

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035737.D
 Acq On : 28 Jun 2022 23:08
 Operator : CG/JU
 Sample : PB145716BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 29 04:28:16 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)

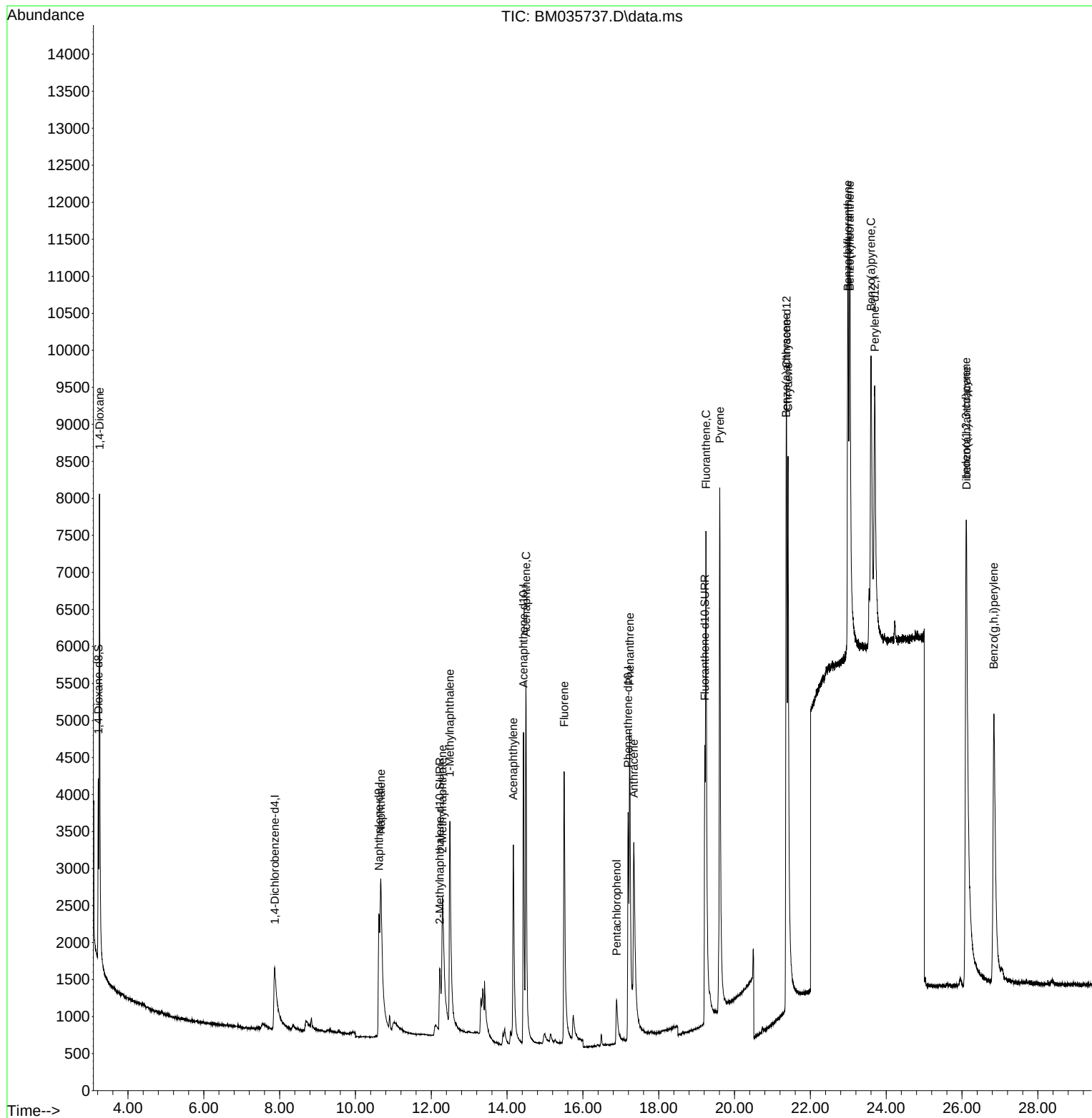
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	1271	0.400	ng/ul	0.05
4) Naphthalene-d8	10.622	136	5900	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.432	164	2730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5644	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	6276	0.400	ng/ul	# 0.00
23) Perylene-d12	23.698	264	6128	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1709	0.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	2946	0.319	ng/ul	0.02
18) Fluoranthene-d10	19.215	212	6183	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	4177	2.448	ng/ul#	79
5) Naphthalene	10.666	128	5629	0.312	ng/ul	95
7) 2-Methylnaphthalene	12.294	142	3077	0.272	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	3392	0.317	ng/ul	99
10) Acenaphthylene	14.163	152	5379	0.376	ng/ul	96
11) Acenaphthene	14.496	153	3976	0.361	ng/ul	98
12) Fluorene	15.505	166	4344	0.342	ng/ul	99
14) Pentachlorophenol	16.887	266	885	0.993	ng/ul	98
15) Phenanthrene	17.233	178	6640	0.325	ng/ul	96
16) Anthracene	17.343	178	5425	0.319	ng/ul	95
19) Fluoranthene	19.247	202	8274	0.263	ng/ul	99
20) Pyrene	19.610	202	9457	0.268	ng/ul	99
21) Benzo(a)anthracene	21.360	228	7410	0.341	ng/ul	97
22) Chrysene	21.409	228	9384	0.336	ng/ul	98
24) Benzo(b)fluoranthene	22.990	252	9436	0.359	ng/ul	89
25) Benzo(k)fluoranthene	23.037	252	9411	0.351	ng/ul#	89
26) Benzo(a)pyrene	23.599	252	9942	0.370	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.108	276	12212	0.418	ng/ul	100
28) Dibenzo(a,h)anthracene	26.118	278	9864	0.426	ng/ul#	89
29) Benzo(g,h,i)perylene	26.839	276	11339	0.420	ng/ul	93

