

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035738.D
 Acq On : 28 Jun 2022 23:45
 Operator : CG/JU
 Sample : PB145703BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 29 04:28:21 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

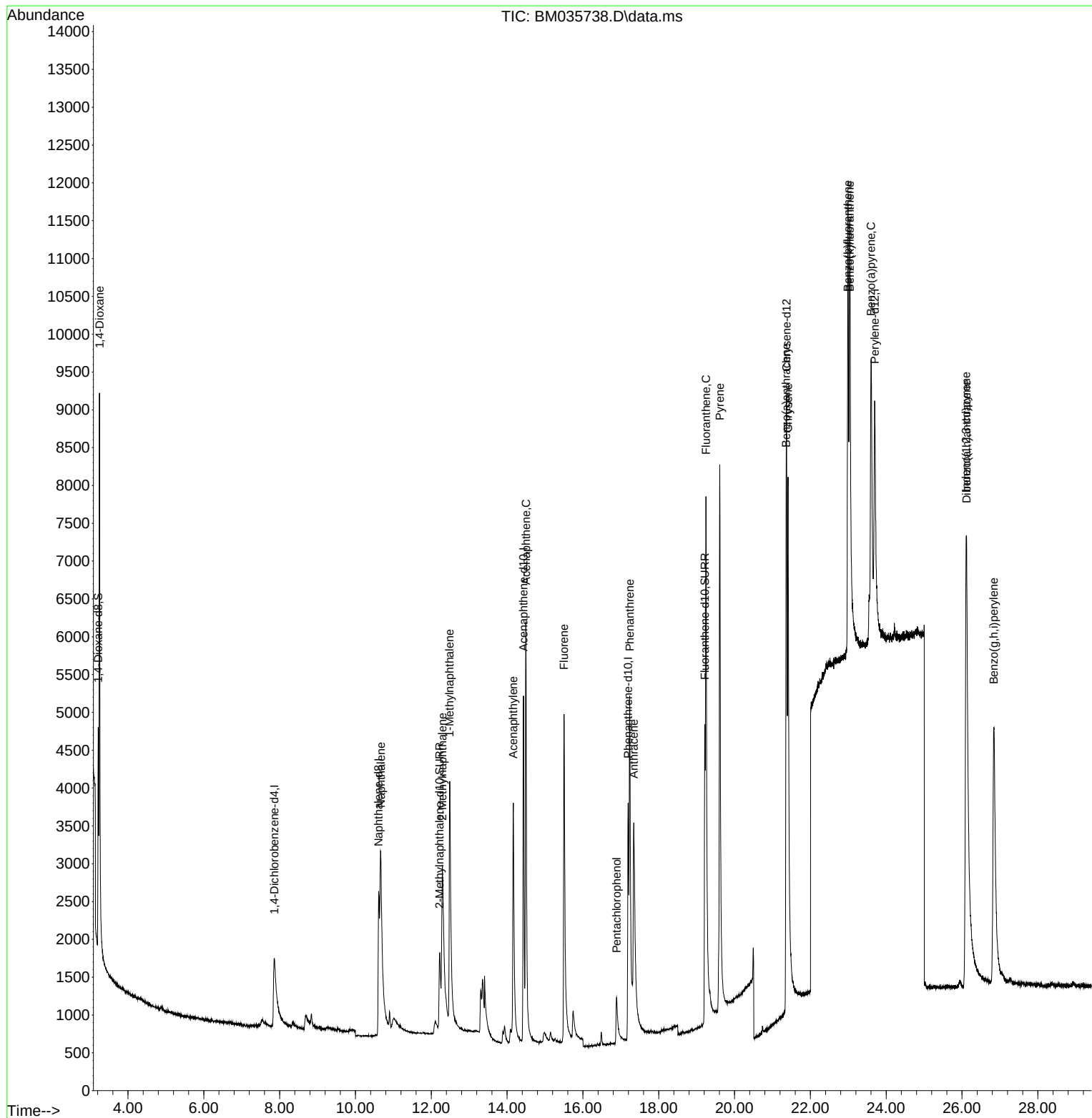
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	1433	0.400	ng/ul	0.04
4) Naphthalene-d8	10.611	136	6484	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.432	164	3329	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5697	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	5692	0.400	ng/ul	# 0.00
23) Perylene-d12	23.698	264	5489	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	1982	1.019	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	3367	0.332	ng/ul	0.02
18) Fluoranthene-d10	19.215	212	6397	0.333	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	4834	2.513	ng/ul#	79
5) Naphthalene	10.666	128	6552	0.331	ng/ul	96
7) 2-Methylnaphthalene	12.294	142	3688	0.297	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3929	0.335	ng/ul	100
10) Acenaphthylene	14.164	152	6197	0.355	ng/ul	98
11) Acenaphthene	14.497	153	4515	0.336	ng/ul	99
12) Fluorene	15.501	166	4900	0.316	ng/ul	98
14) Pentachlorophenol	16.887	266	859	0.955	ng/ul	98
15) Phenanthrene	17.233	178	7227	0.350	ng/ul	98
16) Anthracene	17.343	178	5924	0.345	ng/ul	97
19) Fluoranthene	19.248	202	8522	0.299	ng/ul	100
20) Pyrene	19.610	202	9749	0.305	ng/ul	99
21) Benzo(a)anthracene	21.360	228	7119	0.362	ng/ul	96
22) Chrysene	21.410	228	8912	0.352	ng/ul	98
24) Benzo(b)fluoranthene	22.991	252	8947	0.380	ng/ul	88
25) Benzo(k)fluoranthene	23.037	252	9284	0.386	ng/ul#	90
26) Benzo(a)pyrene	23.602	252	9584	0.399	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.108	276	11778	0.450	ng/ul	99
28) Dibenzo(a,h)anthracene	26.122	278	9534	0.460	ng/ul#	87
29) Benzo(g,h,i)perylene	26.839	276	10959	0.454	ng/ul	95

