

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041732.D
 Acq On : 08 Sep 2023 16:01
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 00:26:31 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)

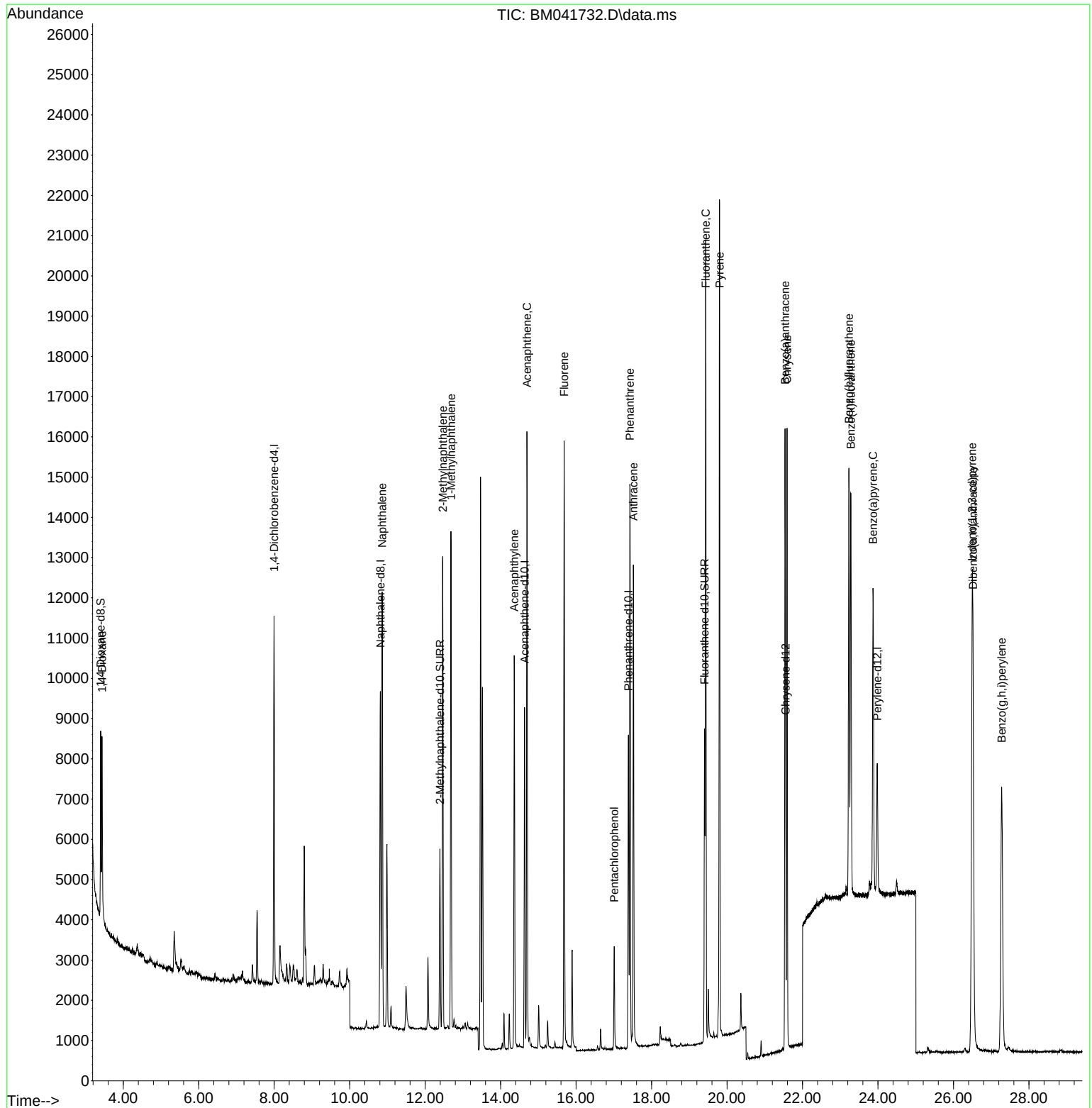
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	4541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	10724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.634	164	4320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	8504	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	3882	0.400	ng/ul	0.00
23) Perylene-d12	23.983	264	4487	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	2708	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	5339	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	6761	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	2704	0.375	ng/ul#	72
5) Naphthalene	10.862	128	14340	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	8155	0.408	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	8203	0.408	ng/ul	99
10) Acenaphthylene	14.361	152	11345	0.425	ng/ul	100
11) Acenaphthene	14.699	153	8653	0.417	ng/ul	99
12) Fluorene	15.684	166	9671	0.415	ng/ul	99
14) Pentachlorophenol	17.012	266	1713	0.503	ng/ul	98
15) Phenanthrene	17.426	178	15024	0.418	ng/ul	100
16) Anthracene	17.519	178	13352	0.434	ng/ul	100
19) Fluoranthene	19.436	202	16208	0.354	ng/ul	99
20) Pyrene	19.803	202	17366	0.382	ng/ul	98
21) Benzo(a)anthracene	21.536	228	12521	0.395	ng/ul	99
22) Chrysene	21.591	228	12776	0.374	ng/ul	100
24) Benzo(b)fluoranthene	23.231	252	13899	0.346	ng/ul	97
25) Benzo(k)fluoranthene	23.281	252	13535	0.344	ng/ul	98
26) Benzo(a)pyrene	23.869	252	11947	0.366	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.495	276	17130	0.383	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.518	278	12197	0.389	ng/ul	97
29) Benzo(g,h,i)perylene	27.276	276	14917	0.376	ng/ul	98