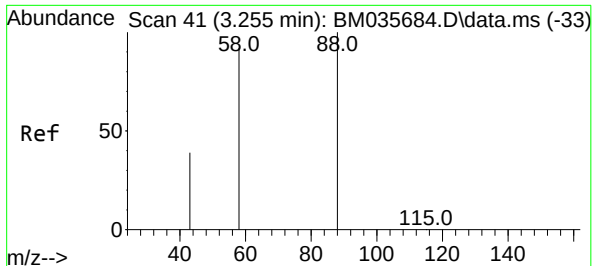
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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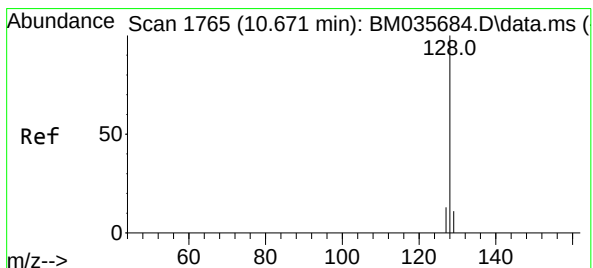
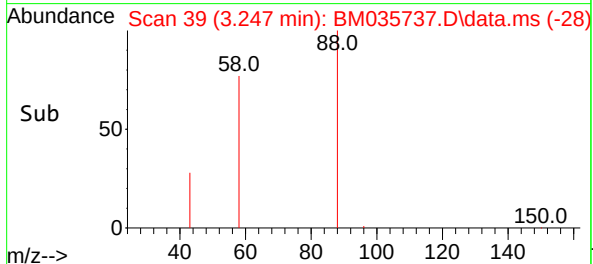
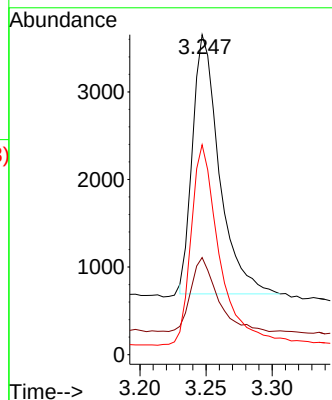
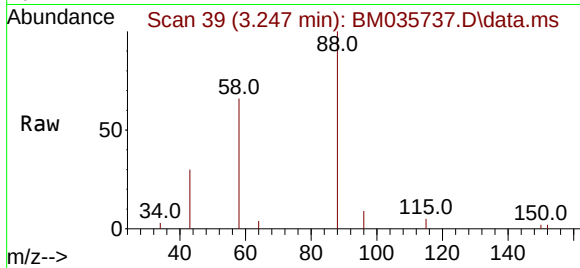




#2
1,4-Dioxane
Concen: 2.448 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

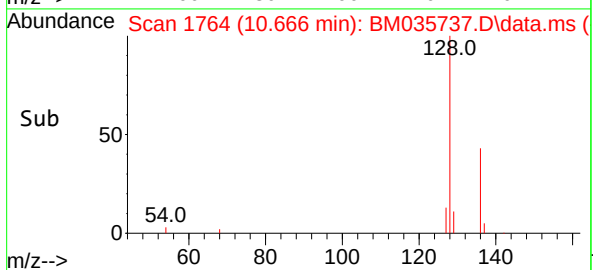
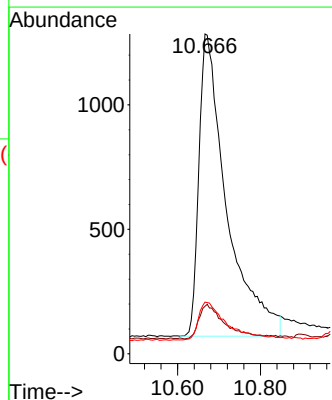
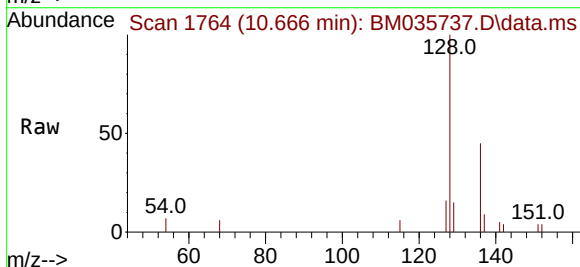
Instrument :
BNA_M
ClientSampleId :

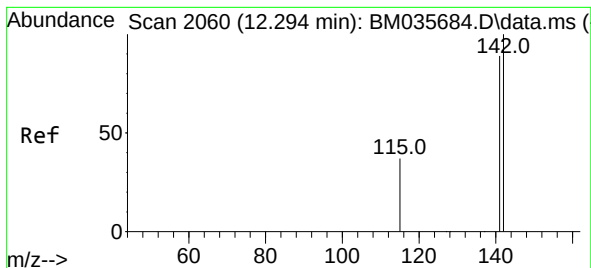
Tgt Ion: 88 Resp: 4177
Ion Ratio Lower Upper
88 100
43 30.4 37.8 56.6#
58 65.6 42.6 63.8#



#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. 0.017 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Tgt Ion: 128 Resp: 5629
Ion Ratio Lower Upper
128 100
129 14.9 10.2 15.2
127 16.2 11.7 17.5

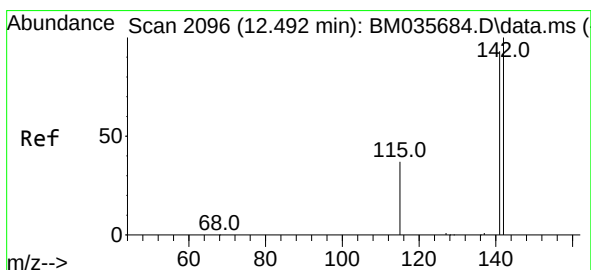
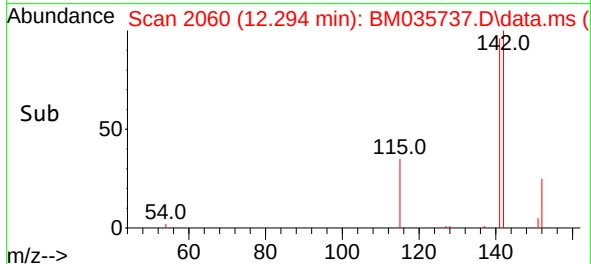
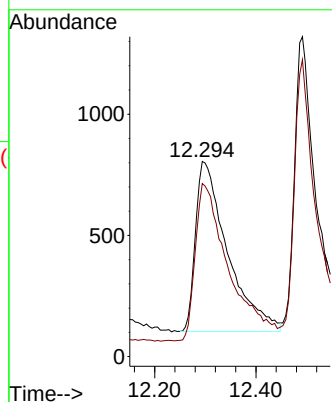
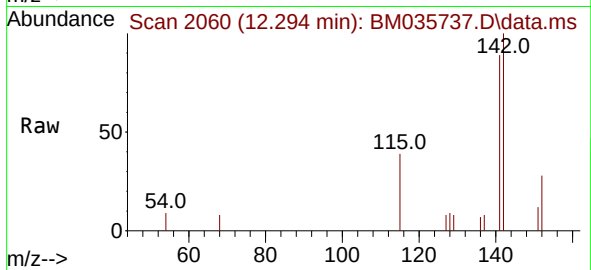




