

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
 Data File : BM035785.D
 Acq On : 30 Jun 2022 17:28
 Operator : CG/JU
 Sample : N3374-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 01 01:17:09 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 17:48:53 2022
 Response via : Initial Calibration

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

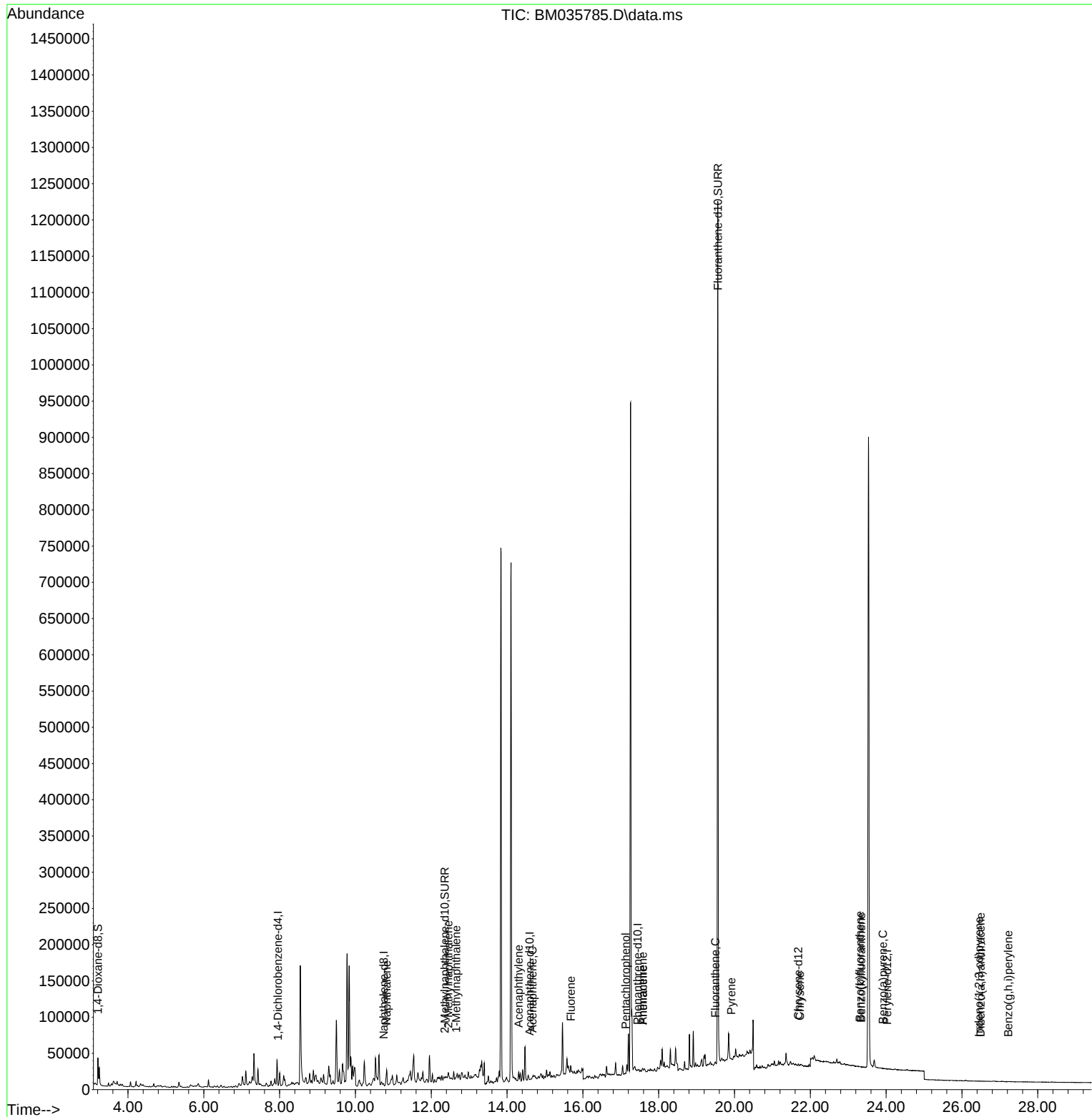
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	81	0.400	ng/ul	# 0.09
4) Naphthalene-d8	10.743	136	1139	0.400	ng/ul	# 0.12
9) Acenaphthene-d10	14.599	164	1423	0.400	ng/ul	# 0.17
13) Phenanthrene-d10	17.445	188	283	0.400	ng/ul	# 0.25
17) Chrysene-d12	21.683	240	3155	0.400	ng/ul	# 0.31
23) Perylene-d12	24.027	264	81	0.400	ng/ul	# 0.33
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	22590	205.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	3449	1.934	ng/ul	0.13
18) Fluoranthene-d10	19.560	212	1169672	109.999	ng/ul	0.34
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	3546	1.018	ng/ul#	1
7) 2-Methylnaphthalene	12.453	142	8031	3.682	ng/ul#	48
8) 1-Methylnaphthalene	12.657	142	562	0.272	ng/ul#	3
10) Acenaphthylene	14.308	152	1112	0.149	ng/ul#	1
11) Acenaphthene	14.668	153	3477	0.605	ng/ul#	47
12) Fluorene	15.682	166	325	0.049	ng/ul#	1
14) Pentachlorophenol	17.128	266	19	0.425	ng/ul#	1
15) Phenanthrene	17.580	178	5300	5.168	ng/ul#	1
16) Anthracene	17.580	178	5300	6.220	ng/ul#	1
19) Fluoranthene	19.495	202	1781	0.113	ng/ul#	1
20) Pyrene	19.913	202	1457	0.082	ng/ul#	1
22) Chrysene	21.724	228	1128	0.080	ng/ul#	1
24) Benzo(b)fluoranthene	23.305	252	60	0.173	ng/ul#	1
25) Benzo(k)fluoranthene	23.343	252	233	0.657	ng/ul#	1
26) Benzo(a)pyrene	23.913	252	113	0.319	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.453	276	79	0.204	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.493	278	175	0.572	ng/ul#	1
29) Benzo(g,h,i)perylene	27.221	276	12	0.034	ng/ul#	1

