

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041735.D
 Acq On : 08 Sep 2023 17:57
 Operator : MA/JU
 Sample : PB155142BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 00:27:10 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)

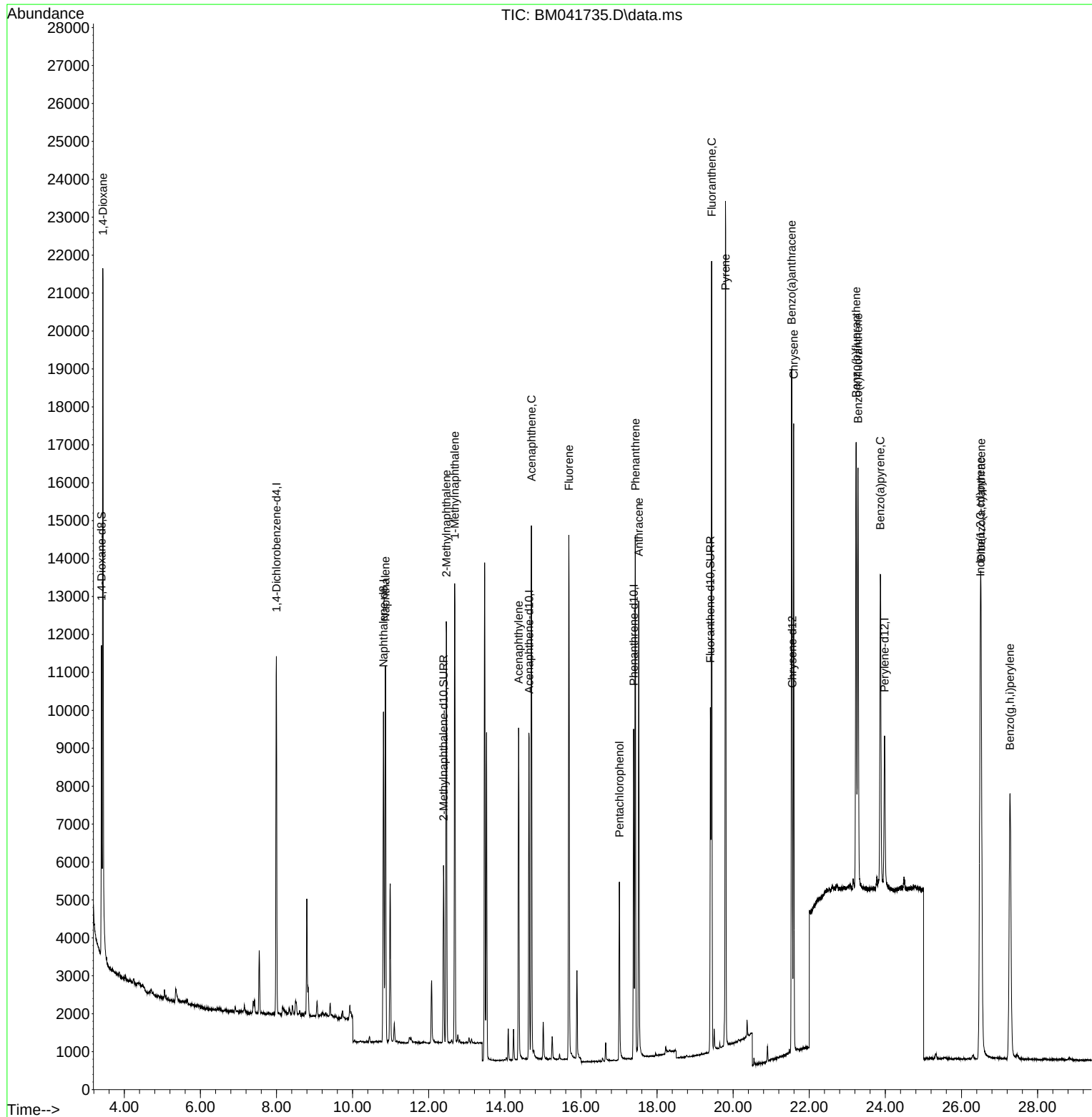
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	4644	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	11177	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.638	164	4538	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.388	188	9402	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	4746	0.400	ng/u1	0.00
23) Perylene-d12	23.979	264	5442	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	4706	0.663	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.390	152	5699	0.396	ng/u1	0.00
18) Fluoranthene-d10	19.403	212	8144	0.354	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	11245	1.525	ng/u1	96
5) Naphthalene	10.861	128	13235	0.361	ng/u1	99
7) 2-Methylnaphthalene	12.462	142	7617	0.366	ng/u1	100
8) 1-Methylnaphthalene	12.682	142	8121	0.388	ng/u1	100
10) Acenaphthylene	14.361	152	10416	0.371	ng/u1	99
11) Acenaphthene	14.698	153	8128	0.373	ng/u1	99
12) Fluorene	15.684	166	9115	0.373	ng/u1	99
14) Pentachlorophenol	17.012	266	3247	0.863	ng/u1	99
15) Phenanthrene	17.430	178	14537	0.366	ng/u1	99
16) Anthracene	17.519	178	12870	0.378	ng/u1	99
19) Fluoranthene	19.436	202	16665	0.298	ng/u1	99
20) Pyrene	19.798	202	17830	0.320	ng/u1	96
21) Benzo(a)anthracene	21.536	228	14343	0.371	ng/u1	99
22) Chrysene	21.591	228	14132	0.338	ng/u1	99
24) Benzo(b)fluoranthene	23.231	252	15342	0.315	ng/u1	96
25) Benzo(k)fluoranthene	23.281	252	15038	0.315	ng/u1	97
26) Benzo(a)pyrene	23.868	252	13201	0.334	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.495	276	18519	0.341	ng/u1#	96
28) Dibenzo(a,h)anthracene	26.515	278	13244	0.348	ng/u1	97
29) Benzo(g,h,i)perylene	27.273	276	15810	0.329	ng/u1	99