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.022 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

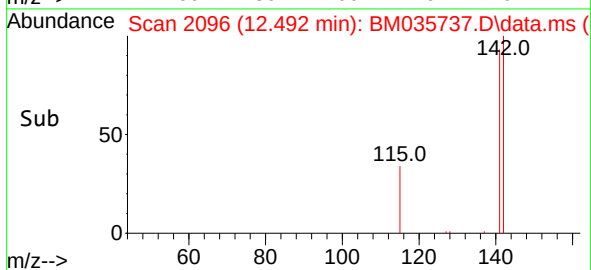
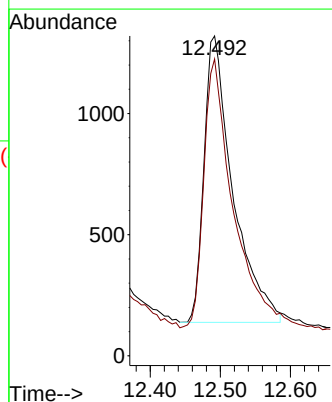
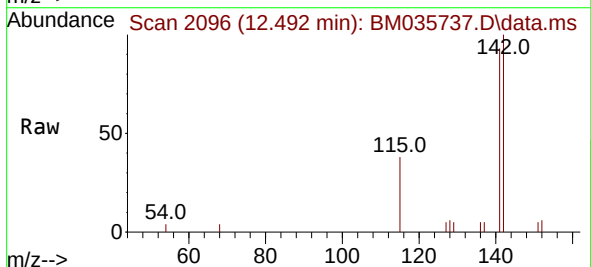
Instrument :
BNA_M
ClientSampleId :

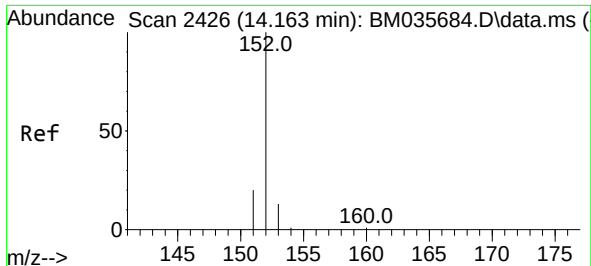
Tgt Ion:142 Resp: 3077
Ion Ratio Lower Upper
142 100
141 97.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. 0.011 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Tgt Ion:142 Resp: 3392
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

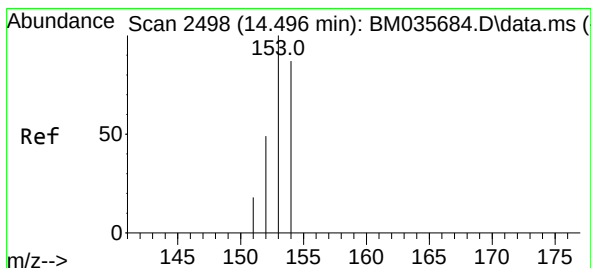
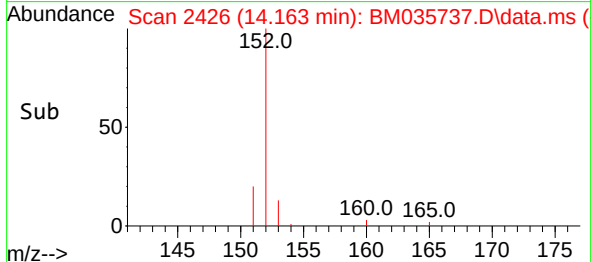
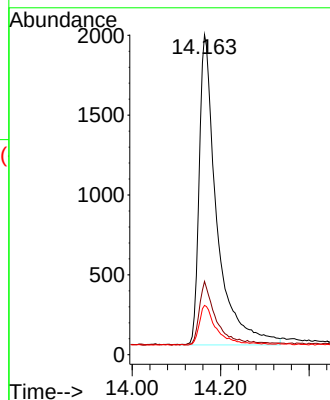
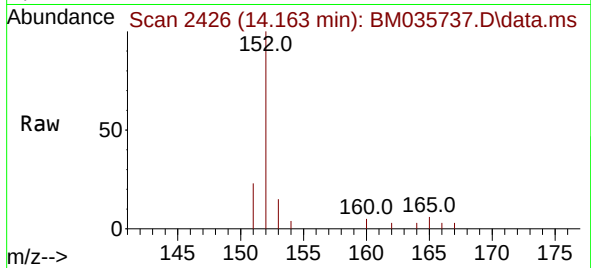




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.163 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

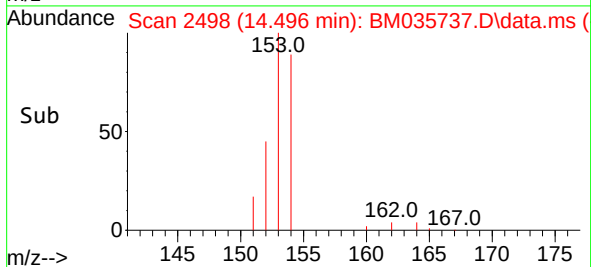
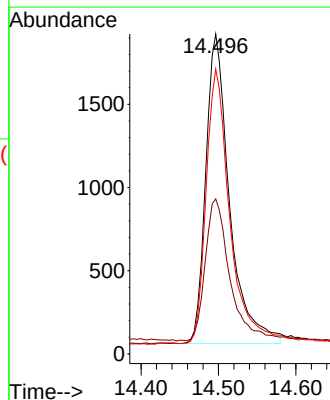
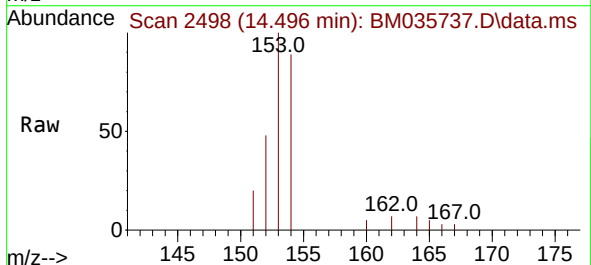
Instrument :
BNA_M
ClientSampleId :

