

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041734.D
 Acq On : 08 Sep 2023 17:20
 Operator : MA/JU
 Sample : 04113-16DL2 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 00:26:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

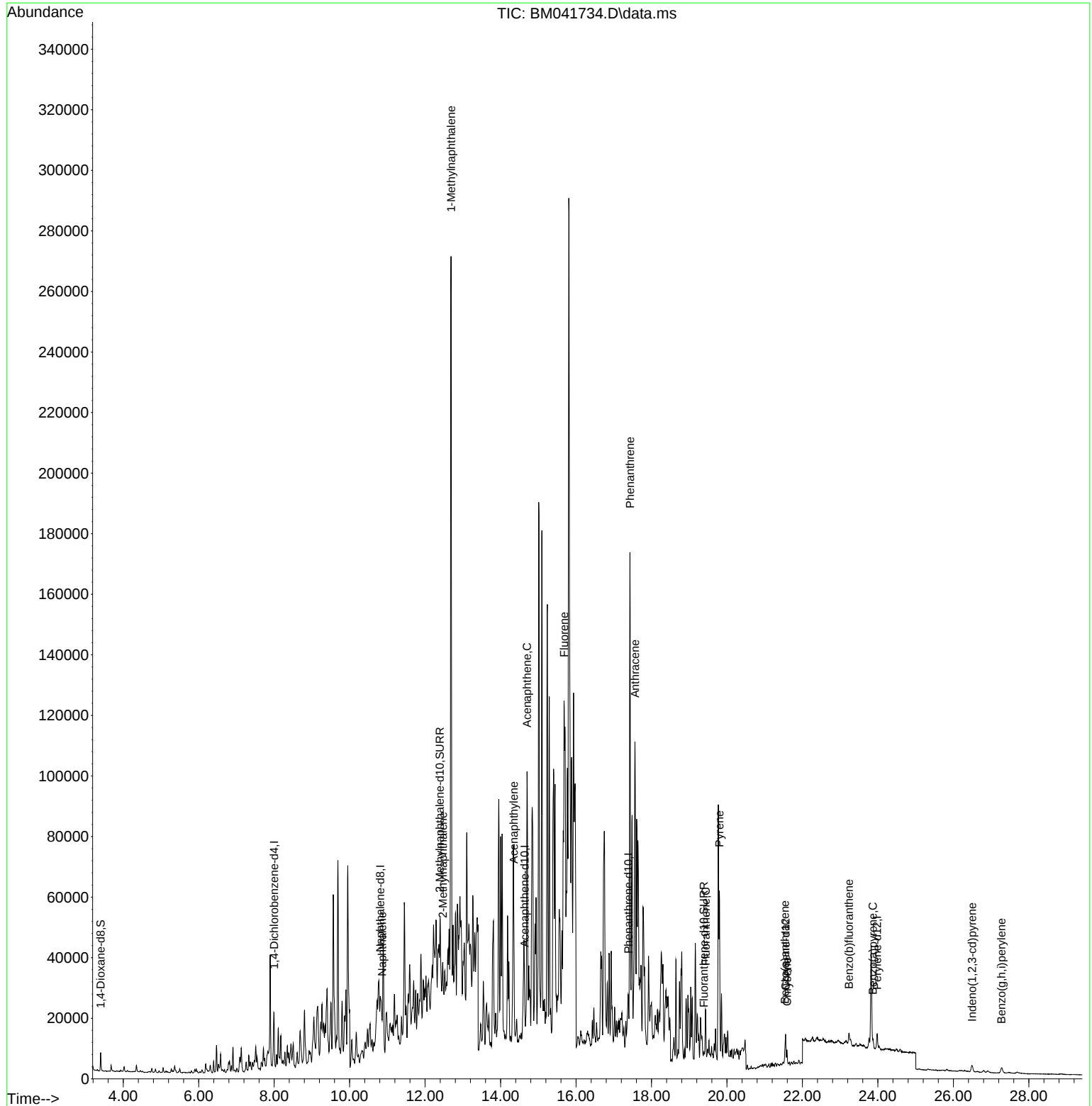
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	5391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	13515	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	7419	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.388	188	11748	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.553	240	6154	0.400	ng/ul	# 0.00
23) Perylene-d12	23.979	264	6976	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	3471	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	1444	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1217	0.041	ng/ul	-0.02
Target Compounds				Qvalue		
5) Naphthalene	10.861	128	12942	0.292	ng/ul#	79
7) 2-Methylnaphthalene	12.467	142	10810	0.429	ng/ul	95
8) 1-Methylnaphthalene	12.687	142	150552	5.947	ng/ul	100
10) Acenaphthylene	14.351	152	14114	0.308	ng/ul#	1
11) Acenaphthene	14.703	153	49114	1.378	ng/ul	88
12) Fluorene	15.684	166	68358	1.710	ng/ul#	92
15) Phenanthrene	17.430	178	163568	3.297	ng/ul#	95
16) Anthracene	17.561	178	63065	1.484	ng/ul#	1
19) Fluoranthene	19.436	202	13992	0.193	ng/ul#	89
20) Pyrene	19.798	202	42304	0.586	ng/ul#	82
21) Benzo(a)anthracene	21.536	228	3735	0.074	ng/ul#	72
22) Chrysene	21.591	228	3884	0.072	ng/ul#	70
24) Benzo(b)fluoranthene	23.234	252	6029	0.097	ng/ul#	1
26) Benzo(a)pyrene	23.868	252	3976	0.078	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.495	276	3835	0.055	ng/ul#	94
29) Benzo(g,h,i)perylene	27.276	276	3934	0.064	ng/ul#	57

