

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
 Data File : BM035779.D
 Acq On : 30 Jun 2022 13:41
 Operator : CG/JU
 Sample : N3374-09RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 01 01:16:44 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)

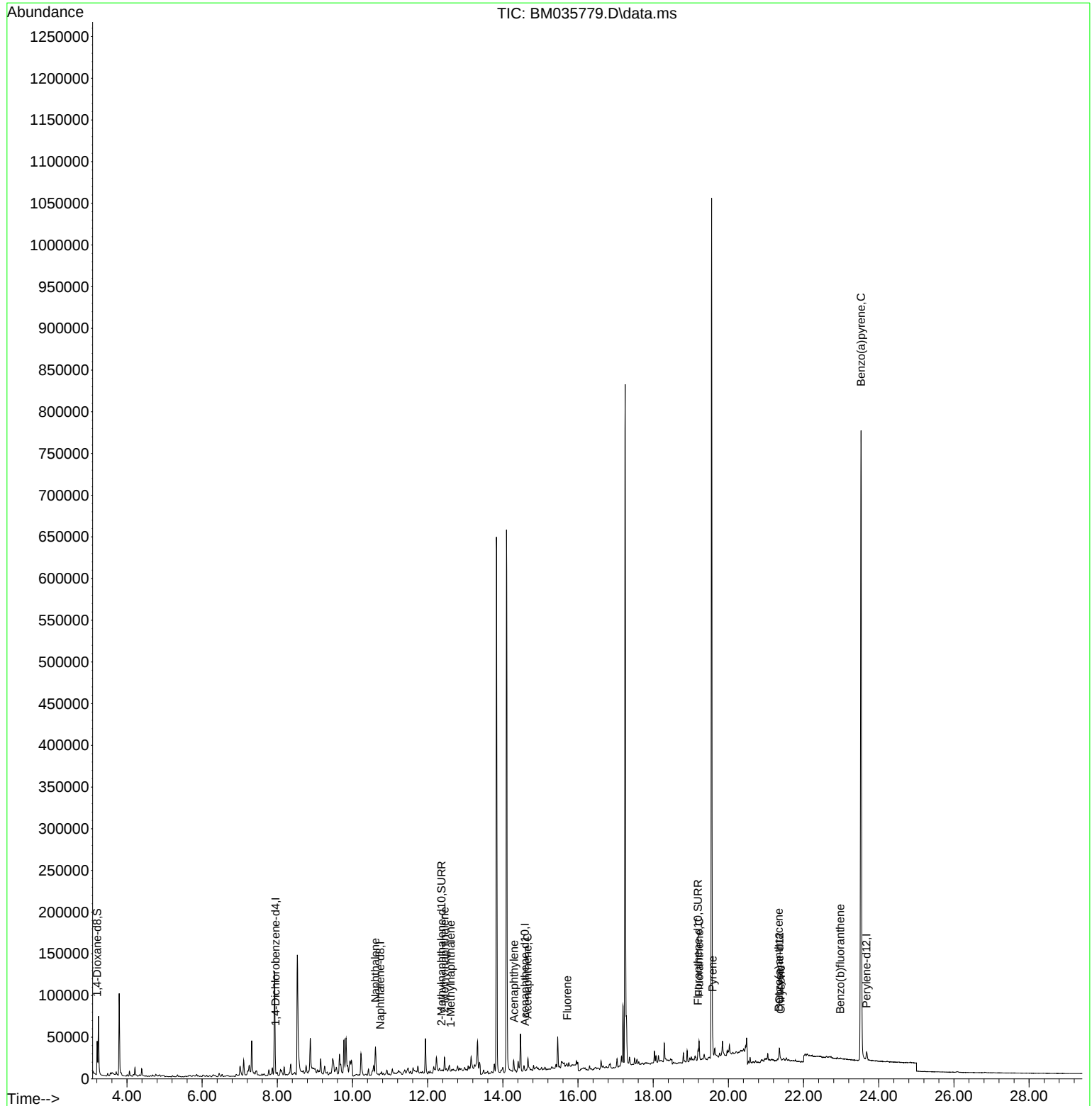
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	86	0.400	ng/ul	# 0.09
4) Naphthalene-d8	10.737	136	1394	0.400	ng/ul	# 0.12
9) Acenaphthene-d10	14.589	164	1259	0.400	ng/ul	# 0.16
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.20
17) Chrysene-d12	21.360	240	16125	0.400	ng/ul	#-0.01
23) Perylene-d12	23.677	264	14305	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	24253	207.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	662	0.303	ng/ul	0.14
18) Fluoranthene-d10	19.191	212	12279	0.226	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.611	128	38620	9.063	ng/ul	99
7) 2-Methylnaphthalene	12.448	142	12488	4.678	ng/ul#	79
8) 1-Methylnaphthalene	12.613	142	92	0.036	ng/ul#	3
10) Acenaphthylene	14.302	152	3093	0.468	ng/ul#	20
11) Acenaphthene	14.658	153	798	0.157	ng/ul#	58
12) Fluorene	15.713	166	947	0.162	ng/ul#	43
19) Fluoranthene	19.219	202	19321	0.239	ng/ul#	70
20) Pyrene	19.582	202	14196	0.157	ng/ul#	64
21) Benzo(a)anthracene	21.342	228	2230	0.040	ng/ul#	1
22) Chrysene	21.392	228	2406	0.034	ng/ul#	1
24) Benzo(b)fluoranthene	22.979	252	1364	0.022	ng/ul#	1
26) Benzo(a)pyrene	23.528	252	4971	0.079	ng/ul#	1