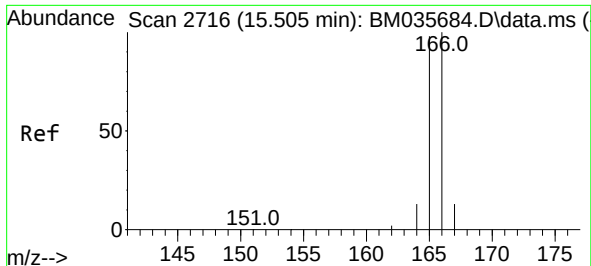
Tgt Ion:152 Resp: 5379
Ion Ratio Lower Upper
152 100
151 22.9 16.6 24.8
153 15.4 11.4 17.0



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.496 min Scan# 2498
Delta R.T. 0.005 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

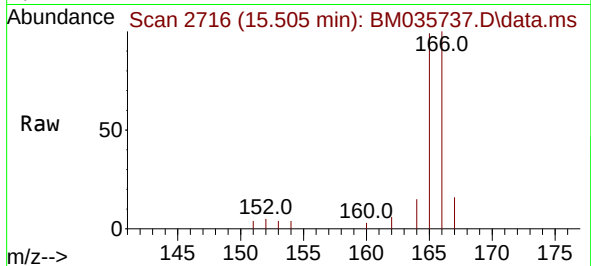
Tgt Ion:153 Resp: 3976
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 89.0 69.7 104.5



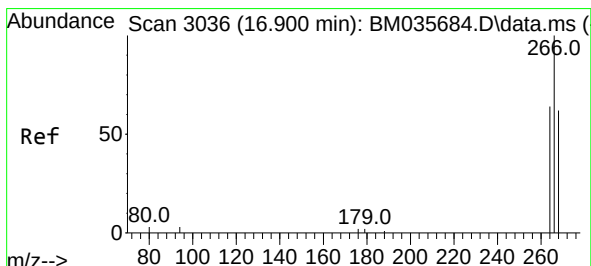
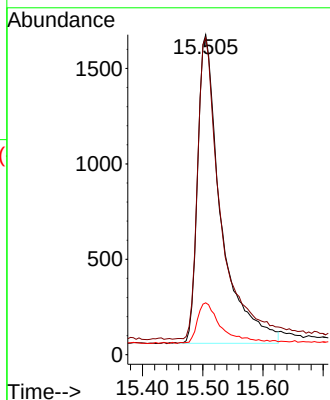
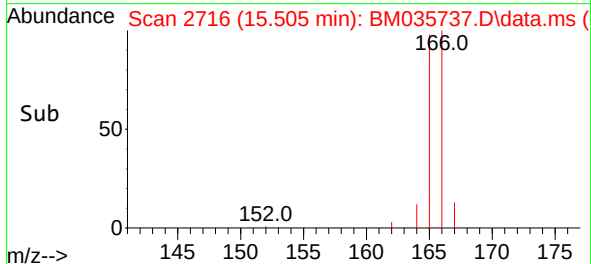


#12
 Fluorene
 Concen: 0.342 ng/ul
 RT: 15.505 min Scan# 21
 Delta R.T. 0.014 min
 Lab File: BM035737.D
 Acq: 28 Jun 2022 23:08

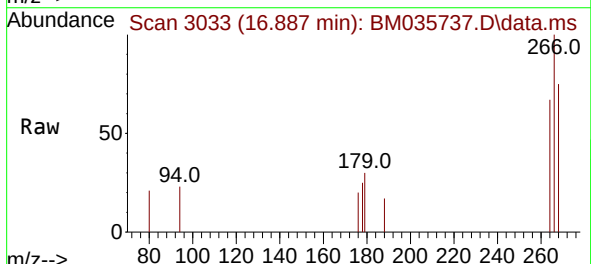
Instrument :
 BNA_M
 ClientSampleId :



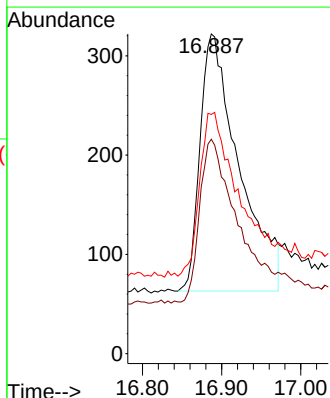
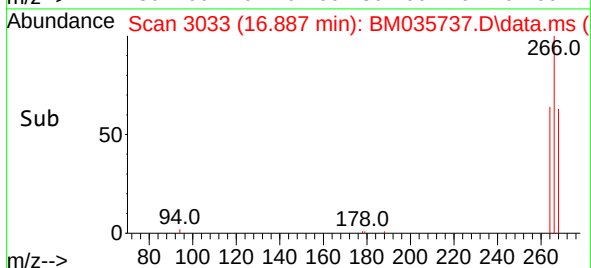
Tgt Ion:	166	Resp:	4344
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.9	118.3
167	16.2	11.3	16.9

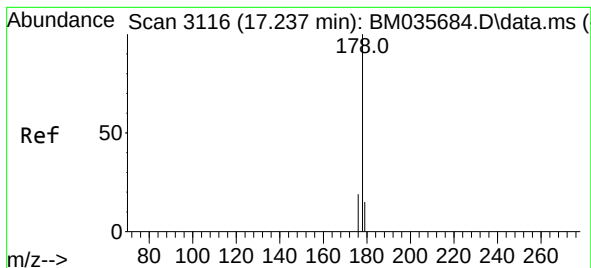


#14
 Pentachlorophenol
 Concen: 0.993 ng/ul
 RT: 16.887 min Scan# 3033
 Delta R.T. 0.008 min
 Lab File: BM035737.D
 Acq: 28 Jun 2022 23:08



Tgt Ion:	266	Resp:	885
Ion Ratio	Lower	Upper	
266	100		
264	61.7	50.3	75.5
268	64.3	53.5	80.3





#15

Phenanthrene

Concen: 0.325 ng/ul

RT: 17.233 min Scan# 3116

Delta R.T. 0.008 min

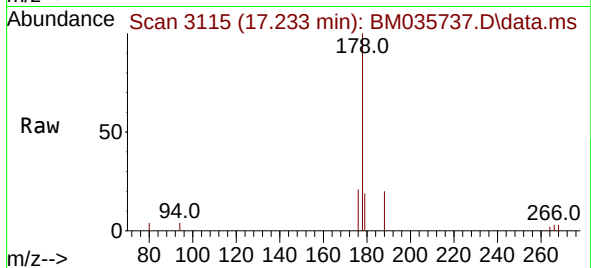
Lab File: BM035737.D

Acq: 28 Jun 2022 23:08

Instrument :