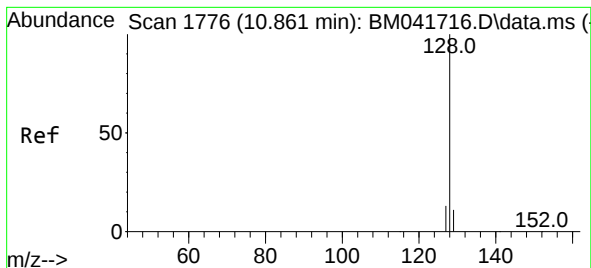
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
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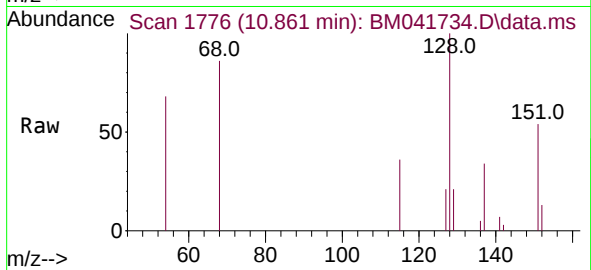
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration



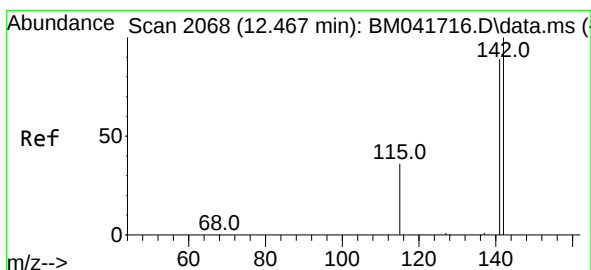
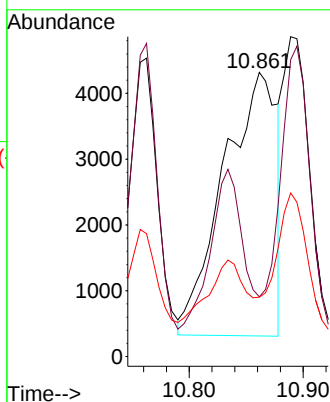
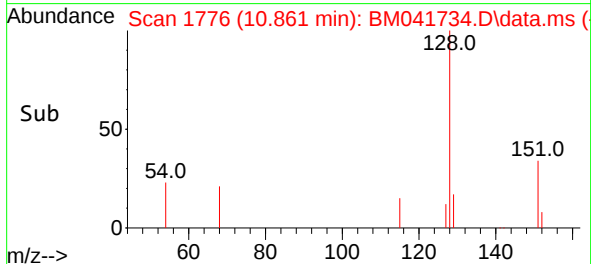


#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Instrument :
BNA_M
ClientSampleId :

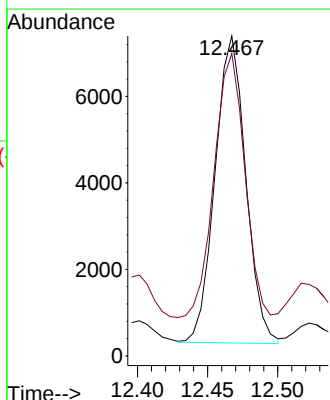
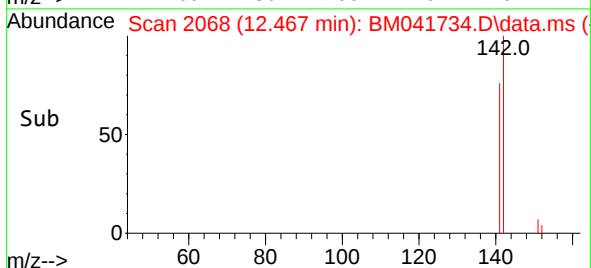
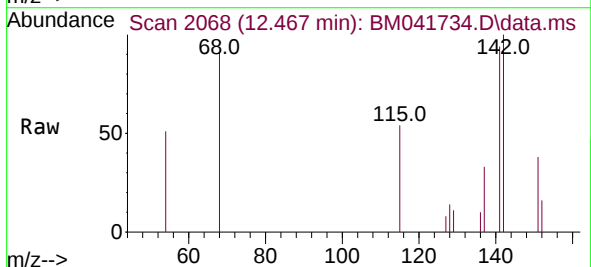


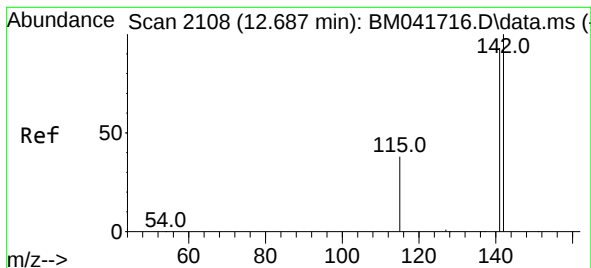
Tgt Ion:128 Resp: 12942
Ion Ratio Lower Upper
128 100
129 21.0 9.4 14.0#
127 20.9 11.0 16.6#



