

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035548.D
 Acq On : 20 Jun 2022 23:56
 Operator : CG/JU
 Sample : N3226-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N6

Quant Time: Jun 21 01:29:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

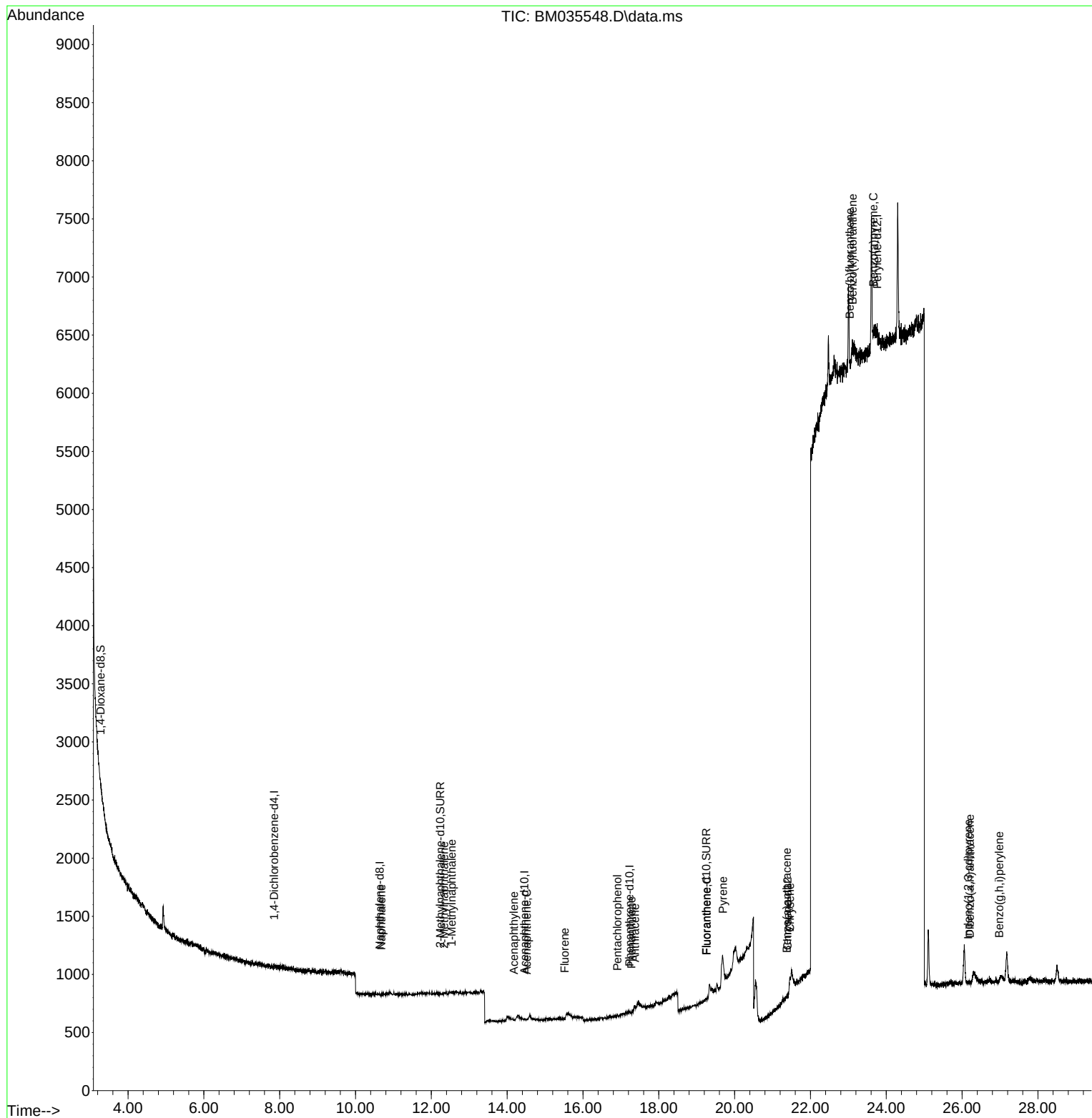
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	6	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.638	136	3	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.456	164	5	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.225	188	5	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.397	240	5	0.400	ng/ul	#-0.01
23) Perylene-d12	23.758	264	6	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	43	5.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	6	1.346	ng/ul	-0.01
18) Fluoranthene-d10	19.253	212	2	0.119	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.682	128	14	1.378	ng/ul#	1
7) 2-Methylnaphthalene	12.338	142	4	0.689	ng/ul#	1
8) 1-Methylnaphthalene	12.536	142	4	0.750	ng/ul	81
10) Acenaphthylene	14.178	152	2	0.071	ng/ul#	1
11) Acenaphthene	14.520	153	3	0.144	ng/ul#	74
12) Fluorene	15.520	166	6	0.254	ng/ul#	46
14) Pentachlorophenol	16.909	266	5	5.214	ng/ul#	24
15) Phenanthrene	17.280	178	8	0.436	ng/ul#	1
16) Anthracene	17.369	178	130	8.102	ng/ul#	1
19) Fluoranthene	19.267	202	8	0.313	ng/ul#	1
20) Pyrene	19.690	202	330	12.315	ng/ul#	3
21) Benzo(a)anthracene	21.376	228	4	0.212	ng/ul#	1
22) Chrysene	21.458	228	169	7.513	ng/ul#	10
24) Benzo(b)fluoranthene	23.042	252	13	0.495	ng/ul#	1
25) Benzo(k)fluoranthene	23.109	252	240	8.805	ng/ul#	1
26) Benzo(a)pyrene	23.659	252	16	0.587	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.164	276	5	0.159	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.208	278	4	0.156	ng/ul#	1
29) Benzo(g,h,i)perylene	26.979	276	12	0.427	ng/ul#	1

