

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041756.D
 Acq On : 09 Sep 2023 19:19
 Operator : MA/JU
 Sample : 04247-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 23:33:48 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 : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

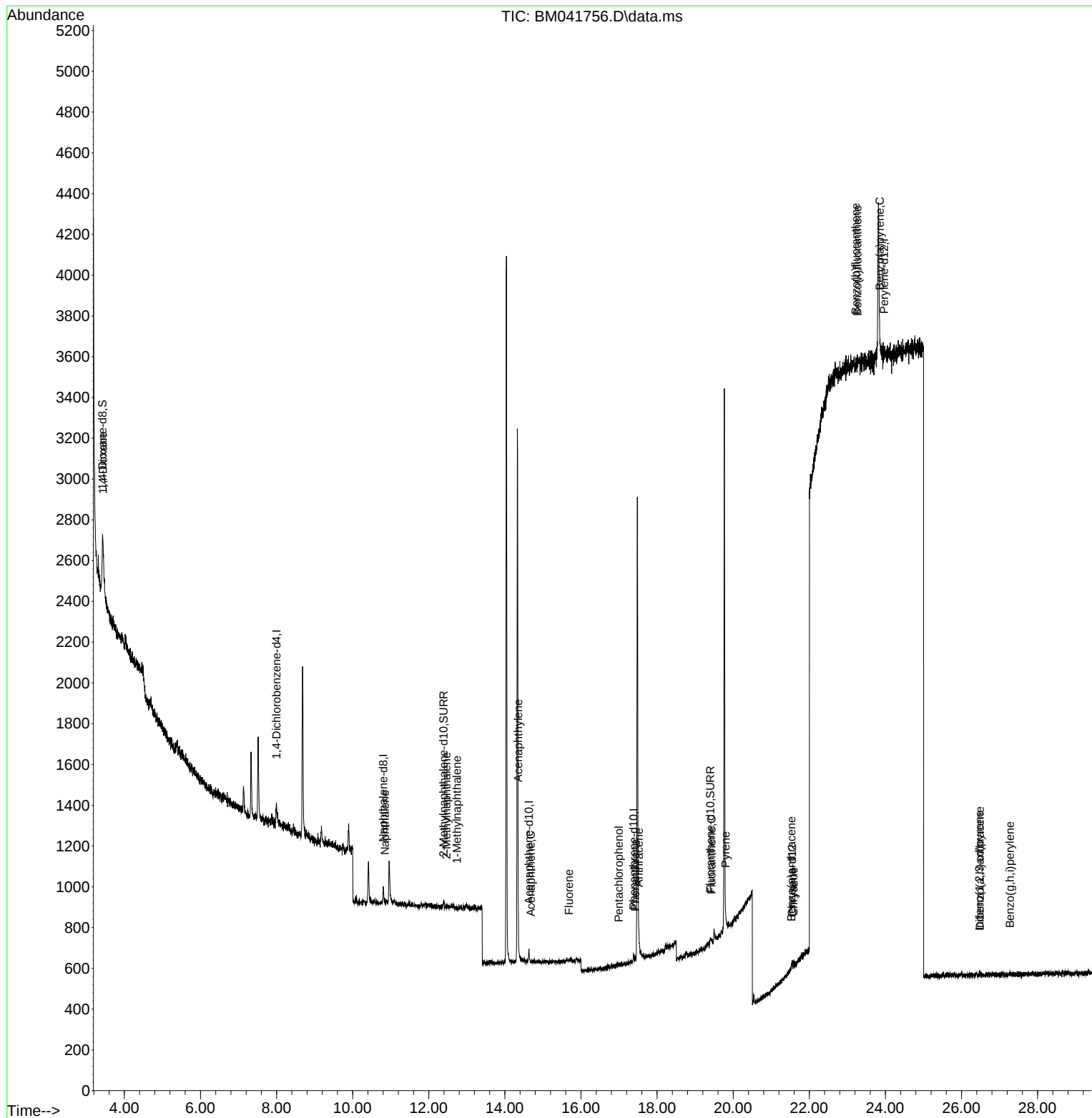
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	66	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	85	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	31	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.384	188	44	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	20	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	3	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	328	3.252	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.385	152	37	0.338	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	30	0.309	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.436	88	8	0.076	ng/ul#	16
5) Naphthalene	10.851	128	23	0.082	ng/ul#	1
7) 2-Methylnaphthalene	12.462	142	8	0.050	ng/ul	84
8) 1-Methylnaphthalene	12.737	142	5	0.031	ng/ul	93
10) Acenaphthylene	14.347	152	7	0.037	ng/ul#	1
11) Acenaphthene	14.685	153	8	0.054	ng/ul#	72
12) Fluorene	15.684	166	13	0.078	ng/ul#	52
14) Pentachlorophenol	16.995	266	1	0.057	ng/ul#	1
15) Phenanthrene	17.426	178	31	0.167	ng/ul#	1
16) Anthracene	17.523	178	20	0.126	ng/ul#	1
19) Fluoranthene	19.431	202	23	0.097	ng/ul#	1
20) Pyrene	19.799	202	17	0.073	ng/ul#	1
21) Benzo(a)anthracene	21.530	228	13	0.080	ng/ul#	1
22) Chrysene	21.589	228	16	0.091	ng/ul#	1
24) Benzo(b)fluoranthene	23.219	252	32	1.192	ng/ul#	1
25) Benzo(k)fluoranthene	23.263	252	13	0.495	ng/ul#	1
26) Benzo(a)pyrene	23.851	252	14	0.642	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	5	0.167	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.481	278	2	0.095	ng/ul#	1
29) Benzo(g,h,i)perylene	27.270	276	1	0.038	ng/ul#	1