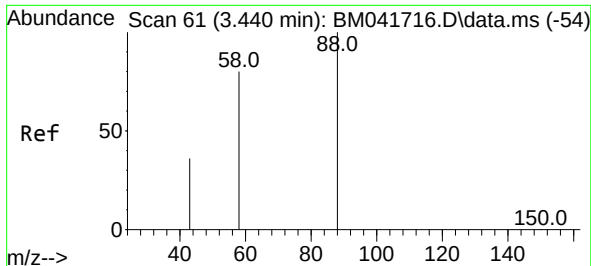
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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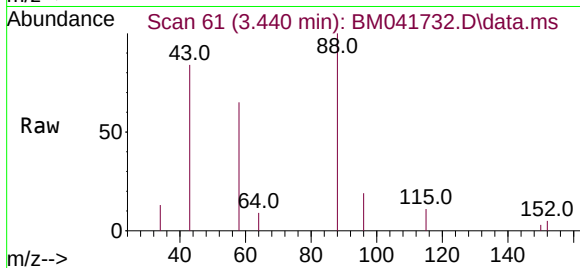
Quant Time: Sep 09 00:26:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
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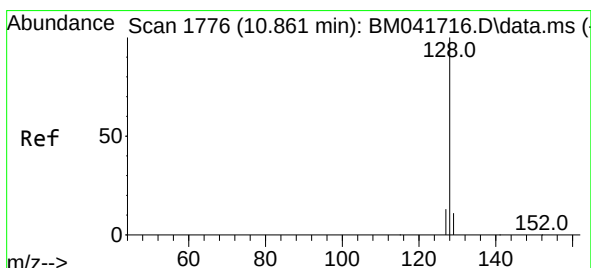
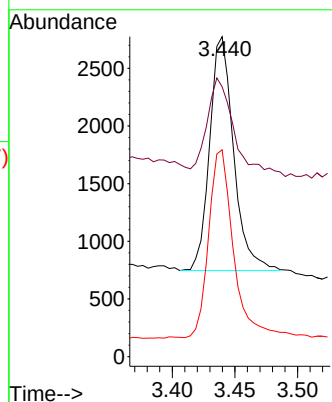
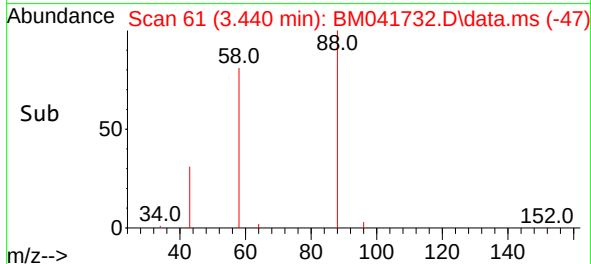


#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

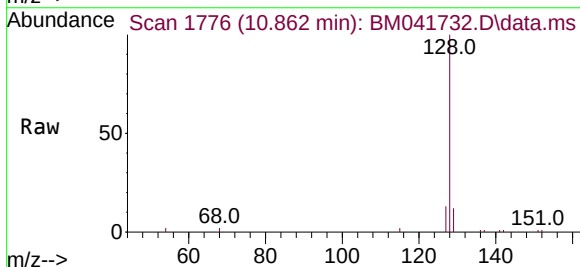
Instrument :
BNA_M
ClientSampleId :



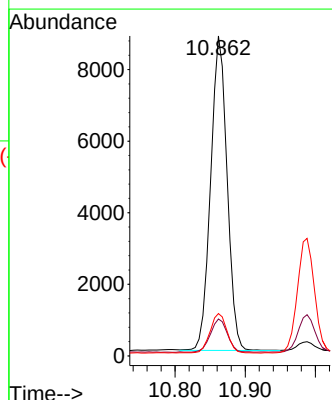
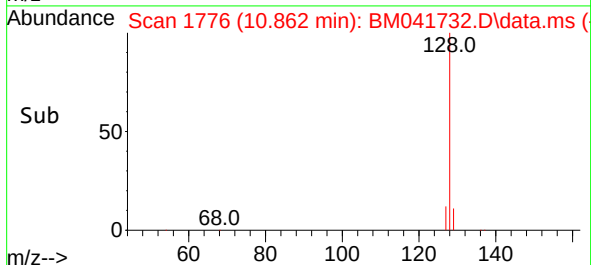
Tgt Ion: 88 Resp: 2704
Ion Ratio Lower Upper
88 100
43 84.3 33.8 50.6#
58 64.6 54.2 81.2

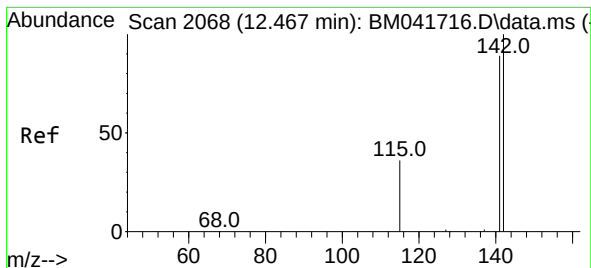


#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01



Tgt Ion: 128 Resp: 14340
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.2 11.0 16.6

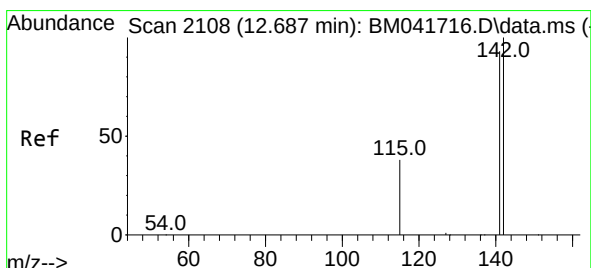
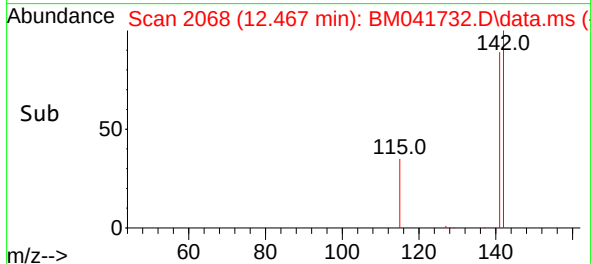
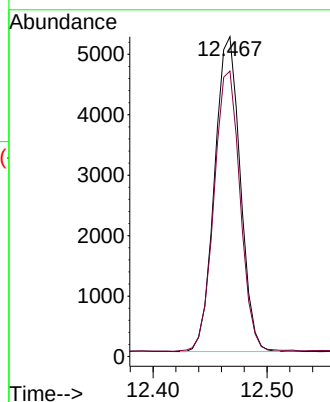
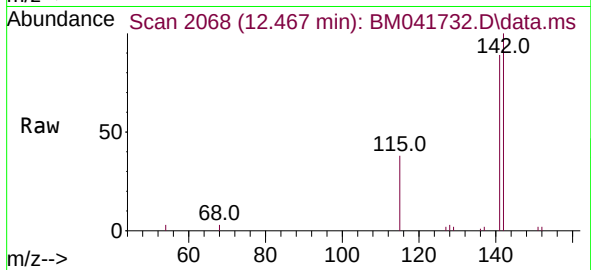