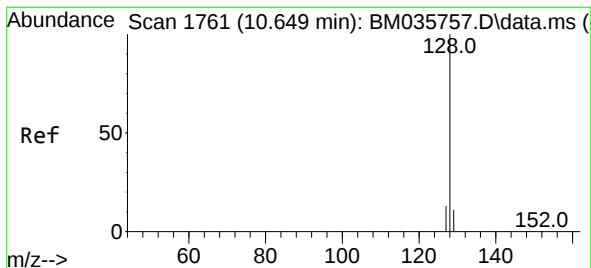
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 9.063 ng/ul

RT: 10.611 min Scan# 1

Delta R.T. -0.060 min

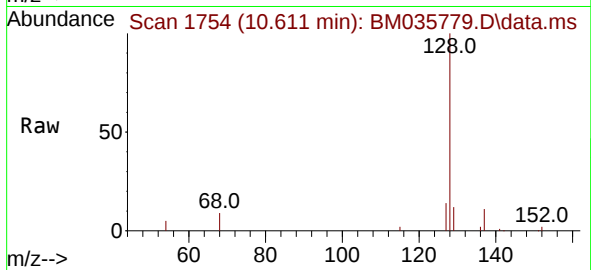
Lab File: BM035779.D

Acq: 30 Jun 2022 13:41

Instrument :

BNA_M

ClientSampleId :



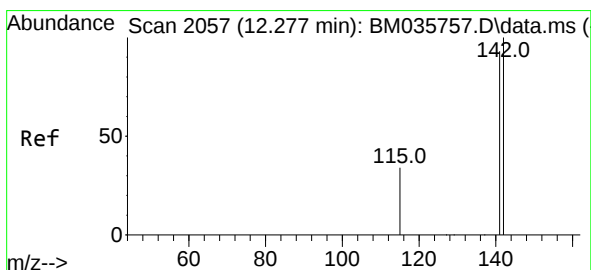
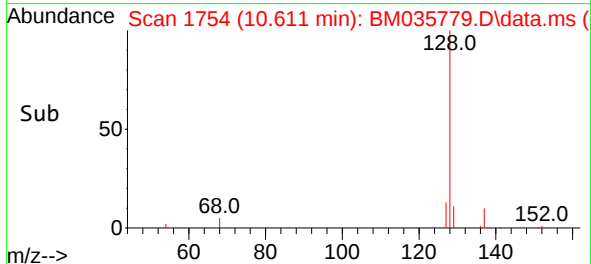
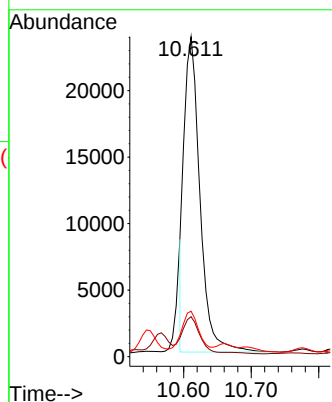
Tgt Ion:128 Resp: 38620