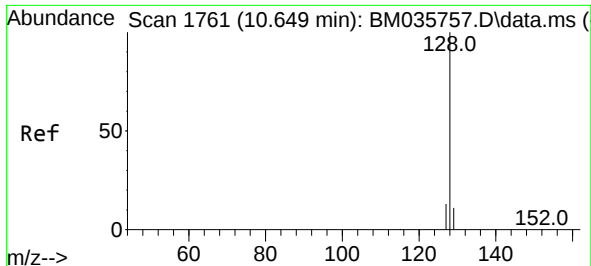
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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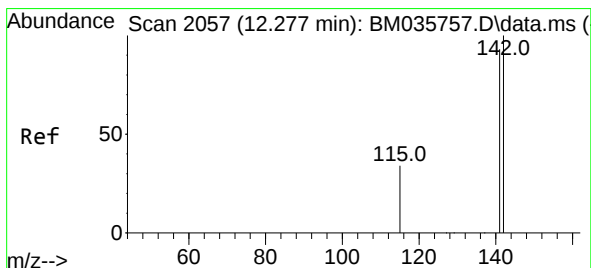
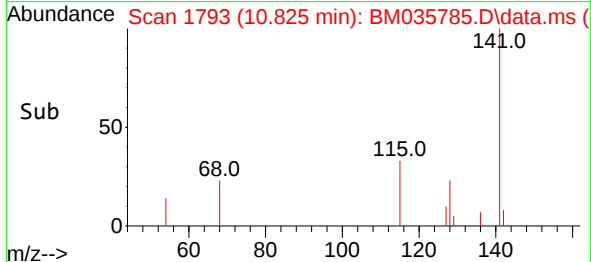
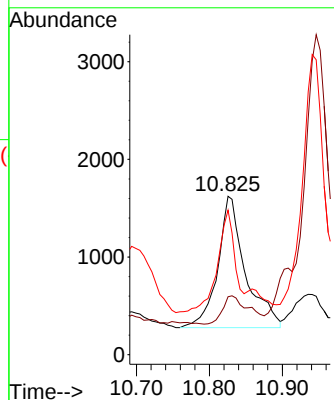
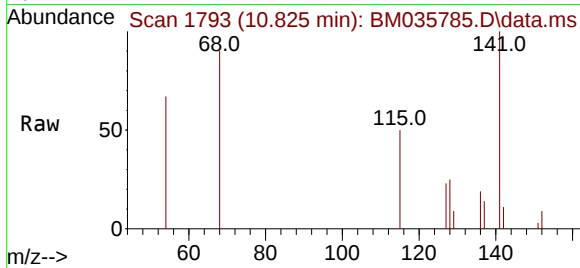




#5
Naphthalene
Concen: 1.018 ng/ul
RT: 10.825 min Scan# 1
Delta R.T. 0.154 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

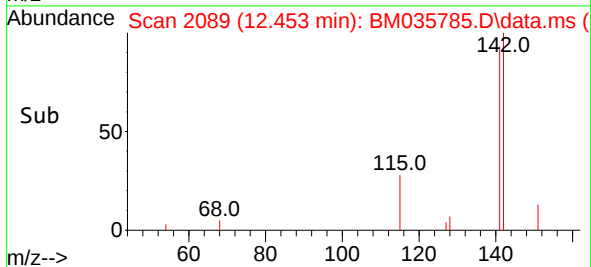
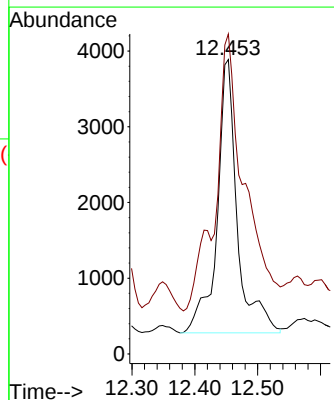
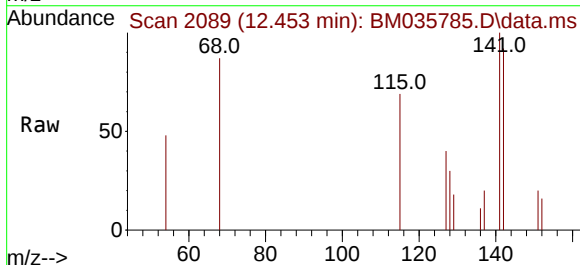
Instrument :
BNA_M
ClientSampleId :

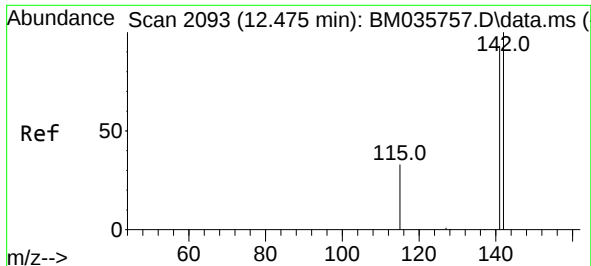
Tgt Ion:128 Resp: 3546
Ion Ratio Lower Upper
128 100
129 36.6 10.2 15.2#
127 91.2 11.7 17.5#



#7
2-Methylnaphthalene
Concen: 3.682 ng/ul
RT: 12.453 min Scan# 2089
Delta R.T. 0.154 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