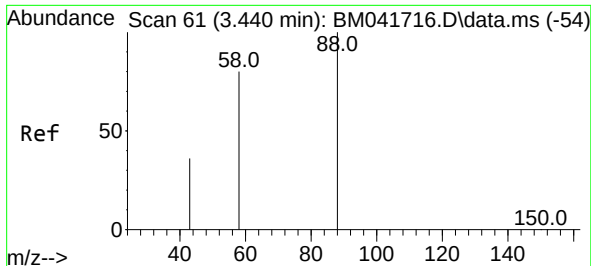
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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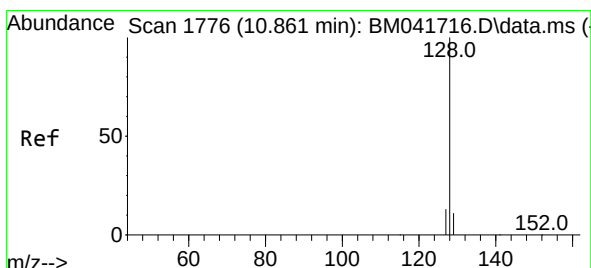
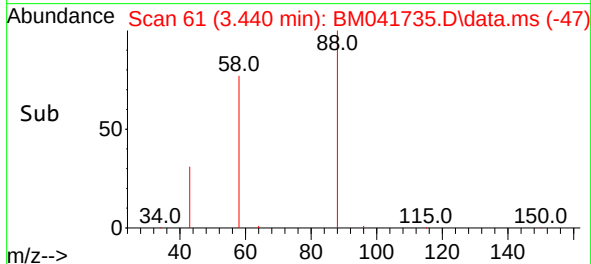
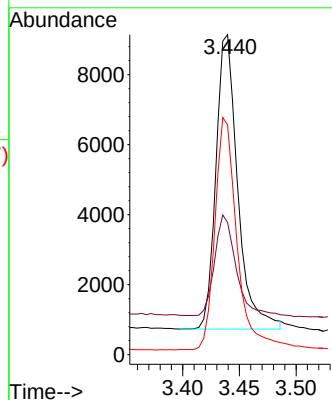
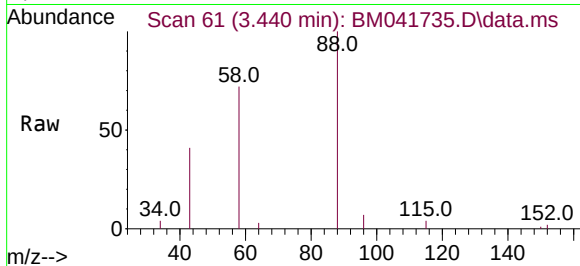




#2
1,4-Dioxane
Concen: 1.525 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

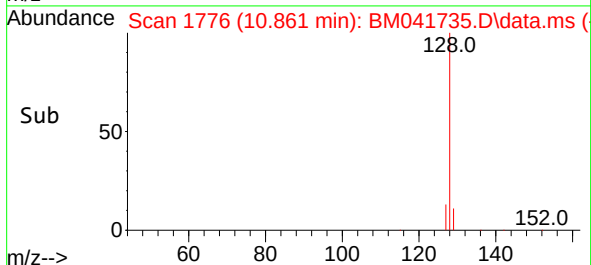
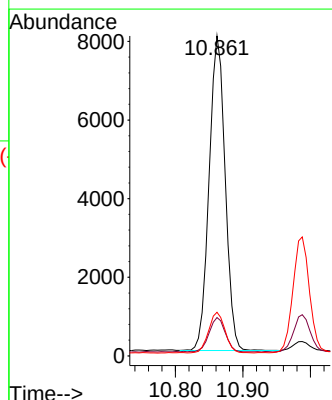
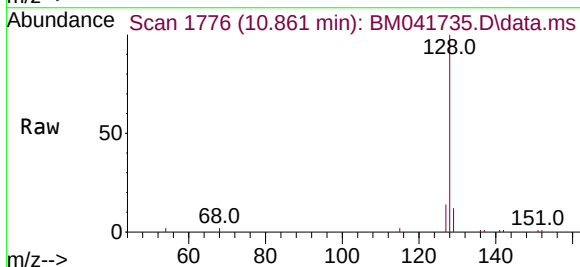
Instrument :
BNA_M
ClientSampleId :

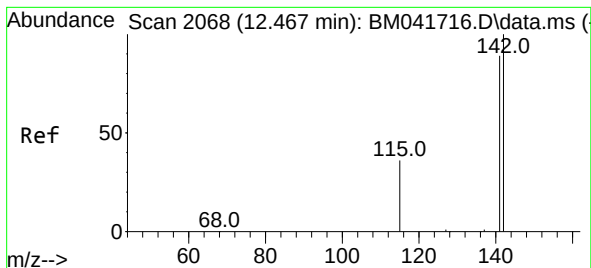
Tgt Ion: 88 Resp: 11245
Ion Ratio Lower Upper
88 100
43 41.3 33.8 50.6
58 71.9 54.2 81.2



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

Tgt Ion: 128 Resp: 13235
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.6 11.0 16.6

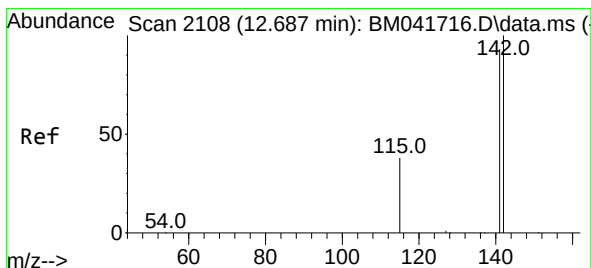
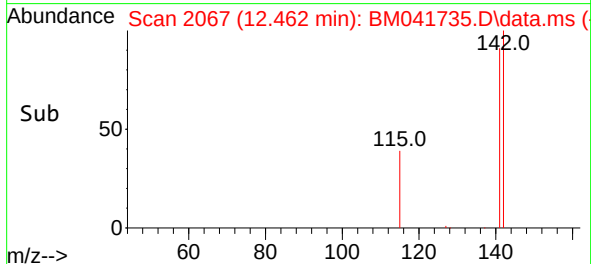
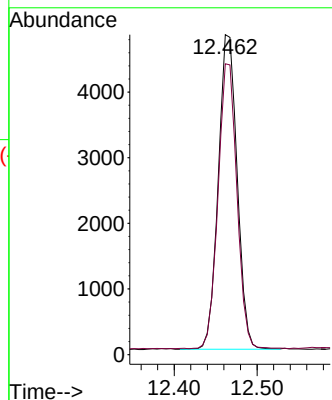
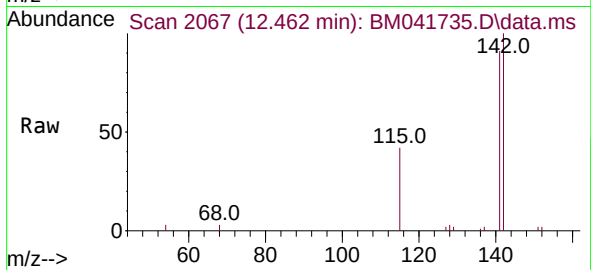