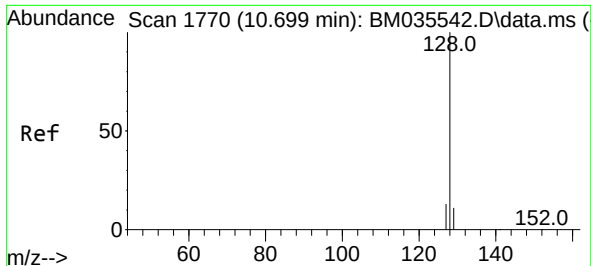
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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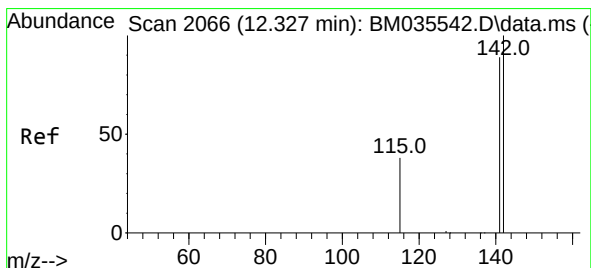
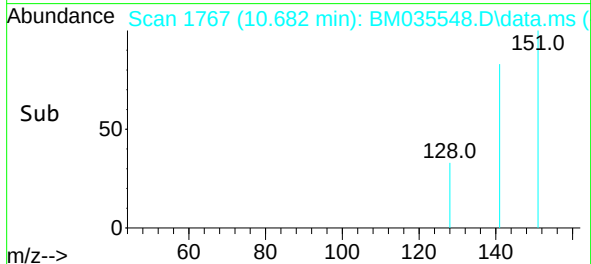
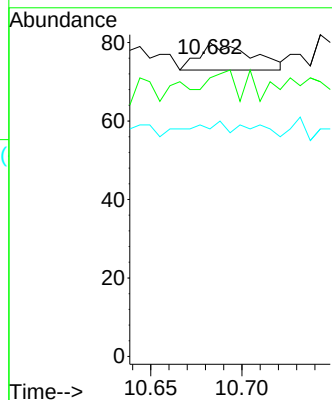
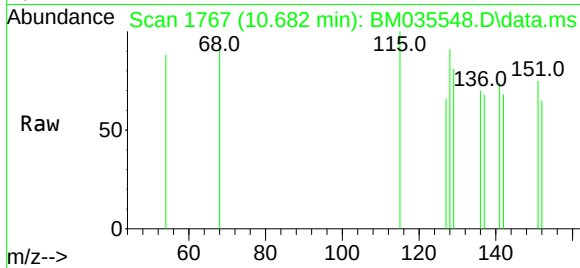