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

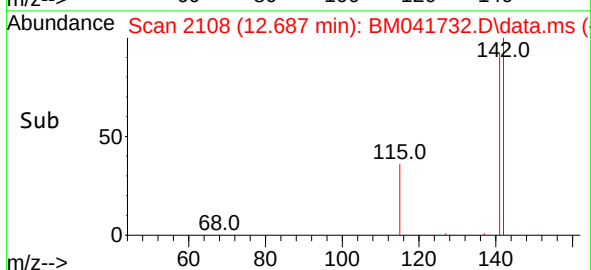
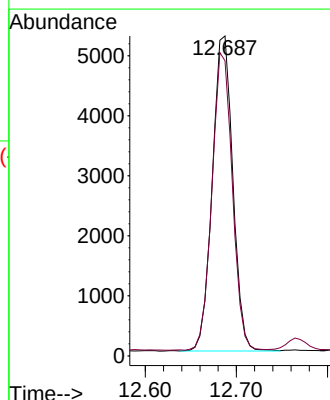
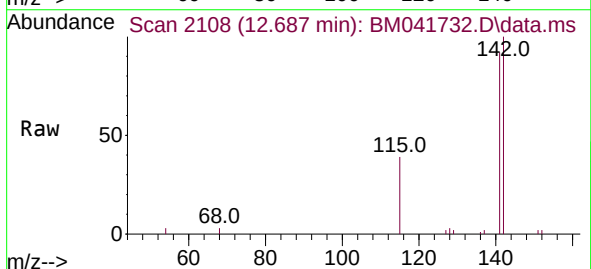
Instrument :
BNA_M
ClientSampleId :

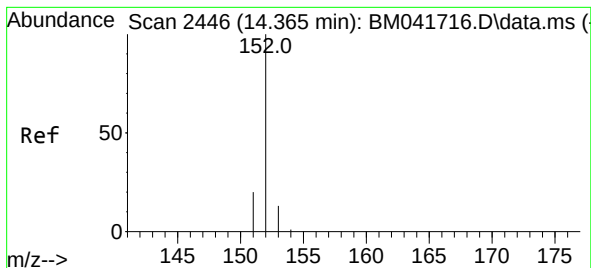
Tgt Ion:142 Resp: 8155
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

Tgt Ion:142 Resp: 8203
Ion Ratio Lower Upper
142 100
141 93.6 74.4 111.6





#10

Acenaphthylene

Concen: 0.425 ng/ul

RT: 14.361 min Scan# 2446

Delta R.T. -0.004 min

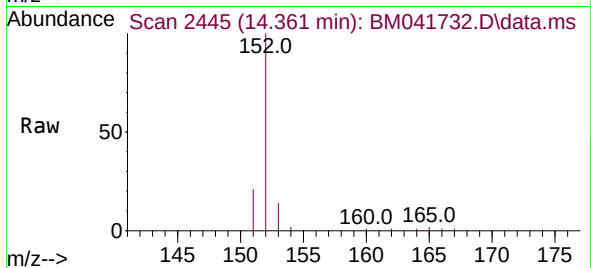
Lab File: BM041732.D

Acq: 08 Sep 2023 16:01

Instrument :

BNA_M

ClientSampleId :



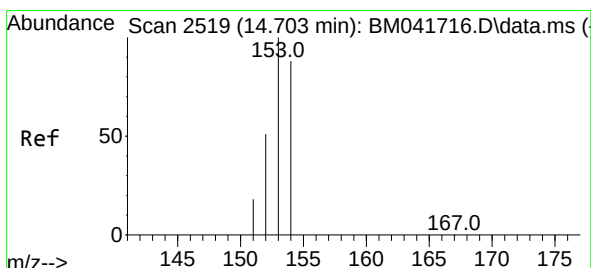
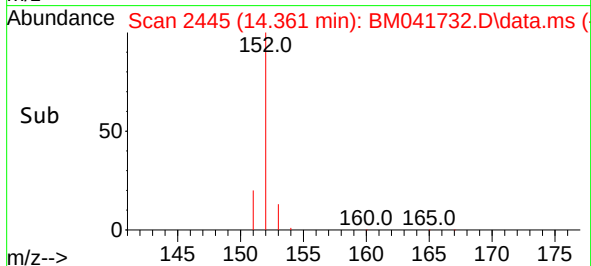
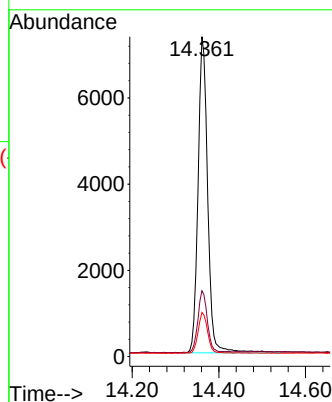
Tgt Ion:152 Resp: 11345

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.8 11.1 16.7



#11

Acenaphthene

Concen: 0.417 ng/ul

RT: 14.699 min Scan# 2518

Delta R.T. -0.004 min

Lab File: BM041732.D

Acq: 08 Sep 2023 16:01

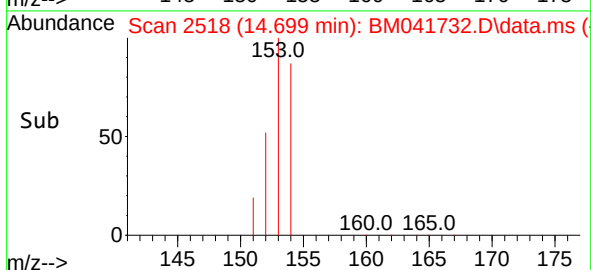
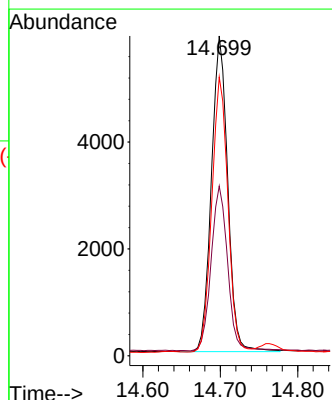
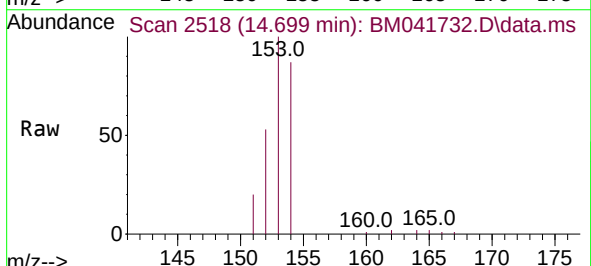
Tgt Ion:153 Resp: 8653