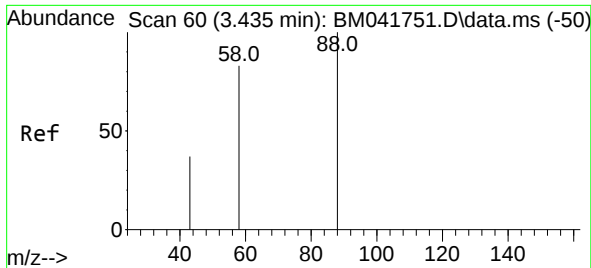
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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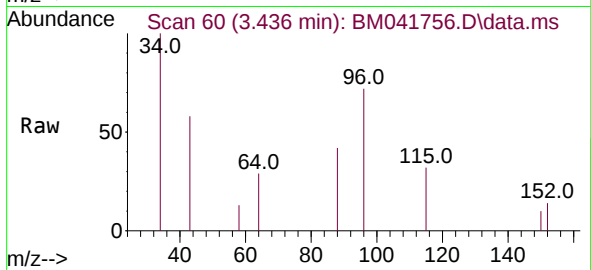
Quant Time: Sep 09 23:33:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
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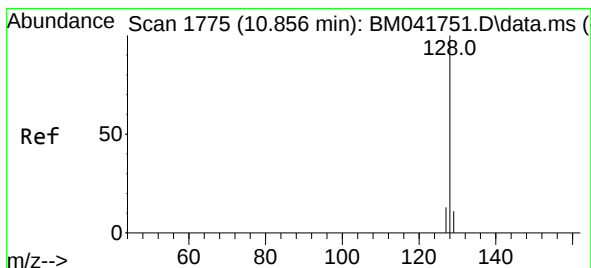
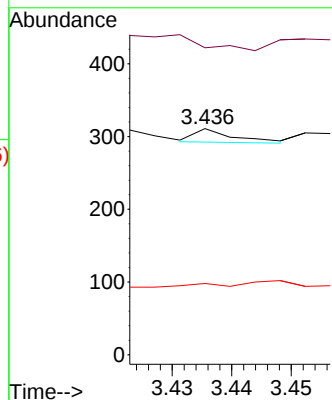
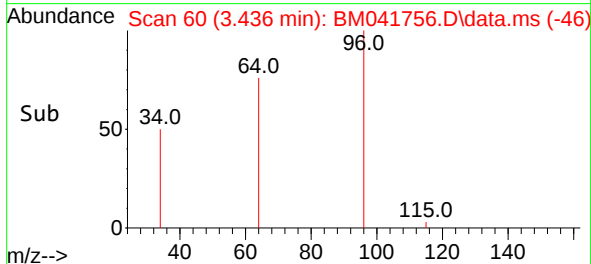


#2
1,4-Dioxane
Concen: 0.076 ng/ul
RT: 3.436 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

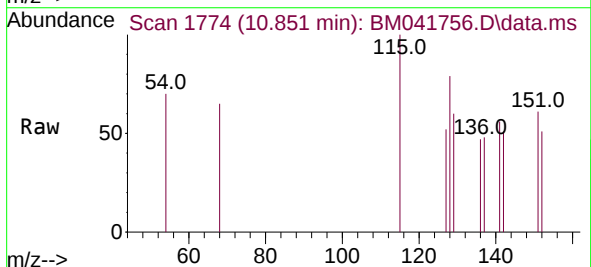
Instrument :
BNA_M
ClientSampleId :



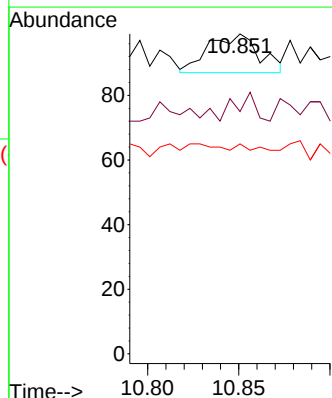
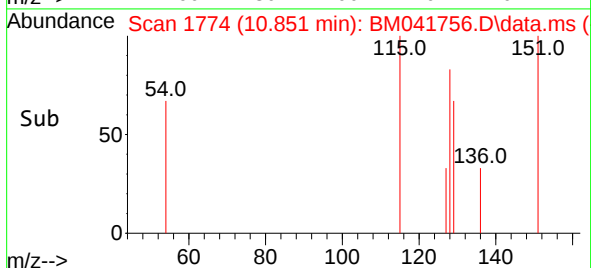
Tgt Ion: 88 Resp: 8
Ion Ratio Lower Upper
88 100
43 135.7 33.8 50.6#
58 31.5 54.2 81.2#

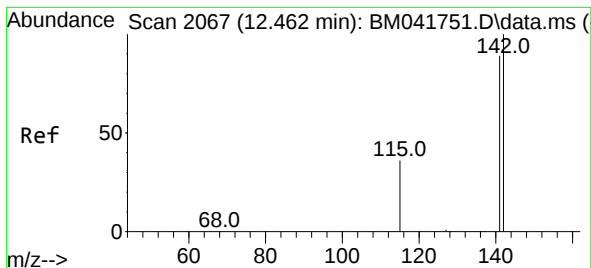


#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.851 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19



Tgt Ion: 128 Resp: 23
Ion Ratio Lower Upper
128 100
129 75.8 9.4 14.0#
127 65.7 11.0 16.6#

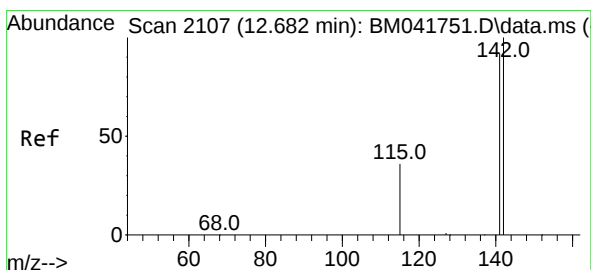
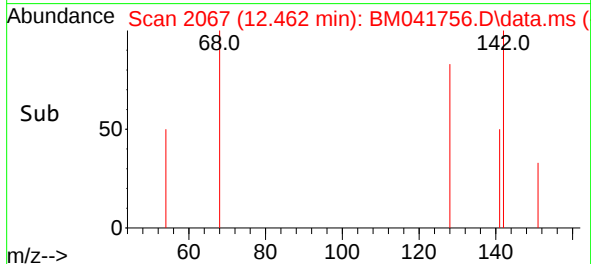
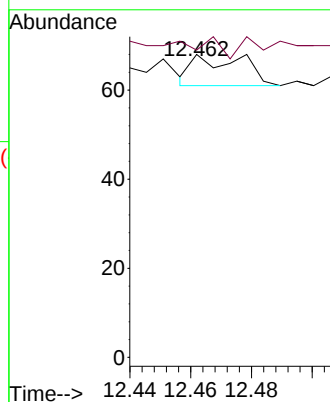
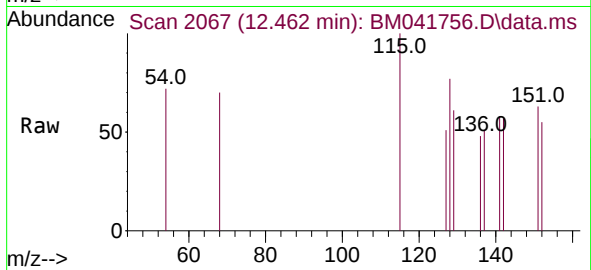




