

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035723.D
 Acq On : 28 Jun 2022 14:16
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 29 04:26:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 04:24:18 2022
 Response via : Initial Calibration

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

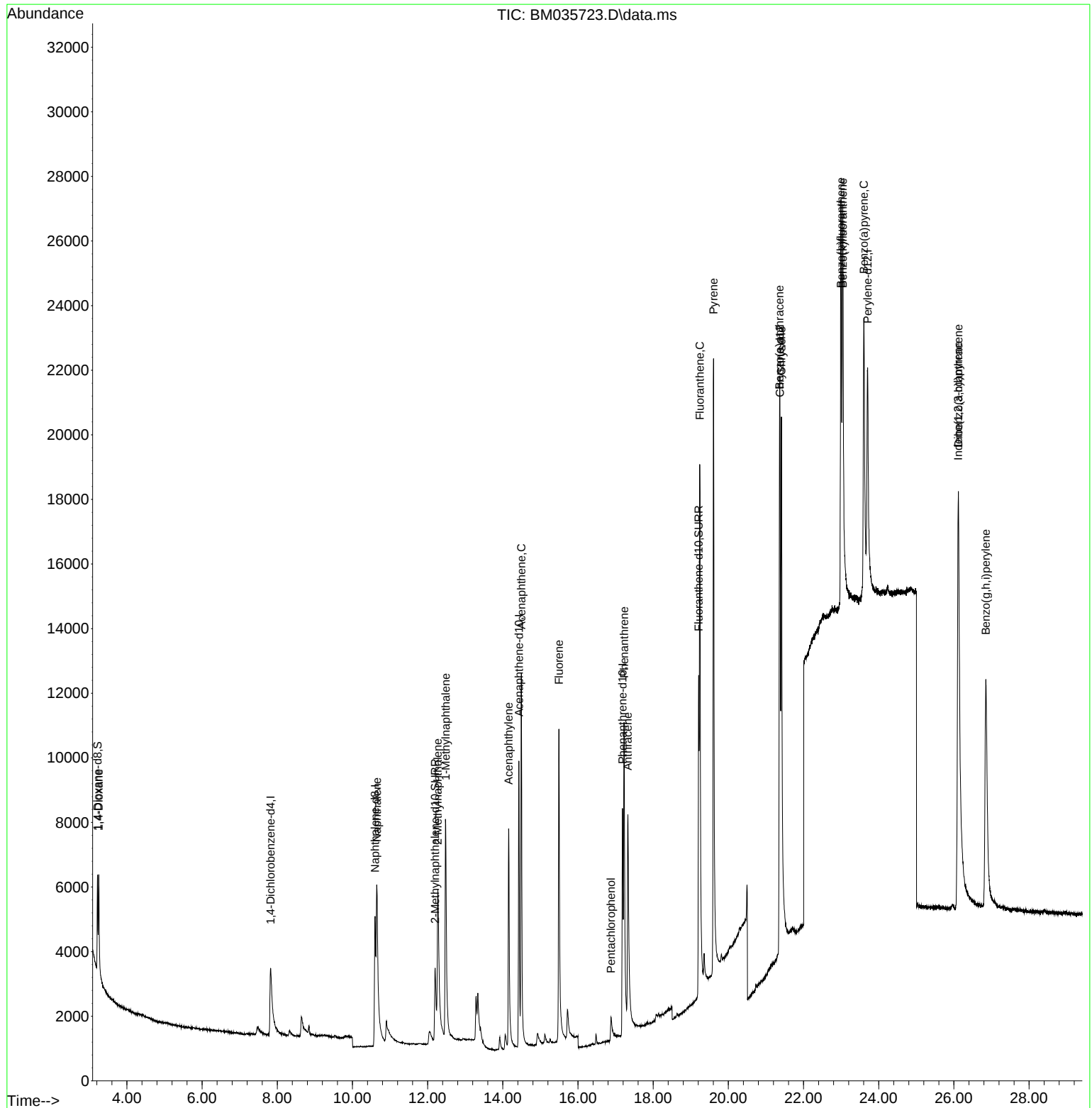
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	2952	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	10945	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.427	164	5882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.182	188	11373	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.374	240	12002	0.400	ng/ul	# 0.00
23) Perylene-d12	23.704	264	12169	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	2033	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	6280	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.210	212	13589	0.336	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	1931	0.487	ng/ul	95
5) Naphthalene	10.650	128	11689	0.349	ng/ul	100
7) 2-Methylnaphthalene	12.272	142	6673	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.481	142	7340	0.370	ng/ul	99
10) Acenaphthylene	14.154	152	11540	0.374	ng/ul	99
11) Acenaphthene	14.492	153	8307	0.350	ng/ul	99
12) Fluorene	15.491	166	9116	0.333	ng/ul	98
14) Pentachlorophenol	16.878	266	1027	0.572	ng/ul	98
15) Phenanthrene	17.225	178	13908	0.337	ng/ul	97
16) Anthracene	17.326	178	12496	0.365	ng/ul	96
19) Fluoranthene	19.238	202	17993	0.299	ng/ul	95
20) Pyrene	19.605	202	23268	0.345	ng/ul	96
21) Benzo(a)anthracene	21.360	228	15896	0.383	ng/ul#	91
22) Chrysene	21.412	228	18836	0.353	ng/ul#	94
24) Benzo(b)fluoranthene	22.996	252	18452	0.354	ng/ul	76
25) Benzo(k)fluoranthene	23.043	252	19077	0.358	ng/ul#	78
26) Benzo(a)pyrene	23.604	252	19985	0.375	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.111	276	22739	0.392	ng/ul	96
28) Dibenzo(a,h)anthracene	26.118	278	18296	0.398	ng/ul#	65
29) Benzo(g,h,i)perylene	26.849	276	20571	0.384	ng/ul#	81