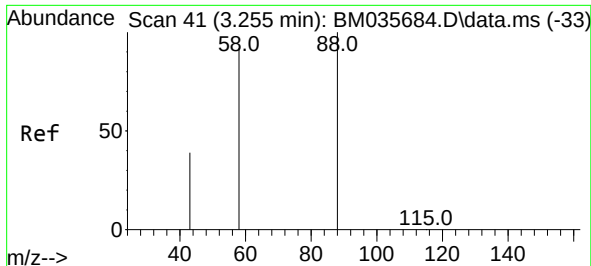
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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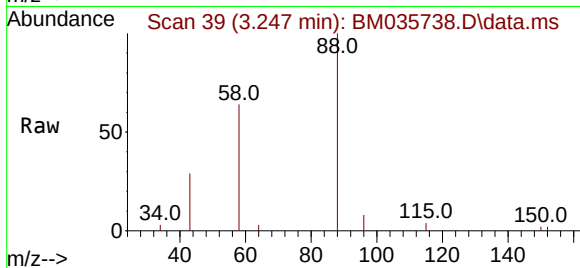
Quant Time: Jun 29 04:28:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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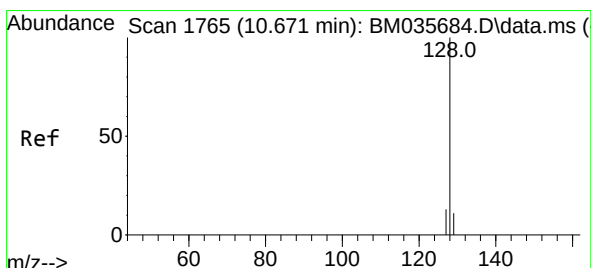
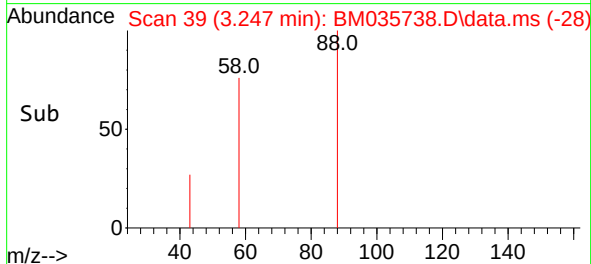
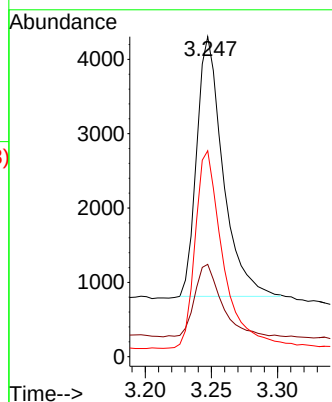


#2
1,4-Dioxane
Concen: 2.513 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Instrument :
BNA_M
ClientSampleId :

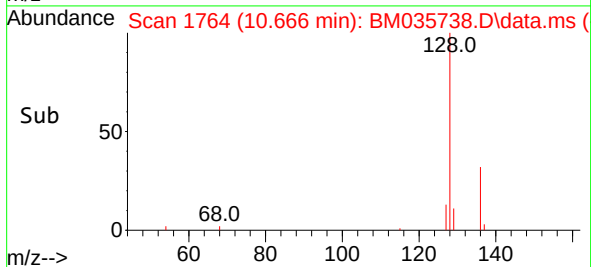
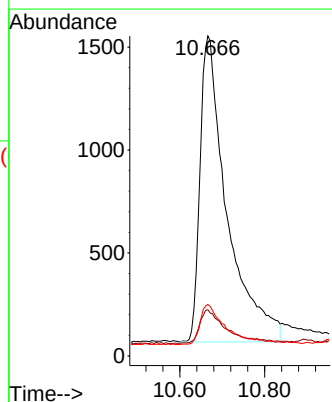
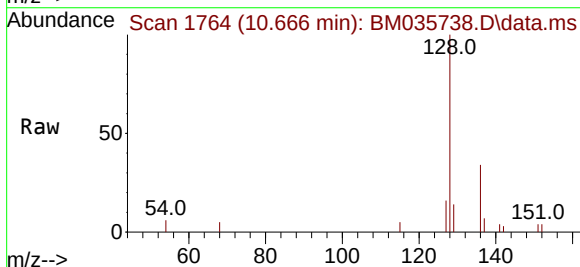


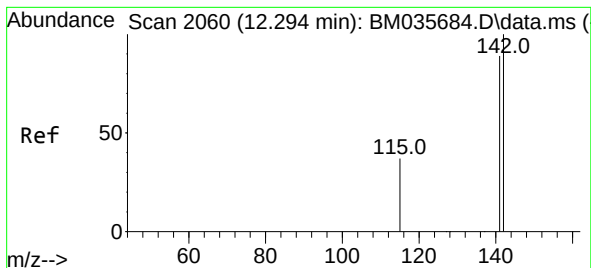
Tgt Ion: 88 Resp: 4834
Ion Ratio Lower Upper
88 100
43 28.9 37.8 56.6#
58 64.3 42.6 63.8#



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. 0.017 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion: 128 Resp: 6552
Ion Ratio Lower Upper
128 100
129 14.4 10.2 15.2
127 16.1 11.7 17.5

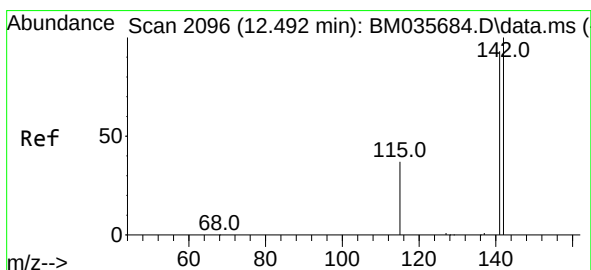
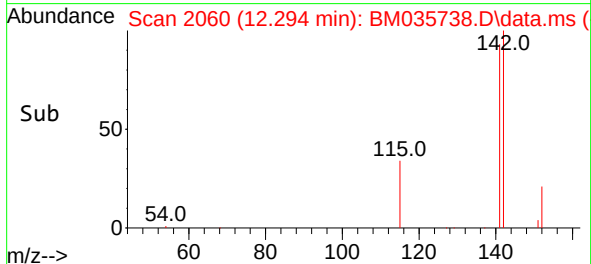
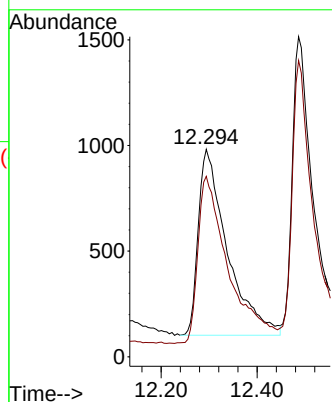
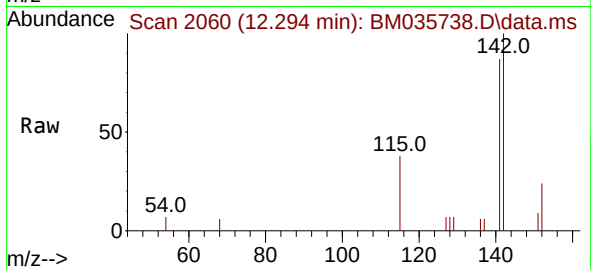