#5
Naphthalene
Concen: 1.378 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

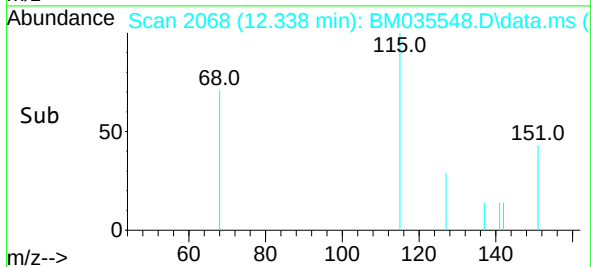
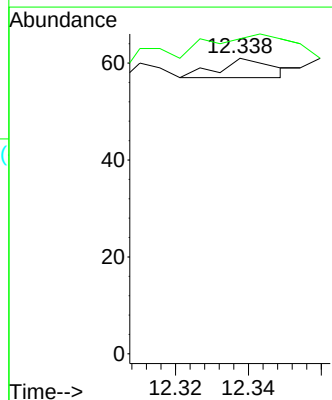
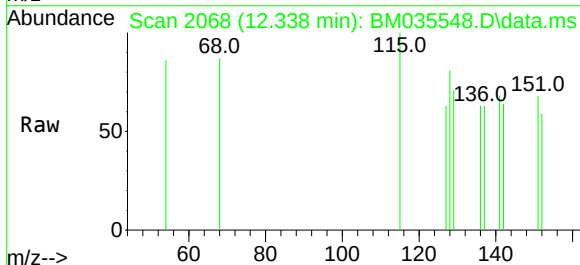
Instrument :
BNA_M
ClientSampleId :
EW4N6

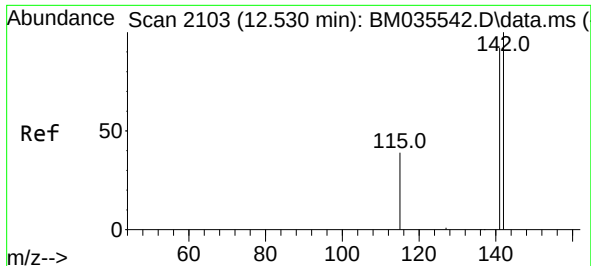
Tgt Ion:128 Resp: 14
Ion Ratio Lower Upper
128 100
129 88.8 10.1 15.1#
127 72.5 11.4 17.2#



#7
2-Methylnaphthalene
Concen: 0.689 ng/ul
RT: 12.338 min Scan# 2068
Delta R.T. 0.016 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 325.0 73.8 110.8#

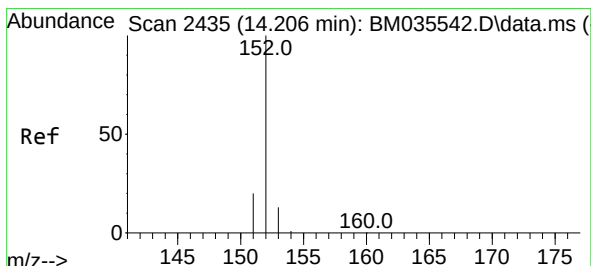
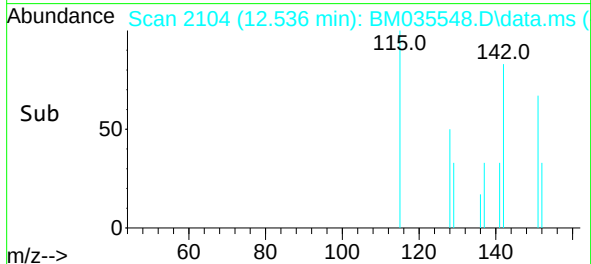
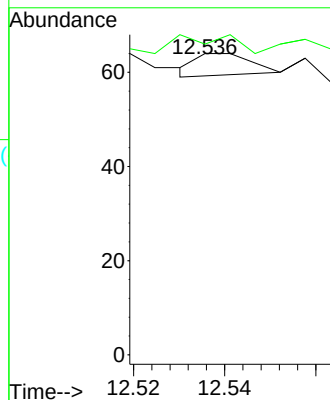
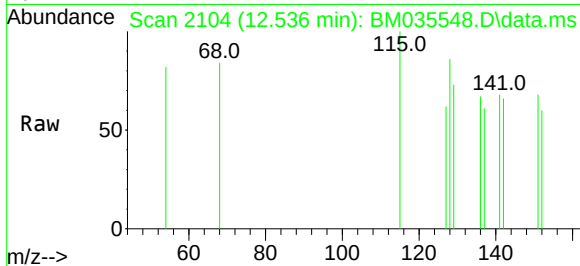