#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

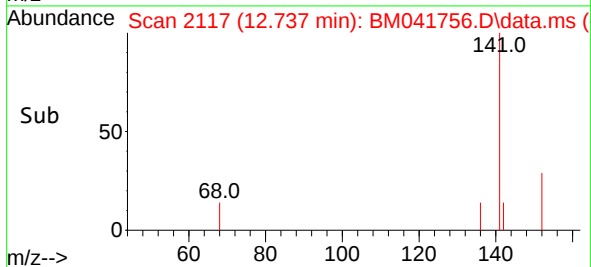
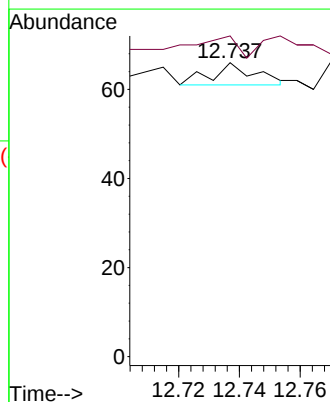
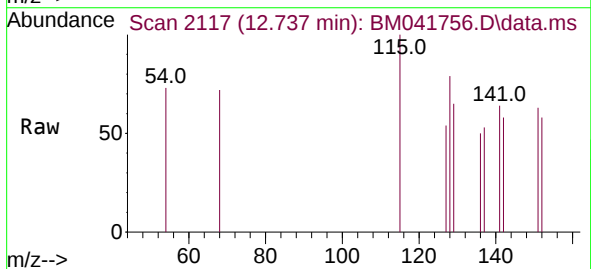
Instrument :
BNA_M
ClientSampleId :

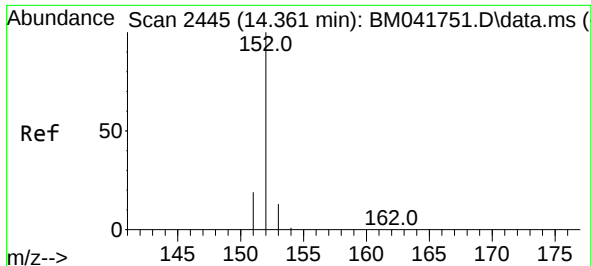
Tgt Ion:142 Resp: 8
Ion Ratio Lower Upper
142 100
141 75.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.055 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:142 Resp: 5
Ion Ratio Lower Upper
142 100
141 100.0 74.4 111.6

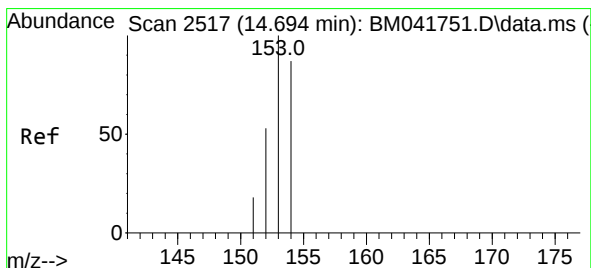
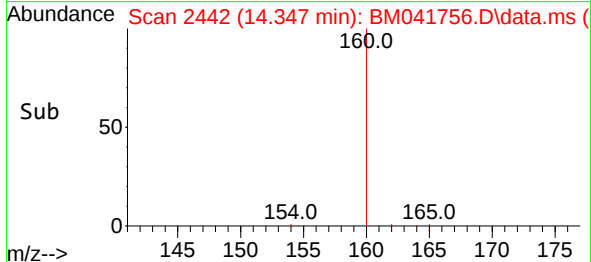
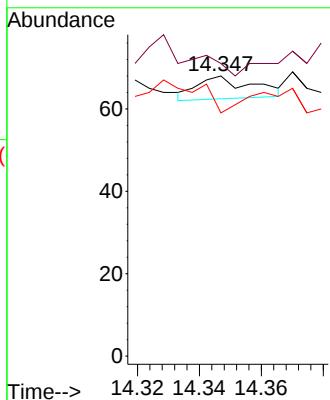
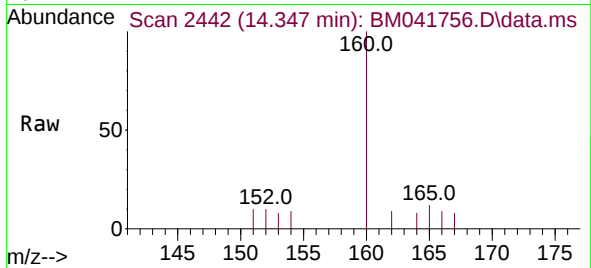




#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.347 min Scan# 2445
Delta R.T. -0.014 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

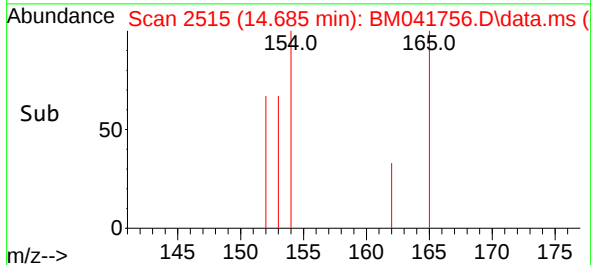
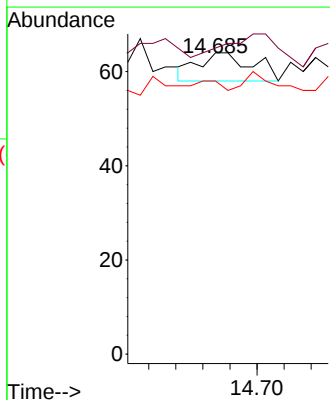
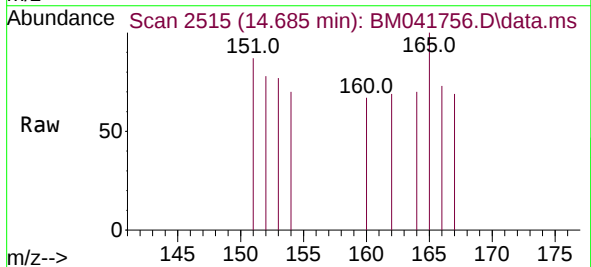
Instrument :
BNA_M
ClientSampleId :