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

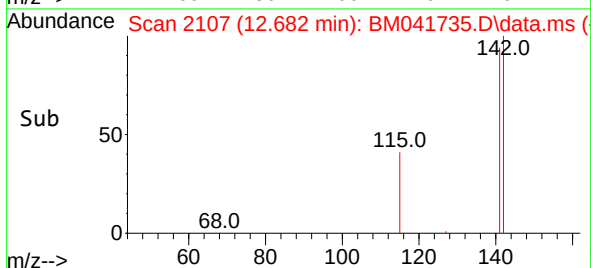
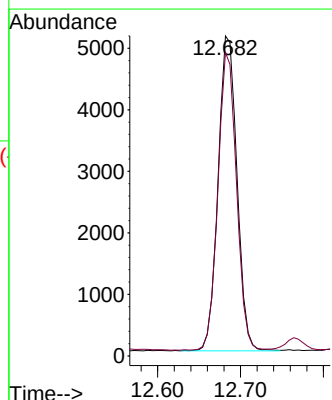
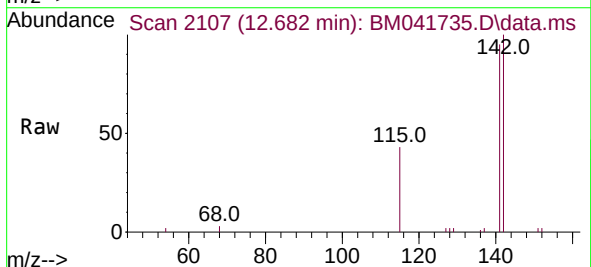
Instrument :
BNA_M
ClientSampleId :

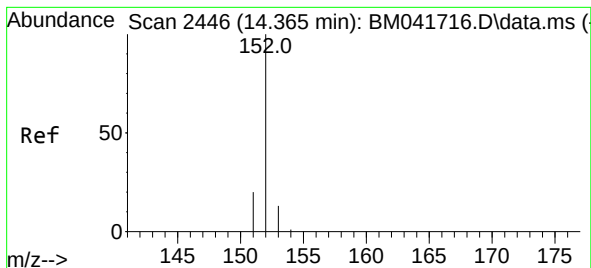
Tgt Ion:142 Resp: 7617
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

Tgt Ion:142 Resp: 8121
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6





#10

Acenaphthylene

Concen: 0.371 ng/ul

RT: 14.361 min Scan# 2446

Delta R.T. -0.005 min

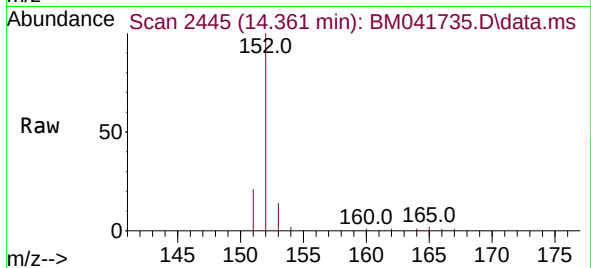
Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

Instrument :

BNA_M

ClientSampleId :



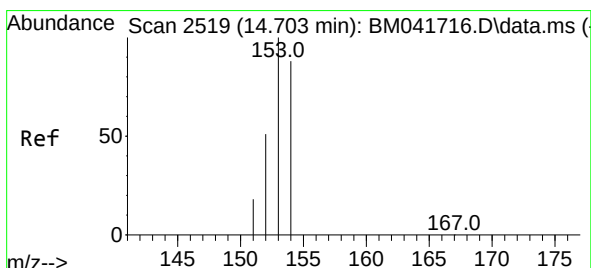
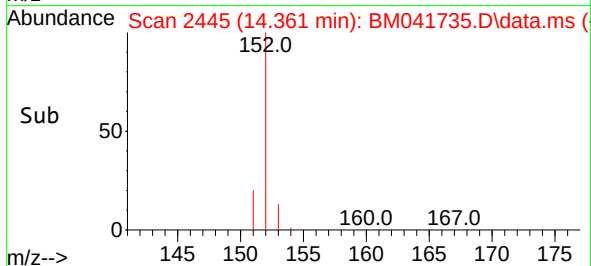
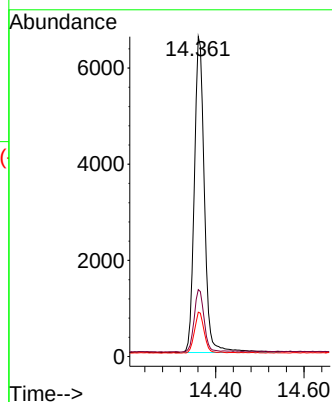
Tgt Ion:152 Resp: 10416

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 13.9 11.1 16.7



#11

Acenaphthene

Concen: 0.373 ng/ul

RT: 14.698 min Scan# 2518

Delta R.T. -0.005 min

Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

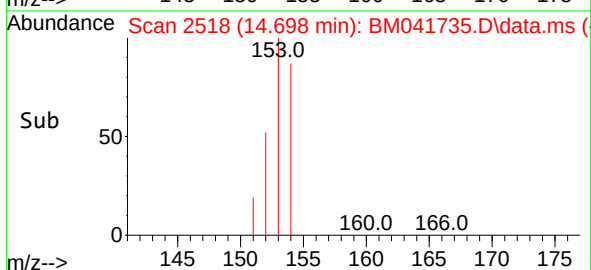
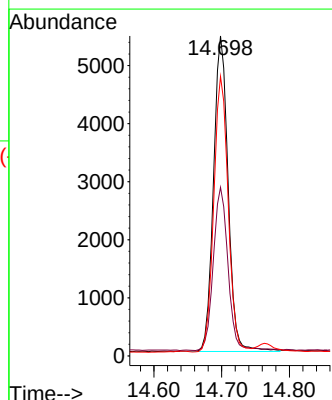
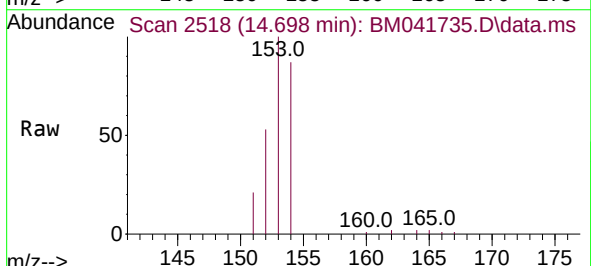
Tgt Ion:153 Resp: 8128