Ion Ratio Lower Upper

128 100

129 12.5 10.2 15.2

127 14.2 11.7 17.5



#7

2-Methylnaphthalene

Concen: 4.678 ng/ul

RT: 12.448 min Scan# 2088

Delta R.T. 0.149 min

Lab File: BM035779.D

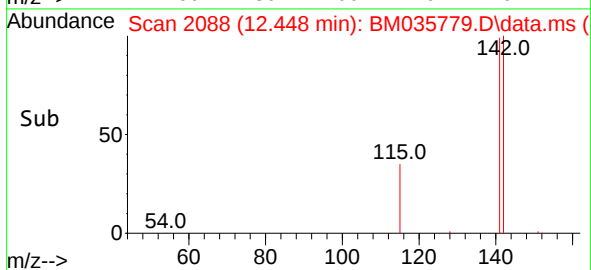
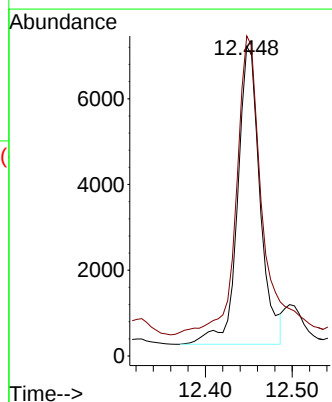
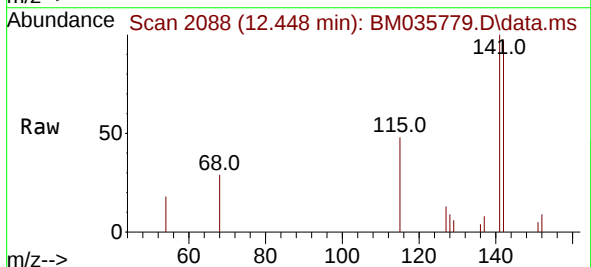
Acq: 30 Jun 2022 13:41

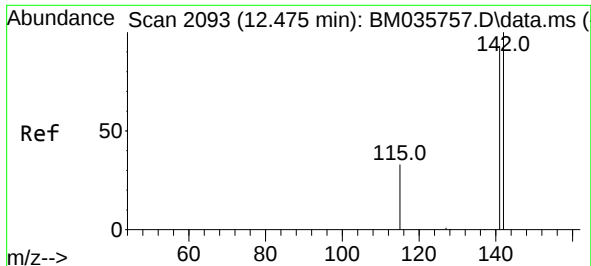
Tgt Ion:142 Resp: 12488

Ion Ratio Lower Upper

142 100

141 117.0 77.4 116.0#

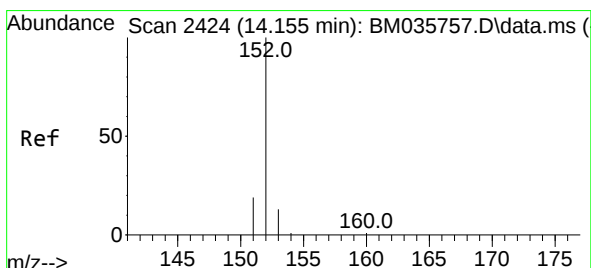
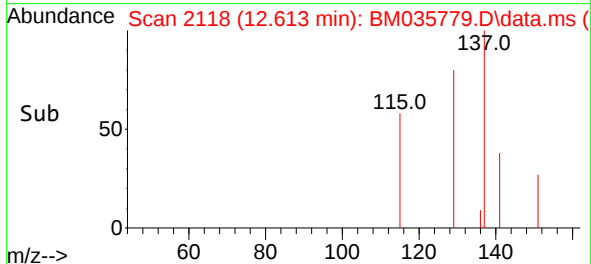
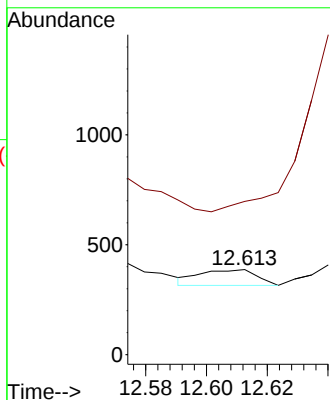
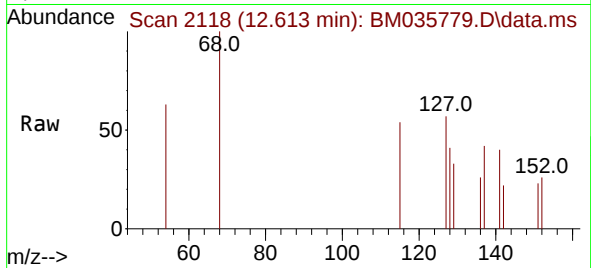