Tgt Ion:142 Resp: 8031
Ion Ratio Lower Upper
142 100
141 148.2 77.4 116.0#

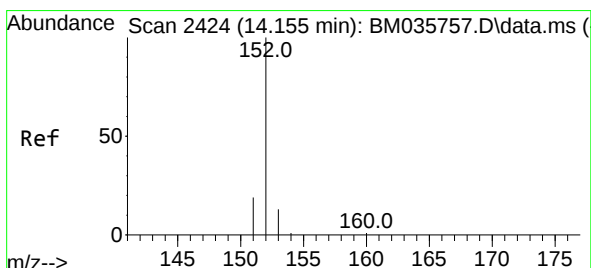
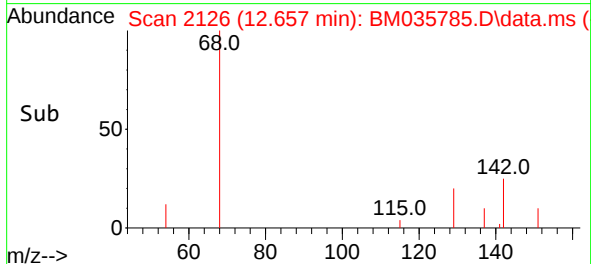
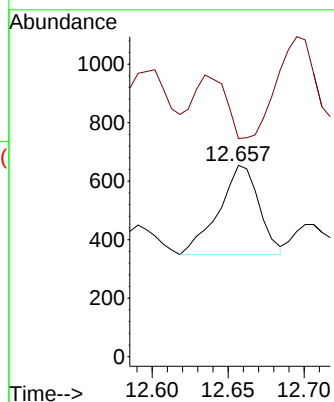
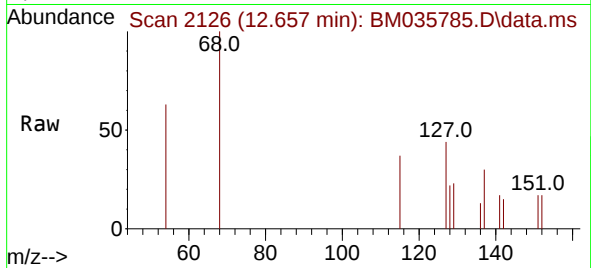




#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.657 min Scan# 2126
Delta R.T. 0.165 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

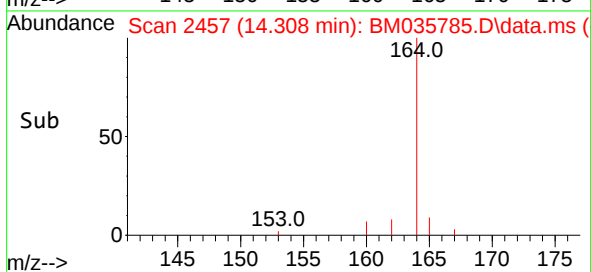
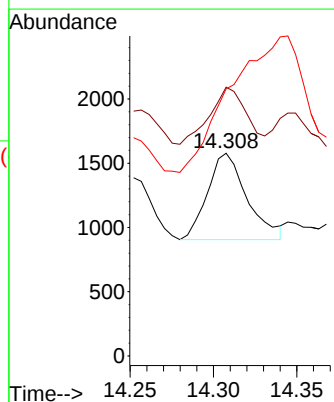
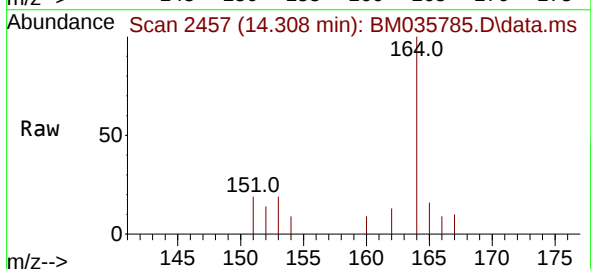
Instrument :
BNA_M
ClientSampleId :

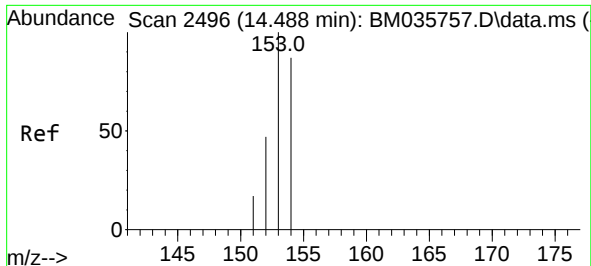
Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
141 0.0 74.1 111.1#



#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 14.308 min Scan# 2457
Delta R.T. 0.144 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

Tgt Ion:152 Resp: 1112
Ion Ratio Lower Upper
152 100
151 132.6 16.6 24.8#
153 131.7 11.4 17.0#

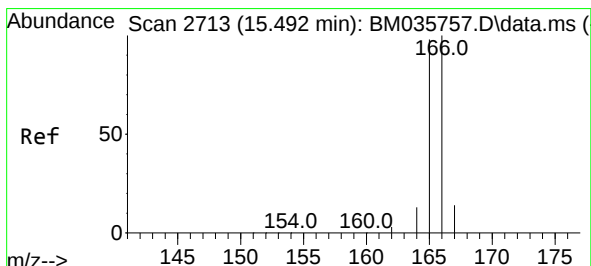
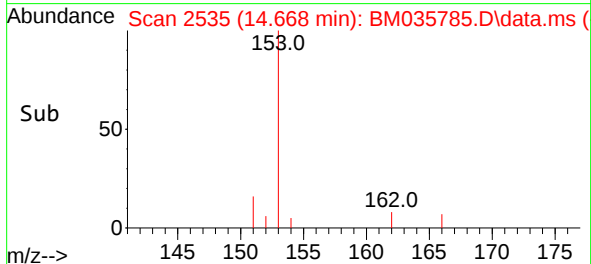
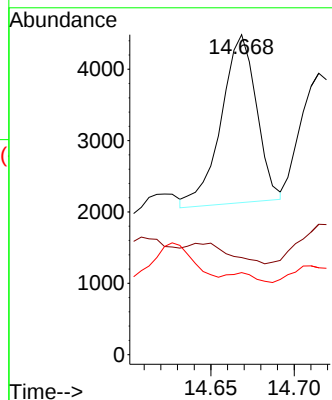
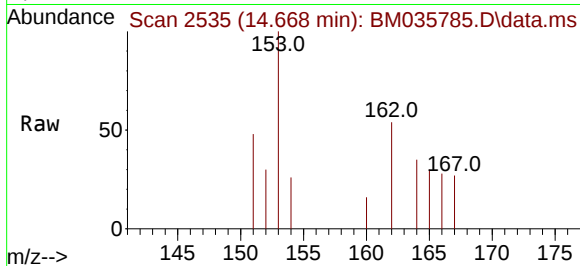