#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.022 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

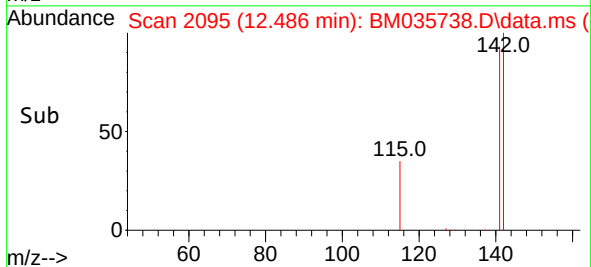
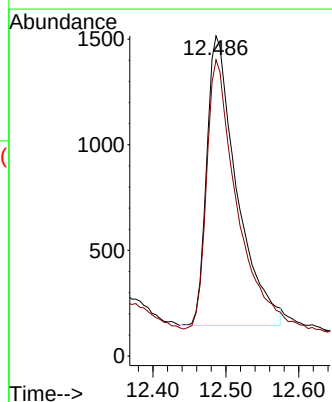
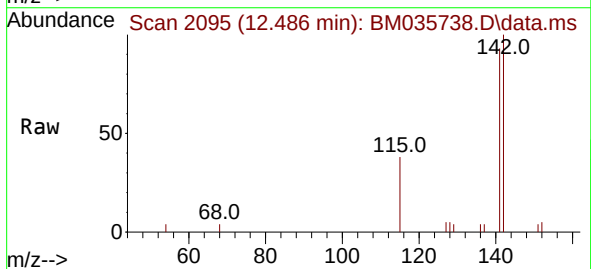
Instrument :
BNA_M
ClientSampleId :

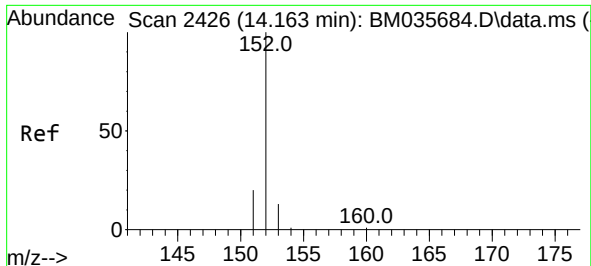
Tgt Ion:142 Resp: 3688
Ion Ratio Lower Upper
142 100
141 95.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.486 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:142 Resp: 3929
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

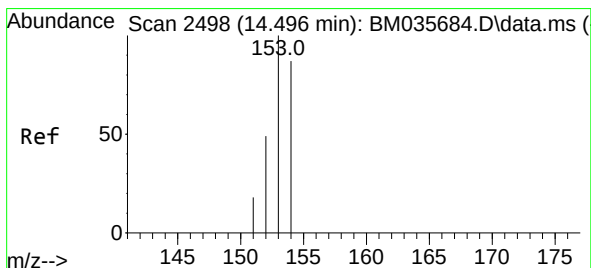
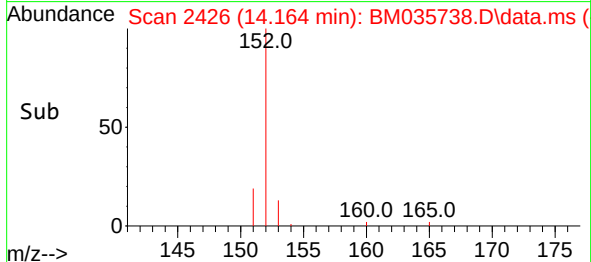
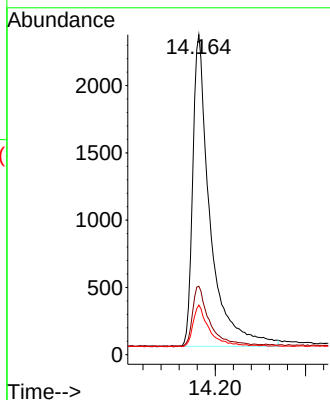
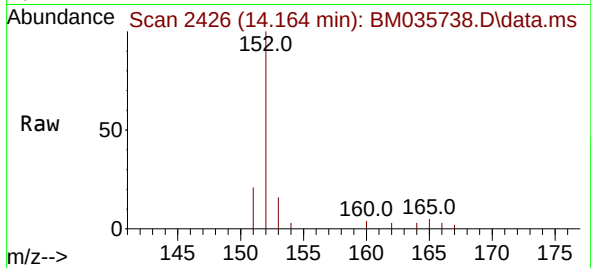




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

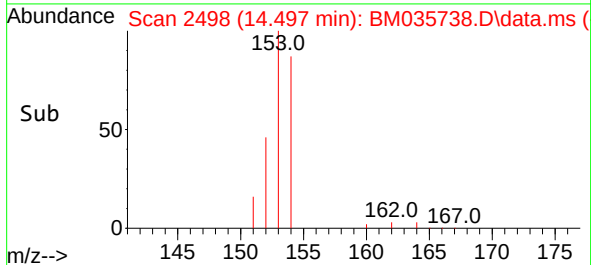
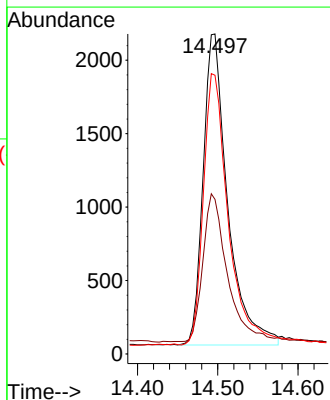
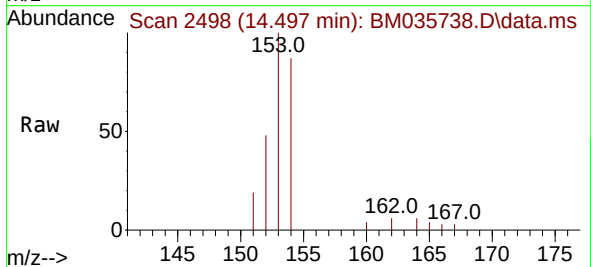
Instrument :
BNA_M
ClientSampleId :