#8
1-Methylnaphthalene
Concen: 0.750 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. 0.011 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

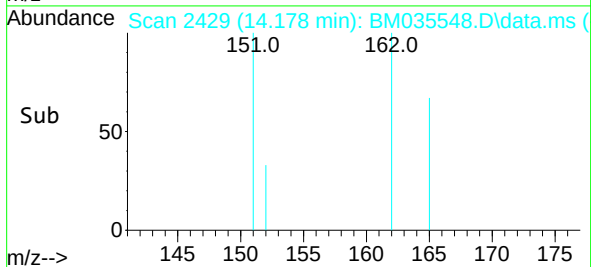
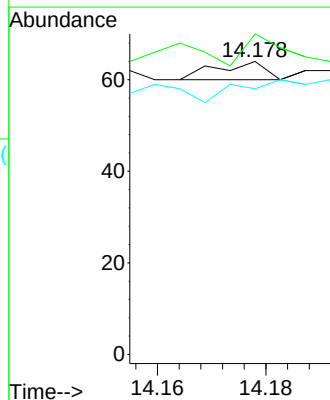
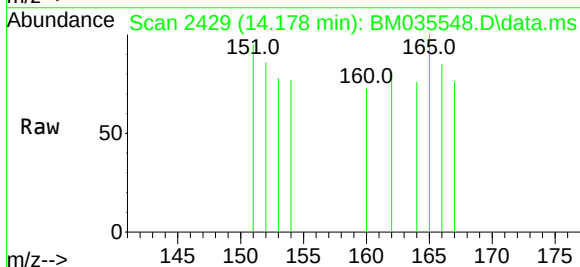
Instrument :
BNA_M
ClientSampleId :
EW4N6

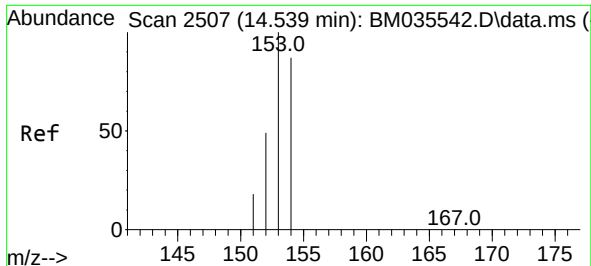
Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 75.0 74.6 111.8



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.178 min Scan# 2429
Delta R.T. -0.023 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

Tgt Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
151 109.4 16.8 25.2#
153 90.6 11.1 16.7#