#11
Acenaphthene
Concen: 0.605 ng/ul
RT: 14.668 min Scan# 21
Delta R.T. 0.171 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

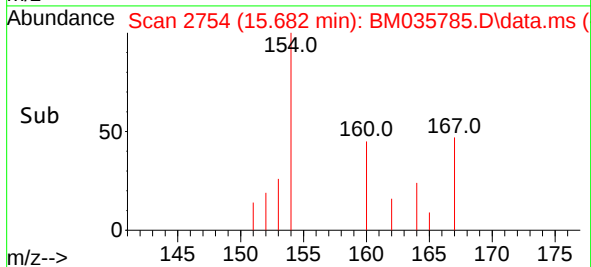
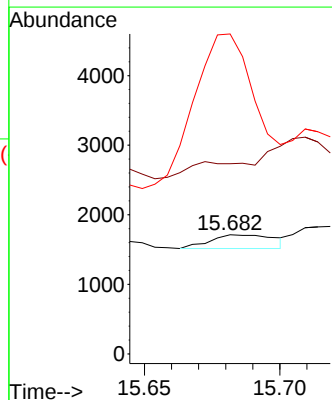
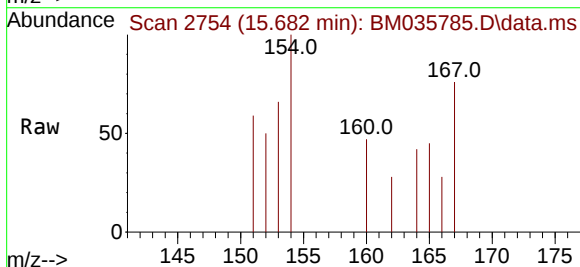
Instrument :
BNA_M
ClientSampleId :

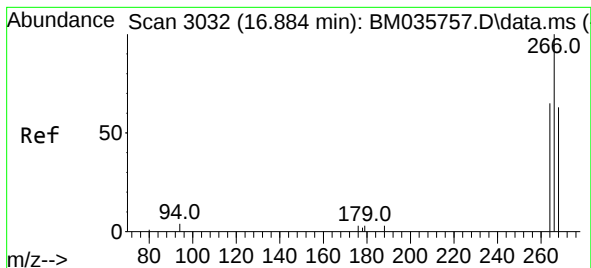
Tgt Ion:153 Resp: 3477
Ion Ratio Lower Upper
153 100
152 30.3 40.2 60.4#
154 25.7 69.7 104.5#



#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.682 min Scan# 2754
Delta R.T. 0.176 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

Tgt Ion:166 Resp: 325
Ion Ratio Lower Upper
166 100
165 159.5 78.9 118.3#
167 268.3 11.3 16.9#





#14

Pentachlorophenol

Concen: 0.425 ng/ul

RT: 17.128 min Scan# 3090

Delta R.T. 0.232 min

Lab File: BM035785.D

Acq: 30 Jun 2022 17:28

Instrument :

BNA_M

ClientSampleId :

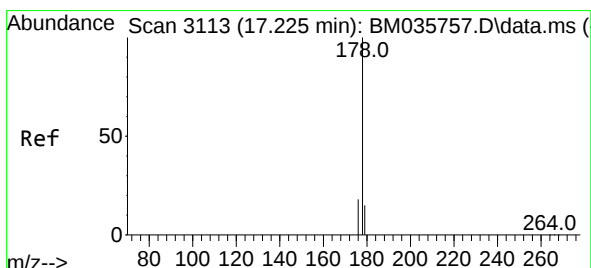
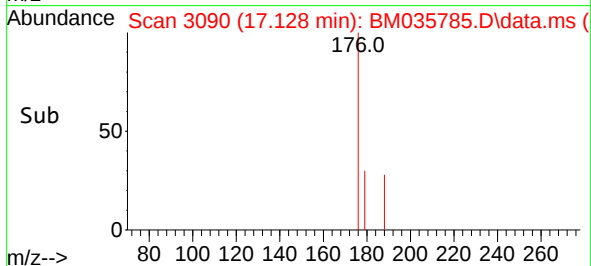
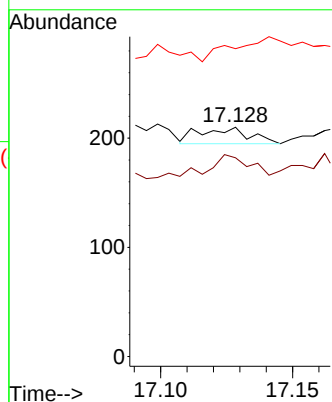
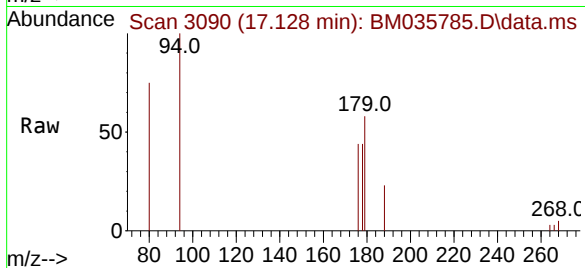
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 121.1 50.3 75.5#