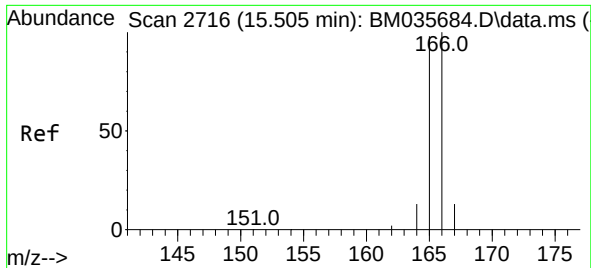
Tgt Ion:152 Resp: 6197
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8
153 15.5 11.4 17.0



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. 0.005 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

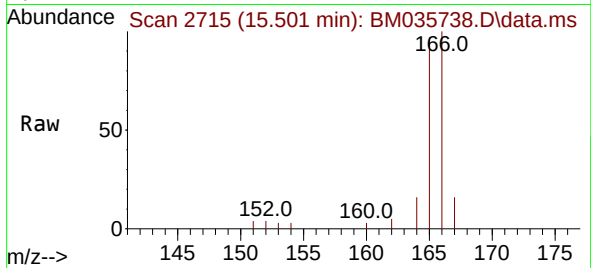
Tgt Ion:153 Resp: 4515
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.4
154 87.1 69.7 104.5



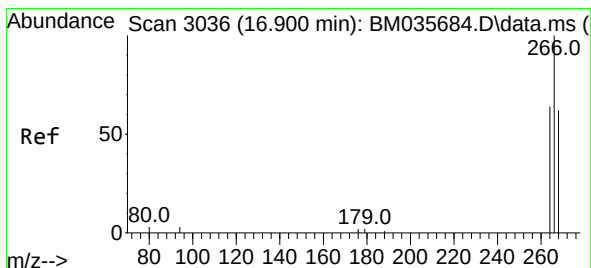
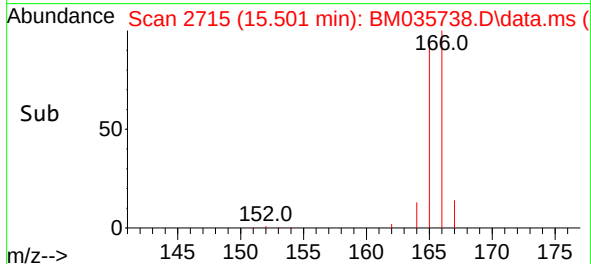
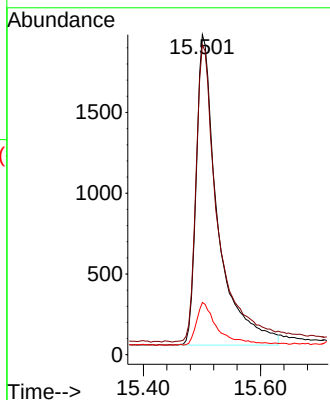


#12
 Fluorene
 Concen: 0.316 ng/ul
 RT: 15.501 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BM035738.D
 Acq: 28 Jun 2022 23:45

Instrument :
 BNA_M
 ClientSampleId :

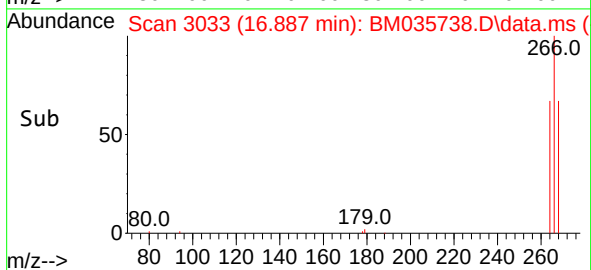
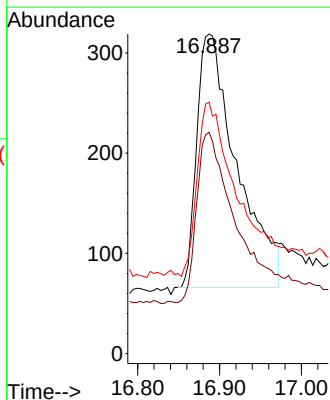
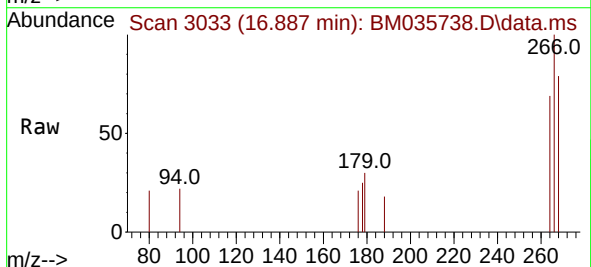


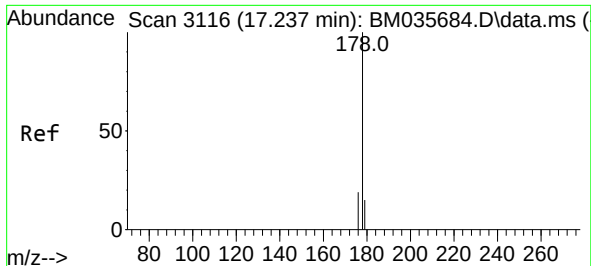
Tgt Ion:166 Resp: 4900
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.9 118.3
 167 16.3 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.955 ng/ul
 RT: 16.887 min Scan# 3033
 Delta R.T. 0.009 min
 Lab File: BM035738.D
 Acq: 28 Jun 2022 23:45

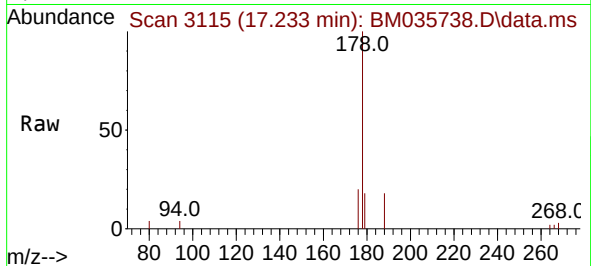
Tgt Ion:266 Resp: 859
 Ion Ratio Lower Upper
 266 100
 264 64.5 50.3 75.5
 268 68.5 53.5 80.3