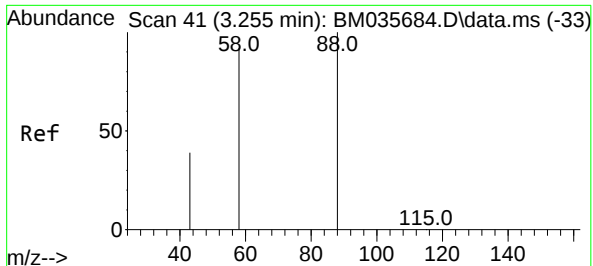
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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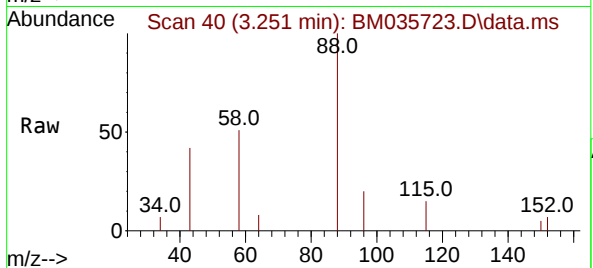
Quant Time: Jun 29 04:26:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 04:24:18 2022
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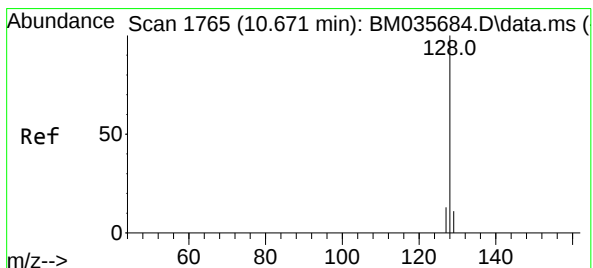
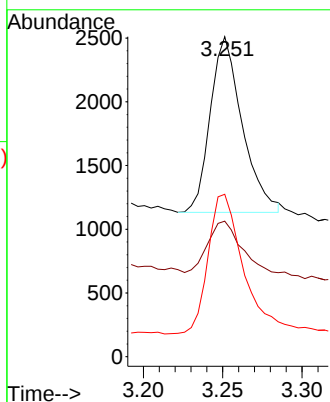
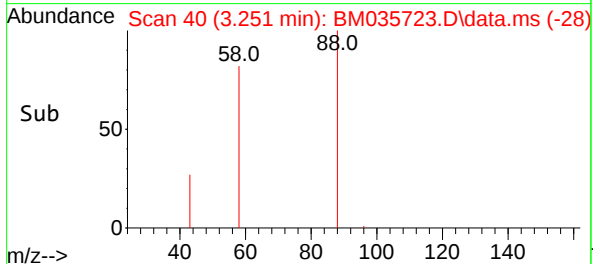
#2
 1,4-Dioxane
 Concen: 0.487 ng/ul
 RT: 3.251 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BM035723.D
 Acq: 28 Jun 2022 14:16

Instrument :
 BNA_M
 ClientSampleId :

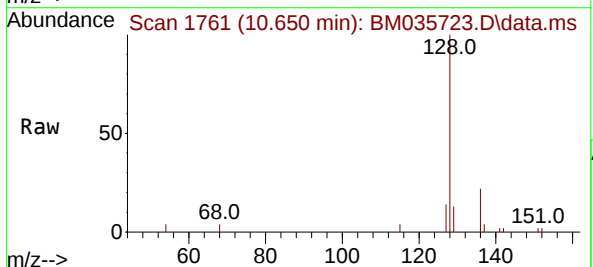


Tgt Ion: 88 Resp: 1931

Ion	Ratio	Lower	Upper
88	100		
43	42.4	37.8	56.6
58	50.8	42.6	63.8

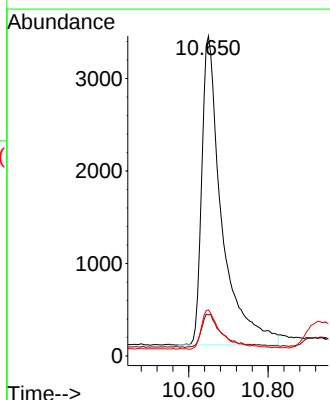
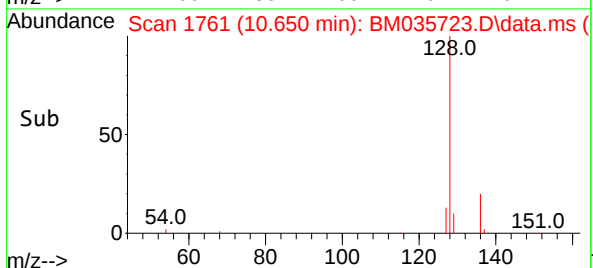


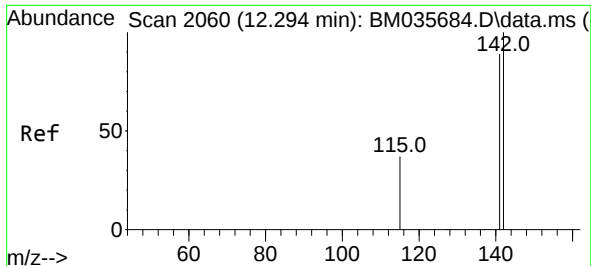
#5
 Naphthalene
 Concen: 0.349 ng/ul
 RT: 10.650 min Scan# 1761
 Delta R.T. 0.000 min
 Lab File: BM035723.D
 Acq: 28 Jun 2022 14:16



Tgt Ion: 128 Resp: 11689

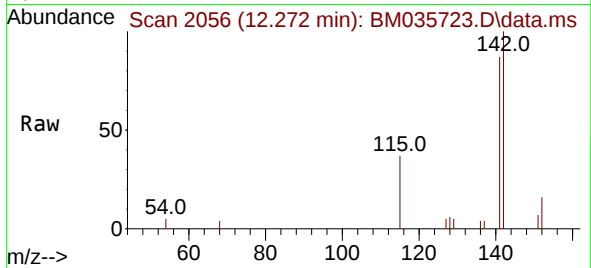
Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.2	15.2
127	14.4	11.7	17.5



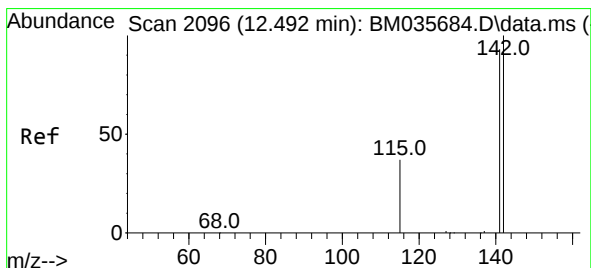
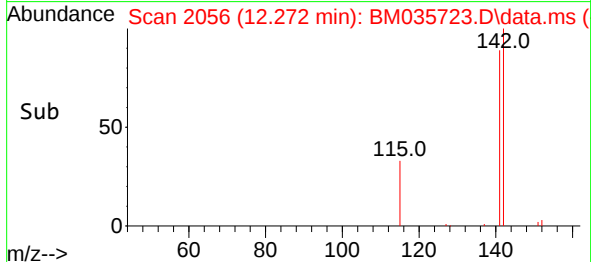
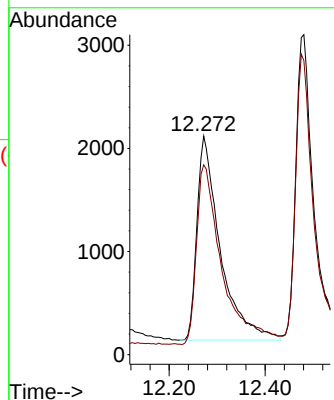