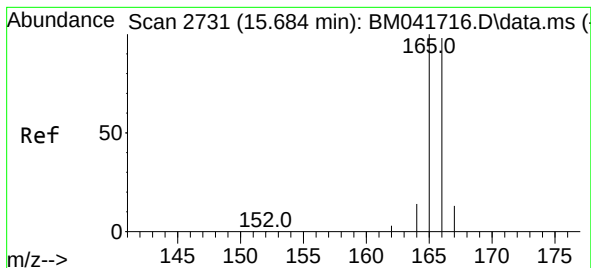
Ion Ratio Lower Upper

153 100

152 53.1 43.4 65.2

154 87.2 69.4 104.0





#12

Fluorene

Concen: 0.415 ng/ul

RT: 15.684 min Scan# 2731

Delta R.T. 0.000 min

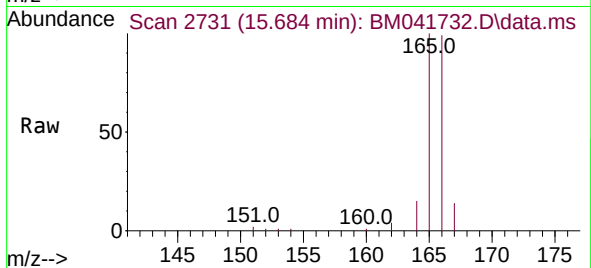
Lab File: BM041732.D

Acq: 08 Sep 2023 16:01

Instrument :

BNA_M

ClientSampleId :



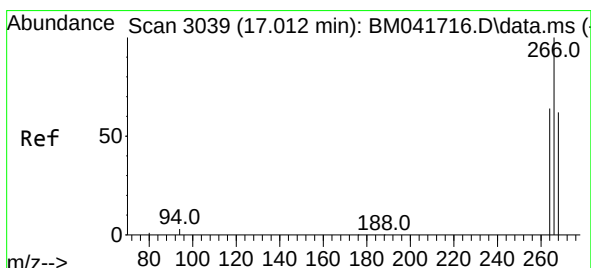
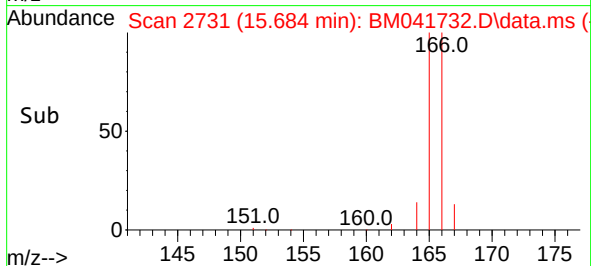
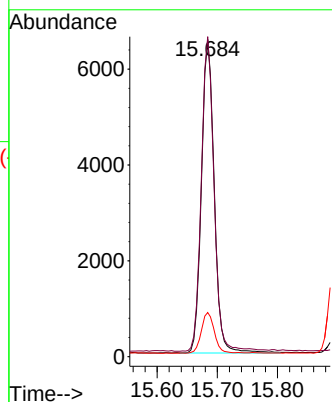
Tgt Ion:166 Resp: 9671

Ion Ratio Lower Upper

166 100

165 100.9 79.4 119.2

167 13.9 11.3 16.9



#14

Pentachlorophenol

Concen: 0.503 ng/ul

RT: 17.012 min Scan# 3039

Delta R.T. 0.000 min

Lab File: BM041732.D

Acq: 08 Sep 2023 16:01

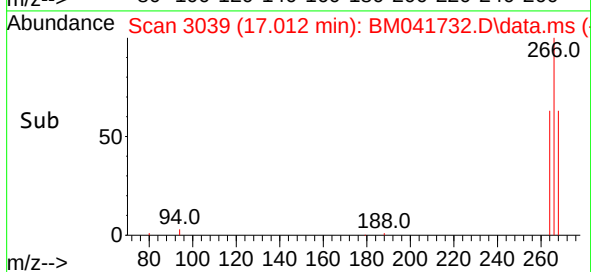
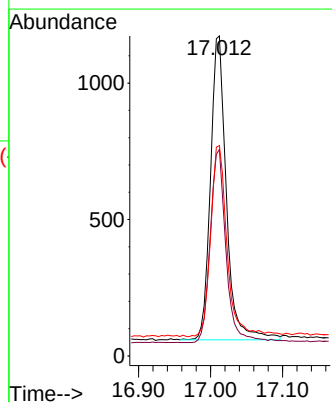
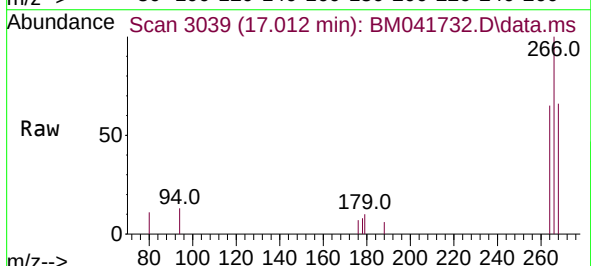
Tgt Ion:266 Resp: 1713