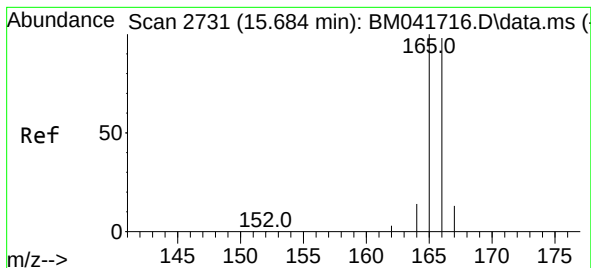
Ion Ratio Lower Upper

153 100

152 52.7 43.4 65.2

154 87.3 69.4 104.0





#12

Fluorene

Concen: 0.373 ng/ul

RT: 15.684 min Scan# 2731

Delta R.T. 0.000 min

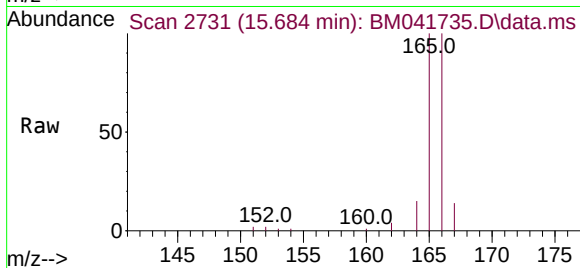
Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

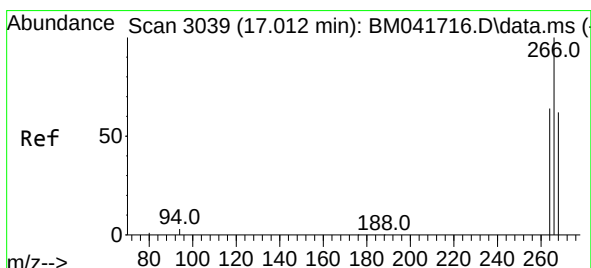
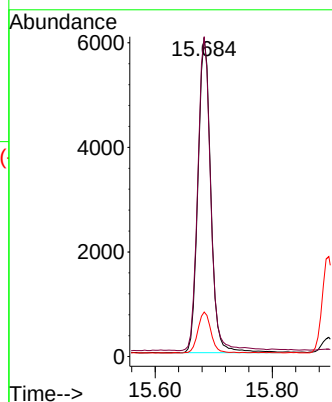
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	166	Resp:	9115
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.4	119.2
167	14.0	11.3	16.9



#14

Pentachlorophenol

Concen: 0.863 ng/ul

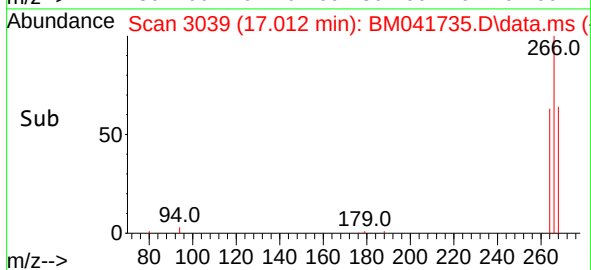
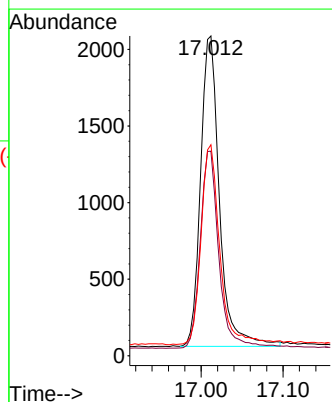
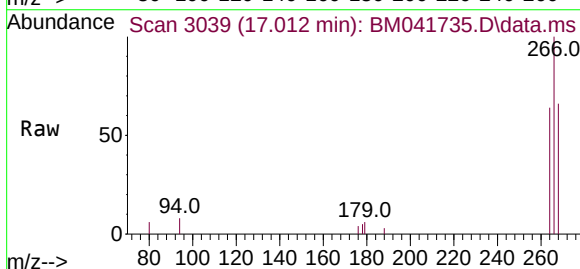
RT: 17.012 min Scan# 3039

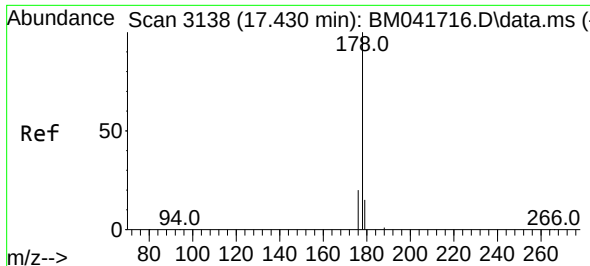
Delta R.T. -0.000 min

Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

Tgt Ion:	266	Resp:	3247
Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	64.5	50.8	76.2

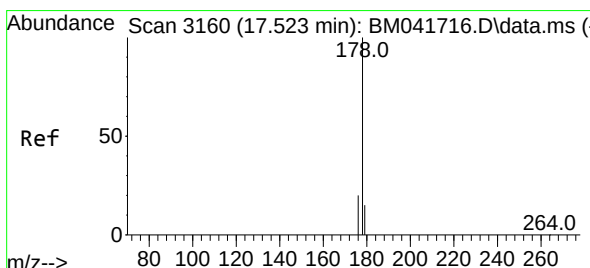
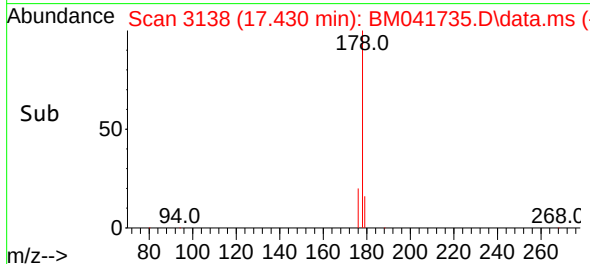
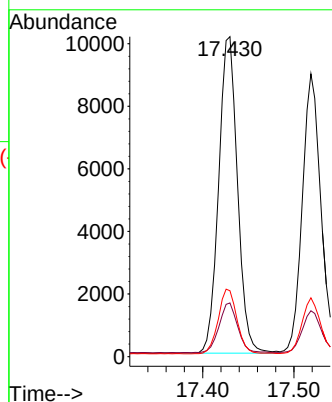
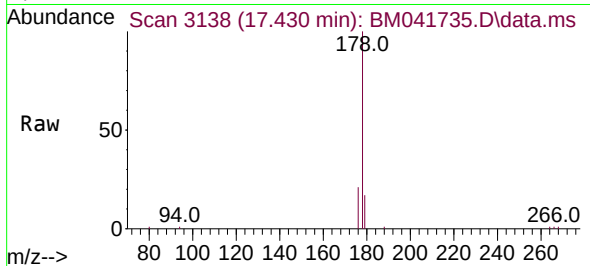