BNA_M

ClientSampleId :



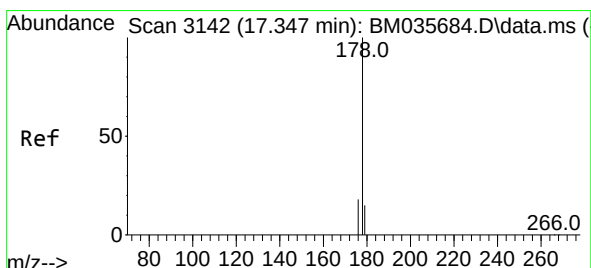
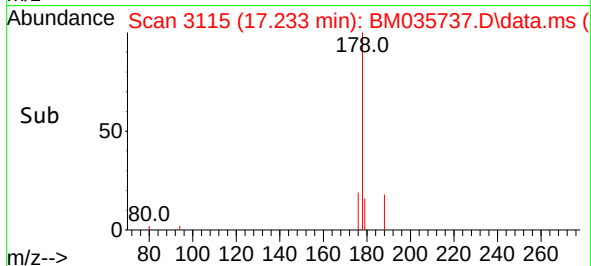
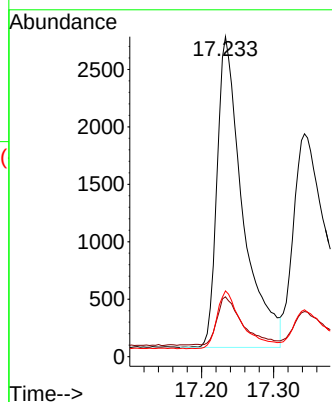
Tgt Ion:178 Resp: 6640

Ion Ratio Lower Upper

178 100

179 18.7 13.0 19.6

176 20.5 15.6 23.4



#16

Anthracene

Concen: 0.319 ng/ul

RT: 17.343 min Scan# 3141

Delta R.T. 0.017 min

Lab File: BM035737.D

Acq: 28 Jun 2022 23:08

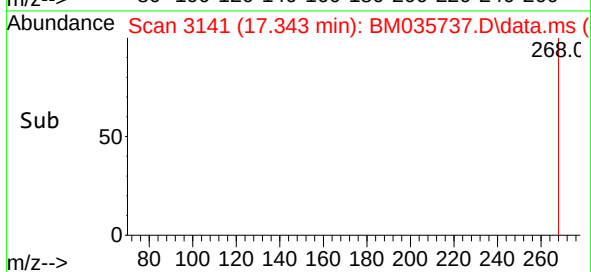
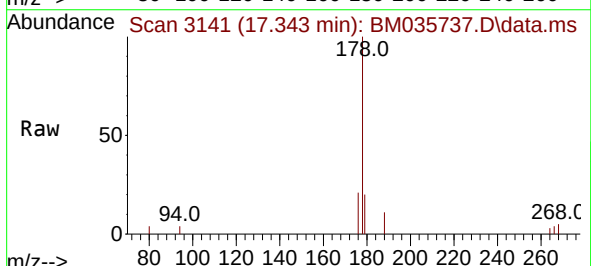
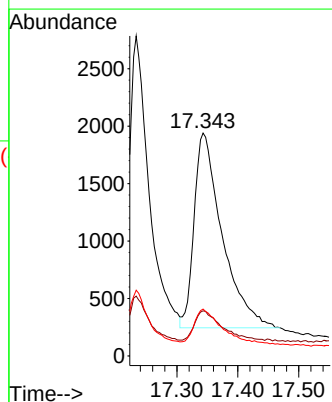
Tgt Ion:178 Resp: 5425

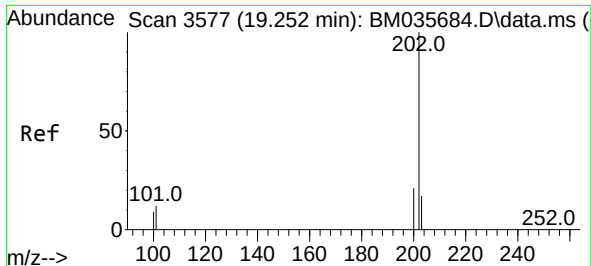
Ion Ratio Lower Upper

178 100

179 20.2 13.6 20.4

176 21.0 15.6 23.4





#19

Fluoranthene

Concen: 0.263 ng/u1

RT: 19.247 min Scan# 3576

Delta R.T. 0.009 min

Lab File: BM035737.D

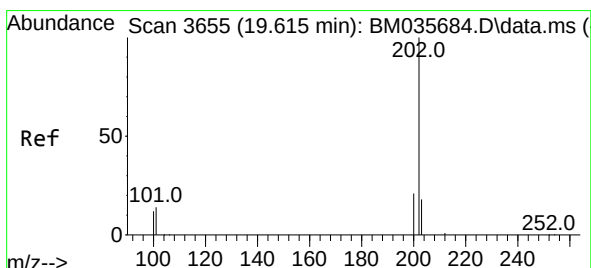
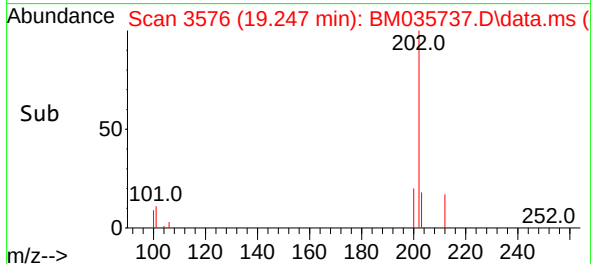
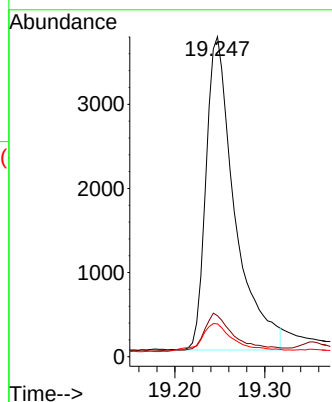
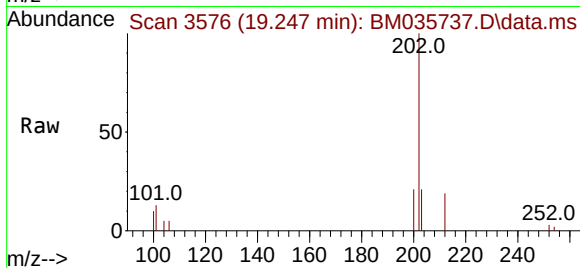
Acq: 28 Jun 2022 23:08