#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.272 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Instrument :
BNA_M
ClientSampleId :

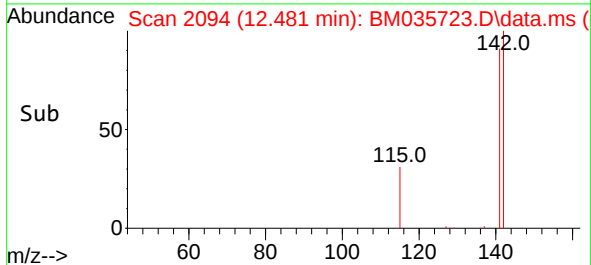
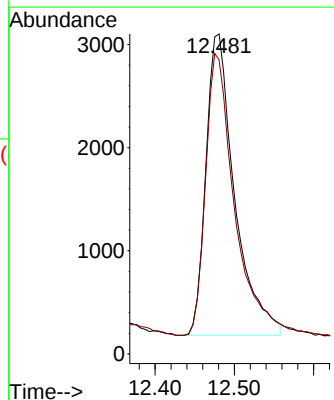
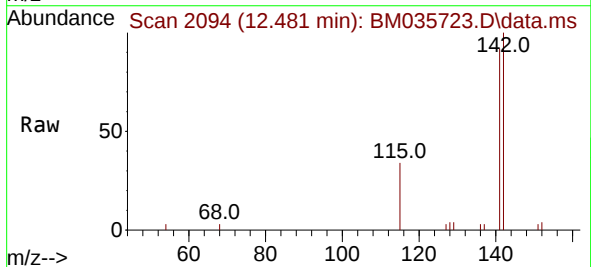


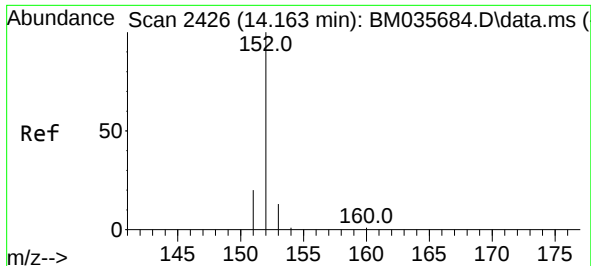
Tgt Ion:142 Resp: 6673
Ion Ratio Lower Upper
142 100
141 97.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:142 Resp: 7340
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

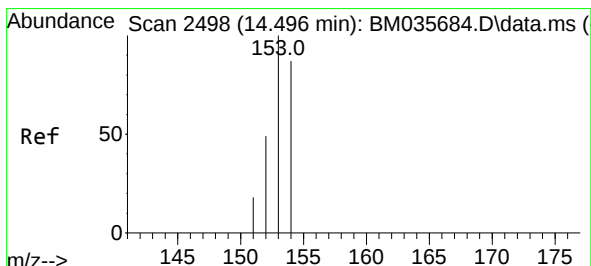
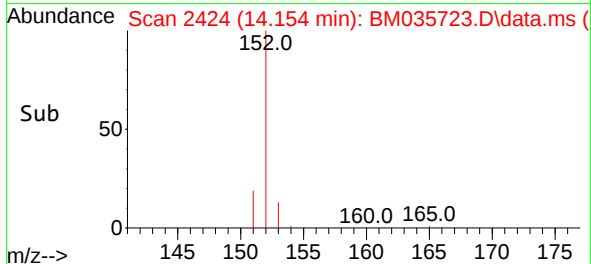
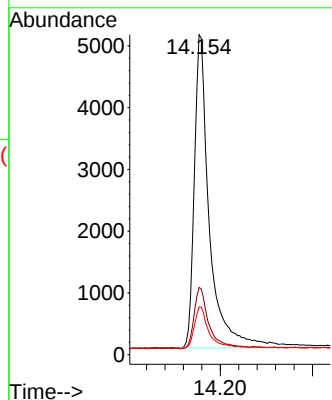
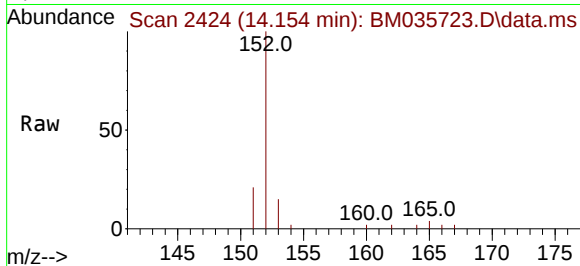




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.154 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

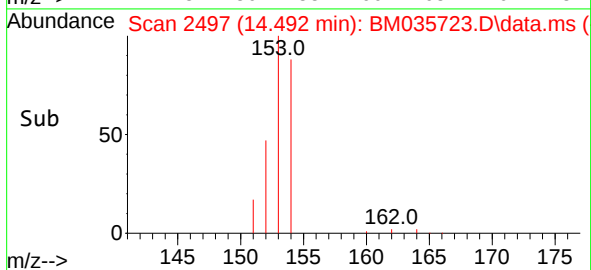
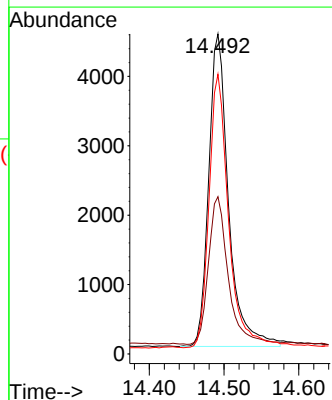
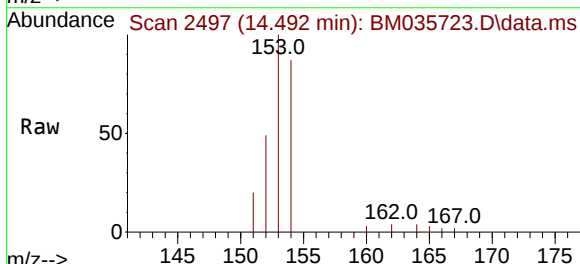
Instrument :
BNA_M
ClientSampleId :