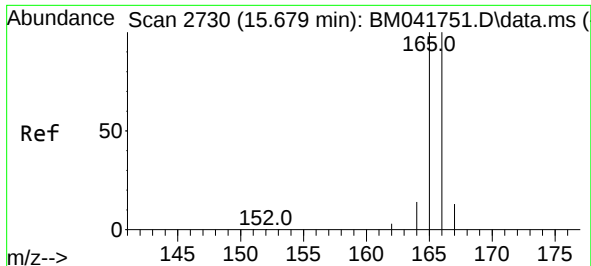
Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 104.4 16.4 24.6#
153 86.8 11.1 16.7#



#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

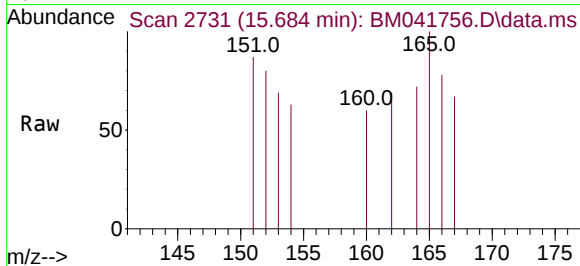
Tgt Ion:153 Resp: 8
Ion Ratio Lower Upper
153 100
152 101.6 43.4 65.2#
154 90.6 69.4 104.0



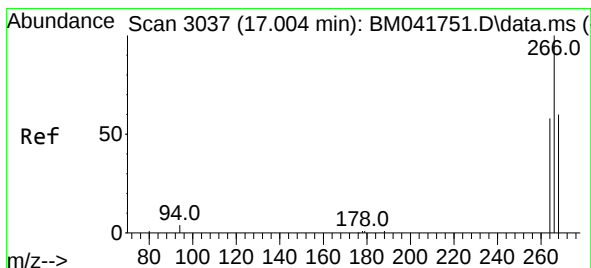
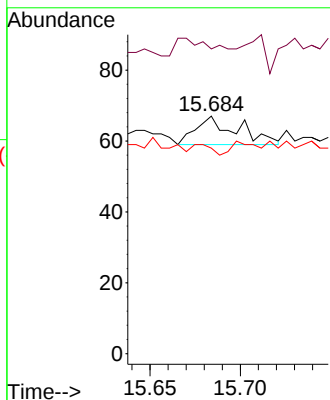
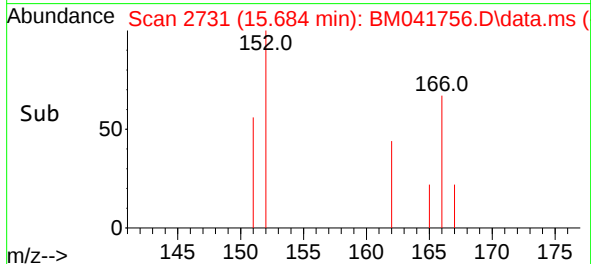


#12
Fluorene
Concen: 0.078 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

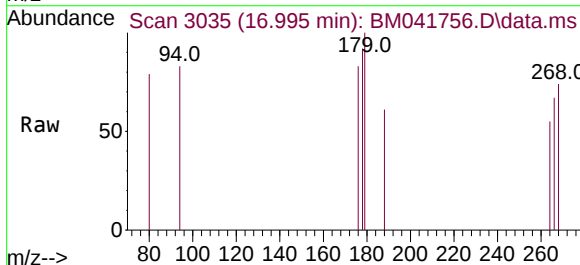
Instrument :
BNA_M
ClientSampleId :



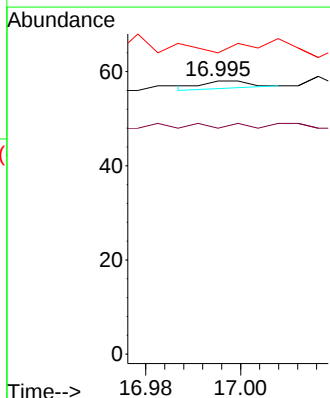
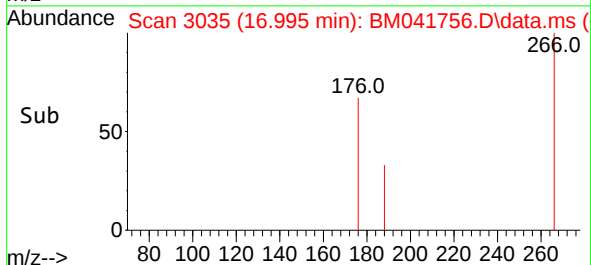
Tgt Ion:166 Resp: 13
Ion Ratio Lower Upper
166 100
165 128.4 79.4 119.2#
167 86.6 11.3 16.9#

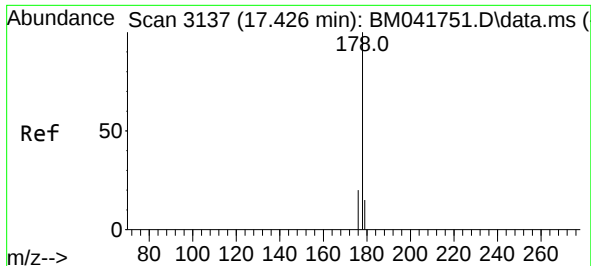


#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19



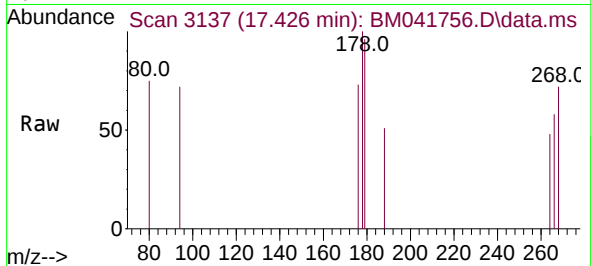
Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 100.0 50.0 75.0#
268 300.0 50.8 76.2#