#15
 Phenanthrene
 Concen: 0.366 ng/ul
 RT: 17.430 min Scan# 3138
 Delta R.T. -0.000 min
 Lab File: BM041735.D
 Acq: 08 Sep 2023 17:57

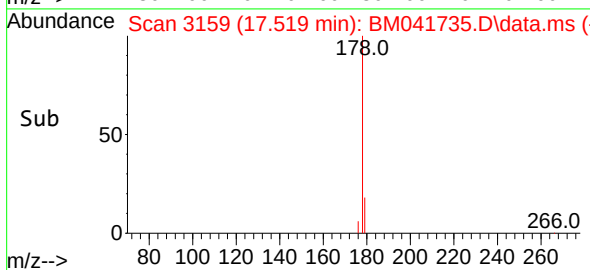
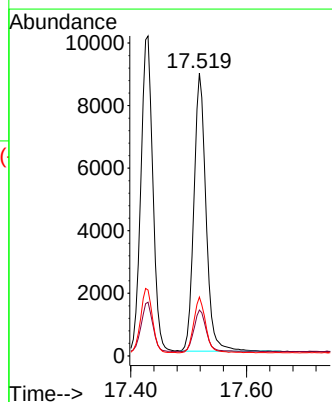
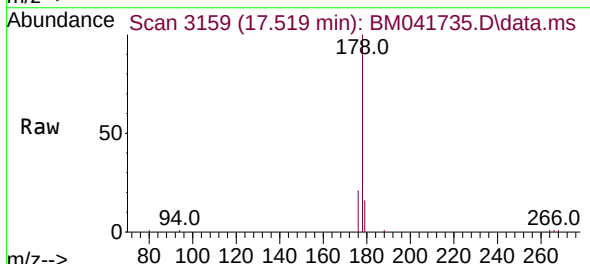
Instrument :
 BNA_M
 ClientSampleId :

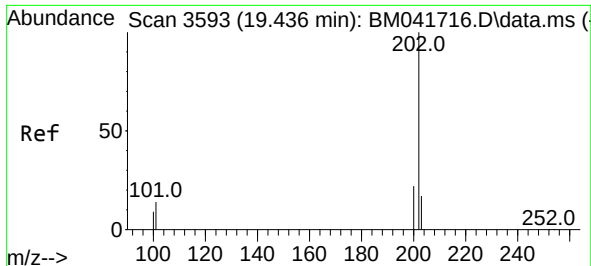
Tgt Ion:178 Resp: 14537
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.9 19.3
 176 20.6 16.9 25.3



#16
 Anthracene
 Concen: 0.378 ng/ul
 RT: 17.519 min Scan# 3159
 Delta R.T. -0.004 min
 Lab File: BM041735.D
 Acq: 08 Sep 2023 17:57

Tgt Ion:178 Resp: 12870
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.9 19.3
 176 20.8 15.8 23.8





#19

Fluoranthene

Concen: 0.298 ng/ul

RT: 19.436 min Scan# 3593

Delta R.T. -0.000 min

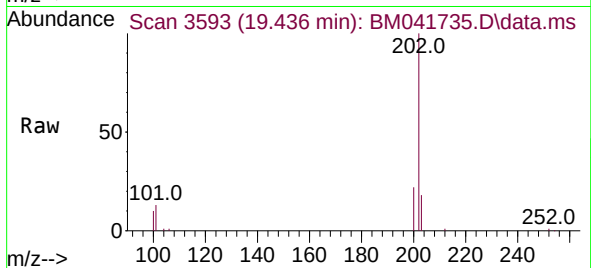
Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

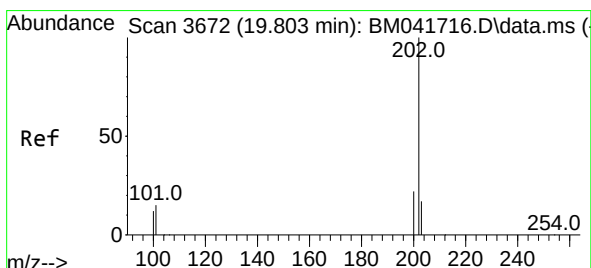
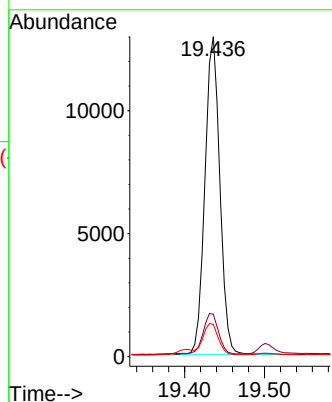
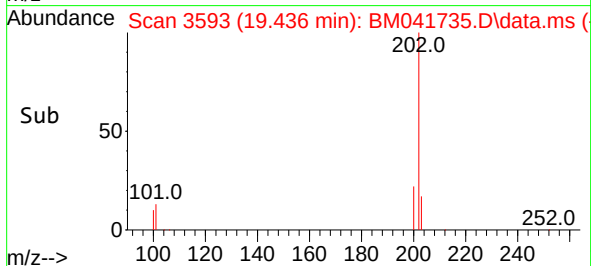
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	16665
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.5	15.7
100	10.1	8.4	12.6