268 268.4 53.5 80.3#



#15

Phenanthrene

Concen: 5.168 ng/ul

RT: 17.580 min Scan# 3197

Delta R.T. 0.342 min

Lab File: BM035785.D

Acq: 30 Jun 2022 17:28

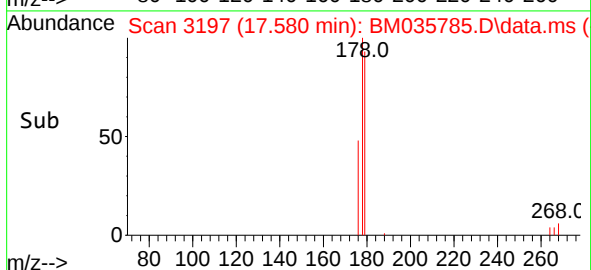
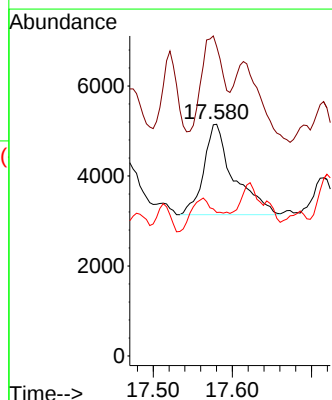
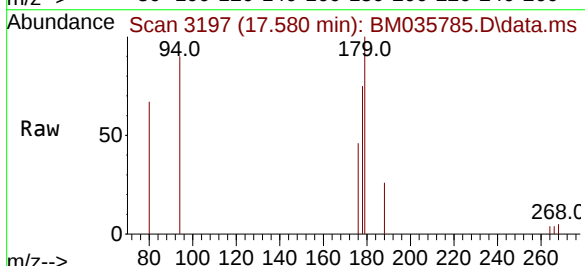
Tgt Ion:178 Resp: 5300

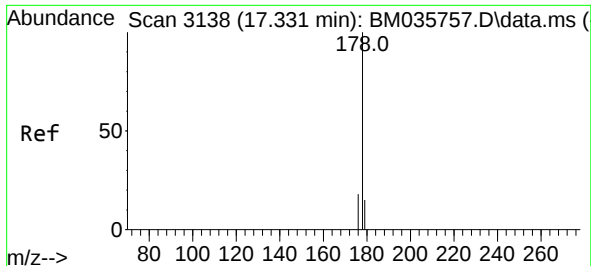
Ion Ratio Lower Upper

178 100

179 133.5 13.0 19.6#

176 61.9 15.6 23.4#

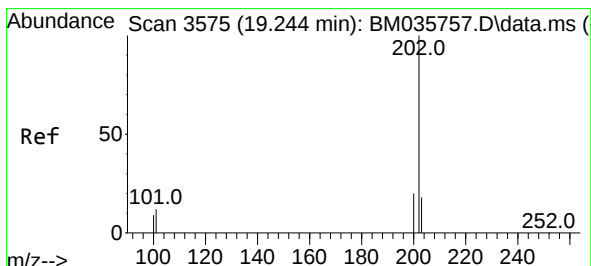
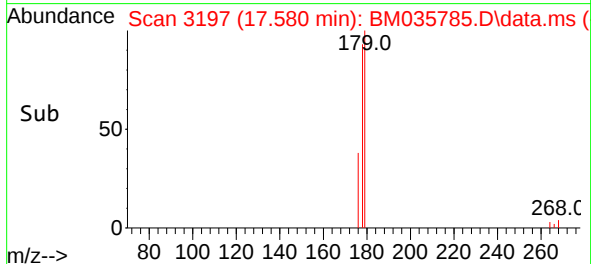
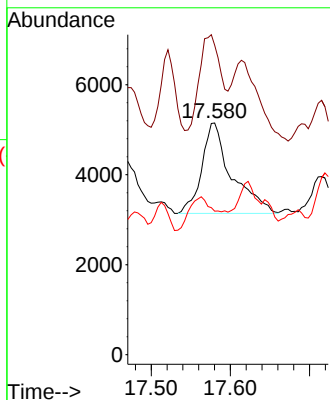
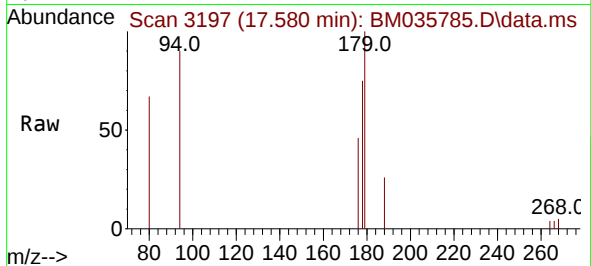




#16
 Anthracene
 Concen: 6.220 ng/ul
 RT: 17.580 min Scan# 3138
 Delta R.T. 0.232 min
 Lab File: BM035785.D
 Acq: 30 Jun 2022 17:28

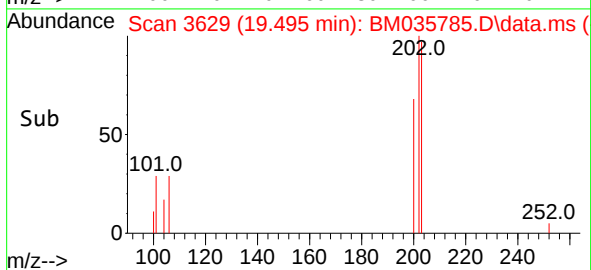
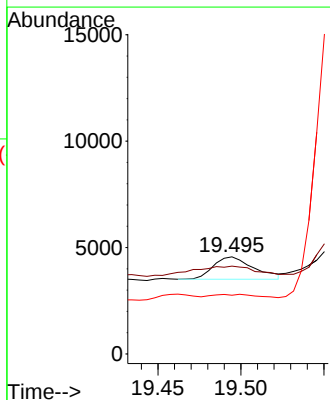
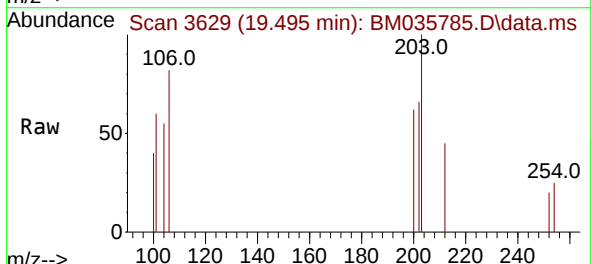
Instrument :
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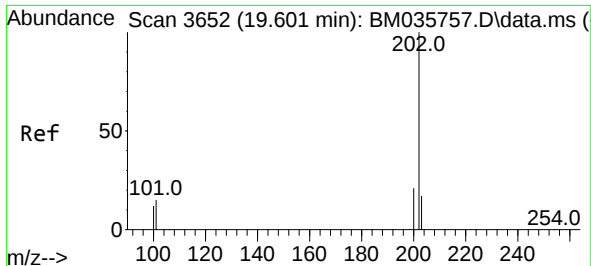
Tgt Ion:178 Resp: 5300
 Ion Ratio Lower Upper
 178 100
 179 133.5 13.6 20.4#
 176 61.9 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.113 ng/ul
 RT: 19.495 min Scan# 3629
 Delta R.T. 0.246 min
 Lab File: BM035785.D
 Acq: 30 Jun 2022 17:28

