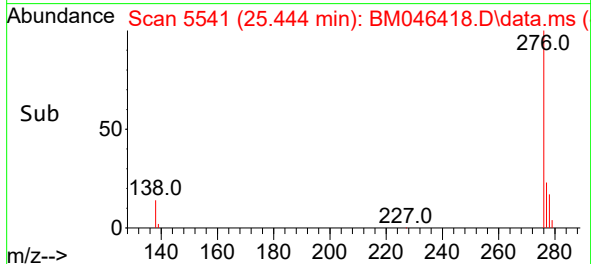
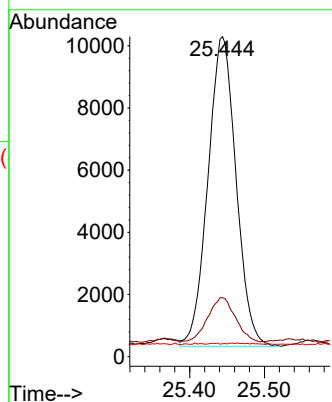
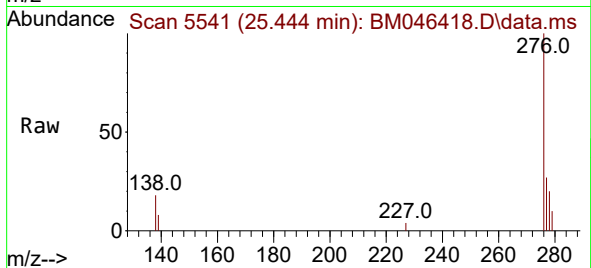
Tgt Ion:276 Resp: 26051

Ion Ratio Lower Upper

276 100

138 14.1 15.7 23.5#

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.117 ng/ul

RT: 25.457 min Scan# 5545

Delta R.T. -0.017 min

Lab File: BM046418.D

Acq: 06 Jul 2024 14:34

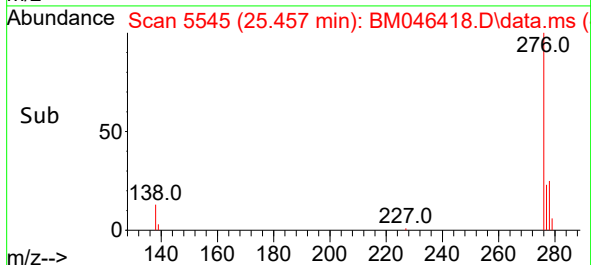
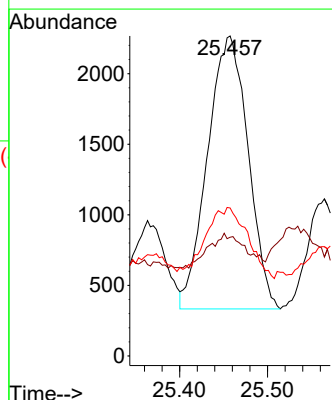
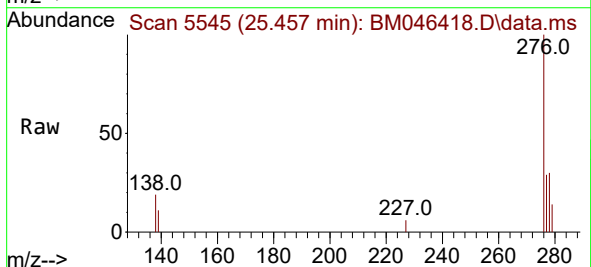
Tgt Ion:278 Resp: 6196

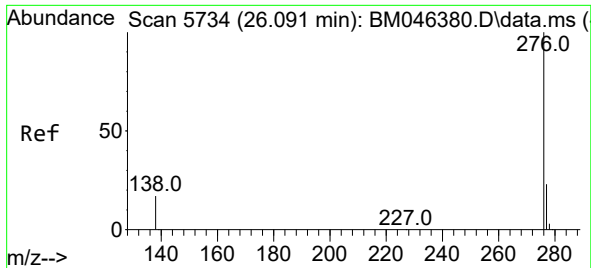
Ion Ratio Lower Upper

278 100

139 37.1 12.6 18.8#

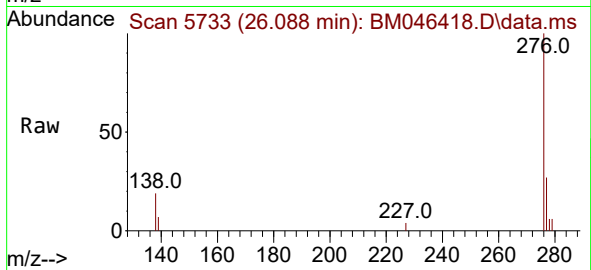
279 46.3 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.469 ng/ul
 RT: 26.088 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM046418.D
 Acq: 06 Jul 2024 14:34

Instrument :
 BNA_M
 ClientSampleId :
 A4BC1



Tgt Ion:	276	Resp:	25603
Ion Ratio	Lower	Upper	
276	100		
138	18.8	15.4	23.0
277	27.5	19.7	29.5