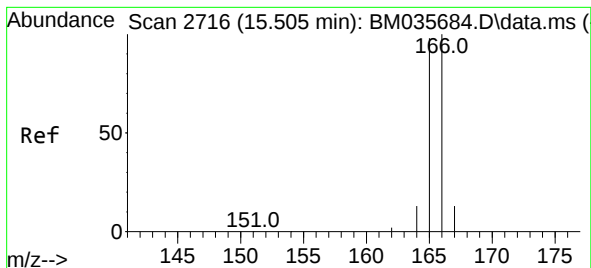
Tgt Ion:152 Resp: 11540
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.9 11.4 17.0



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.492 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:153 Resp: 8307
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 87.4 69.7 104.5





#12

Fluorene

Concen: 0.333 ng/ul

RT: 15.491 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM035723.D

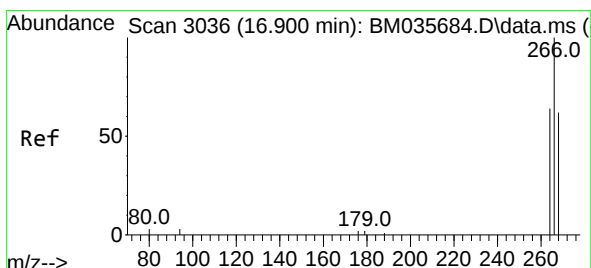
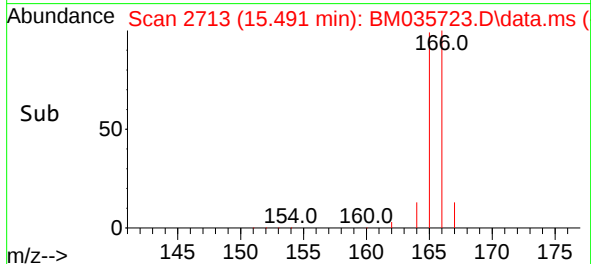
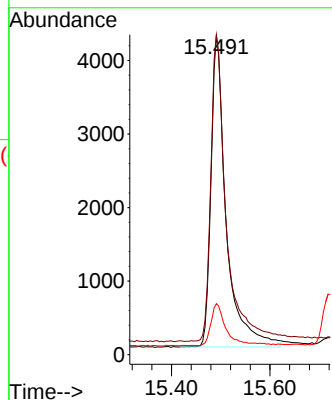
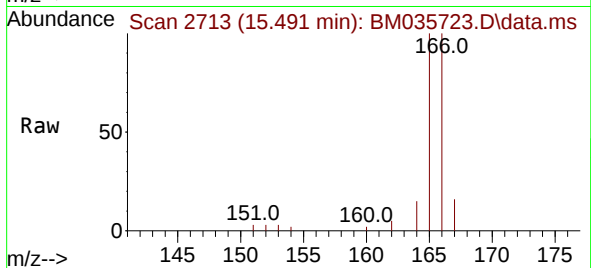
Acq: 28 Jun 2022 14:16

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:166	Resp:	9116
Ion Ratio	Lower	Upper
166	100	
165	100.3	78.9 118.3
167	16.0	11.3 16.9



#14

Pentachlorophenol

Concen: 0.572 ng/ul

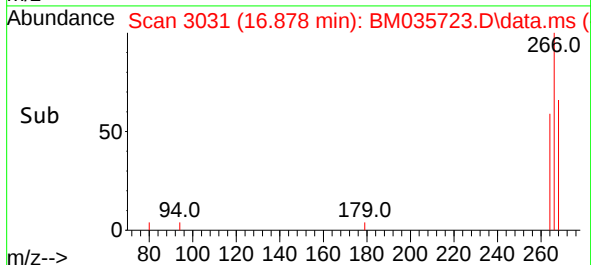
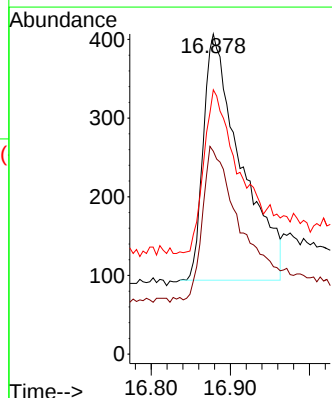
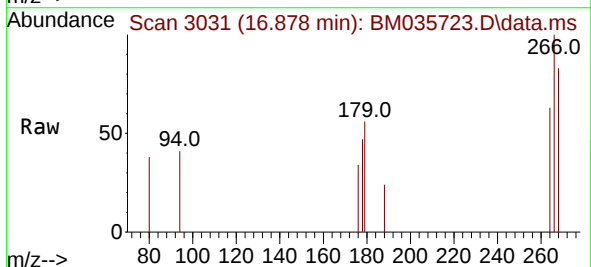
RT: 16.878 min Scan# 3031

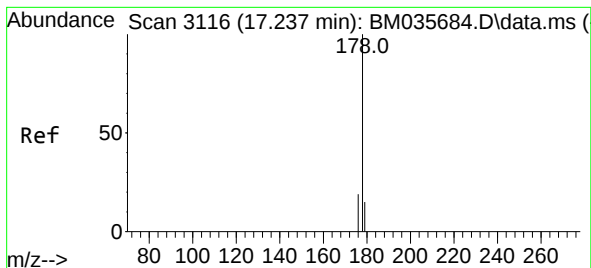
Delta R.T. 0.000 min

Lab File: BM035723.D

Acq: 28 Jun 2022 14:16

Tgt Ion:266	Resp:	1027
Ion Ratio	Lower	Upper
266	100	
264	64.7	50.3 75.5
268	67.6	53.5 80.3





#15

Phenanthrene

Concen: 0.337 ng/ul

RT: 17.225 min Scan# 3113

Delta R.T. 0.000 min

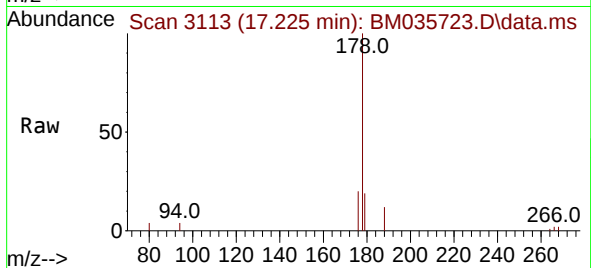
Lab File: BM035723.D

Acq: 28 Jun 2022 14:16

Instrument :