Tgt Ion:202 Resp: 1781
 Ion Ratio Lower Upper
 202 100
 101 90.5 10.1 15.1#
 100 60.5 7.9 11.9#

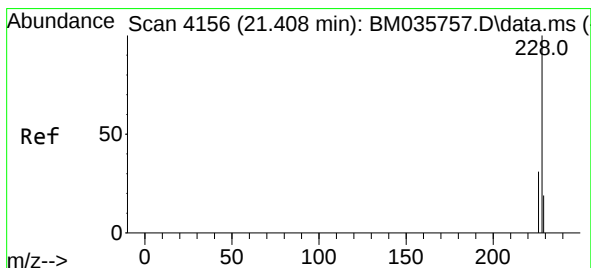
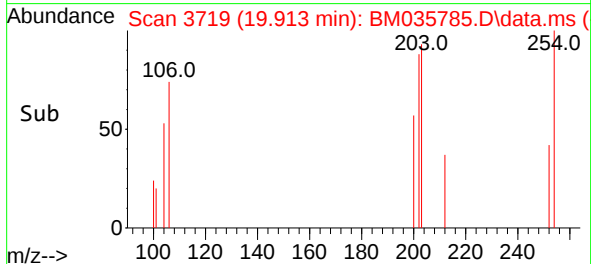
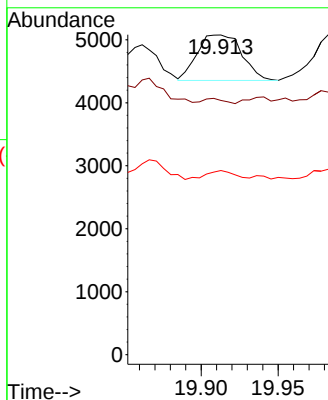
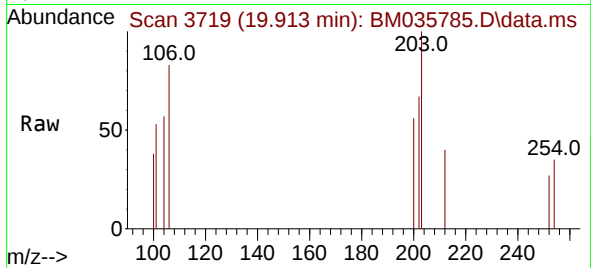




#20
Pyrene
Concen: 0.082 ng/u1
RT: 19.913 min Scan# 31
Delta R.T. 0.302 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

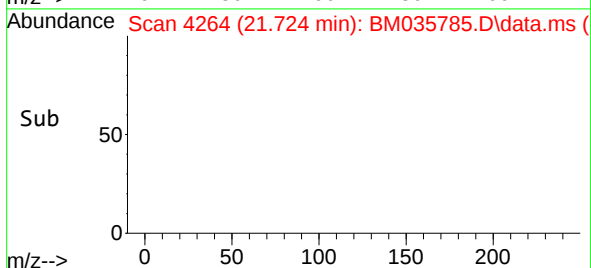
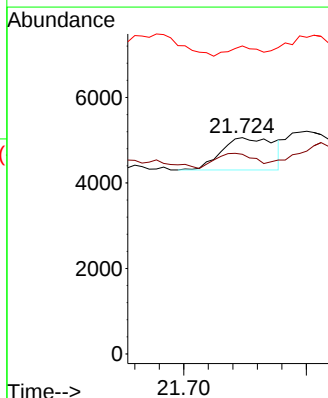
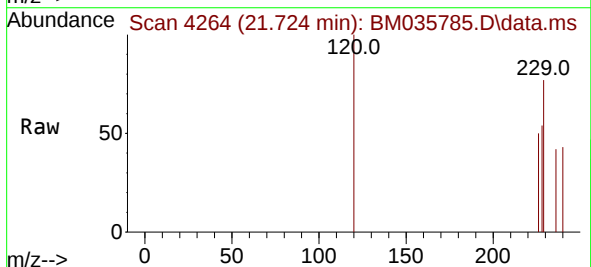
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BNA_M
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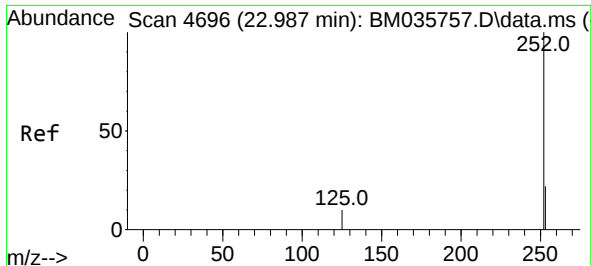
Tgt Ion:202 Resp: 1457
Ion Ratio Lower Upper
202 100
101 79.6 12.0 18.0#
100 57.6 9.8 14.6#



#22
Chrysene
Concen: 0.080 ng/u1
RT: 21.724 min Scan# 4264
Delta R.T. 0.316 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

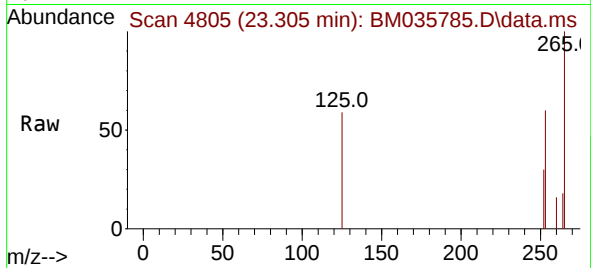
Tgt Ion:228 Resp: 1128
Ion Ratio Lower Upper
228 100
226 92.3 24.6 37.0#
229 142.3 16.4 24.6#