#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. 0.121 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

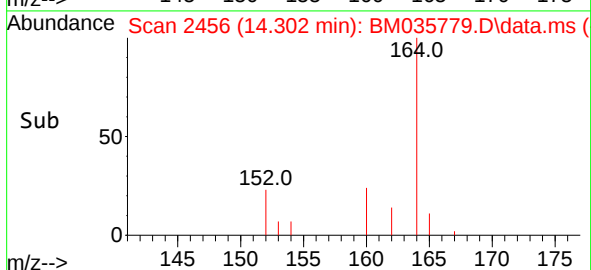
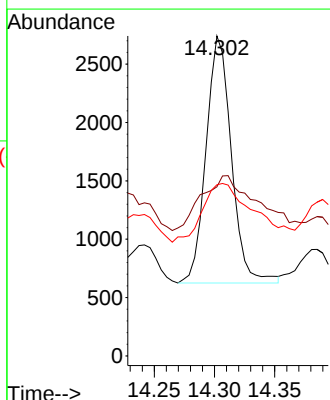
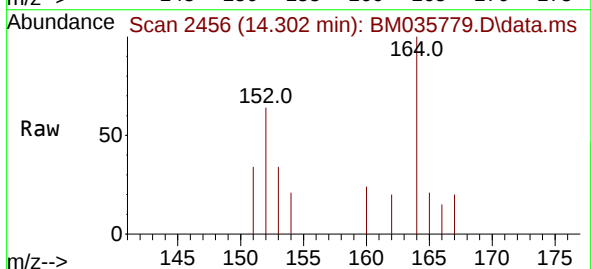
Instrument :
BNA_M
ClientSampleId :

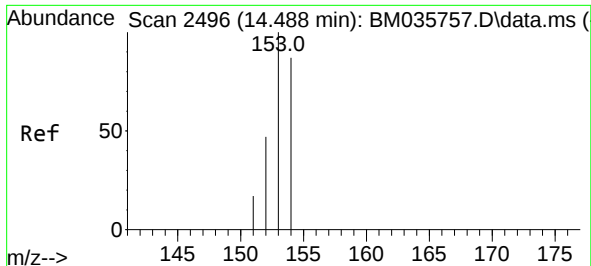
Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
141 0.0 74.1 111.1#



#10
Acenaphthylene
Concen: 0.468 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.138 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

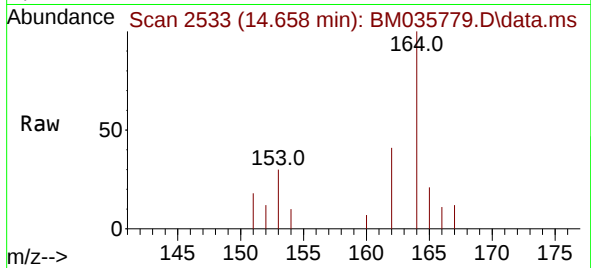
Tgt Ion:152 Resp: 3093
Ion Ratio Lower Upper
152 100
151 52.9 16.6 24.8#
153 53.5 11.4 17.0#