BNA_M

ClientSampleId :



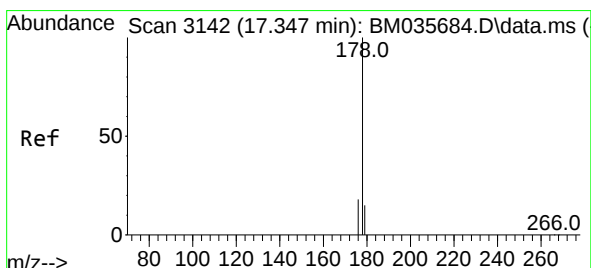
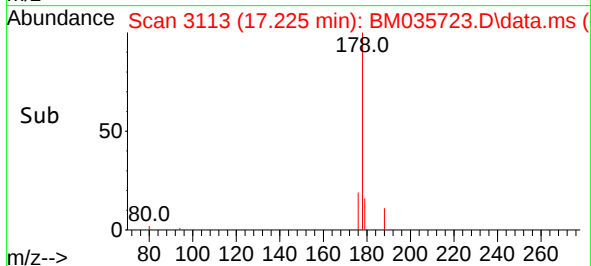
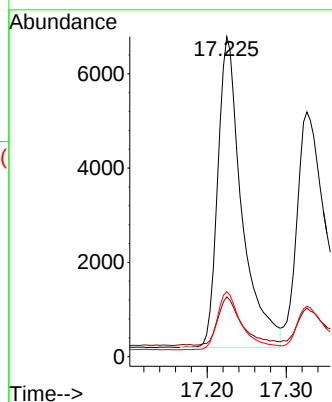
Tgt Ion:178 Resp: 13908

Ion Ratio Lower Upper

178 100

179 18.7 13.0 19.6

176 20.3 15.6 23.4



#16

Anthracene

Concen: 0.365 ng/ul

RT: 17.326 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM035723.D

Acq: 28 Jun 2022 14:16

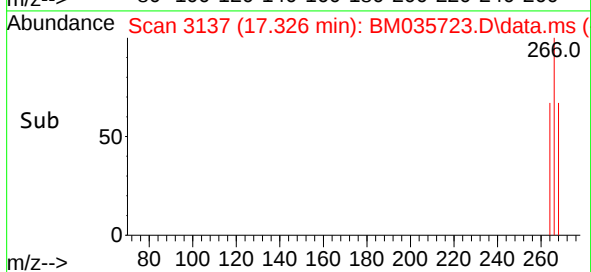
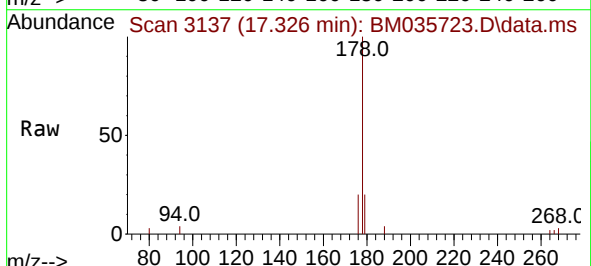
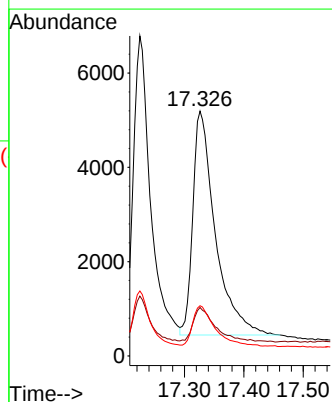
Tgt Ion:178 Resp: 12496

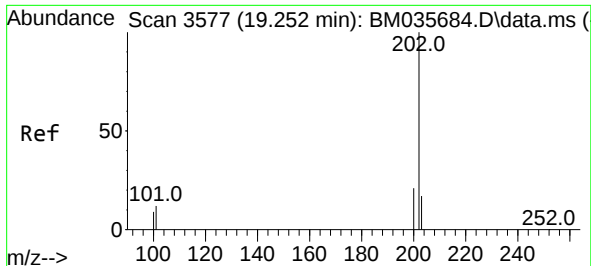
Ion Ratio Lower Upper

178 100

179 19.8 13.6 20.4

176 20.5 15.6 23.4

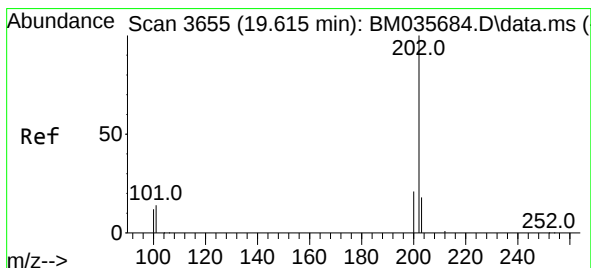
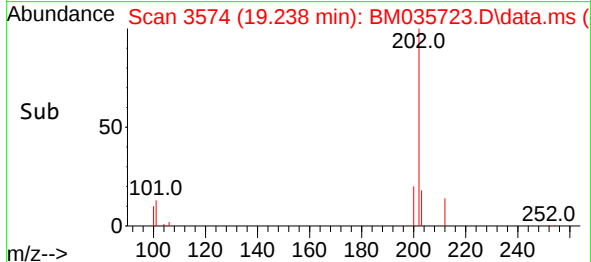
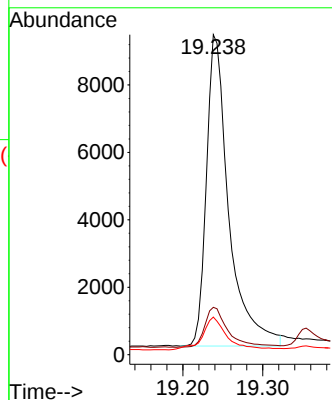
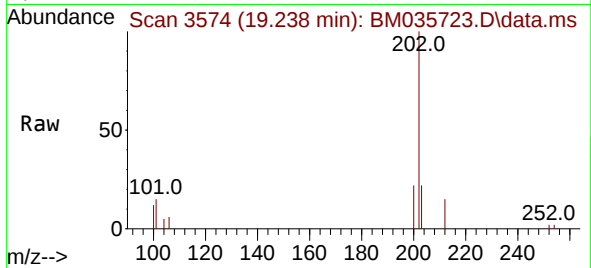