#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:142 Resp: 10810
Ion Ratio Lower Upper
142 100
141 85.2 72.2 108.2





#8

1-Methylnaphthalene

Concen: 5.947 ng/ul

RT: 12.687 min Scan# 2108

Delta R.T. -0.000 min

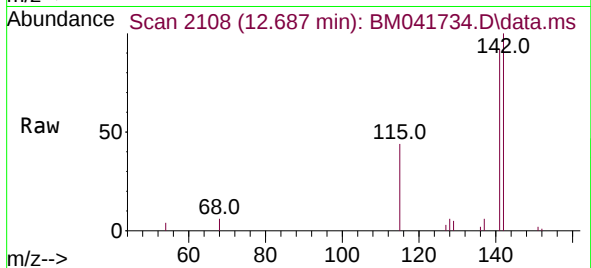
Lab File: BM041734.D

Acq: 08 Sep 2023 17:20

Instrument :

BNA_M

ClientSampleId :

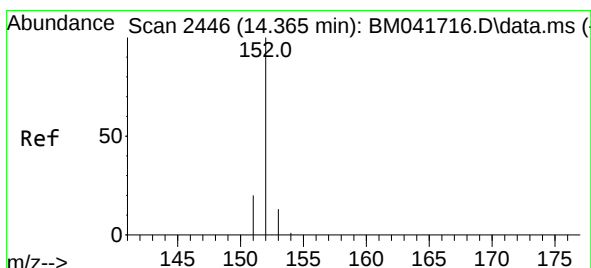
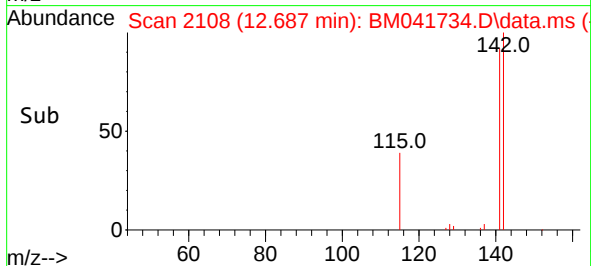
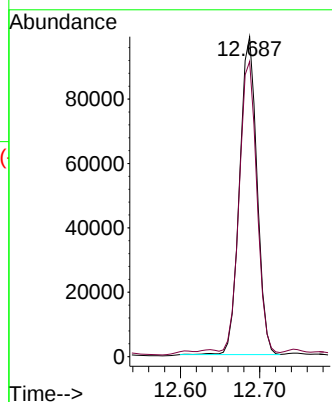


Tgt Ion:142 Resp: 150552

Ion Ratio Lower Upper

142 100

141 92.7 74.4 111.6



#10

Acenaphthylene

Concen: 0.308 ng/ul

RT: 14.351 min Scan# 2443

Delta R.T. -0.014 min

Lab File: BM041734.D

Acq: 08 Sep 2023 17:20

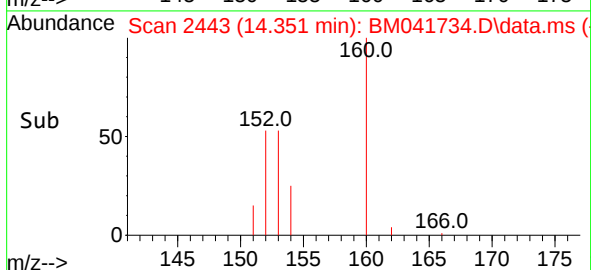
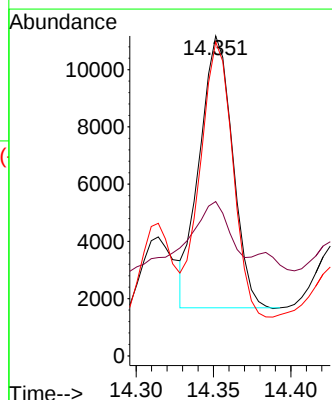
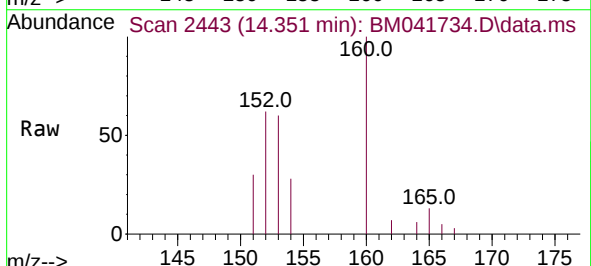
Tgt Ion:152 Resp: 14114