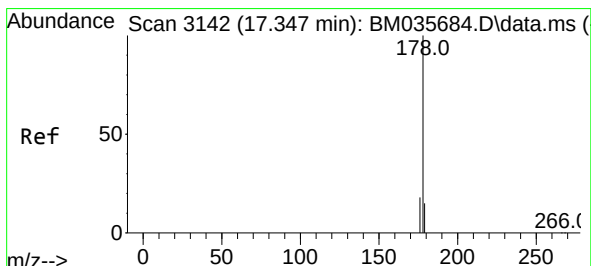
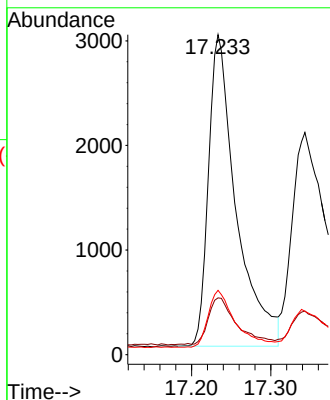
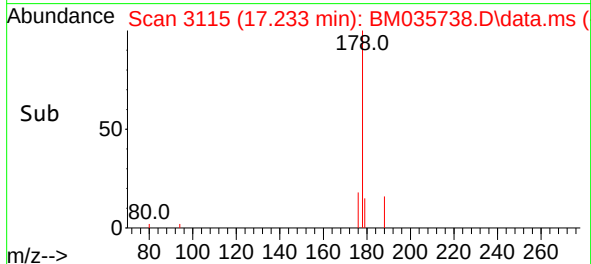


#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. 0.009 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

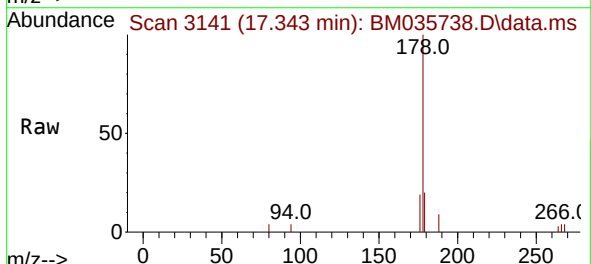
Instrument :
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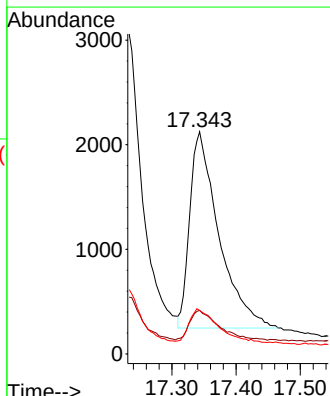
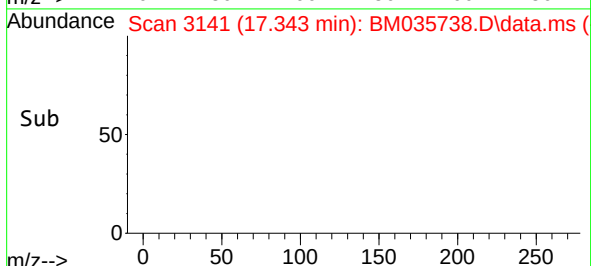
Tgt Ion:178 Resp: 7227
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.1 15.6 23.4

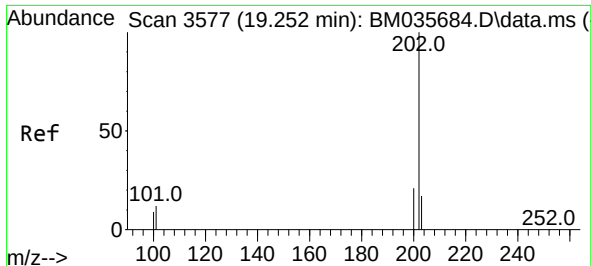


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.017 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45



Tgt Ion:178 Resp: 5924
Ion Ratio Lower Upper
178 100
179 19.7 13.6 20.4
176 19.5 15.6 23.4

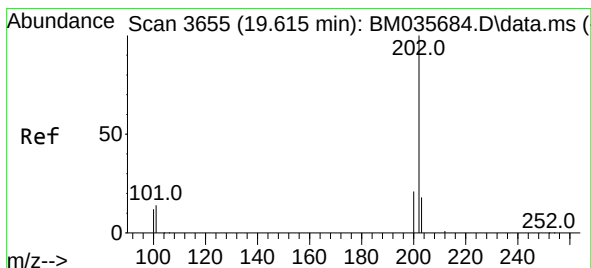
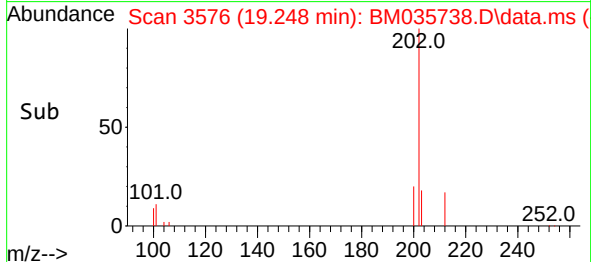
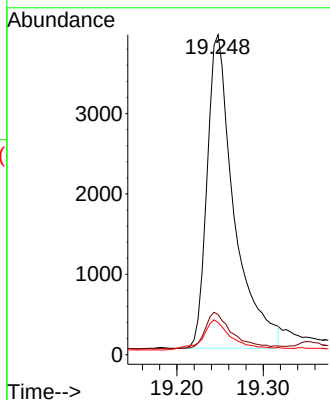
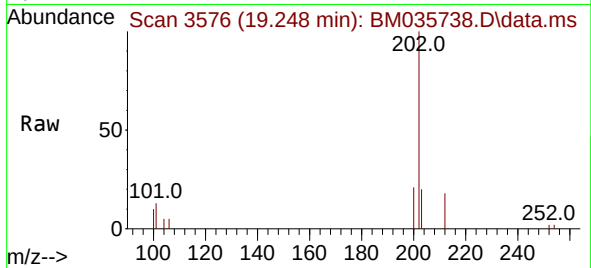




#19
Fluoranthene
Concen: 0.299 ng/u1
RT: 19.248 min Scan# 3576
Delta R.T. 0.010 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