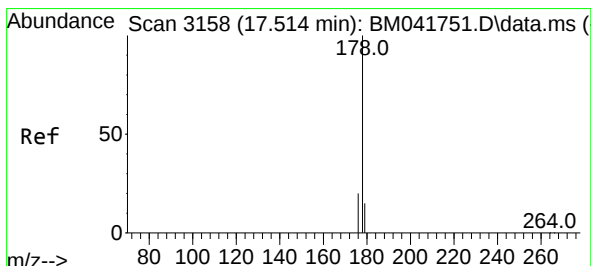
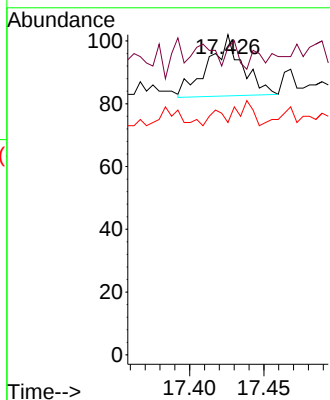
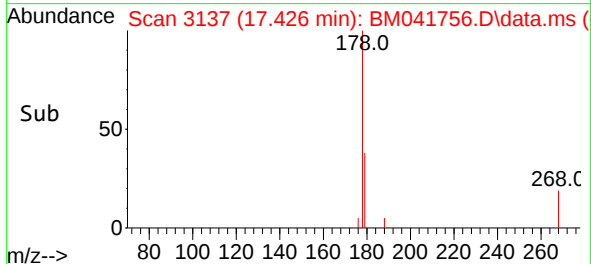


#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

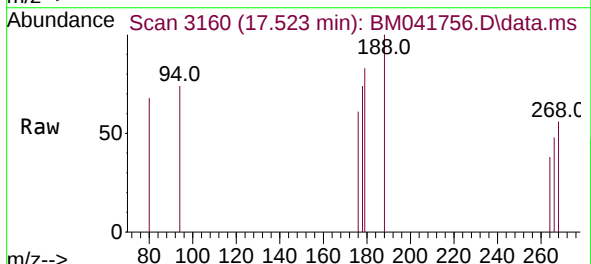
Instrument :
BNA_M
ClientSampleId :



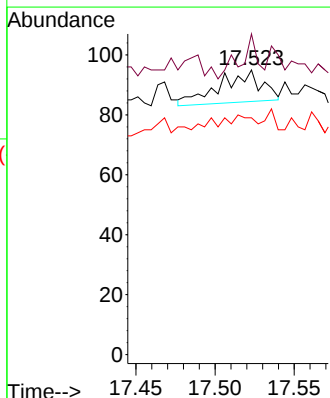
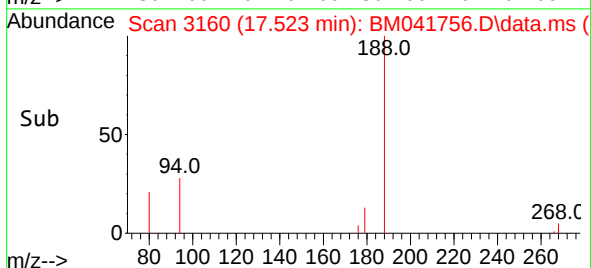
Tgt Ion:178 Resp: 31
Ion Ratio Lower Upper
178 100
179 96.1 12.9 19.3#
176 72.5 16.9 25.3#

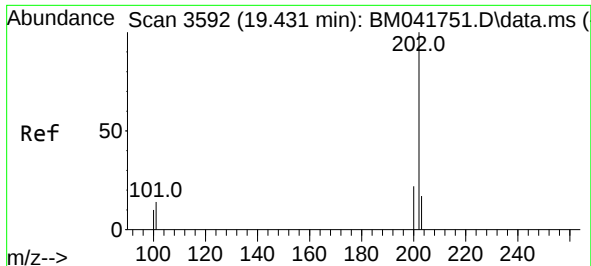


#16
Anthracene
Concen: 0.126 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. 0.009 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19



Tgt Ion:178 Resp: 20
Ion Ratio Lower Upper
178 100
179 112.6 12.9 19.3#
176 83.2 15.8 23.8#





#19

Fluoranthene

Concen: 0.097 ng/ul

RT: 19.431 min Scan# 3592

Delta R.T. 0.000 min

Lab File: BM041756.D

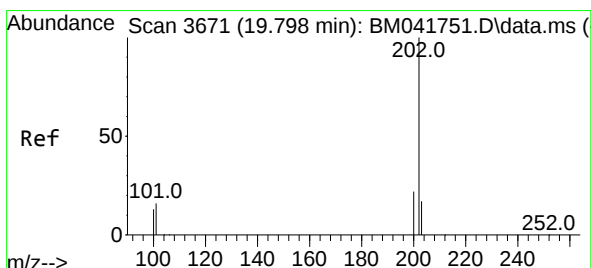
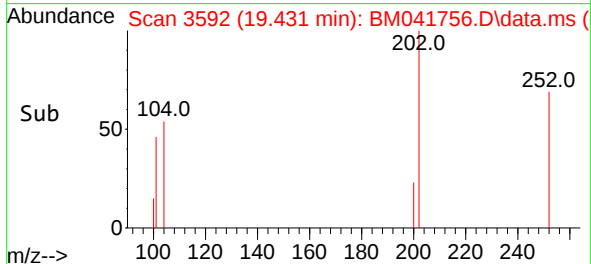
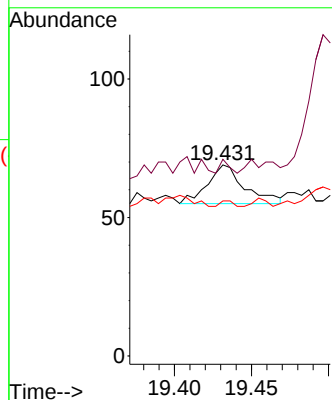
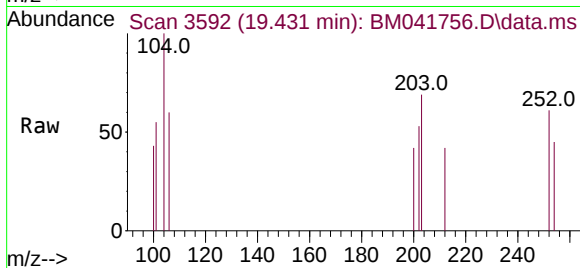
Acq: 09 Sep 2023 19:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	202	Resp:	23
Ion	Ratio	Lower	Upper
202	100		
101	102.9	10.5	15.7#
100	81.2	8.4	12.6#