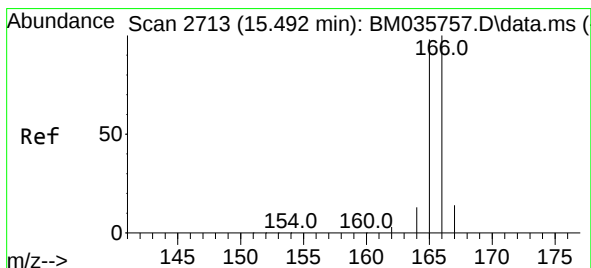
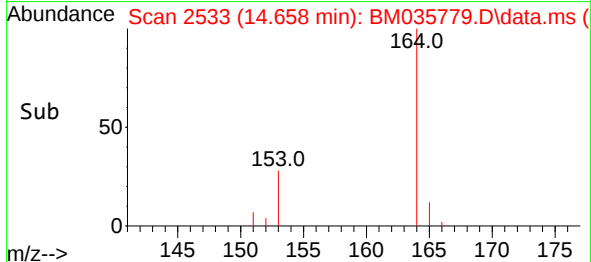
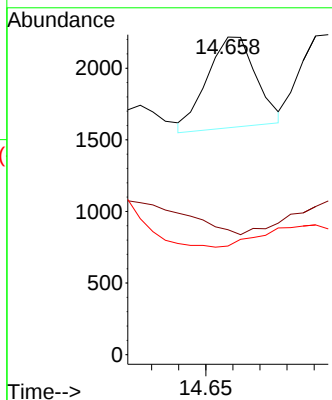


#11
Acenaphthene
Concen: 0.157 ng/ul
RT: 14.658 min Scan# 2533
Delta R.T. 0.161 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Instrument :
BNA_M
ClientSampleId :

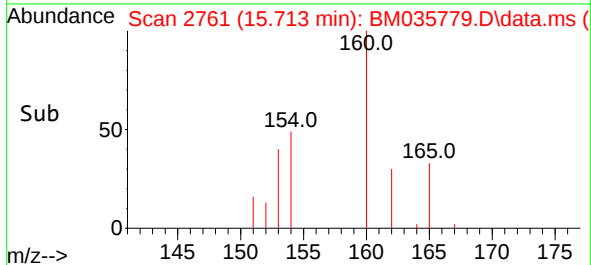
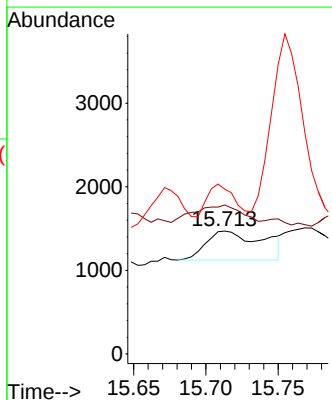
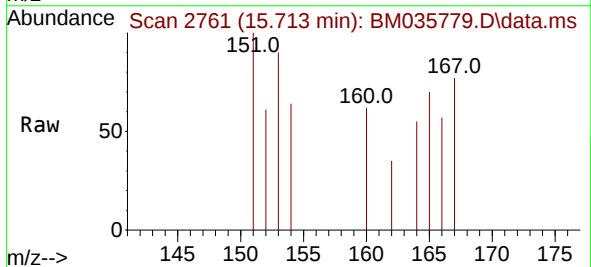


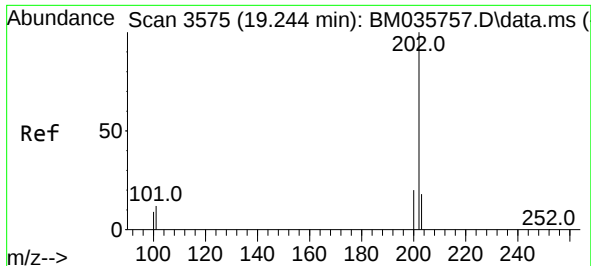
Tgt Ion:153 Resp: 798
Ion Ratio Lower Upper
153 100
152 39.3 40.2 60.4#
154 34.2 69.7 104.5#



#12
Fluorene
Concen: 0.162 ng/ul
RT: 15.713 min Scan# 2761
Delta R.T. 0.207 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

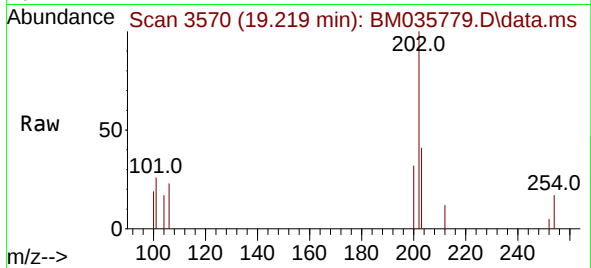
Tgt Ion:166 Resp: 947
Ion Ratio Lower Upper
166 100
165 121.2 78.9 118.3#
167 134.1 11.3 16.9#