#20

Pyrene

Concen: 0.320 ng/ul

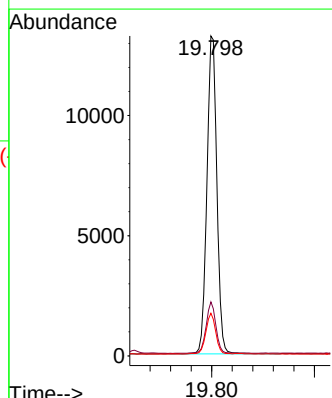
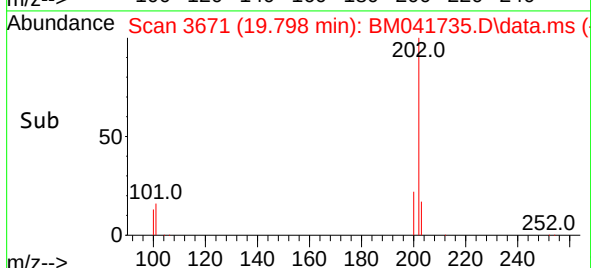
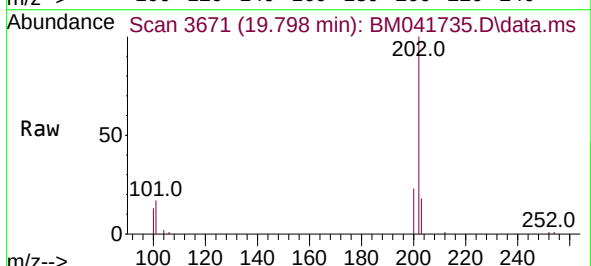
RT: 19.798 min Scan# 3671

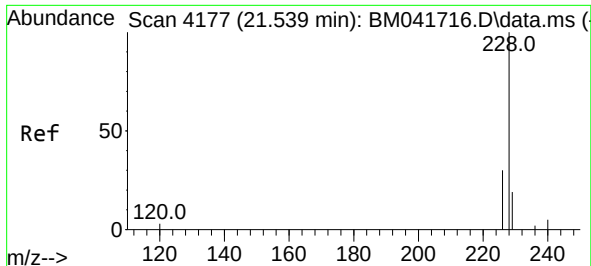
Delta R.T. -0.005 min

Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

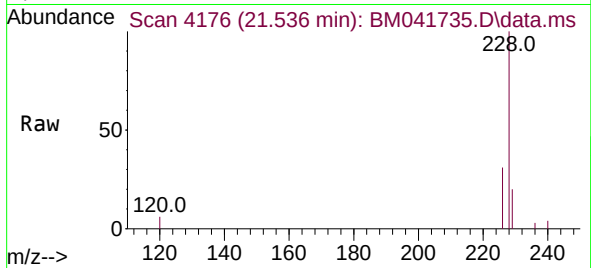
Tgt Ion:	202	Resp:	17830
Ion Ratio	Lower	Upper	
202	100		
101	16.9	11.8	17.8
100	13.3	9.8	14.6



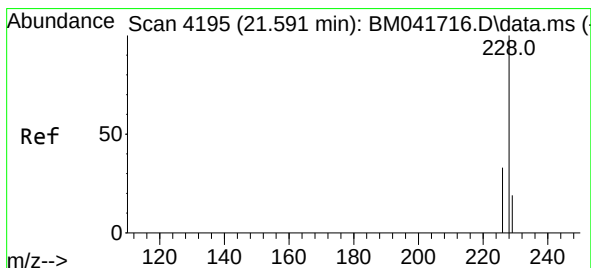
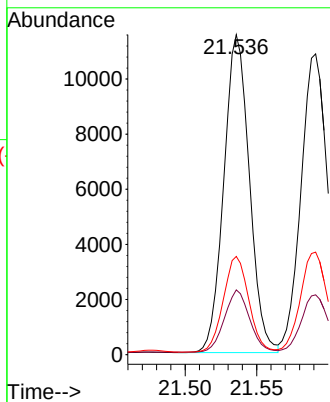
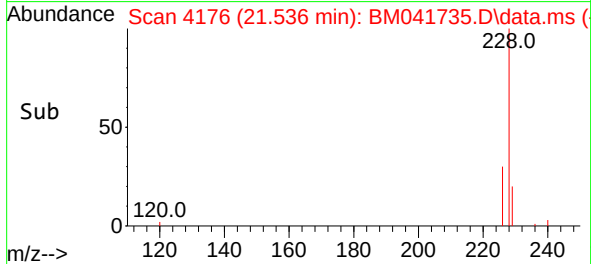


#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

Instrument :
BNA_M
ClientSampleId :

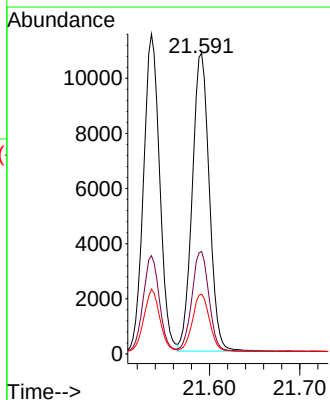
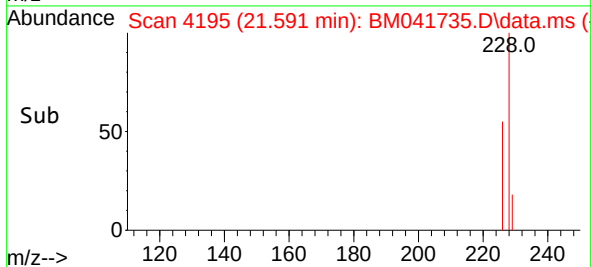
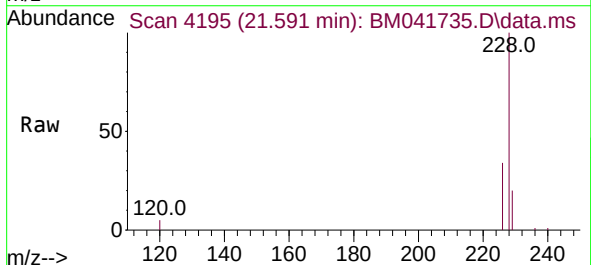


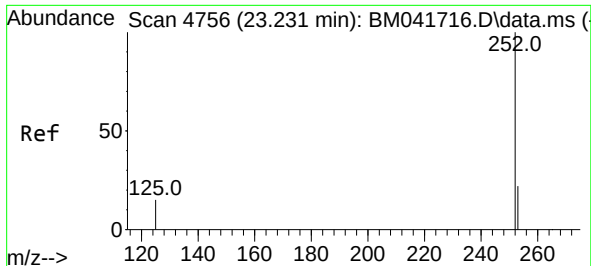
Tgt Ion:228 Resp: 14343
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 30.7 24.8 37.2