#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 19.238 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

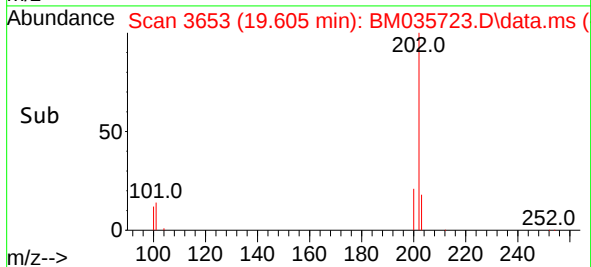
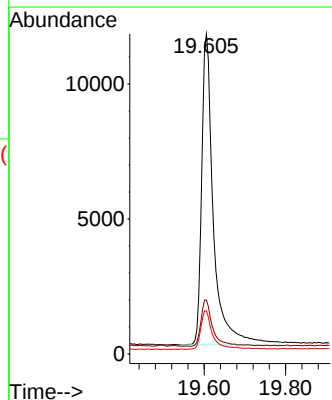
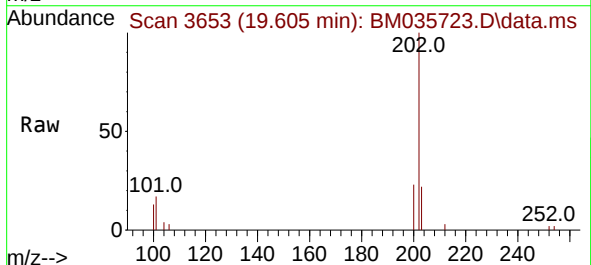
Instrument :
BNA_M
ClientSampleId :

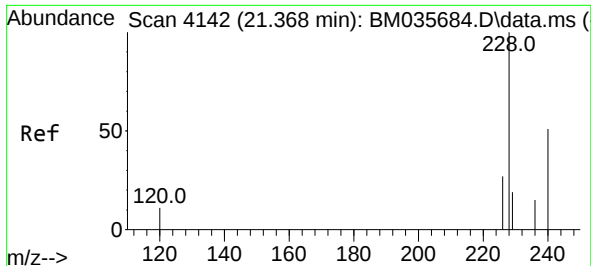
Tgt Ion:202 Resp: 17993
Ion Ratio Lower Upper
202 100
101 14.8 10.1 15.1
100 11.8 7.9 11.9



#20
Pyrene
Concen: 0.345 ng/ul
RT: 19.605 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:202 Resp: 23268
Ion Ratio Lower Upper
202 100
101 16.8 12.0 18.0
100 13.4 9.8 14.6

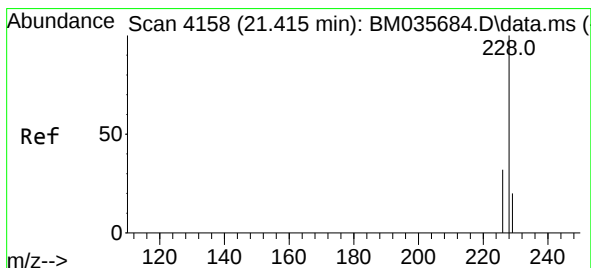
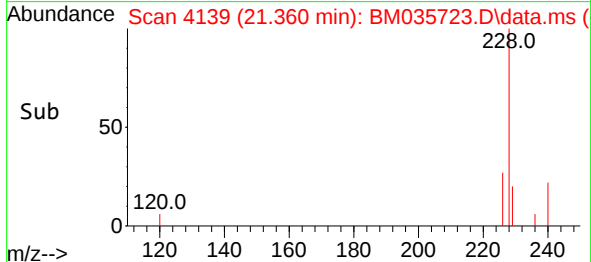
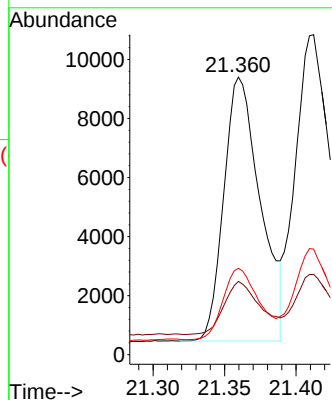
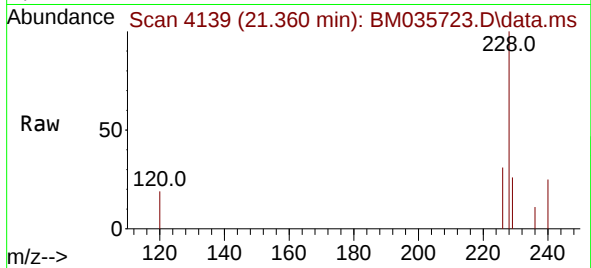




#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.360 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

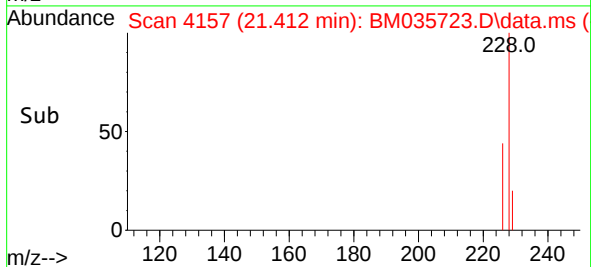
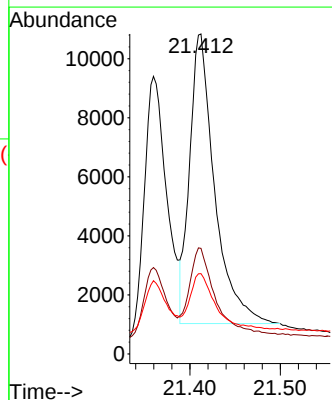
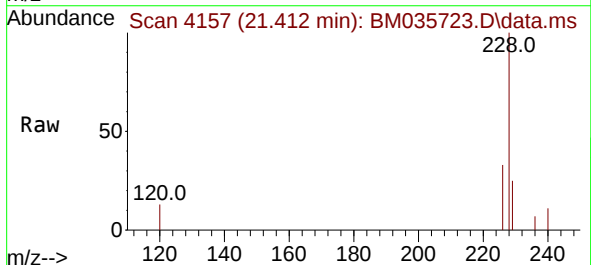
Instrument :
BNA_M
ClientSampleId :