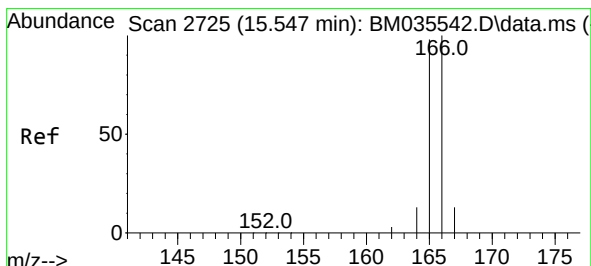
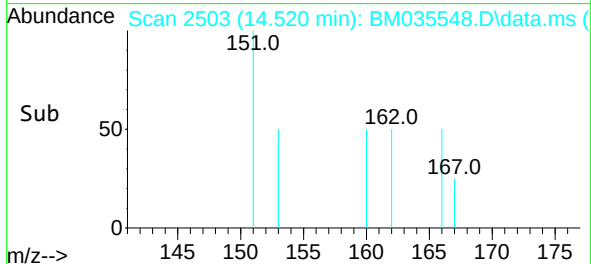
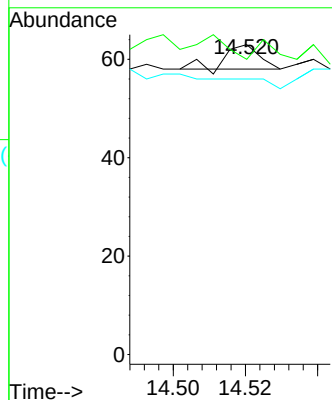
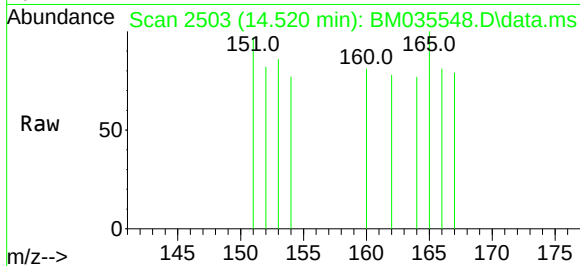




#11
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.520 min Scan# 2119
Delta R.T. -0.014 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

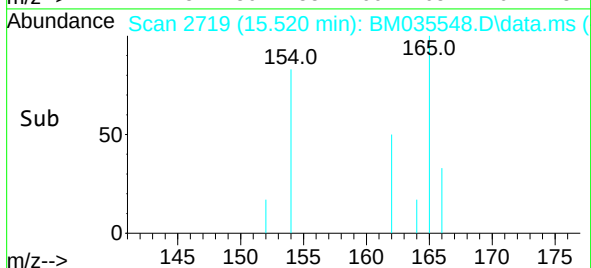
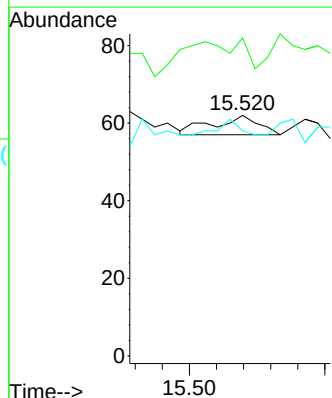
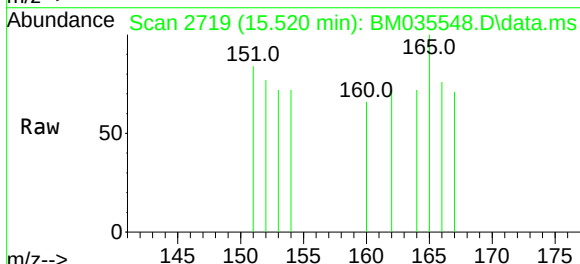
Instrument :
BNA_M
ClientSampleId :
EW4N6

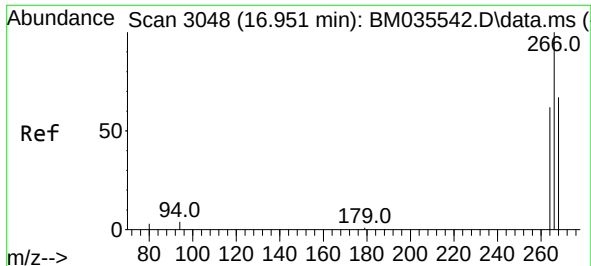
Tgt Ion:153 Resp: 3
Ion Ratio Lower Upper
153 100
152 95.2 40.0 60.0#
154 88.9 69.1 103.7



#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.019 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

Tgt Ion:166 Resp: 6
Ion Ratio Lower Upper
166 100
165 132.3 78.7 118.1#
167 93.5 11.6 17.4#