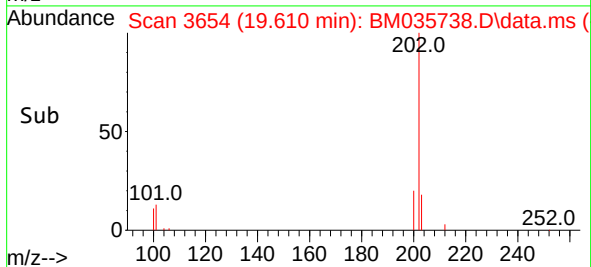
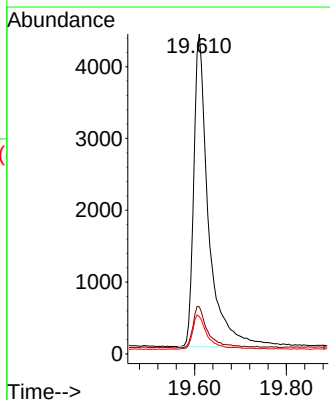
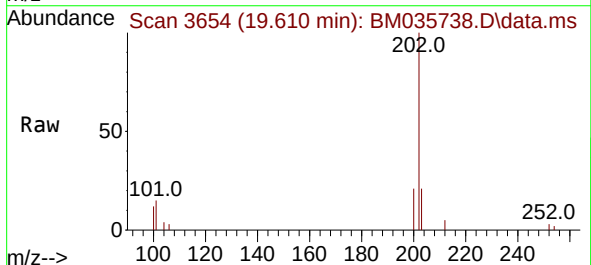
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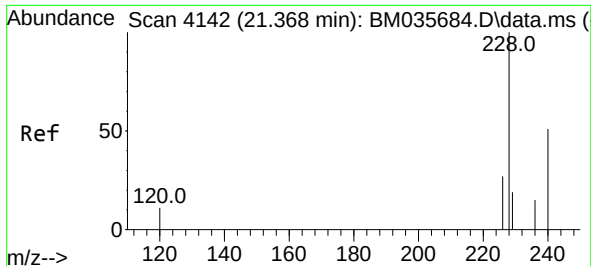
Tgt Ion:202 Resp: 8522
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 10.1 7.9 11.9



#20
Pyrene
Concen: 0.305 ng/u1
RT: 19.610 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

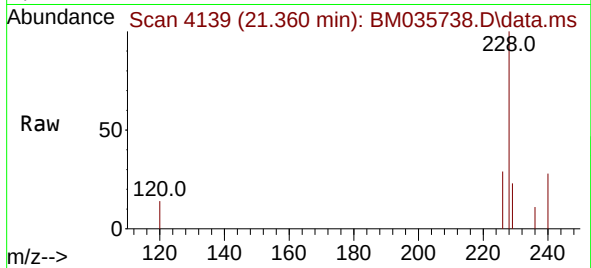
Tgt Ion:202 Resp: 9749
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.7 9.8 14.6



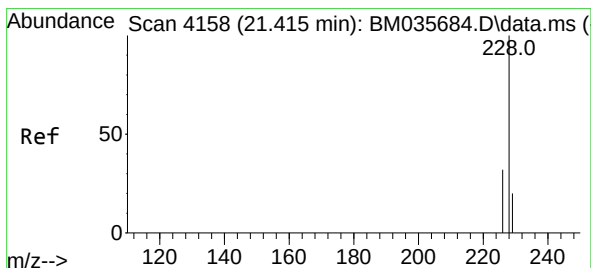
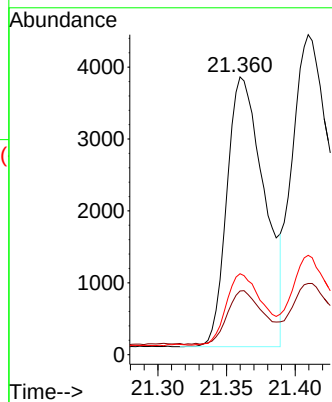
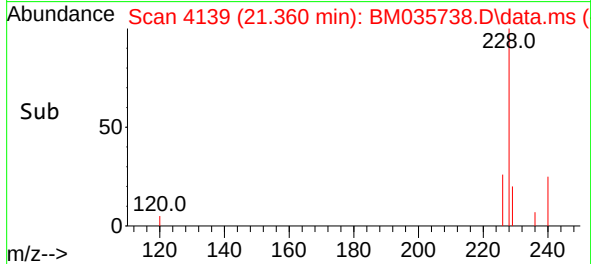


#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.360 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Instrument :
BNA_M
ClientSampleId :

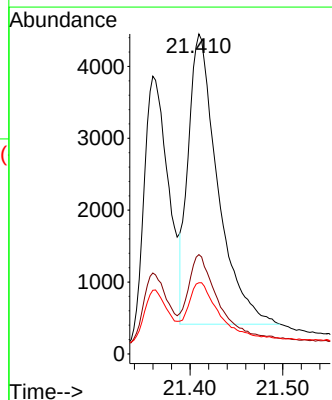
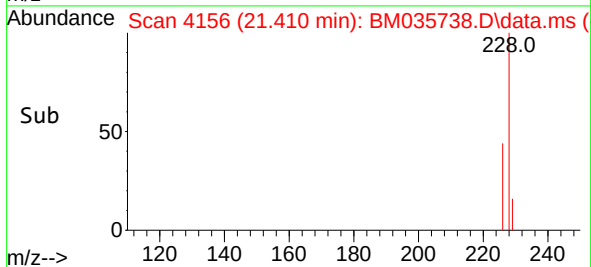
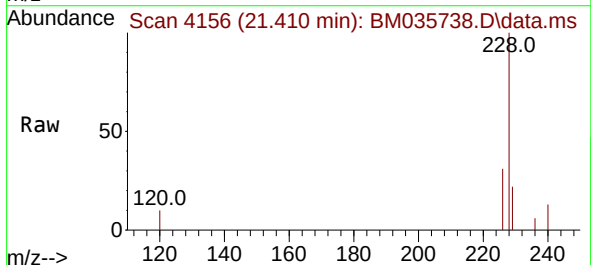