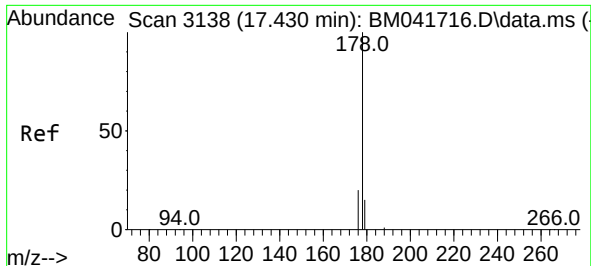
Ion Ratio Lower Upper

266 100

264 63.3 50.0 75.0

268 65.7 50.8 76.2

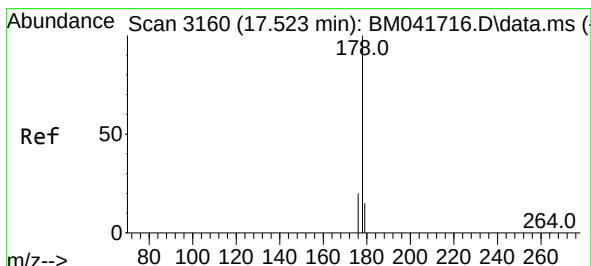
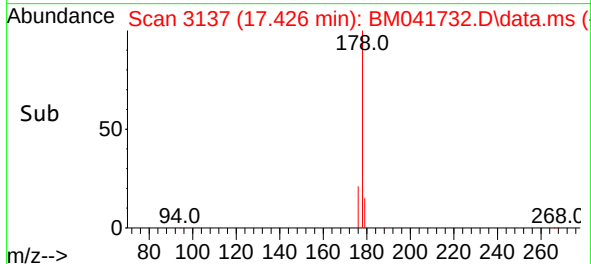
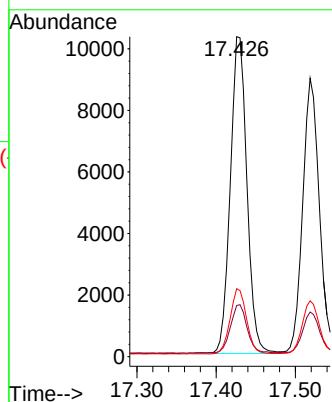
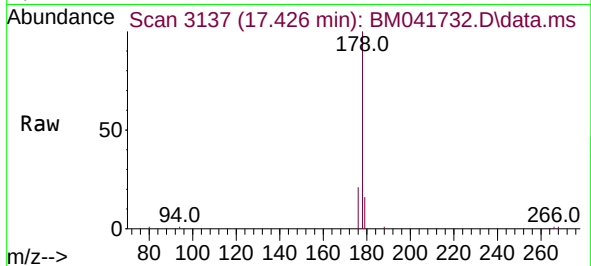




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.426 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

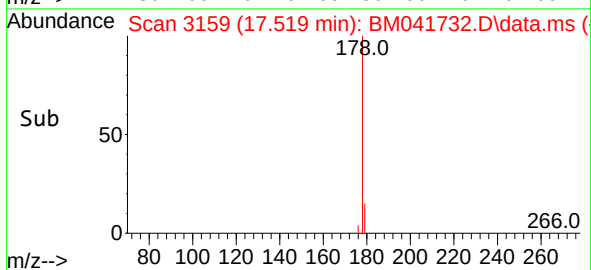
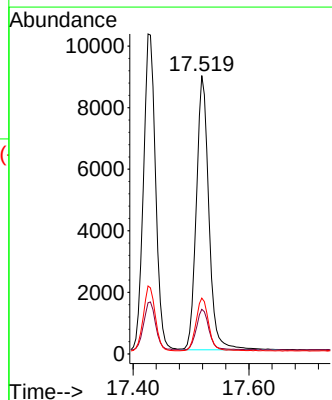
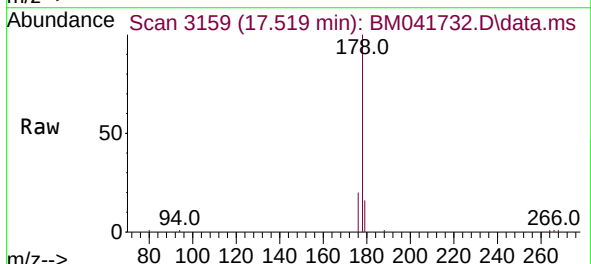
Instrument :
BNA_M
ClientSampleId :

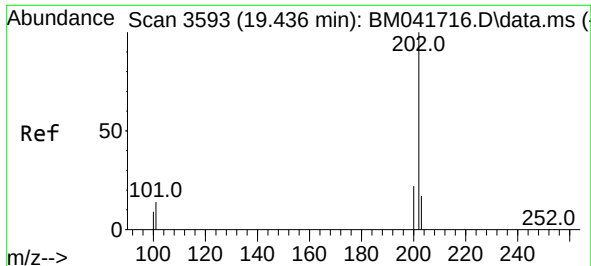
Tgt Ion:178 Resp: 15024
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 21.2 16.9 25.3



#16
Anthracene
Concen: 0.434 ng/ul
RT: 17.519 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

Tgt Ion:178 Resp: 13352
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.0 15.8 23.8





#19

Fluoranthene

Concen: 0.354 ng/ul

RT: 19.436 min Scan# 3593

Delta R.T. 0.000 min

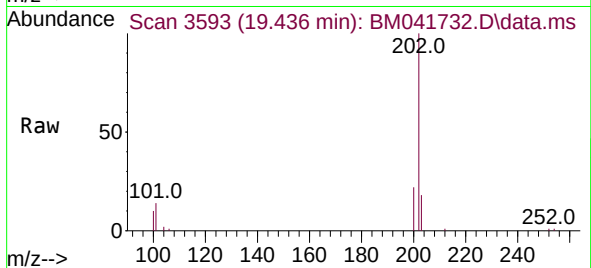
Lab File: BM041732.D

Acq: 08 Sep 2023 16:01

Instrument :

BNA_M

ClientSampleId :



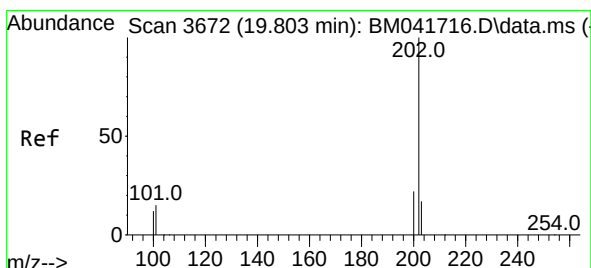
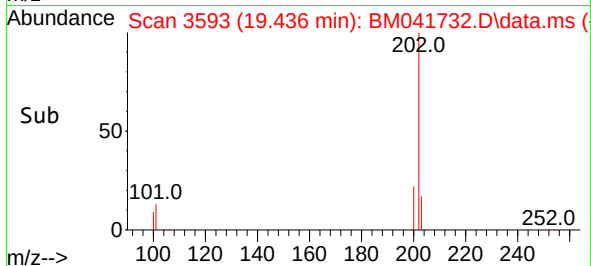
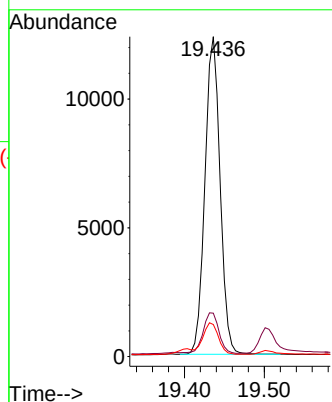
Tgt Ion:202 Resp: 16208