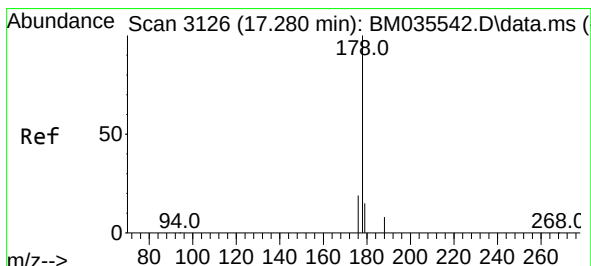
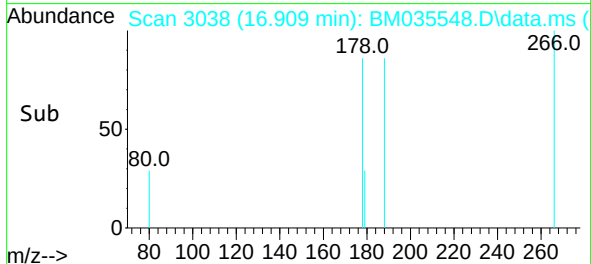
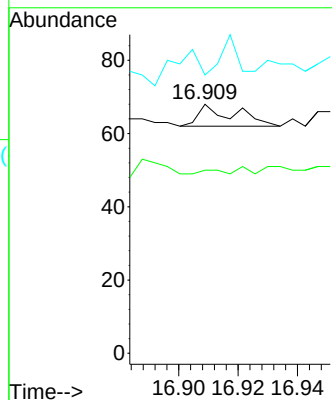
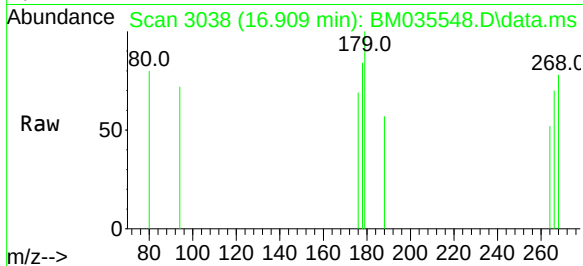




#14
 Pentachlorophenol
 Concen: 5.214 ng/ul
 RT: 16.909 min Scan# 3048
 Delta R.T. -0.021 min
 Lab File: BM035548.D
 Acq: 20 Jun 2022 23:56

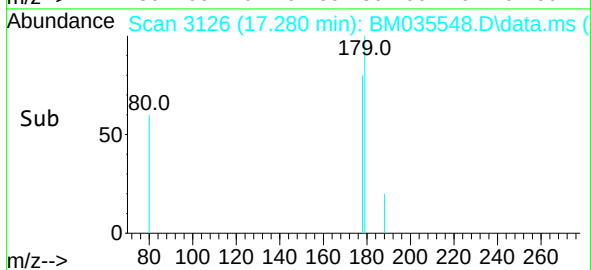
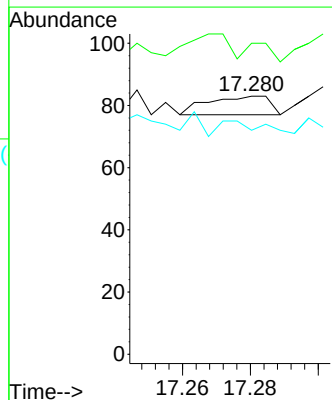
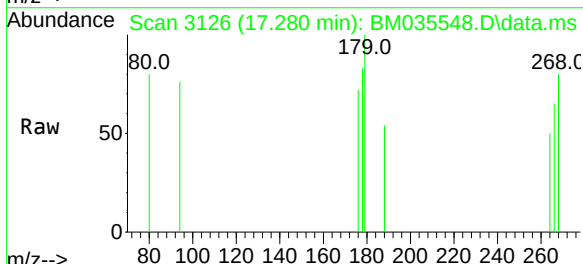
Instrument :
 BNA_M
 ClientSampleId :
 EW4N6

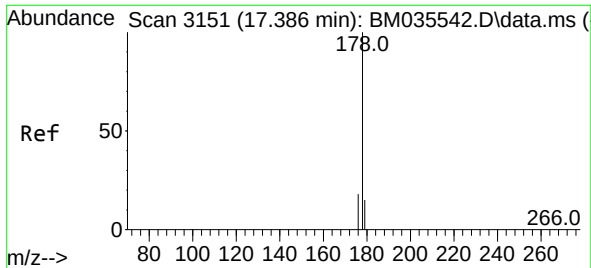
Tgt Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 20.0 51.0 76.4#
 268 140.0 51.7 77.5#