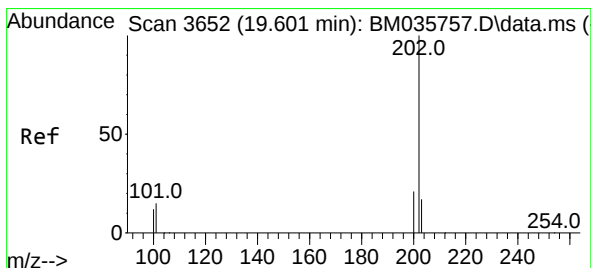
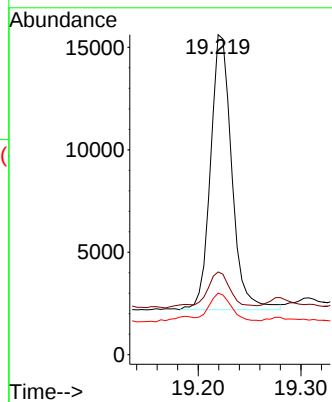
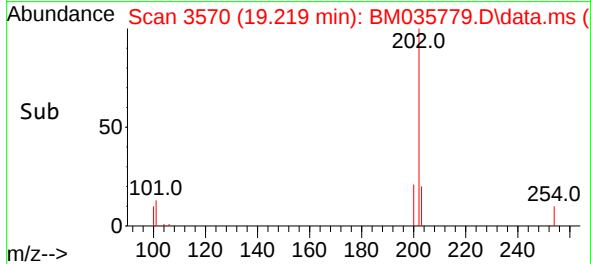


#19
Fluoranthene
Concen: 0.239 ng/ul
RT: 19.219 min Scan# 3570
Delta R.T. -0.029 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

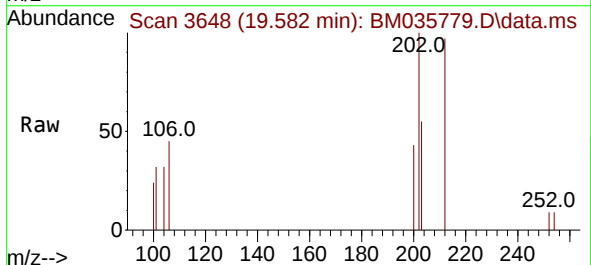
Instrument :
BNA_M
ClientSampleId :



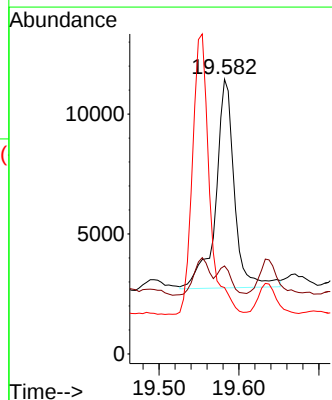
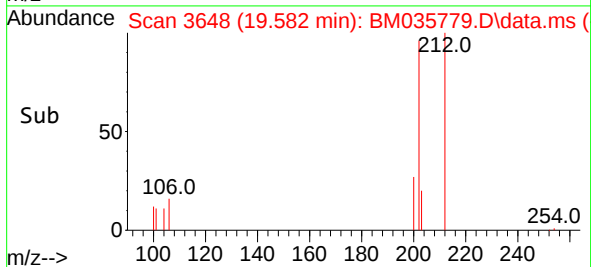
Tgt Ion:202 Resp: 19321
Ion Ratio Lower Upper
202 100
101 25.8 10.1 15.1#
100 19.3 7.9 11.9#