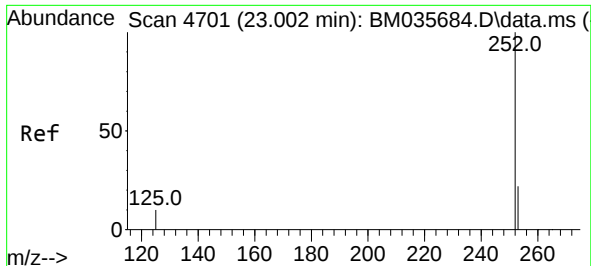
Tgt Ion:228 Resp: 15896
Ion Ratio Lower Upper
228 100
229 26.4 16.2 24.2#
226 31.1 22.5 33.7



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.412 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:228 Resp: 18836
Ion Ratio Lower Upper
228 100
226 33.0 24.6 37.0
229 25.1 16.4 24.6#

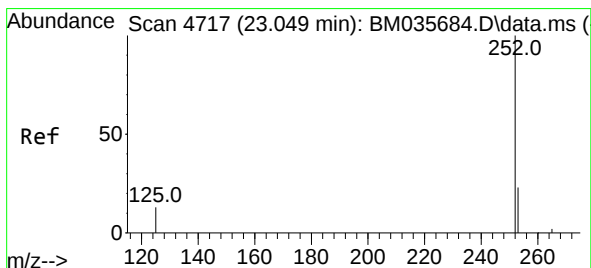
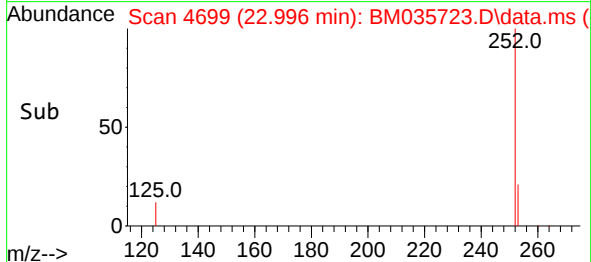
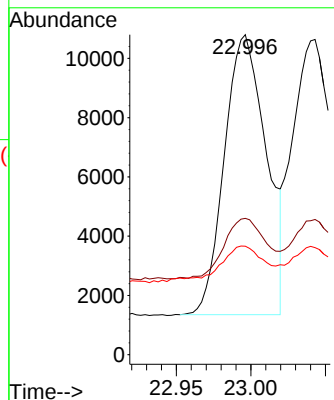
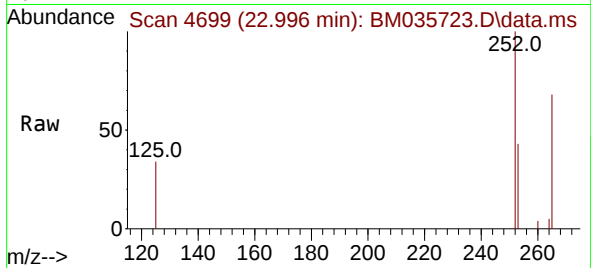




#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 22.996 min Scan# 4699
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

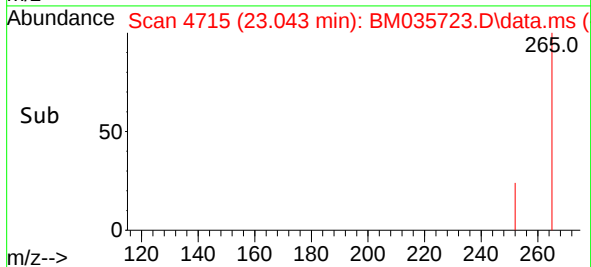
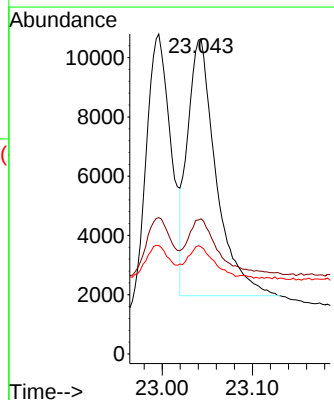
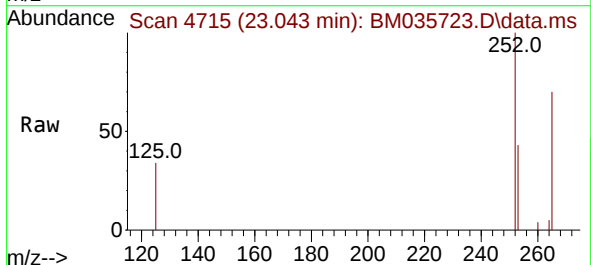
Instrument :
BNA_M
ClientSampleId :

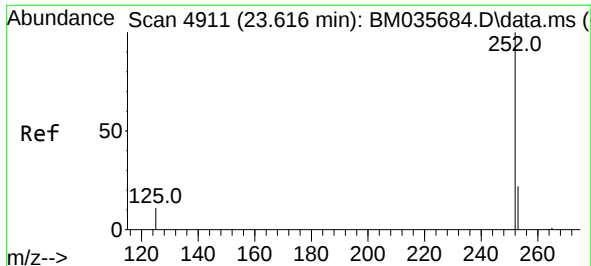
Tgt Ion:252 Resp: 18452
Ion Ratio Lower Upper
252 100
253 42.6 0.0 61.4
125 33.9 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:252 Resp: 19077
Ion Ratio Lower Upper
252 100
253 42.9 25.2 37.8#
125 34.0 18.3 27.5#