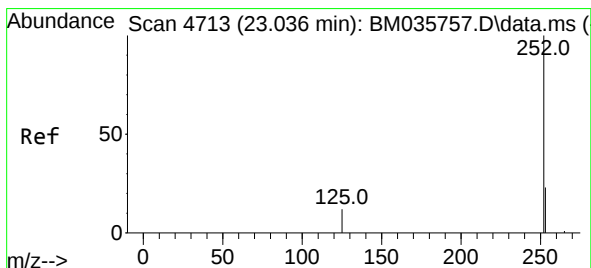
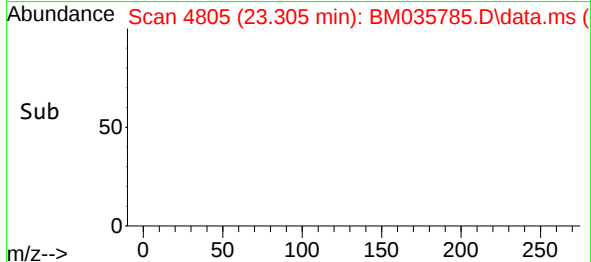
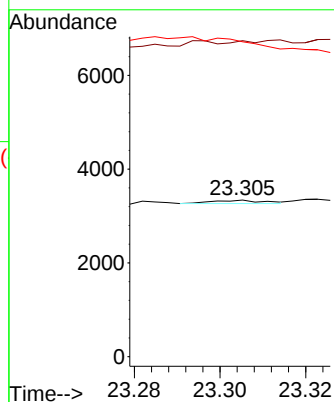


#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul
RT: 23.305 min Scan# 4805
Delta R.T. 0.316 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

Instrument :
BNA_M
ClientSampleId :

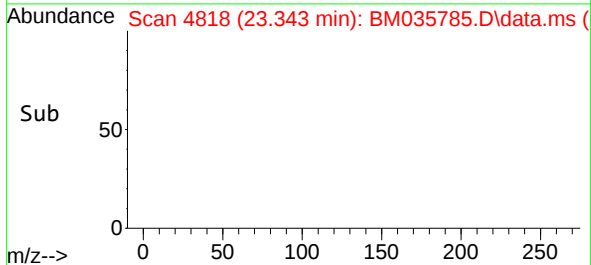
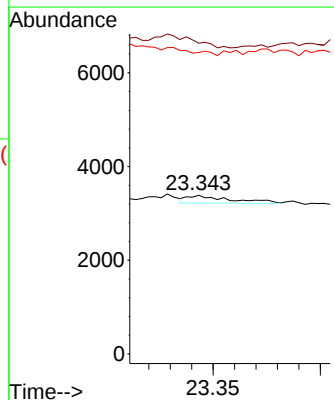
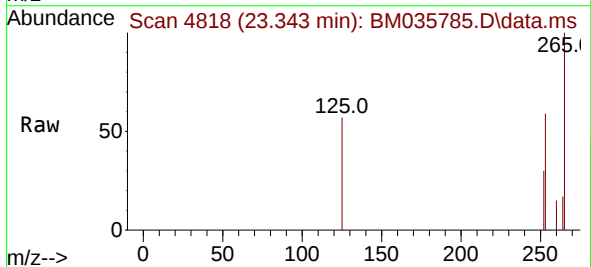


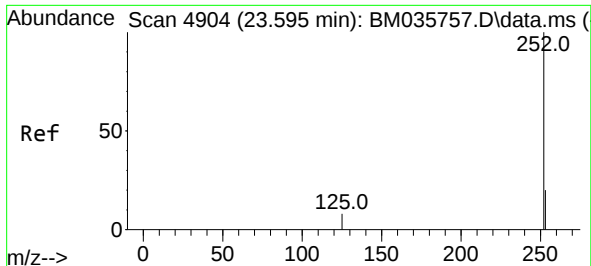
Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 201.9 0.0 61.4#
125 201.1 0.0 42.6#



#25
Benzo(k)fluoranthene
Concen: 0.657 ng/ul
RT: 23.343 min Scan# 4818
Delta R.T. 0.304 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

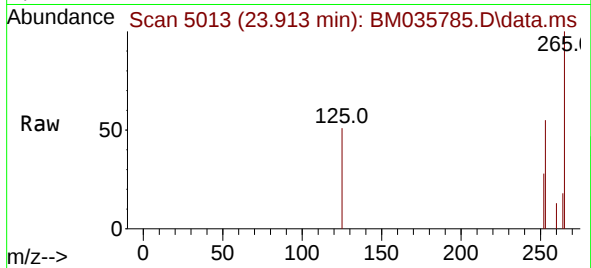
Tgt Ion:252 Resp: 233
Ion Ratio Lower Upper
252 100
253 195.7 25.2 37.8#
125 189.8 18.3 27.5#



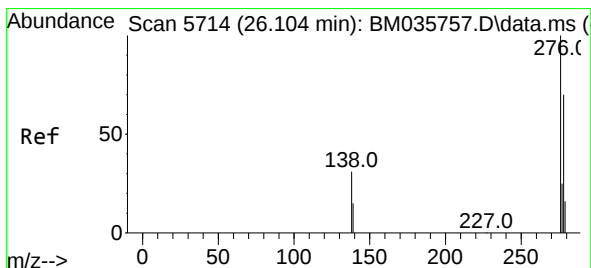
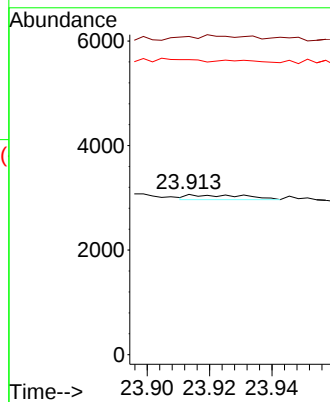
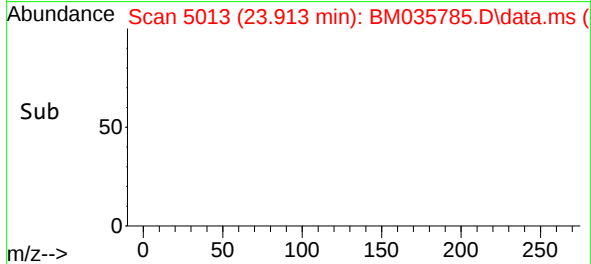