#15
 Phenanthrene
 Concen: 0.436 ng/ul
 RT: 17.280 min Scan# 3126
 Delta R.T. 0.008 min
 Lab File: BM035548.D
 Acq: 20 Jun 2022 23:56

Tgt Ion:178 Resp: 8
 Ion Ratio Lower Upper
 178 100
 179 120.5 13.2 19.8#
 176 86.7 16.2 24.4#

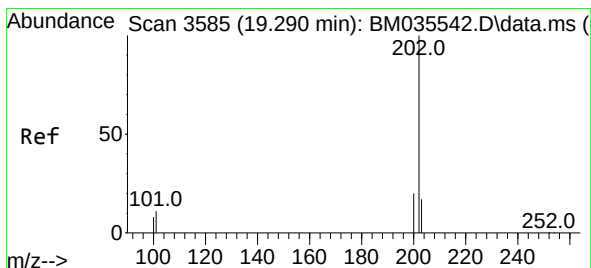
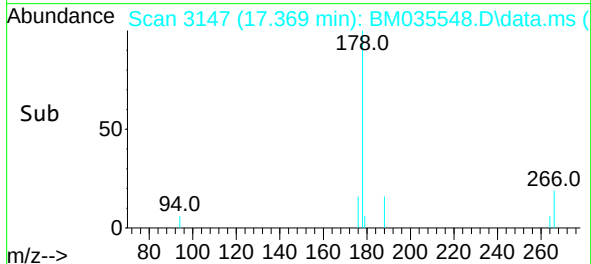
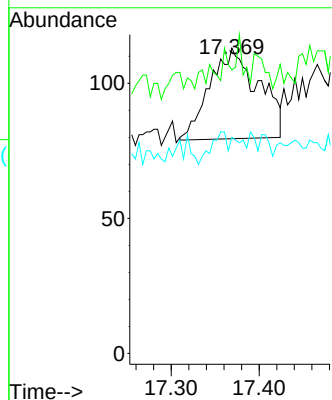
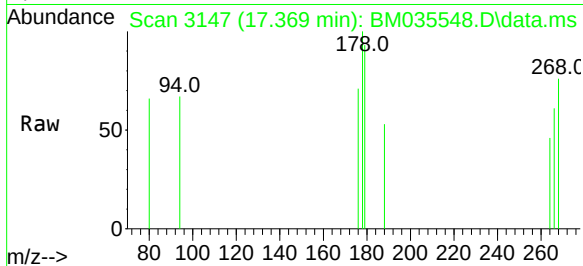




#16
 Anthracene
 Concen: 8.102 ng/ul
 RT: 17.369 min Scan# 3151
 Delta R.T. -0.004 min
 Lab File: BM035548.D
 Acq: 20 Jun 2022 23:56

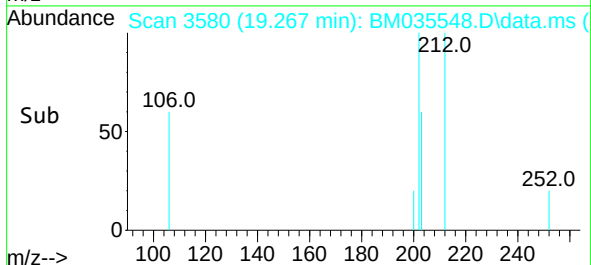
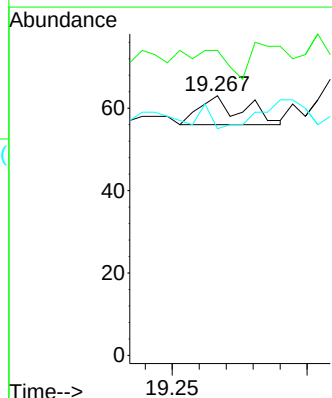
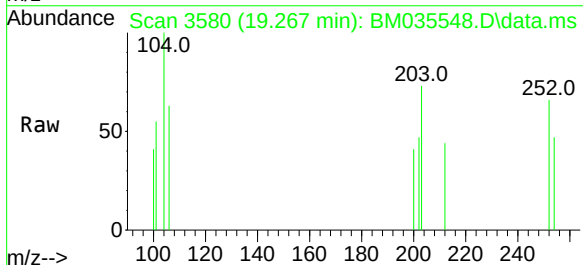
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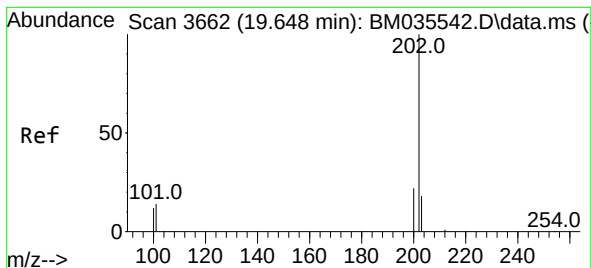
Tgt Ion:178 Resp: 130
 Ion Ratio Lower Upper
 178 100
 179 92.9 13.4 20.0#
 176 70.8 15.9 23.9#