#20

Pyrene

Concen: 0.073 ng/ul

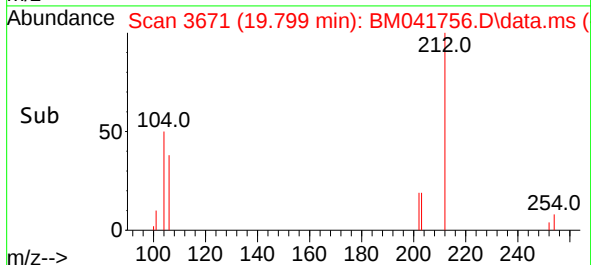
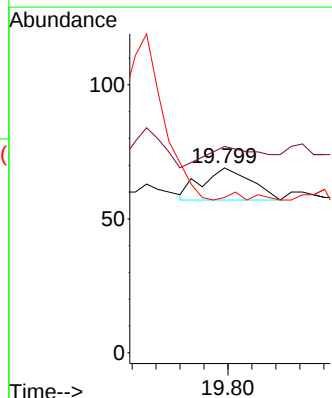
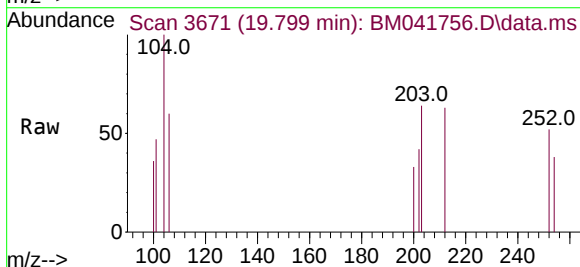
RT: 19.799 min Scan# 3671

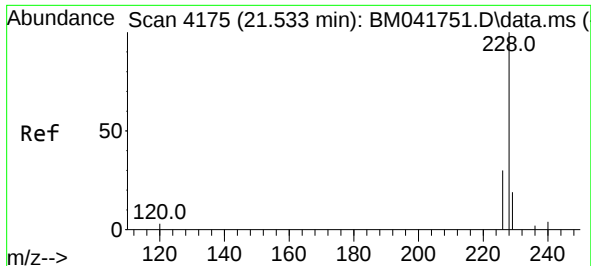
Delta R.T. 0.000 min

Lab File: BM041756.D

Acq: 09 Sep 2023 19:19

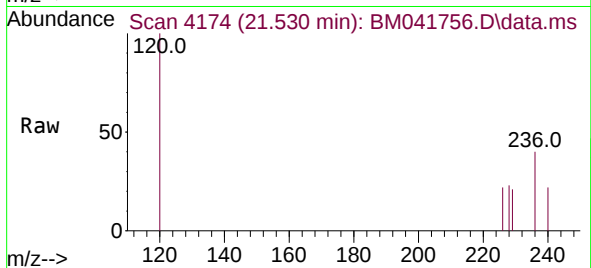
Tgt Ion:	202	Resp:	17
Ion	Ratio	Lower	Upper
202	100		
101	111.6	11.8	17.8#
100	84.1	9.8	14.6#



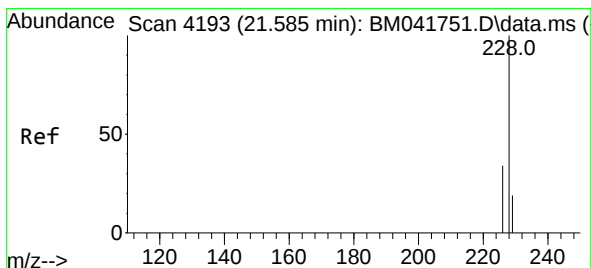
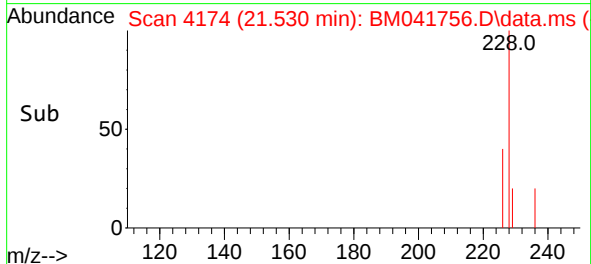
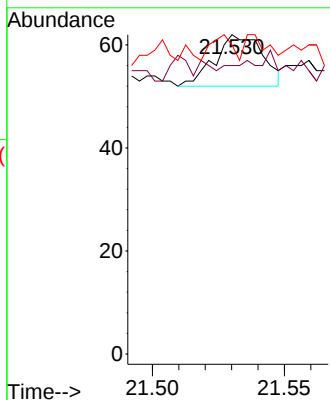


#21
Benzo(a)anthracene
Concen: 0.080 ng/ul
RT: 21.530 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :

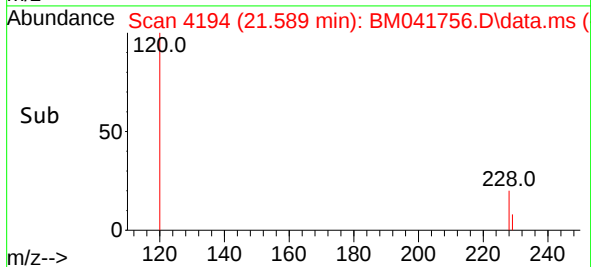
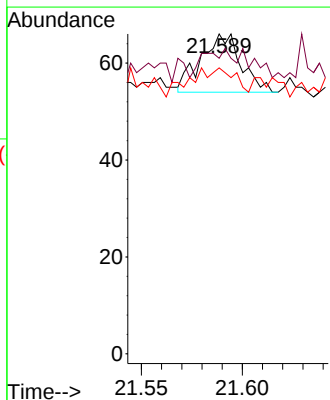
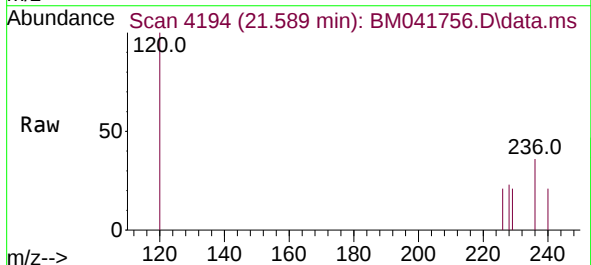