Ion Ratio Lower Upper

202 100

101 13.6 10.5 15.7

100 10.0 8.4 12.6



#20

Pyrene

Concen: 0.382 ng/ul

RT: 19.803 min Scan# 3672

Delta R.T. 0.000 min

Lab File: BM041732.D

Acq: 08 Sep 2023 16:01

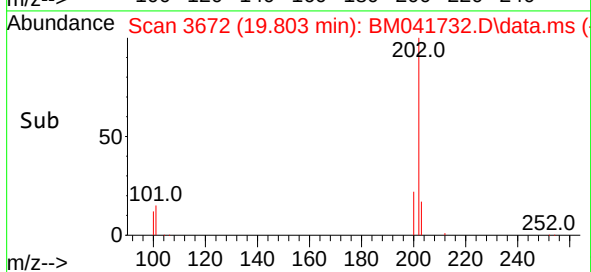
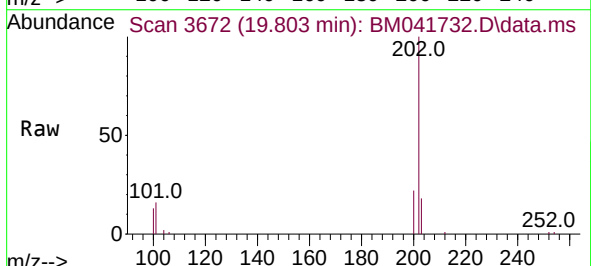
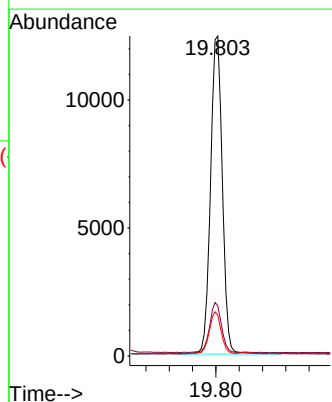
Tgt Ion:202 Resp: 17366

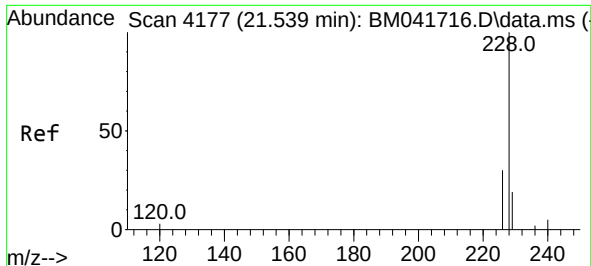
Ion Ratio Lower Upper

202 100

101 15.7 11.8 17.8

100 12.7 9.8 14.6

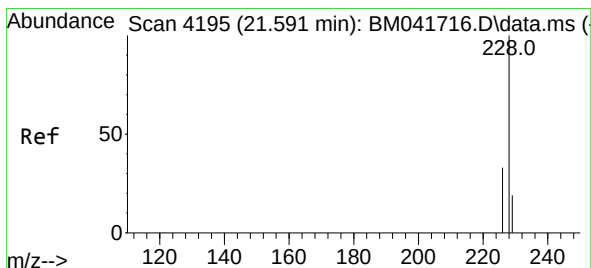
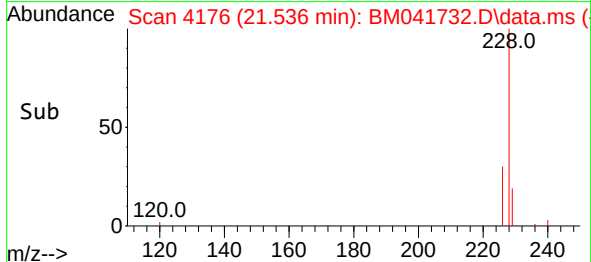
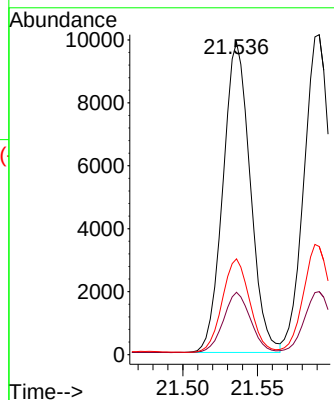
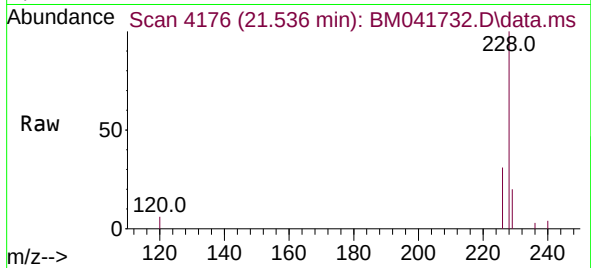




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

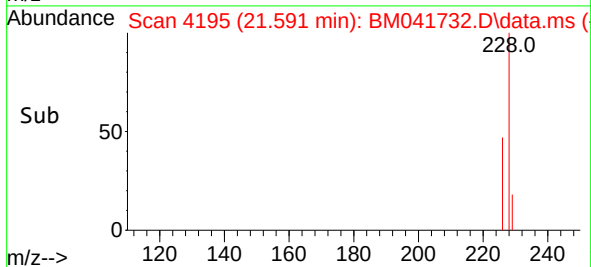
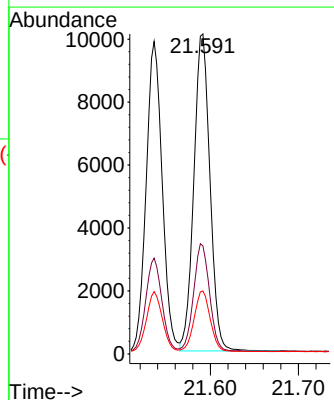
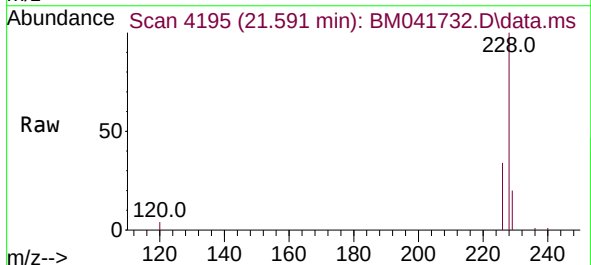
Instrument :
BNA_M
ClientSampleId :