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	202	Resp:	8274
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.1	15.1
100	10.3	7.9	11.9



#20

Pyrene

Concen: 0.268 ng/u1

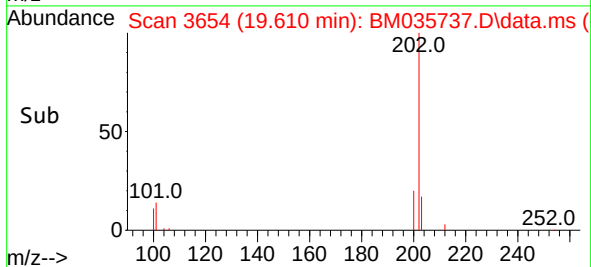
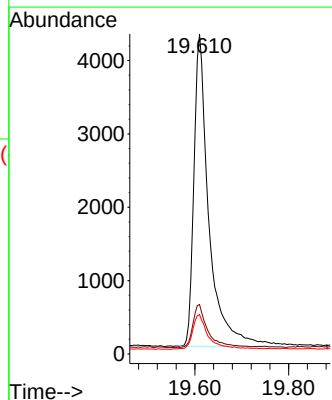
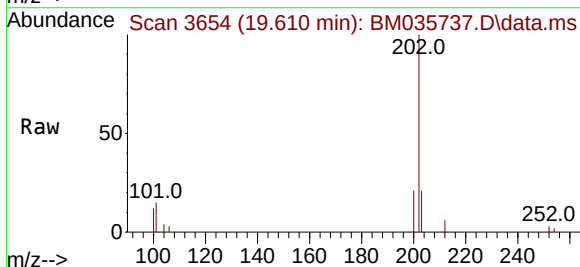
RT: 19.610 min Scan# 3654

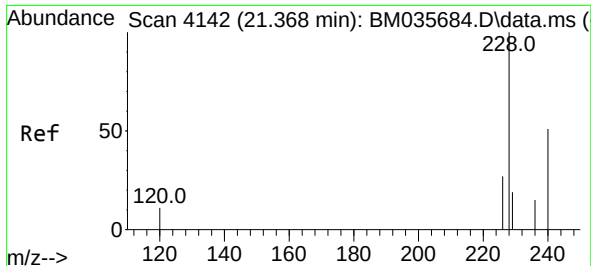
Delta R.T. 0.005 min

Lab File: BM035737.D

Acq: 28 Jun 2022 23:08

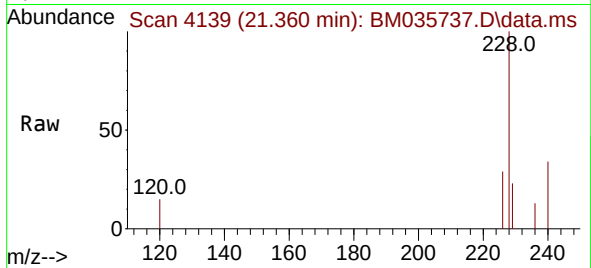
Tgt Ion:	202	Resp:	9457
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.0	18.0
100	12.3	9.8	14.6



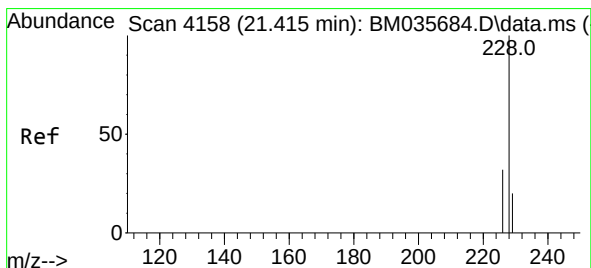
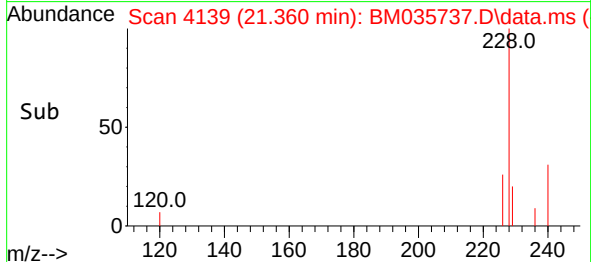
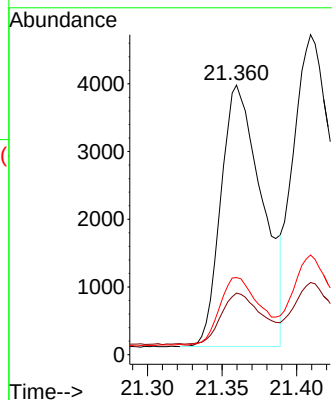


#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.360 min Scan# 4139
Delta R.T. 0.000 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Instrument :
BNA_M
ClientSampleId :

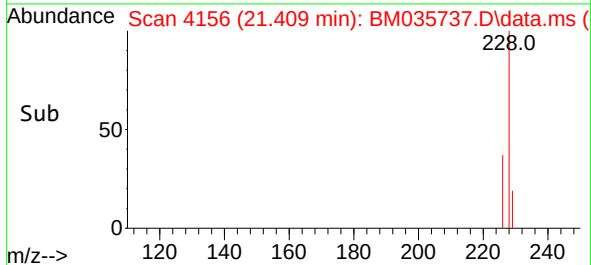
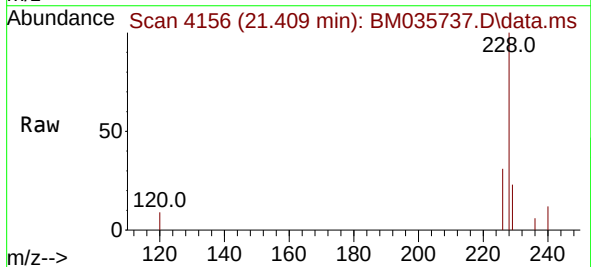
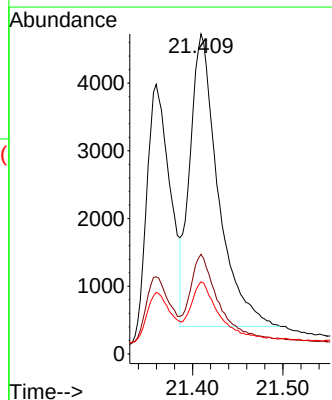