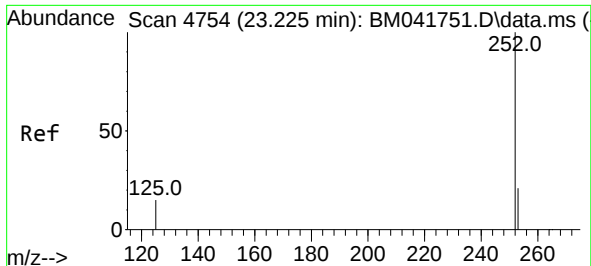
Tgt Ion:228 Resp: 13
Ion Ratio Lower Upper
228 100
229 90.3 15.8 23.6#
226 96.8 24.8 37.2#



#22
Chrysene
Concen: 0.091 ng/ul
RT: 21.589 min Scan# 4194
Delta R.T. 0.003 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

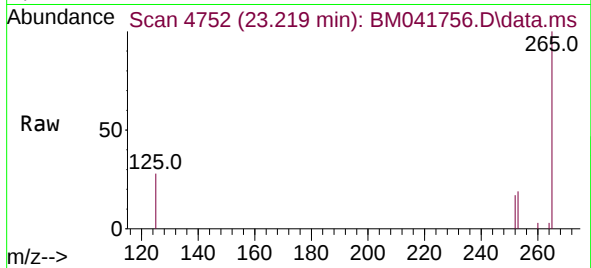
Tgt Ion:228 Resp: 16
Ion Ratio Lower Upper
228 100
226 92.4 27.0 40.6#
229 89.4 15.4 23.2#



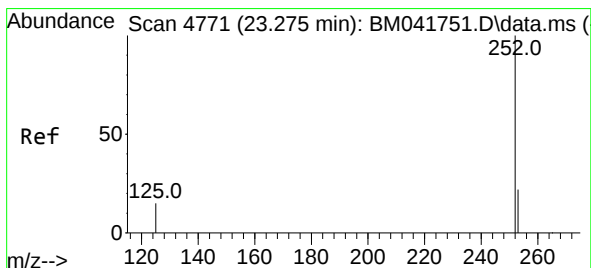
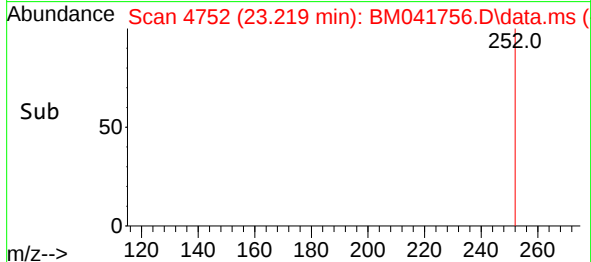
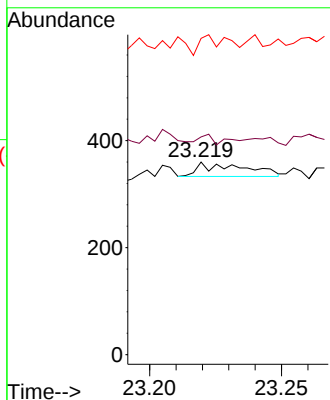


#24
Benzo(b)fluoranthene
Concen: 1.192 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :

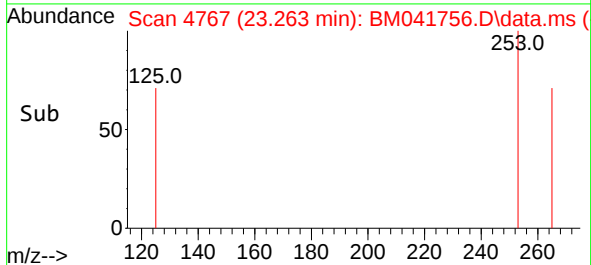
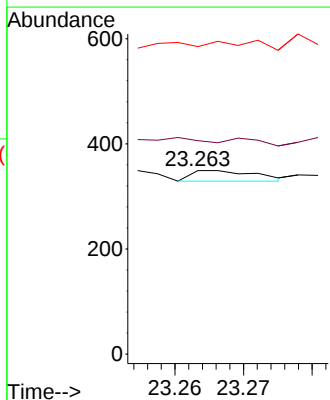
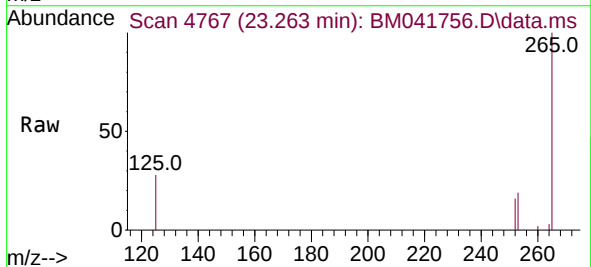


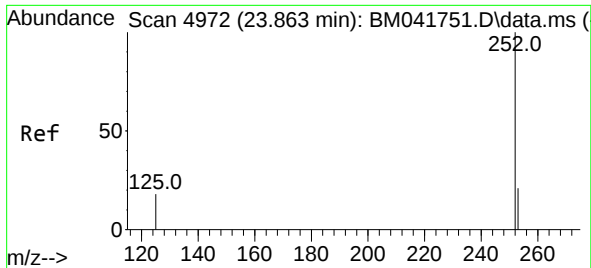
Tgt Ion:252 Resp: 32
Ion Ratio Lower Upper
252 100
253 113.1 0.0 52.4#
125 164.2 0.0 42.8#



#25
Benzo(k)fluoranthene
Concen: 0.495 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:252 Resp: 13
Ion Ratio Lower Upper
252 100
253 116.3 21.3 31.9#
125 167.6 17.4 26.0#