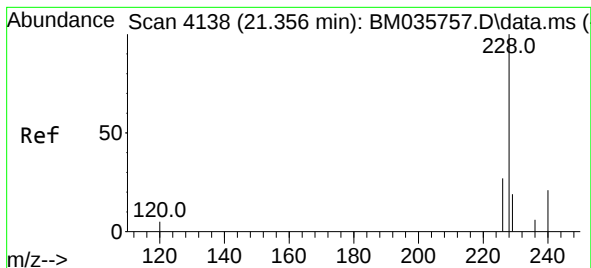


#20
Pyrene
Concen: 0.157 ng/ul
RT: 19.582 min Scan# 3648
Delta R.T. -0.029 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41



Tgt Ion:202 Resp: 14196
Ion Ratio Lower Upper
202 100
101 32.1 12.0 18.0#
100 24.2 9.8 14.6#





#21

Benzo(a)anthracene

Concen: 0.040 ng/ul

RT: 21.342 min Scan# 41

Delta R.T. -0.020 min

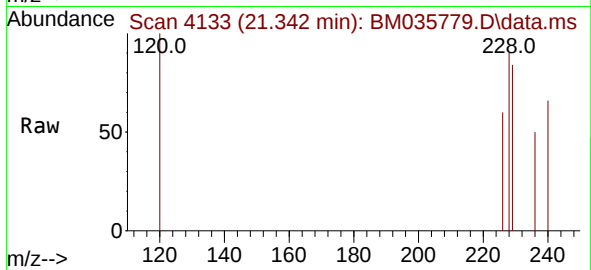
Lab File: BM035779.D

Acq: 30 Jun 2022 13:41

Instrument :

BNA_M

ClientSampleId :



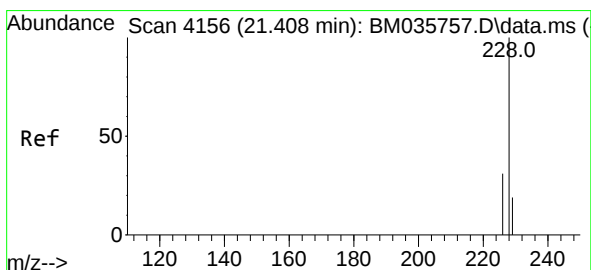
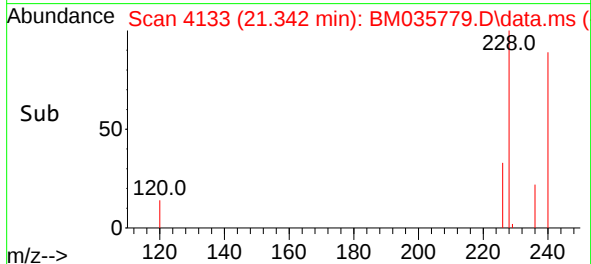
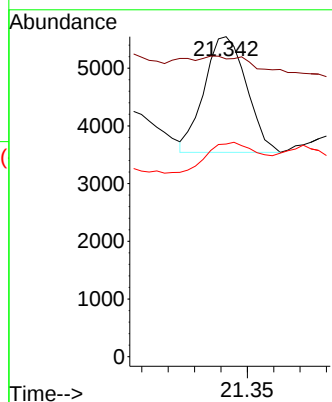
Tgt Ion:228 Resp: 2230

Ion Ratio Lower Upper

228 100

229 93.0 16.2 24.2#

226 66.4 22.5 33.7#



#22

Chrysene

Concen: 0.034 ng/ul

RT: 21.392 min Scan# 4150

Delta R.T. -0.017 min

Lab File: BM035779.D

Acq: 30 Jun 2022 13:41

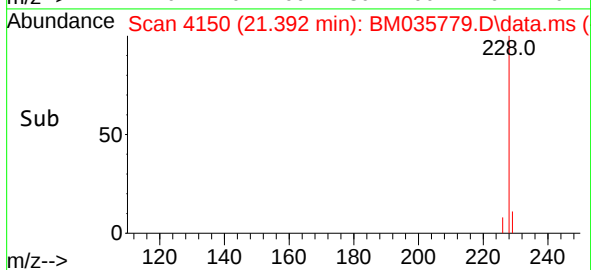
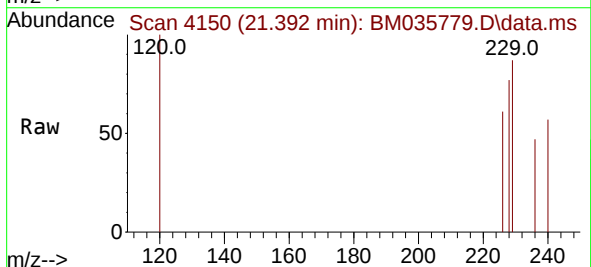
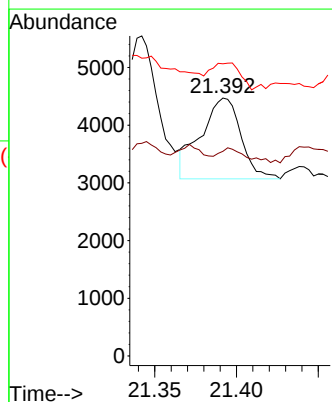
Tgt Ion:228 Resp: 2406