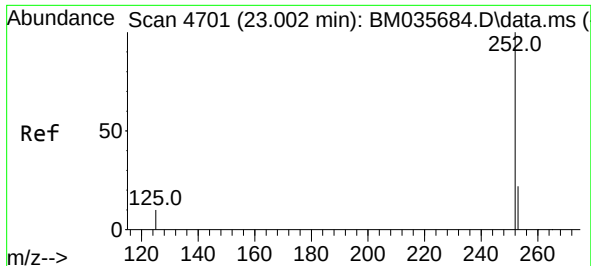
Tgt Ion:228 Resp: 7410
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.2
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.409 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

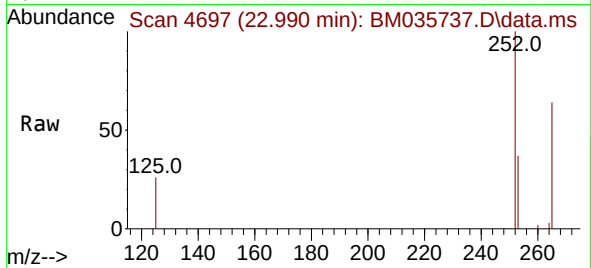
Tgt Ion:228 Resp: 9384
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 22.6 16.4 24.6



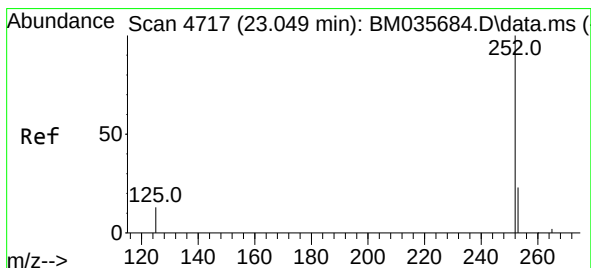
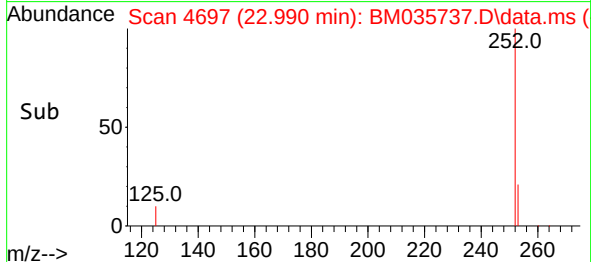
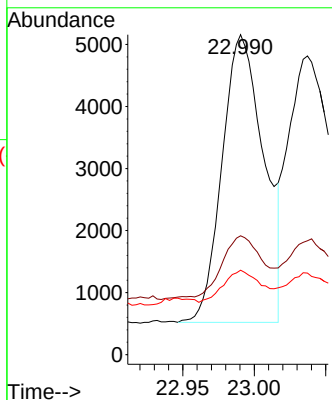


#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.990 min Scan# 4697
Delta R.T. -0.006 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Instrument :
BNA_M
ClientSampleId :

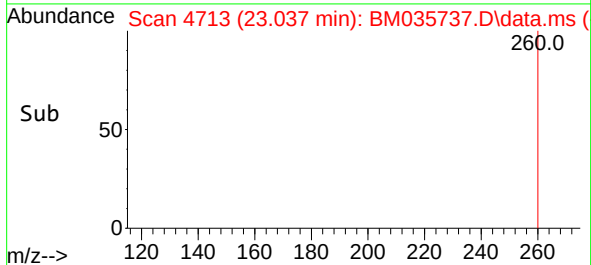
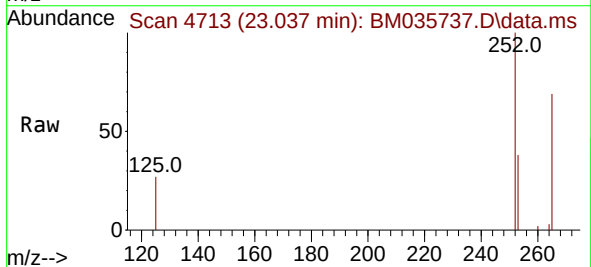
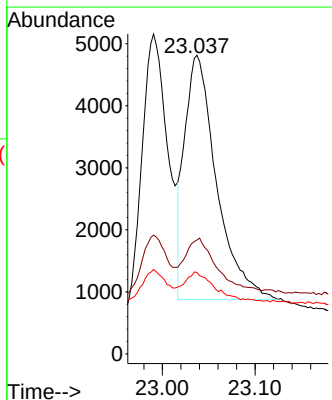


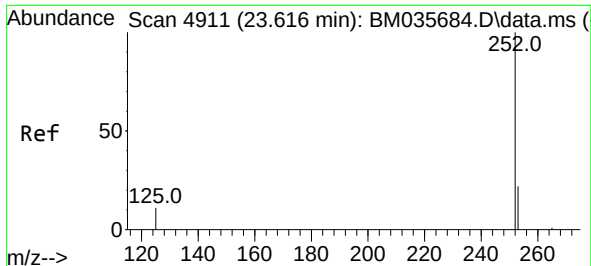
Tgt Ion:252 Resp: 9436
Ion Ratio Lower Upper
252 100
253 37.1 0.0 61.4
125 26.4 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.037 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

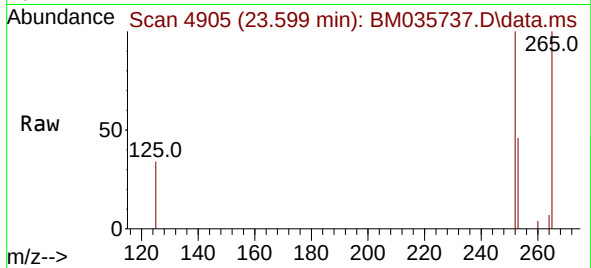
Tgt Ion:252 Resp: 9411
Ion Ratio Lower Upper
252 100
253 38.1 25.2 37.8#
125 27.3 18.3 27.5