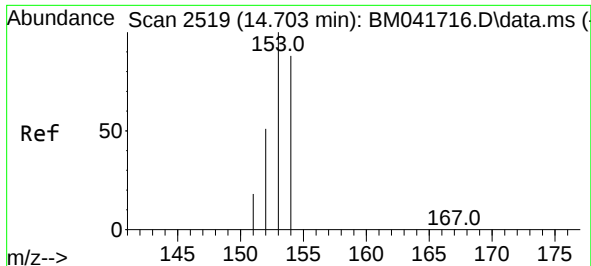
Ion Ratio Lower Upper

152 100

151 48.2 16.4 24.6#

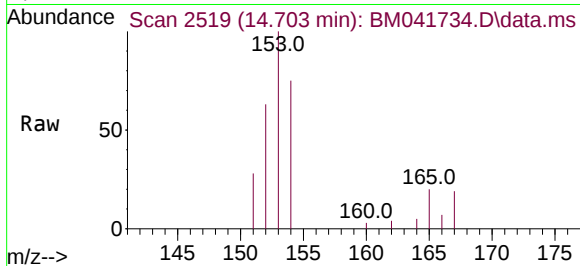
153 98.1 11.1 16.7#



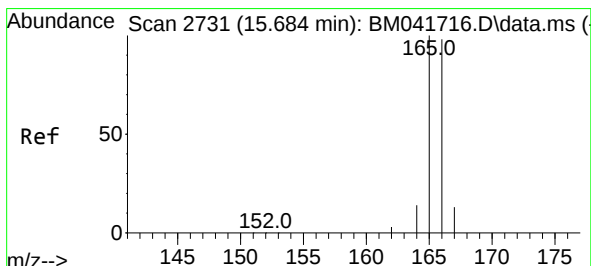
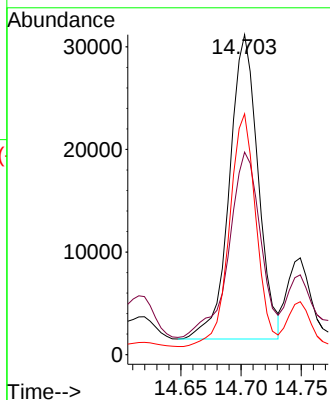
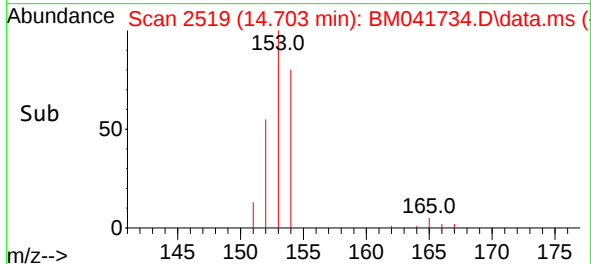


#11
Acenaphthene
Concen: 1.378 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Instrument :
BNA_M
ClientSampleId :

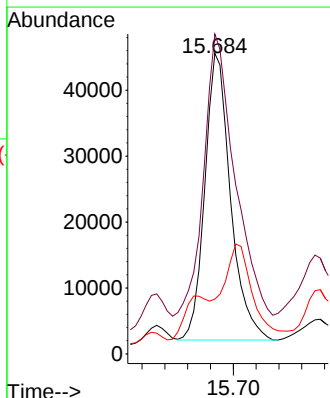
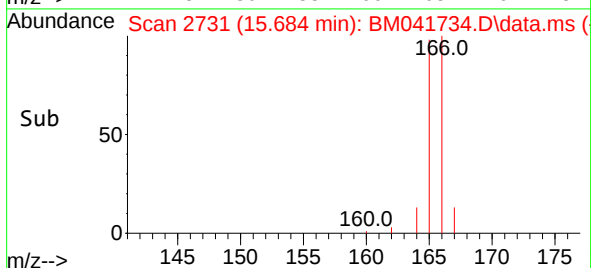
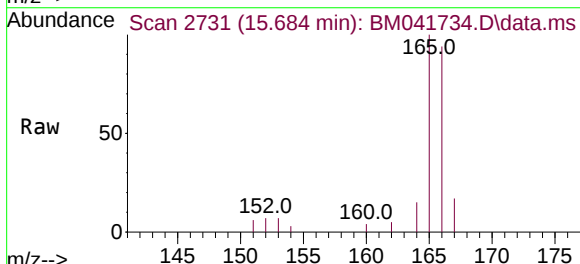


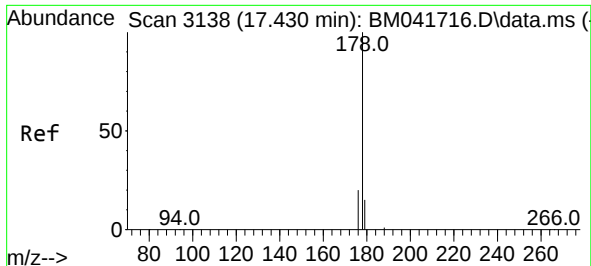
Tgt Ion:153 Resp: 49114
Ion Ratio Lower Upper
153 100
152 63.3 43.4 65.2
154 75.2 69.4 104.0



#12
Fluorene
Concen: 1.710 ng/ul
RT: 15.684 min Scan# 2731
Delta R.T. 0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:166 Resp: 68358
Ion Ratio Lower Upper
166 100
165 106.5 79.4 119.2
167 18.3 11.3 16.9#