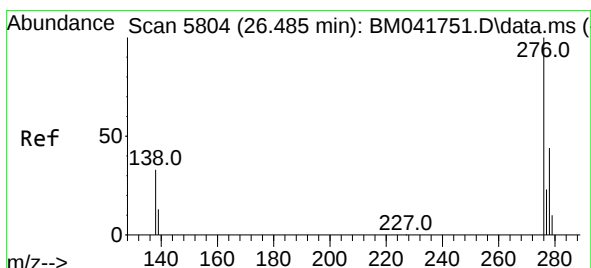
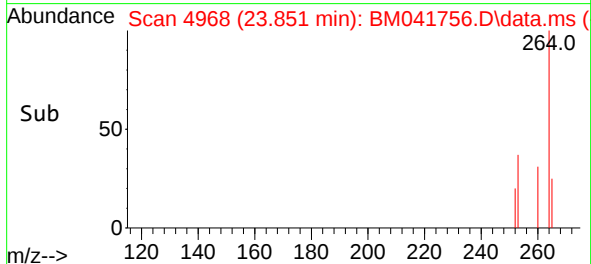
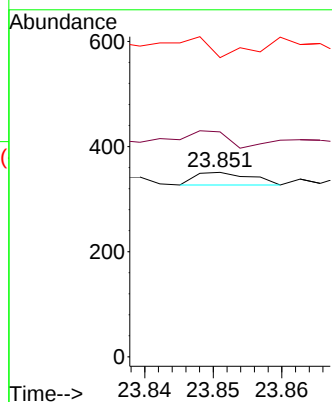
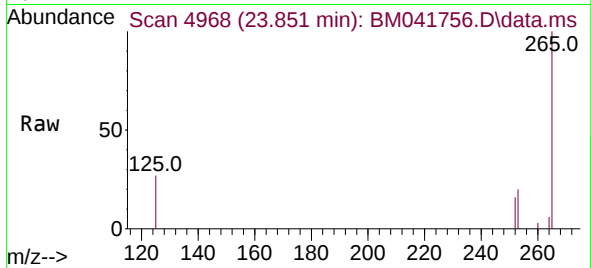




#26
Benzo(a)pyrene
Concen: 0.642 ng/ul
RT: 23.851 min Scan# 4972
Delta R.T. -0.012 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

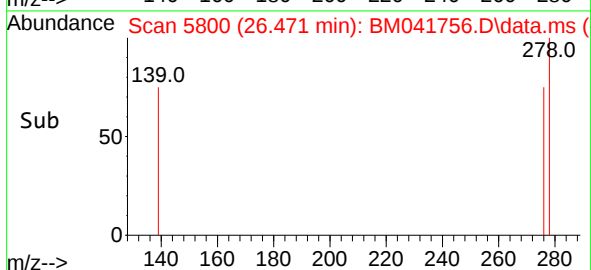
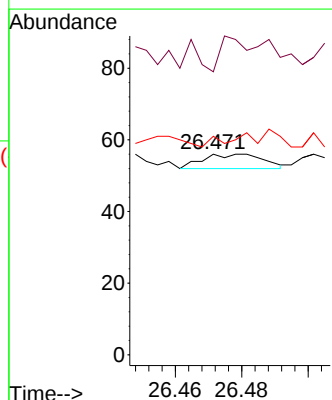
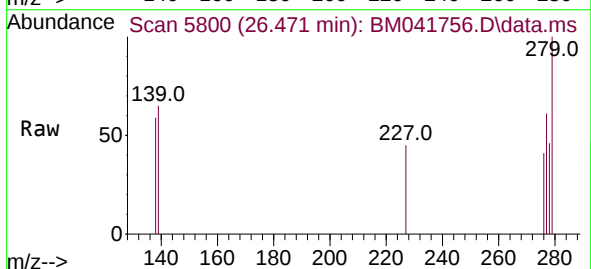
Instrument :
BNA_M
ClientSampleId :

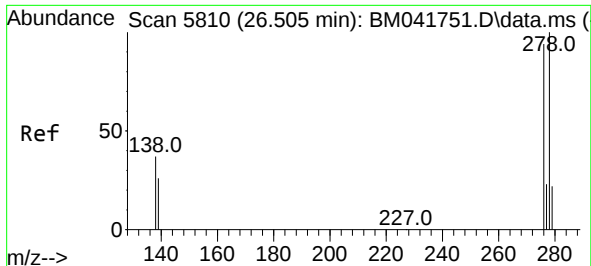
Tgt Ion:252 Resp: 14
Ion Ratio Lower Upper
252 100
253 121.9 22.4 33.6#
125 162.1 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng/ul
RT: 26.471 min Scan# 5800
Delta R.T. -0.013 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:276 Resp: 5
Ion Ratio Lower Upper
276 100
138 200.0 26.4 39.6#
227 40.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.095 ng/ul

RT: 26.481 min Scan# 5803

Delta R.T. -0.023 min

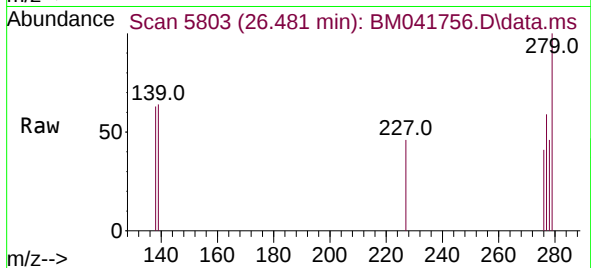
Lab File: BM041756.D

Acq: 09 Sep 2023 19:19

Instrument :

BNA_M

ClientSampleId :



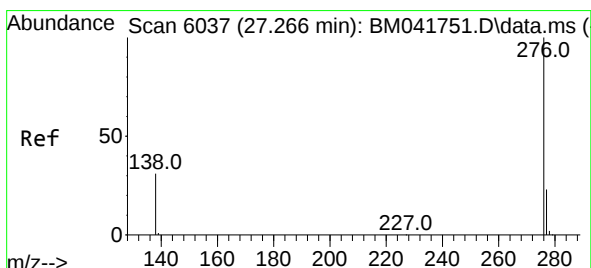
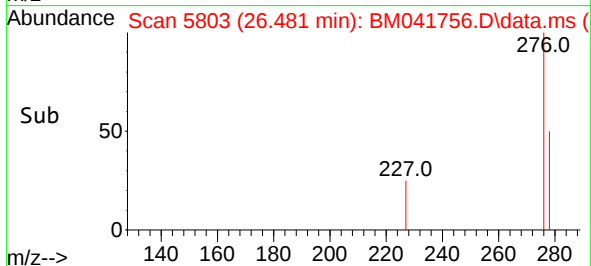
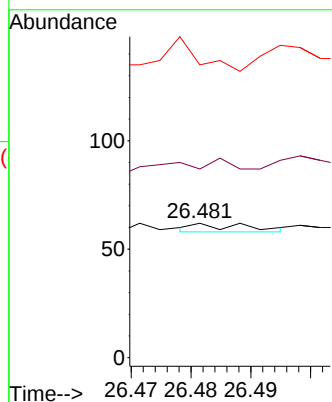
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 140.3 23.0 34.6#

279 217.7 22.9 34.3#



#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul

RT: 27.270 min Scan# 6038

Delta R.T. 0.004 min

Lab File: BM041756.D

Acq: 09 Sep 2023 19:19

Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 164.3 25.0 37.4#

277 144.6 20.2 30.2#