#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.913 min Scan# 5013
Delta R.T. 0.313 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

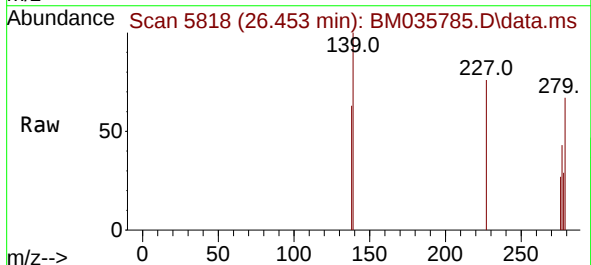
Instrument :
BNA_M
ClientSampleId :



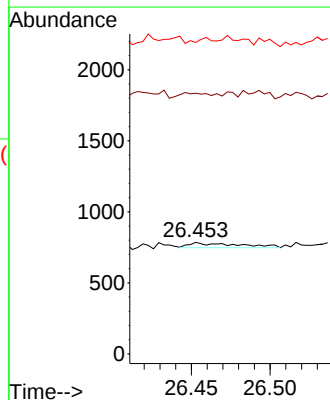
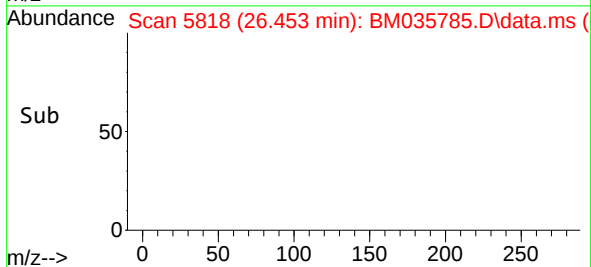
Tgt Ion:252 Resp: 113
Ion Ratio Lower Upper
252 100
253 198.5 29.7 44.5#
125 184.1 23.6 35.4#

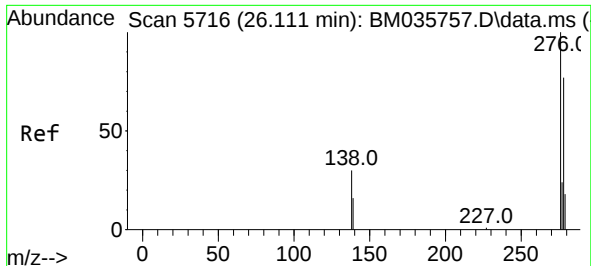


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/ul
RT: 26.453 min Scan# 5818
Delta R.T. 0.346 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28



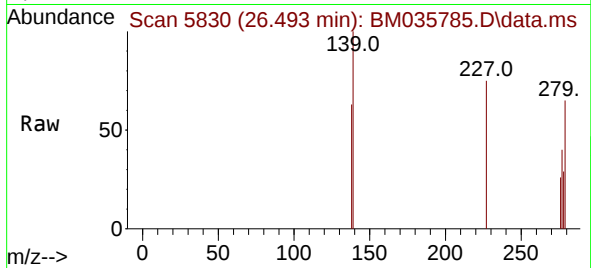
Tgt Ion:276 Resp: 79
Ion Ratio Lower Upper
276 100
138 0.0 23.9 35.9#
227 20.3 0.1 0.1#



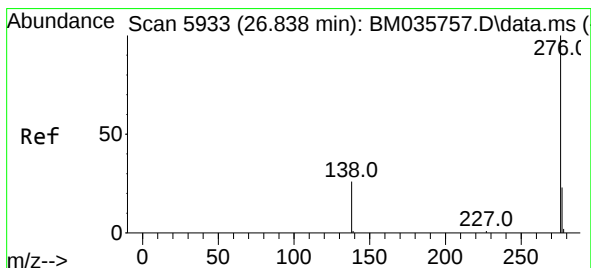
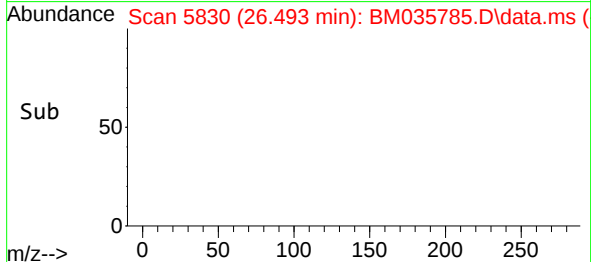
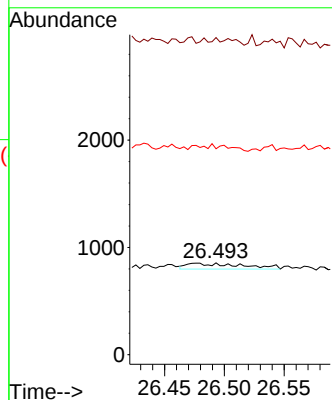


#28
Dibenzo(a,h)anthracene
Concen: 0.572 ng/ul
RT: 26.493 min Scan# 51
Delta R.T. 0.369 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 175
Ion Ratio Lower Upper
278 100
139 344.9 19.8 29.6#
279 224.0 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 27.221 min Scan# 6047
Delta R.T. 0.376 min
Lab File: BM035785.D
Acq: 30 Jun 2022 17:28

Tgt Ion:276 Resp: 12
Ion Ratio Lower Upper
276 100
138 238.8 23.4 35.0#
277 156.1 21.0 31.4#