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. -0.000 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

Tgt Ion:228 Resp: 14132
Ion Ratio Lower Upper
228 100
226 34.1 27.0 40.6
229 19.9 15.4 23.2

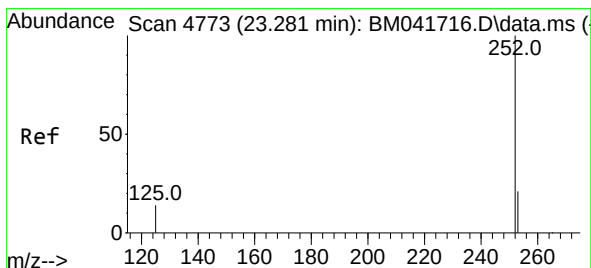
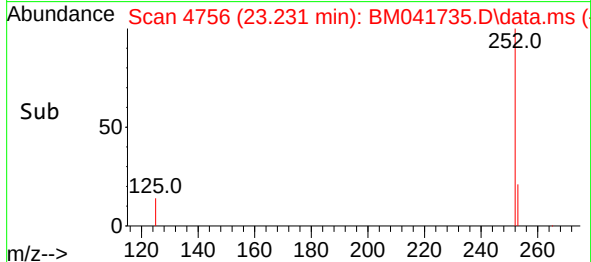
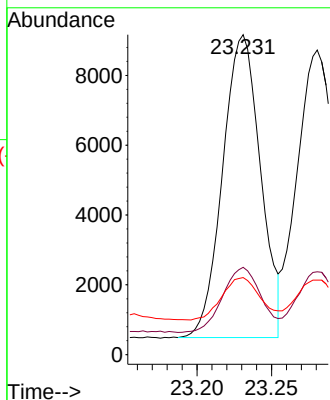
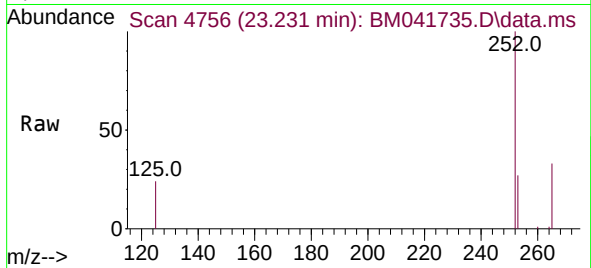




#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

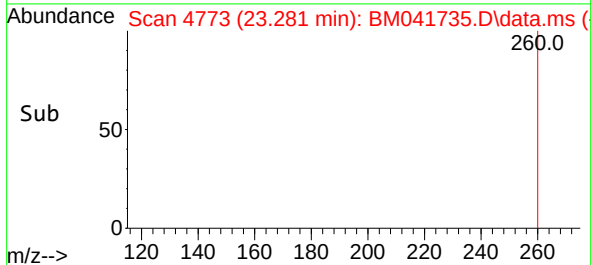
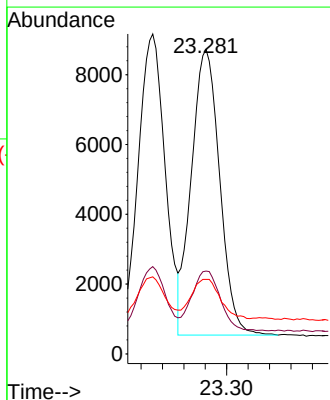
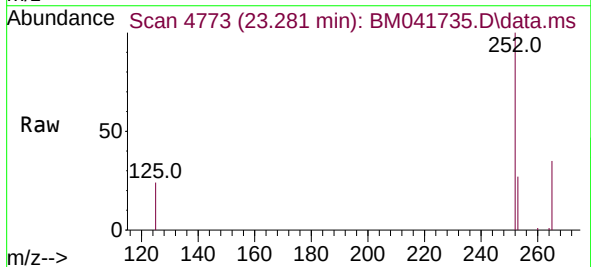
Instrument :
BNA_M
ClientSampleId :

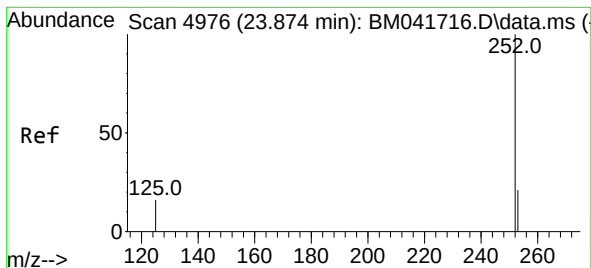
Tgt Ion:252 Resp: 15342
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.4
125 24.1 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM041735.D
Acq: 08 Sep 2023 17:57

Tgt Ion:252 Resp: 15038
Ion Ratio Lower Upper
252 100
253 27.2 21.3 31.9
125 24.5 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.334 ng/ul

RT: 23.868 min Scan# 4976

Delta R.T. -0.006 min

Lab File: BM041735.D

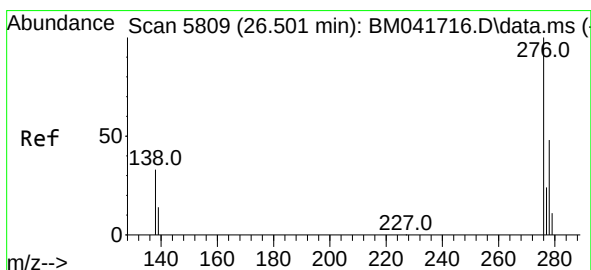
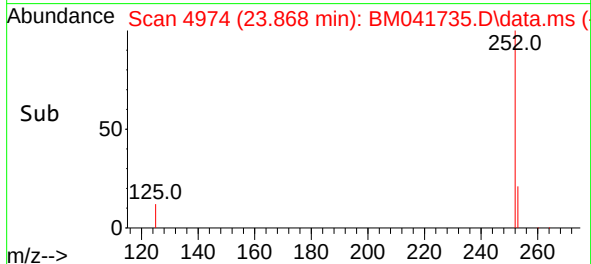
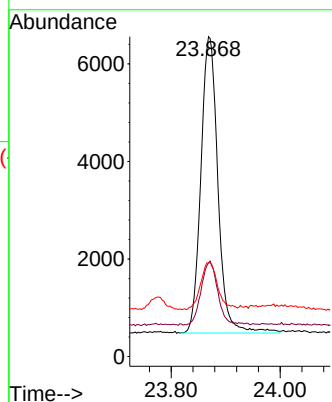
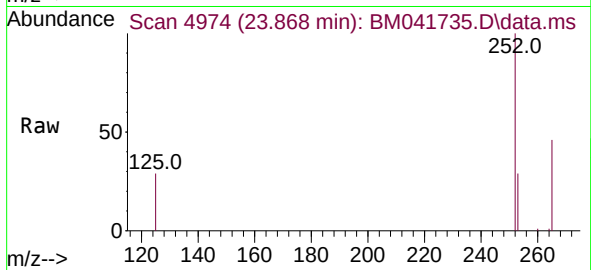
Acq: 08 Sep 2023 17:57