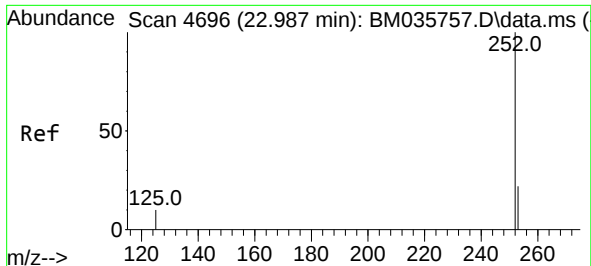
Ion Ratio Lower Upper

228 100

226 79.4 24.6 37.0#

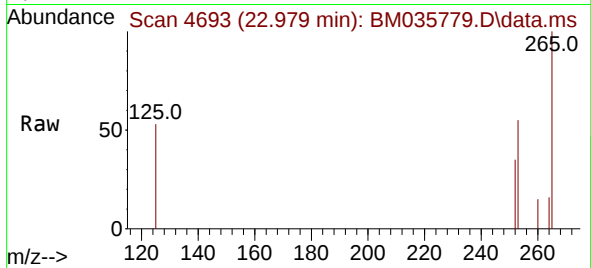
229 113.2 16.4 24.6#



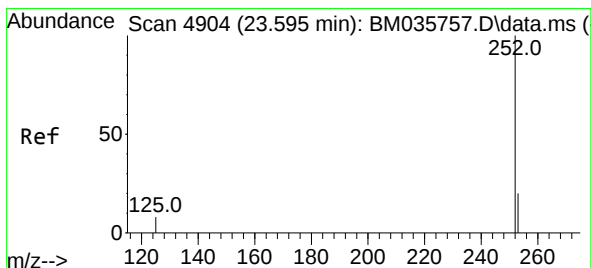
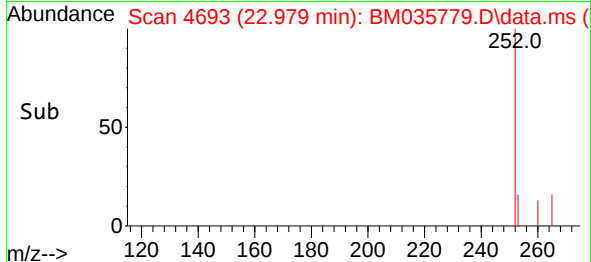
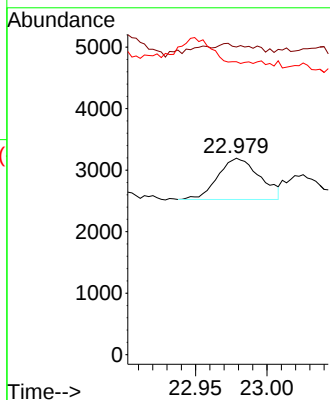


#24
Benzo(b)fluoranthene
Concen: 0.022 ng/ul
RT: 22.979 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

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ClientSampleId :



Tgt Ion:252 Resp: 1364
Ion Ratio Lower Upper
252 100
253 156.7 0.0 61.4#
125 149.2 0.0 42.6#



#26
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 23.528 min Scan# 4881
Delta R.T. -0.072 min
Lab File: BM035779.D
Acq: 30 Jun 2022 13:41

Tgt Ion:252 Resp: 4971
Ion Ratio Lower Upper
252 100
253 118.0 29.7 44.5#
125 104.7 23.6 35.4#