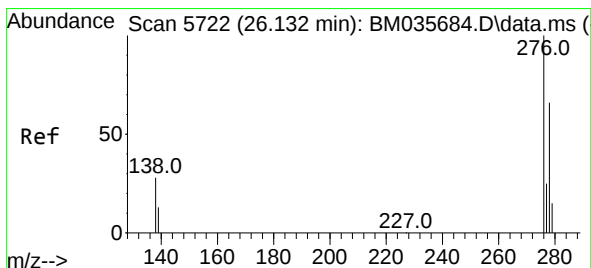
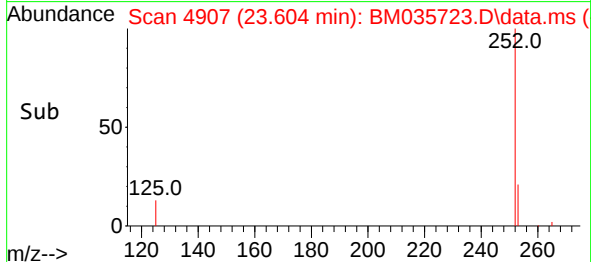
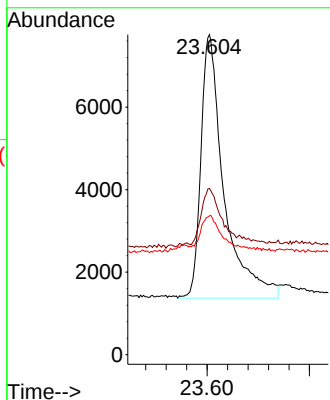
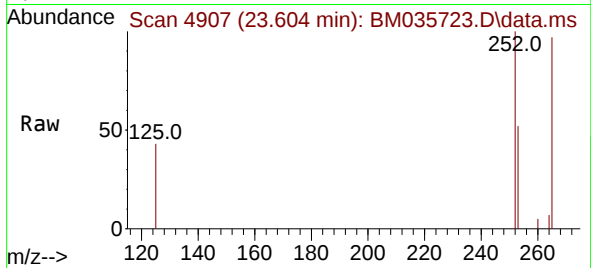




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.604 min Scan# 4911
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

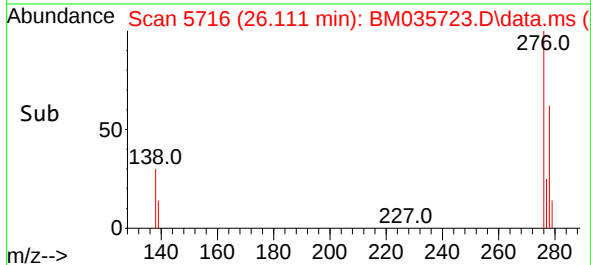
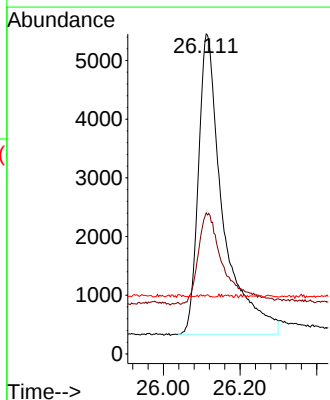
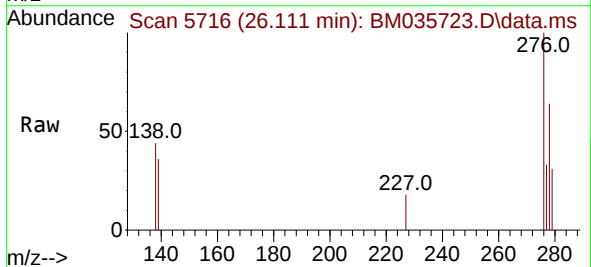
Instrument :
BNA_M
ClientSampleId :

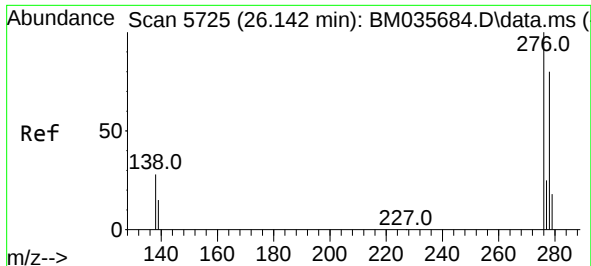
Tgt Ion:252 Resp: 19985
Ion Ratio Lower Upper
252 100
253 52.0 29.7 44.5#
125 43.3 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.111 min Scan# 5716
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:276 Resp: 22739
Ion Ratio Lower Upper
276 100
138 32.1 23.9 35.9
227 0.1 0.1 0.1

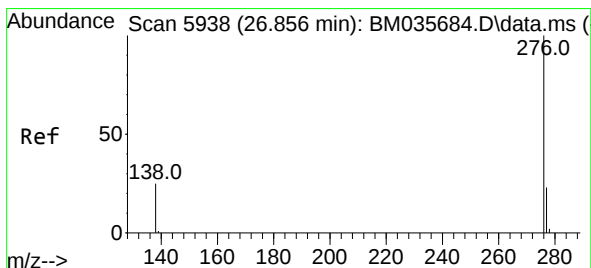
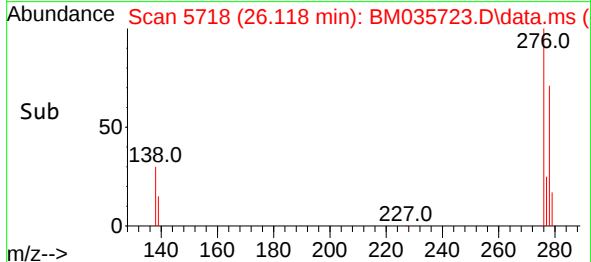
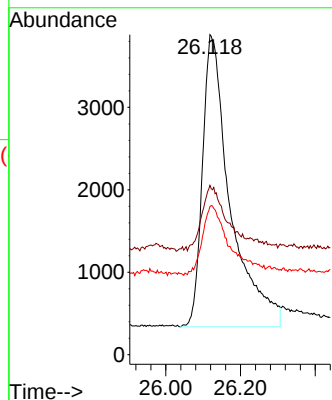
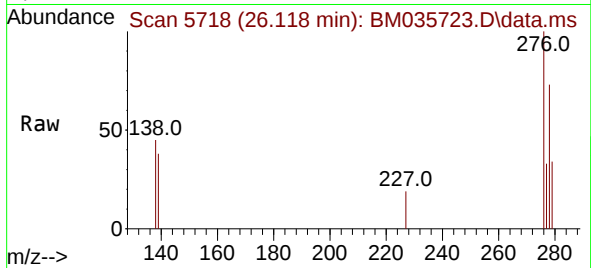




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.118 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 18296
Ion Ratio Lower Upper
278 100
139 52.9 19.8 29.6#
279 46.3 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.849 min Scan# 5936
Delta R.T. 0.000 min
Lab File: BM035723.D
Acq: 28 Jun 2022 14:16

Tgt Ion:276 Resp: 20571
Ion Ratio Lower Upper
276 100
138 42.8 23.4 35.0#
277 32.4 21.0 31.4#