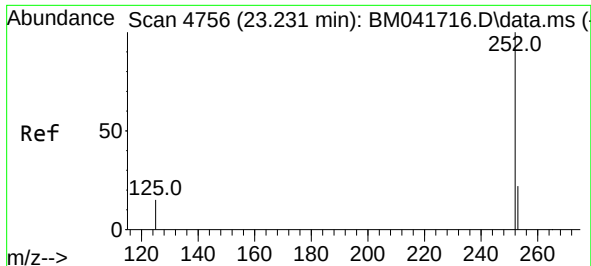
Tgt Ion:228 Resp: 12521
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 30.6 24.8 37.2



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

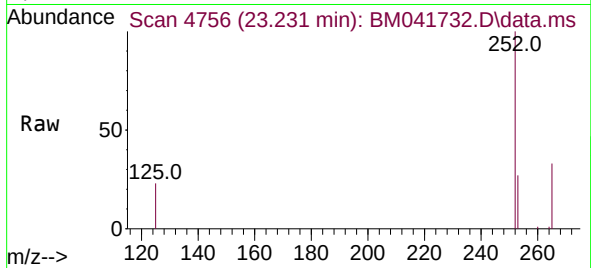
Tgt Ion:228 Resp: 12776
Ion Ratio Lower Upper
228 100
226 33.8 27.0 40.6
229 19.7 15.4 23.2



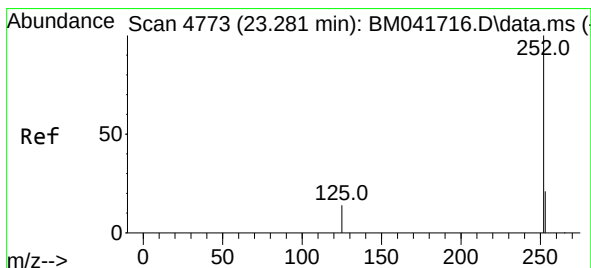
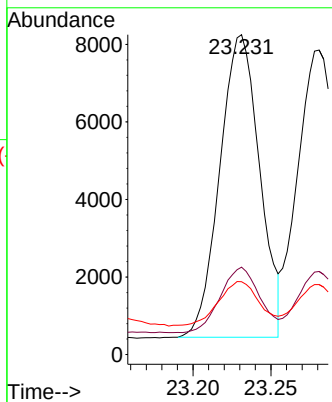
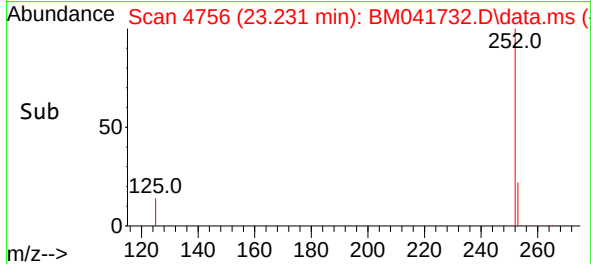


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

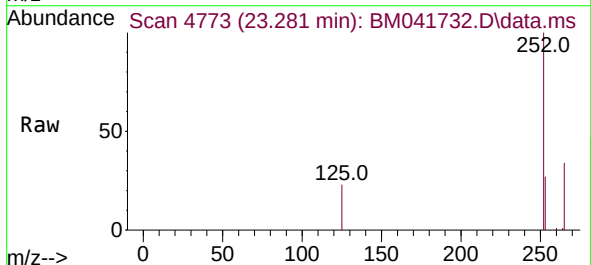
Instrument :
BNA_M
ClientSampleId :



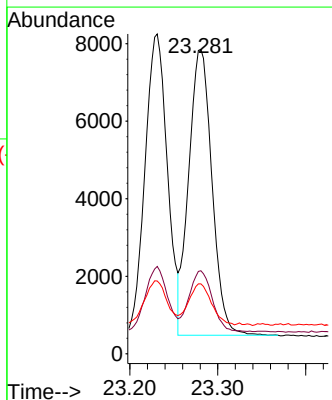
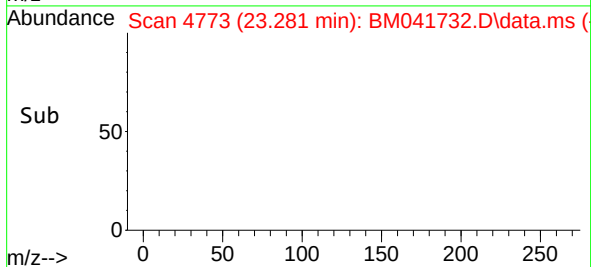
Tgt Ion:252 Resp: 13899
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.4
125 22.8 0.0 42.8

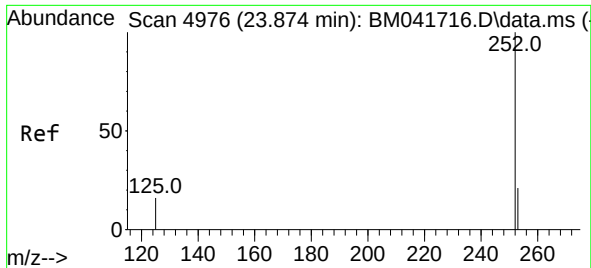


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01



Tgt Ion:252 Resp: 13535
Ion Ratio Lower Upper
252 100
253 27.3 21.3 31.9
125 23.0 17.4 26.0