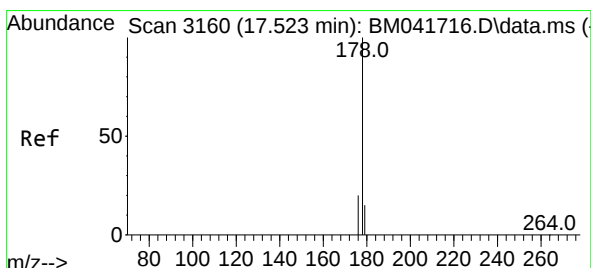
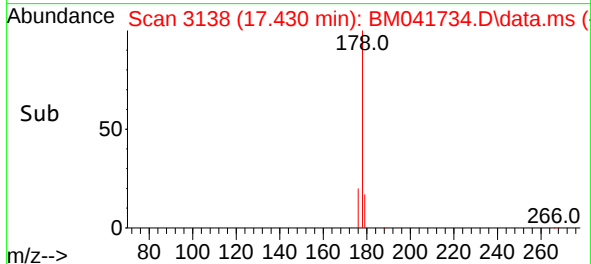
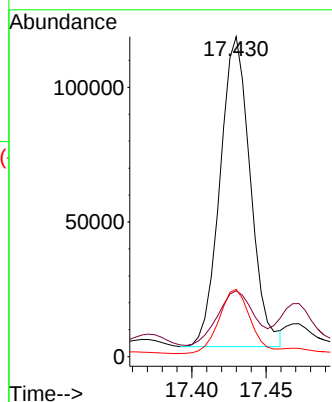
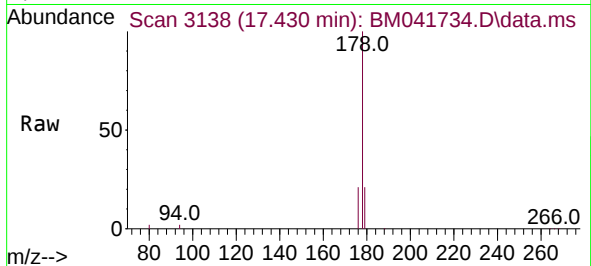




#15
Phenanthrene
Concen: 3.297 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

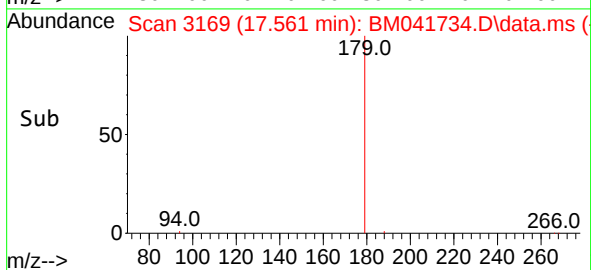
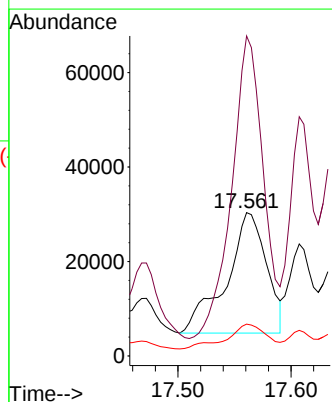
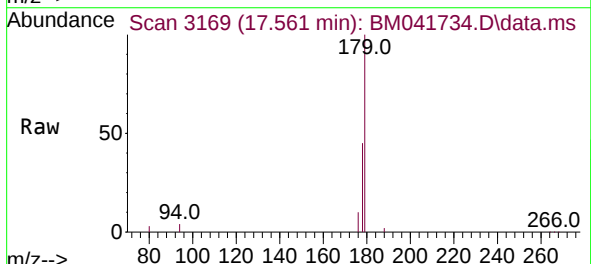
Instrument :
BNA_M
ClientSampleId :

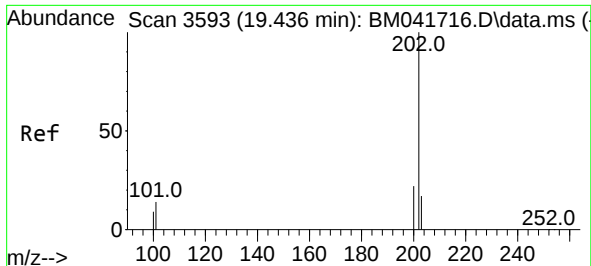
Tgt Ion:178 Resp: 163568
Ion Ratio Lower Upper
178 100
179 20.6 12.9 19.3#
176 21.0 16.9 25.3



#16
Anthracene
Concen: 1.484 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. 0.038 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

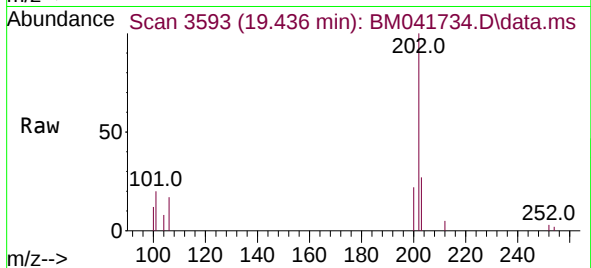
Tgt Ion:178 Resp: 63065
Ion Ratio Lower Upper
178 100
179 223.4 12.9 19.3#
176 22.2 15.8 23.8