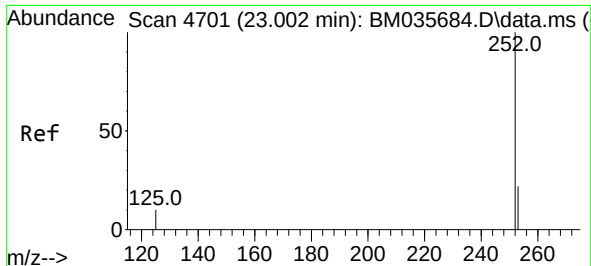
Tgt Ion:228 Resp: 7119
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.2
226 29.1 22.5 33.7



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.410 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:228 Resp: 8912
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 22.3 16.4 24.6

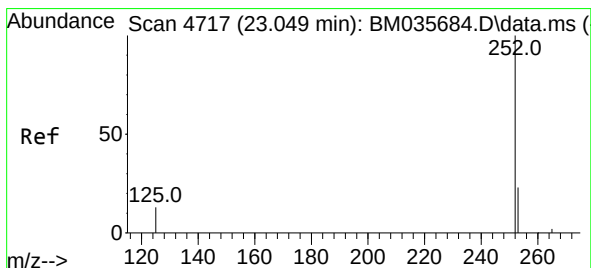
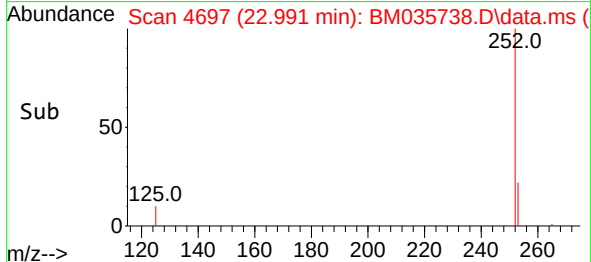
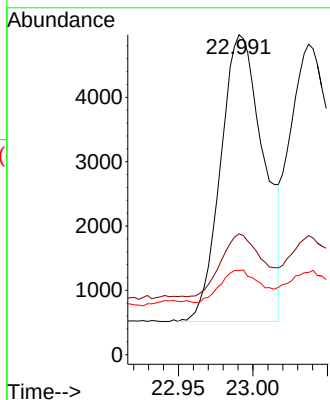
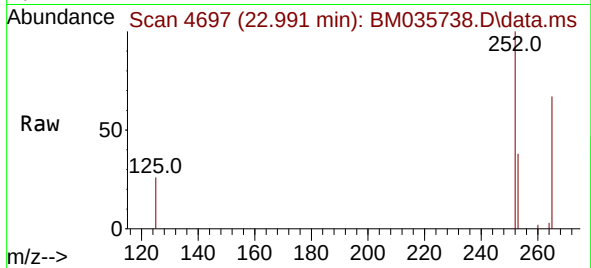




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.991 min Scan# 4697
Delta R.T. -0.006 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

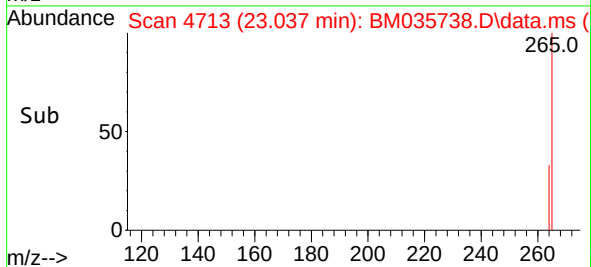
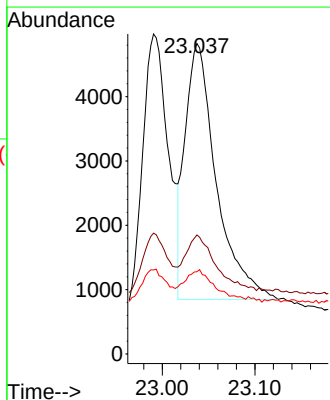
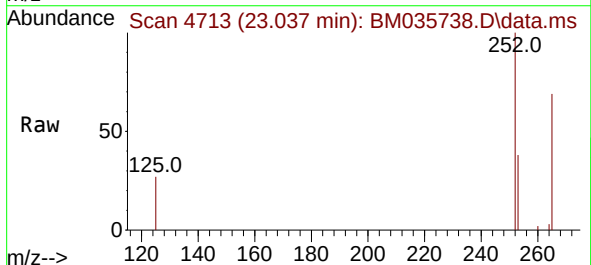
Instrument :
BNA_M
ClientSampleId :

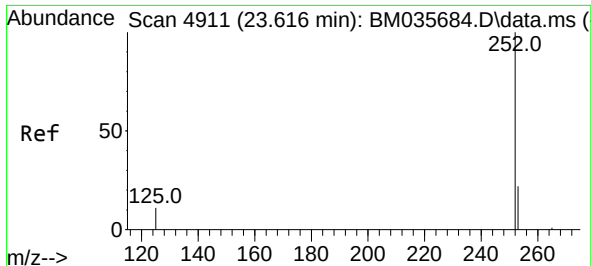
Tgt Ion:252 Resp: 8947
Ion Ratio Lower Upper
252 100
253 37.7 0.0 61.4
125 26.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.037 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

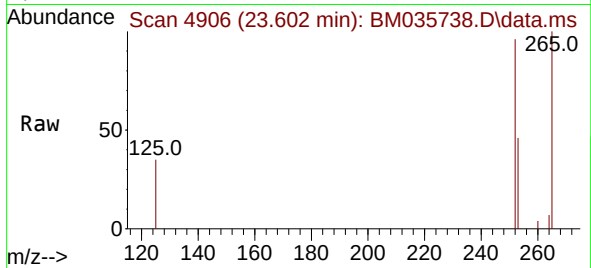
Tgt Ion:252 Resp: 9284
Ion Ratio Lower Upper
252 100
253 38.3 25.2 37.8#
125 26.5 18.3 27.5