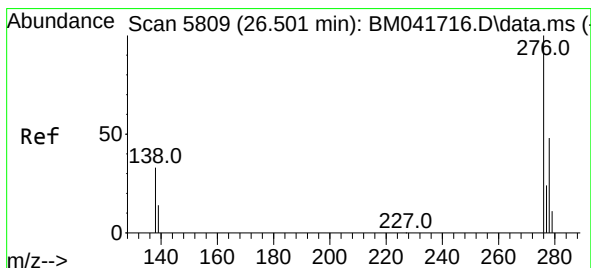
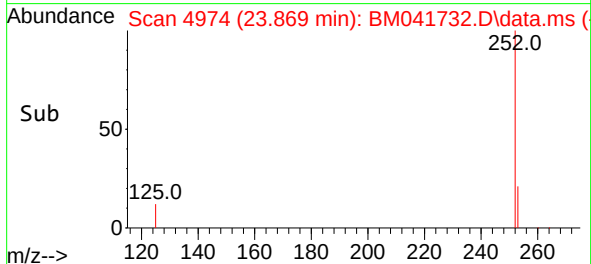
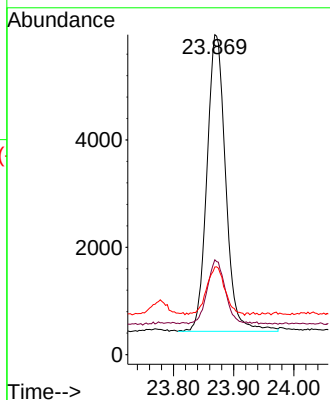
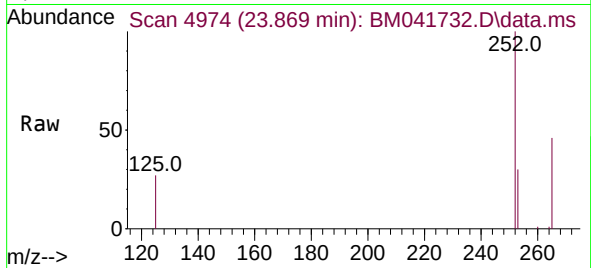




#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.869 min Scan# 4976
Delta R.T. -0.006 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

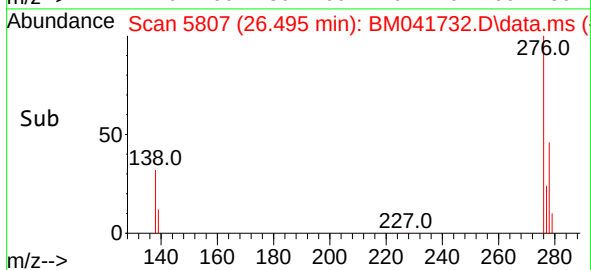
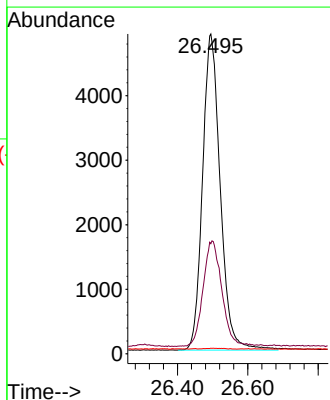
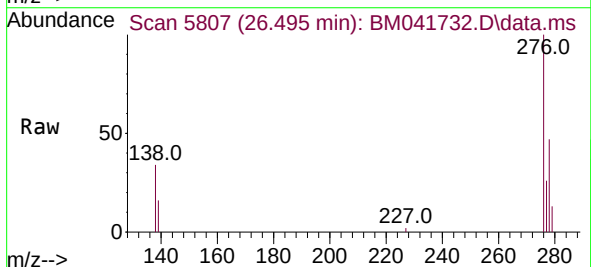
Instrument :
BNA_M
ClientSampleId :

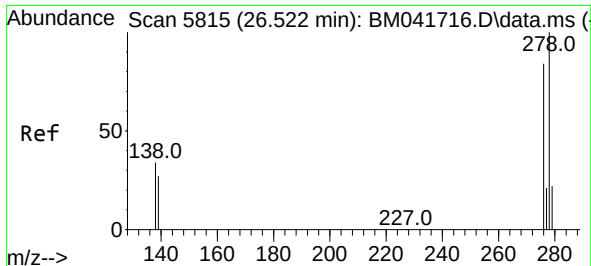
Tgt Ion:252	Resp:	11947
Ion Ratio	Lower	Upper
252	100	
253	29.6	22.4 33.6
125	27.4	21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.495 min Scan# 5807
Delta R.T. -0.007 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

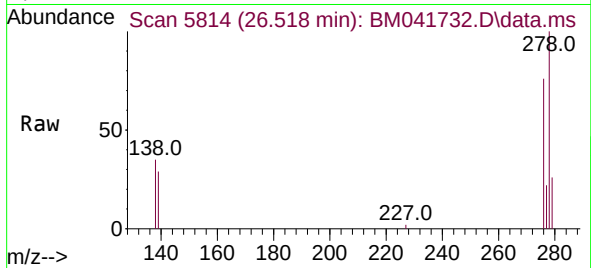
Tgt Ion:276	Resp:	17130
Ion Ratio	Lower	Upper
276	100	
138	35.6	26.4 39.6
227	0.2	0.1 0.1#



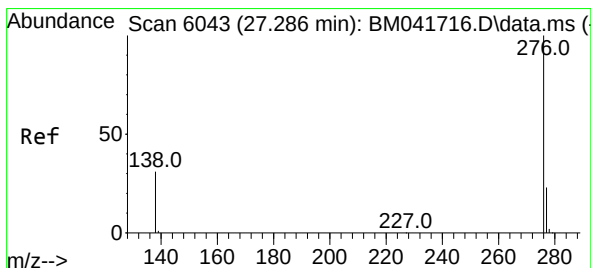
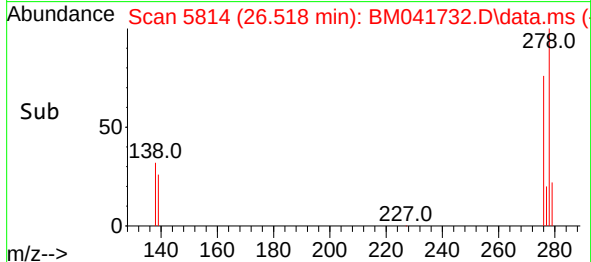
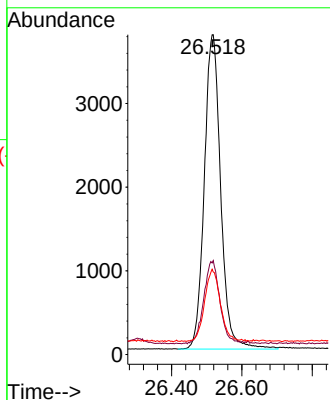


#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.518 min Scan# 5815
Delta R.T. -0.003 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 12197
Ion Ratio Lower Upper
278 100
139 29.4 23.0 34.6
279 25.8 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.276 min Scan# 6040
Delta R.T. -0.010 min
Lab File: BM041732.D
Acq: 08 Sep 2023 16:01

Tgt Ion:276 Resp: 14917
Ion Ratio Lower Upper
276 100
138 32.8 25.0 37.4
277 24.7 20.2 30.2