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	13201
Ion Ratio	Lower	Upper	
252	100		
253	29.3	22.4	33.6
125	29.2	21.0	31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.341 ng/ul

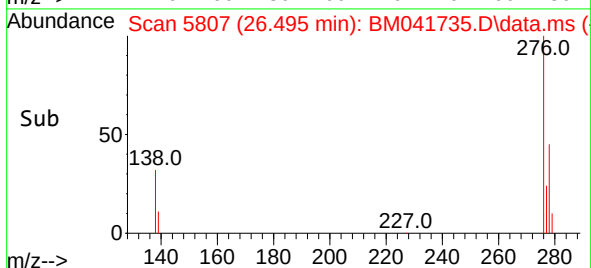
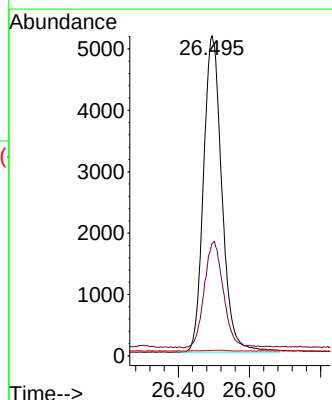
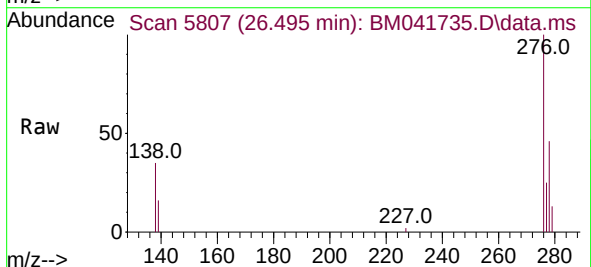
RT: 26.495 min Scan# 5807

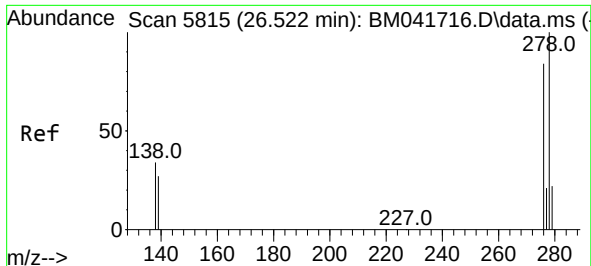
Delta R.T. -0.007 min

Lab File: BM041735.D

Acq: 08 Sep 2023 17:57

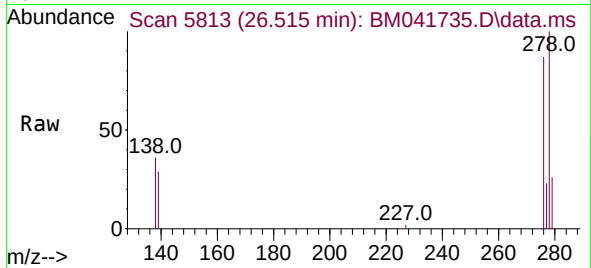
Tgt Ion:	276	Resp:	18519
Ion Ratio	Lower	Upper	
276	100		
138	35.0	26.4	39.6
227	0.2	0.1	0.1



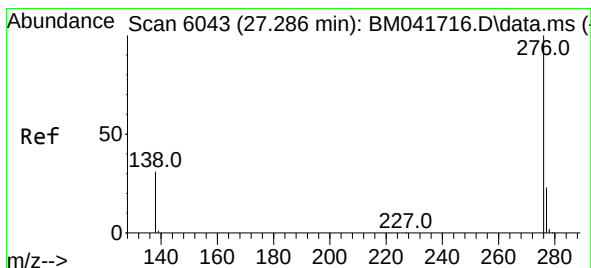
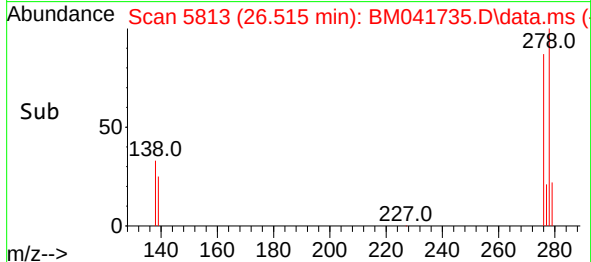
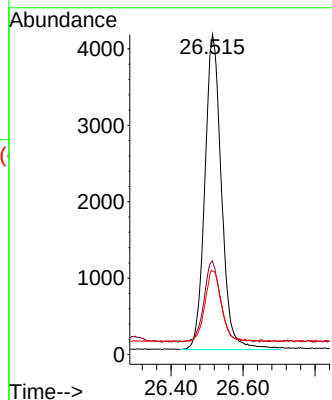


#28
 Dibenzo(a,h)anthracene
 Concen: 0.348 ng/ul
 RT: 26.515 min Scan# 5815
 Delta R.T. -0.007 min
 Lab File: BM041735.D
 Acq: 08 Sep 2023 17:57

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 13244
 Ion Ratio Lower Upper
 278 100
 139 29.2 23.0 34.6
 279 26.0 22.9 34.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.329 ng/ul
 RT: 27.273 min Scan# 6039
 Delta R.T. -0.013 min
 Lab File: BM041735.D
 Acq: 08 Sep 2023 17:57

Tgt Ion:276 Resp: 15810
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.4
 277 25.1 20.2 30.2