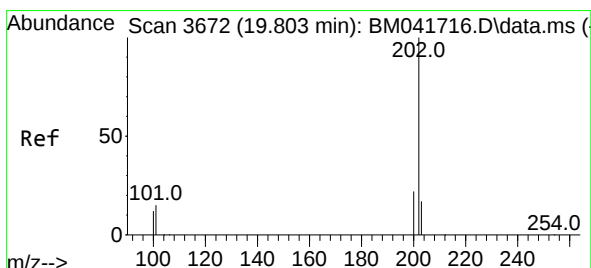
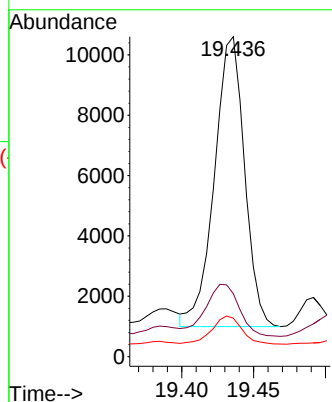
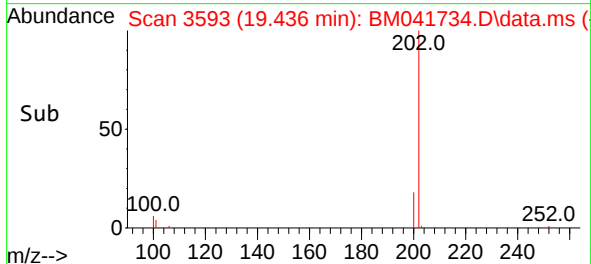


#19
Fluoranthene
Concen: 0.193 ng/ul
RT: 19.436 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

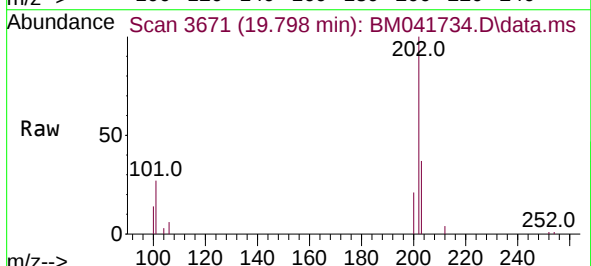
Instrument :
BNA_M
ClientSampleId :



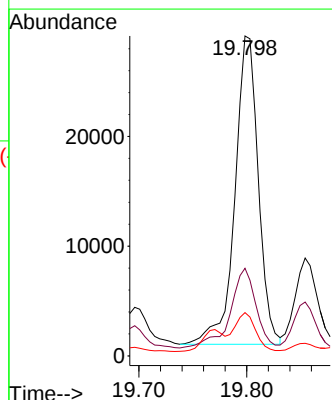
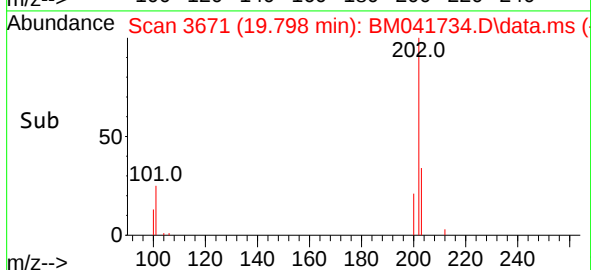
Tgt Ion:202 Resp: 13992
Ion Ratio Lower Upper
202 100
101 19.7 10.5 15.7#
100 12.0 8.4 12.6

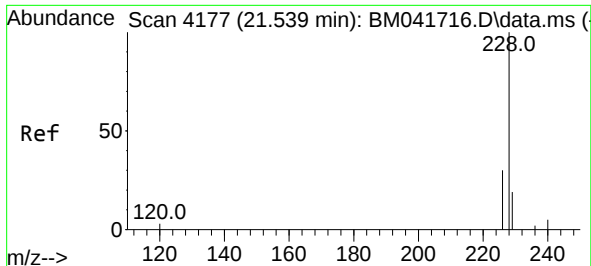


#20
Pyrene
Concen: 0.586 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20



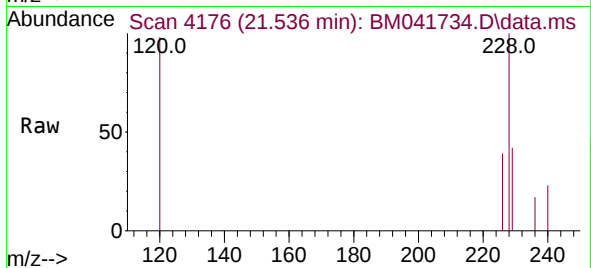
Tgt Ion:202 Resp: 42304
Ion Ratio Lower Upper
202 100
101 27.4 11.8 17.8#
100 13.5 9.8 14.6



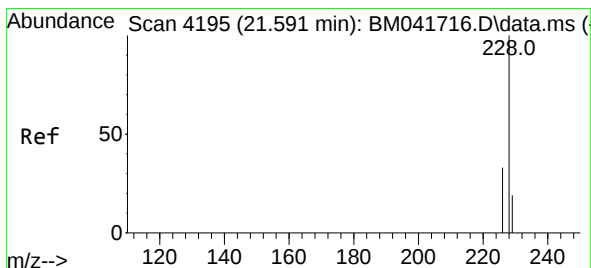
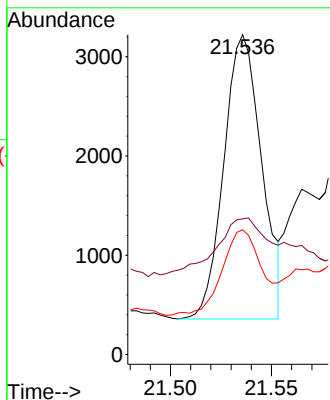
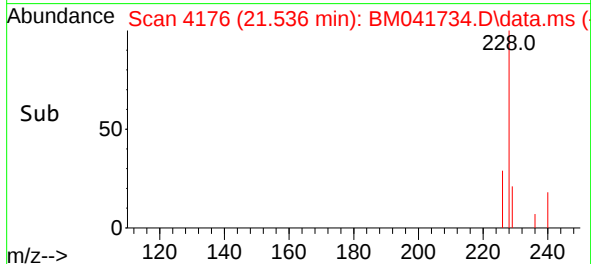