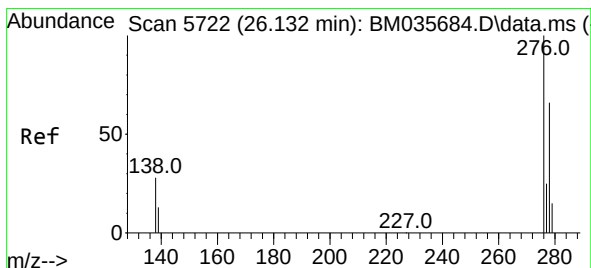
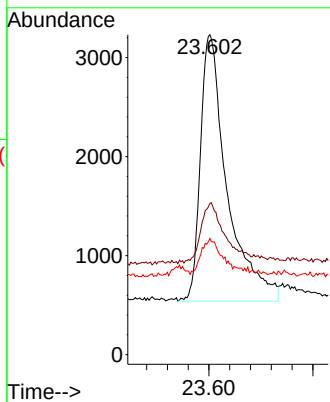
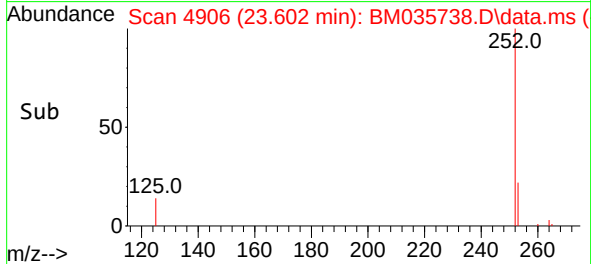


#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.602 min Scan# 4906
Delta R.T. -0.003 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Instrument :
BNA_M
ClientSampleId :

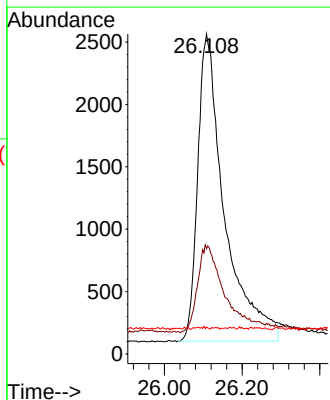
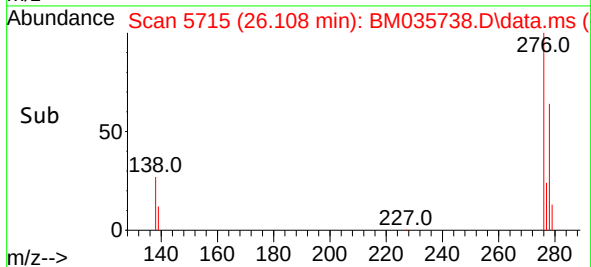
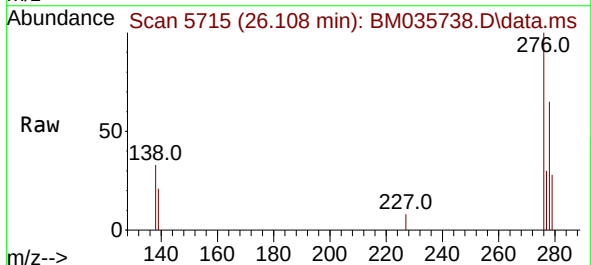


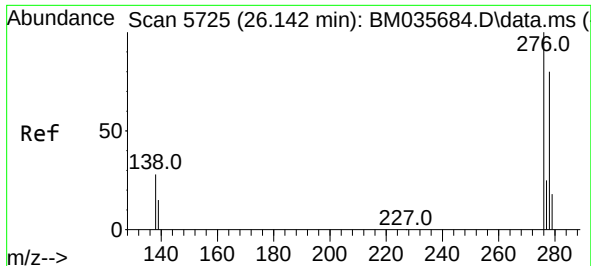
Tgt Ion:252 Resp: 9584
Ion Ratio Lower Upper
252 100
253 47.3 29.7 44.5#
125 36.3 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.108 min Scan# 5715
Delta R.T. -0.003 min
Lab File: BM035738.D
Acq: 28 Jun 2022 23:45

Tgt Ion:276 Resp: 11778
Ion Ratio Lower Upper
276 100
138 30.6 23.9 35.9
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.460 ng/ul

RT: 26.122 min Scan# 5

Delta R.T. 0.004 min

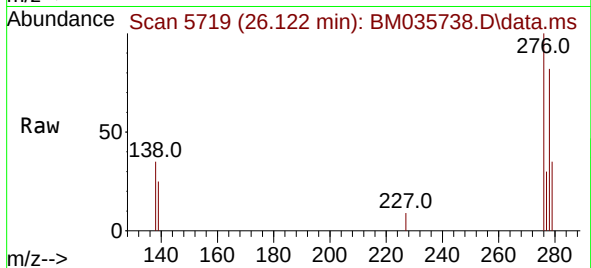
Lab File: BM035738.D

Acq: 28 Jun 2022 23:45

Instrument :

BNA_M

ClientSampleId :



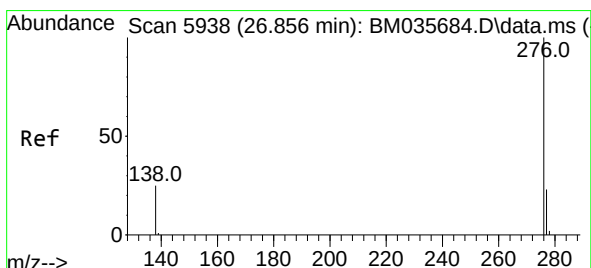
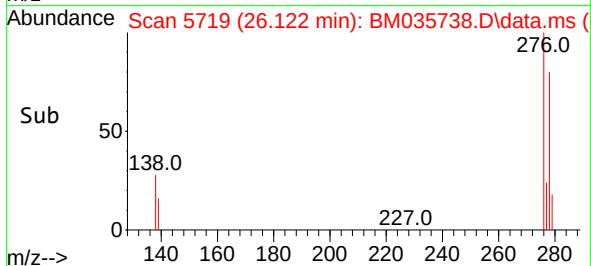
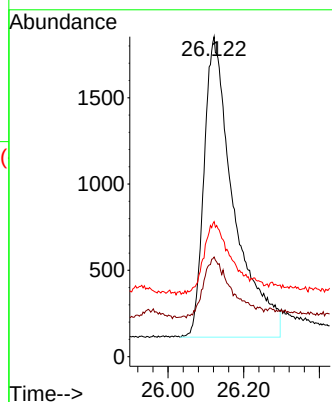
Tgt Ion:278 Resp: 9534

Ion Ratio Lower Upper

278 100

139 31.1 19.8 29.6#

279 42.2 27.7 41.5#



#29

Benzo(g,h,i)perylene

Concen: 0.454 ng/ul

RT: 26.839 min Scan# 5933

Delta R.T. -0.010 min

Lab File: BM035738.D

Acq: 28 Jun 2022 23:45

Tgt Ion:276 Resp: 10959

Ion Ratio Lower Upper

276 100

138 30.8 23.4 35.0

277 29.9 21.0 31.4