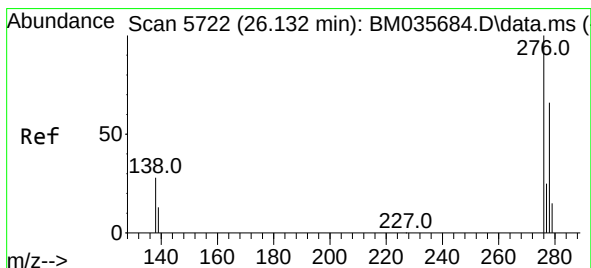
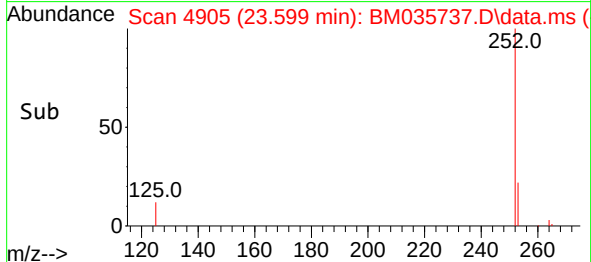
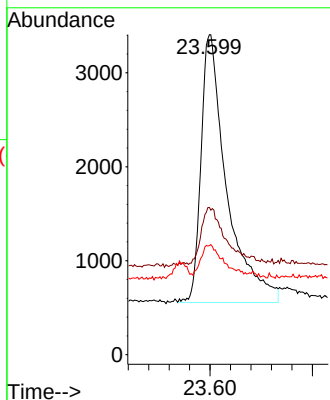


#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.599 min Scan# 4911
Delta R.T. -0.006 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Instrument :
BNA_M
ClientSampleId :

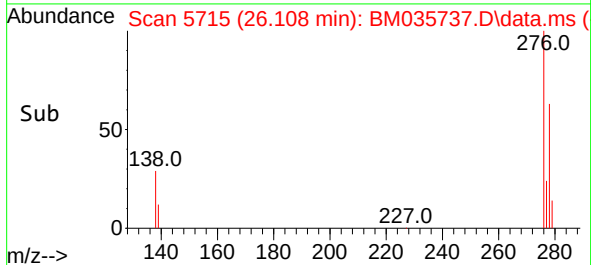
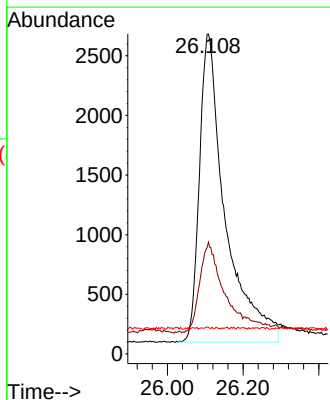
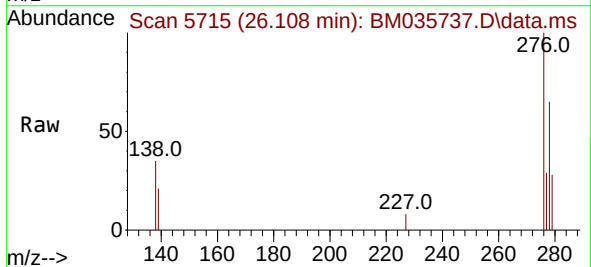


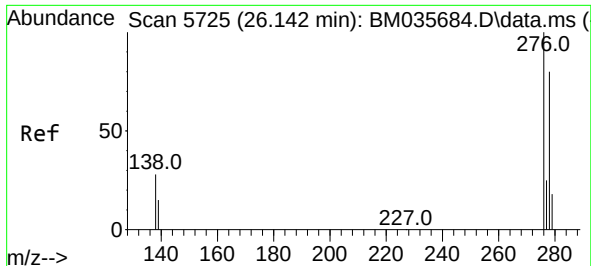
Tgt Ion:252 Resp: 9942
Ion Ratio Lower Upper
252 100
253 46.0 29.7 44.5#
125 34.1 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.108 min Scan# 5715
Delta R.T. -0.003 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Tgt Ion:276 Resp: 12212
Ion Ratio Lower Upper
276 100
138 29.9 23.9 35.9
227 0.1 0.1 0.1

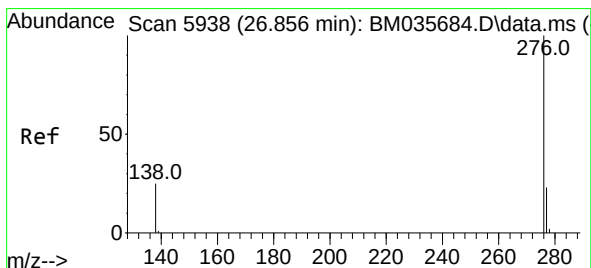
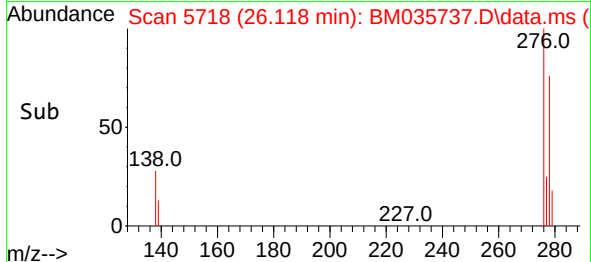
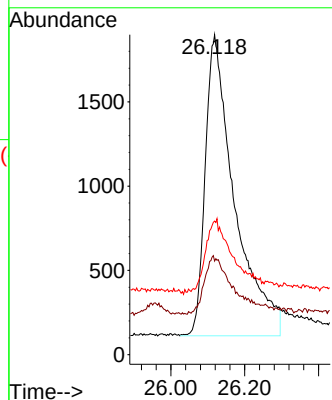
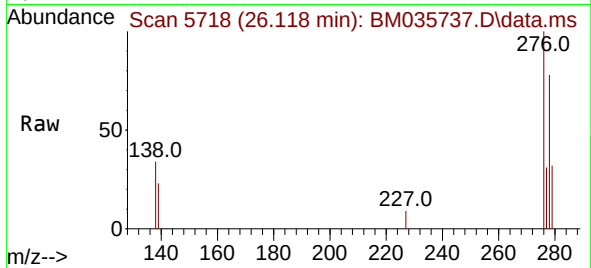




#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.118 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 9864
Ion Ratio Lower Upper
278 100
139 29.2 19.8 29.6
279 41.8 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.839 min Scan# 5933
Delta R.T. -0.010 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Tgt Ion:276 Resp: 11339
Ion Ratio Lower Upper
276 100
138 32.3 23.4 35.0
277 30.1 21.0 31.4