#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Instrument :
BNA_M
ClientSampleId :

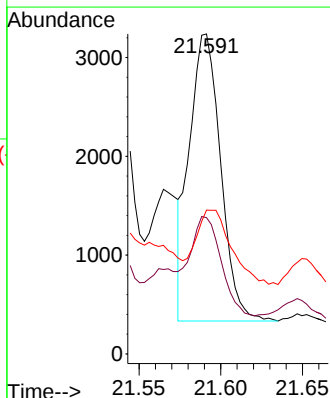
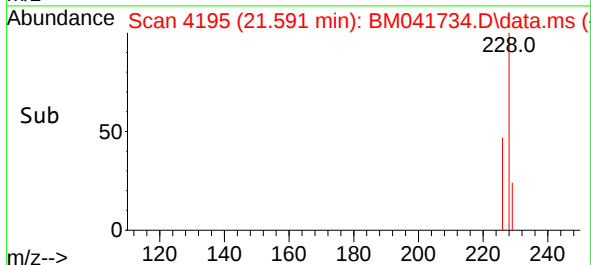
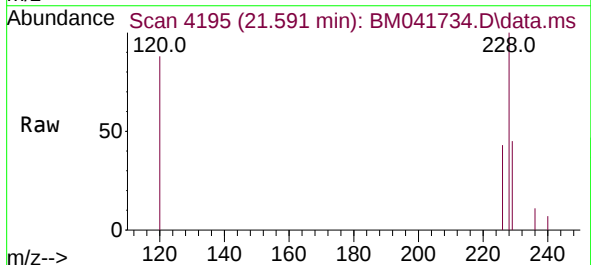


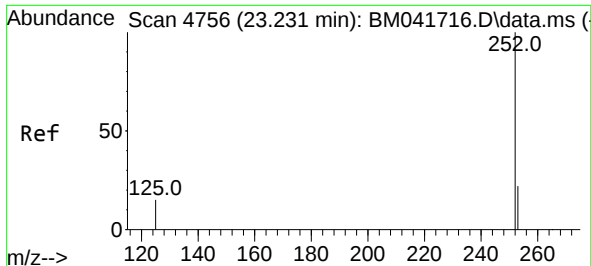
Tgt Ion:228 Resp: 3735
Ion Ratio Lower Upper
228 100
229 42.4 15.8 23.6#
226 39.0 24.8 37.2#



#22
Chrysene
Concen: 0.072 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:228 Resp: 3884
Ion Ratio Lower Upper
228 100
226 42.6 27.0 40.6#
229 45.0 15.4 23.2#

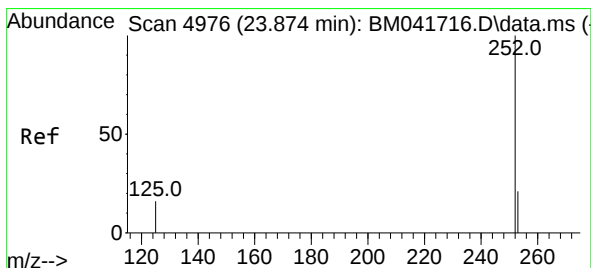
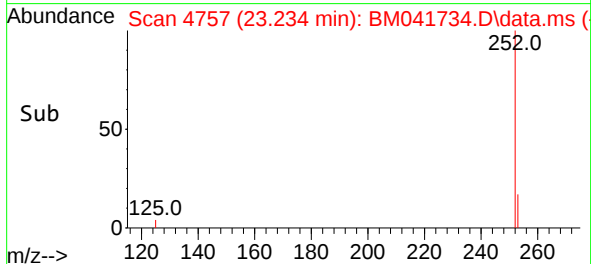
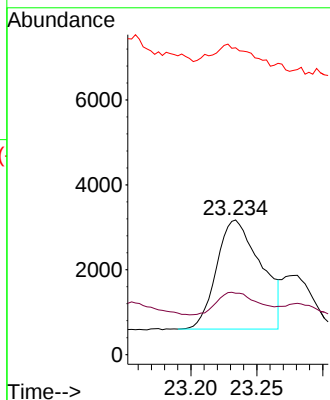
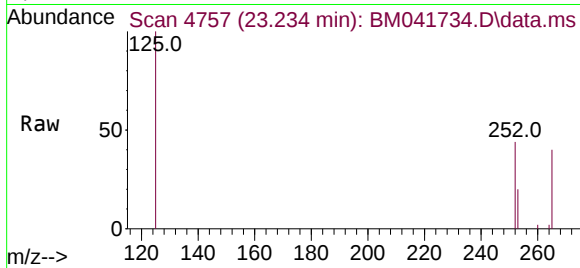




#24
Benzo(b)fluoranthene
Concen: 0.097 ng/ul
RT: 23.234 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

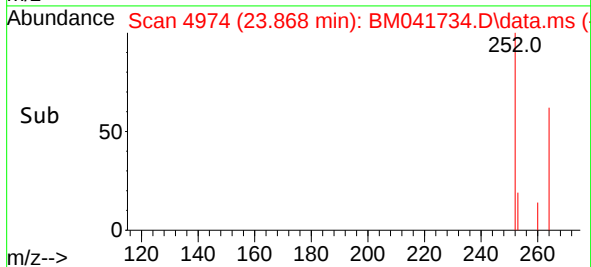
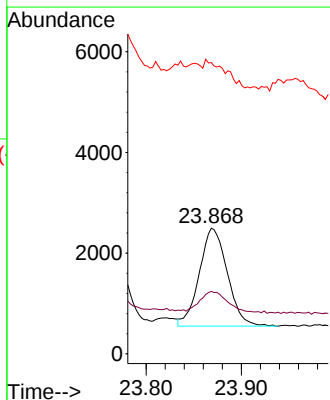
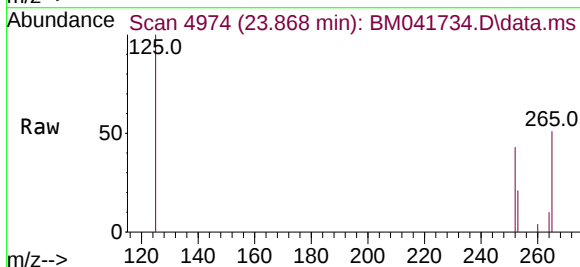
Instrument :
BNA_M
ClientSampleId :

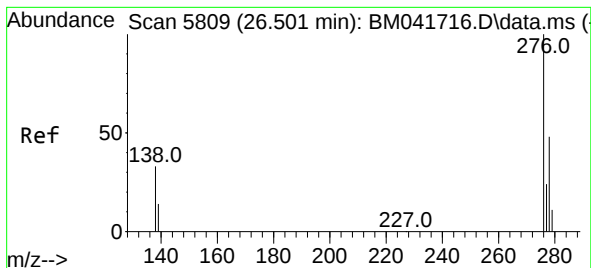
Tgt Ion:252 Resp: 6029
Ion Ratio Lower Upper
252 100
253 45.6 0.0 52.4
125 227.9 0.0 42.8#



#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.868 min Scan# 4974
Delta R.T. -0.006 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:252 Resp: 3976
Ion Ratio Lower Upper
252 100
253 49.7 22.4 33.6#
125 231.7 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.055 ng/ul

RT: 26.495 min Scan# 5809

Delta R.T. -0.007 min

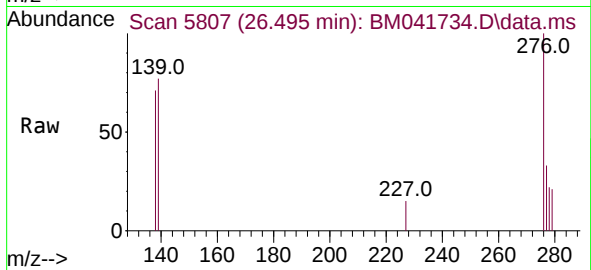
Lab File: BM041734.D

Acq: 08 Sep 2023 17:20

Instrument :

BNA_M

ClientSampleId :



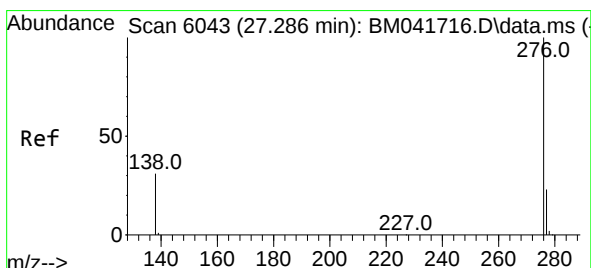
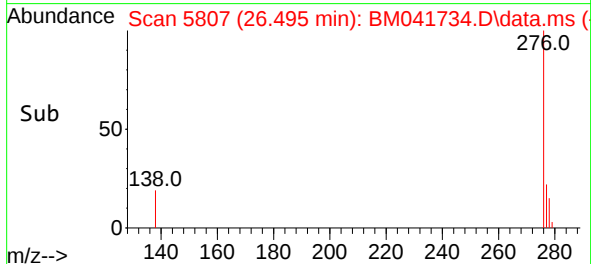
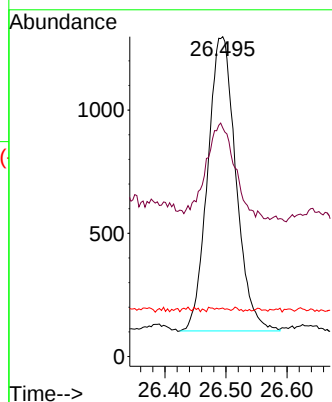
Tgt Ion:276 Resp: 3835

Ion Ratio Lower Upper

276 100

138 36.5 26.4 39.6

227 0.0 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.064 ng/ul

RT: 27.276 min Scan# 6040

Delta R.T. -0.010 min

Lab File: BM041734.D

Acq: 08 Sep 2023 17:20

Tgt Ion:276 Resp: 3934

Ion Ratio Lower Upper

276 100

138 67.2 25.0 37.4#

277 33.1 20.2 30.2#