#19
 Fluoranthene
 Concen: 0.313 ng/ul
 RT: 19.267 min Scan# 3580
 Delta R.T. -0.019 min
 Lab File: BM035548.D
 Acq: 20 Jun 2022 23:56

Tgt Ion:202 Resp: 8
 Ion Ratio Lower Upper
 202 100
 101 117.5 10.0 15.0#
 100 87.3 7.5 11.3#





#20

Pyrene

Concen: 12.315 ng/ul

RT: 19.690 min Scan# 3

Delta R.T. 0.042 min

Lab File: BM035548.D

Acq: 20 Jun 2022 23:56

Instrument :

BNA_M

ClientSampleId :

EW4N6

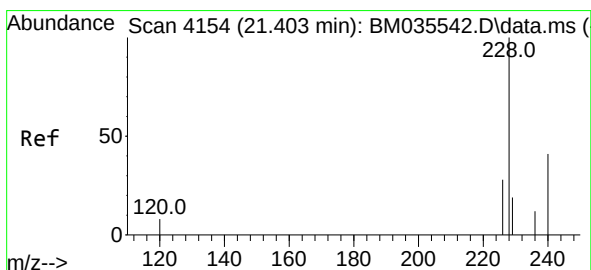
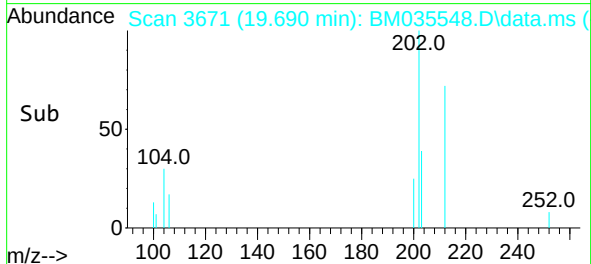
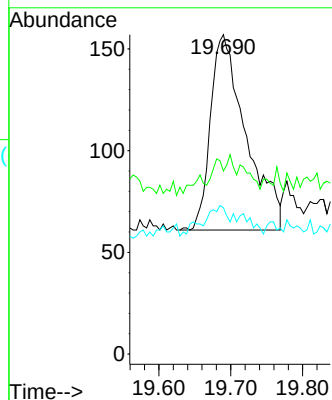
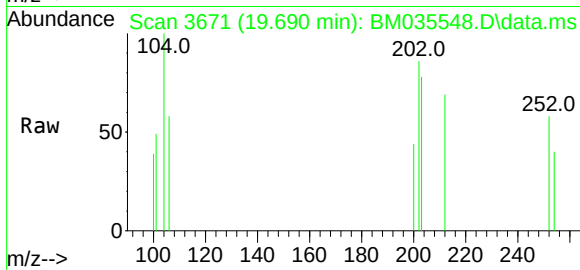
Tgt Ion:202 Resp: 330

Ion Ratio Lower Upper

202 100

101 57.3 11.6 17.4#

100 45.9 9.3 13.9#



#21

Benzo(a)anthracene

Concen: 0.212 ng/ul

RT: 21.376 min Scan# 4145

Delta R.T. -0.023 min

Lab File: BM035548.D

Acq: 20 Jun 2022 23:56

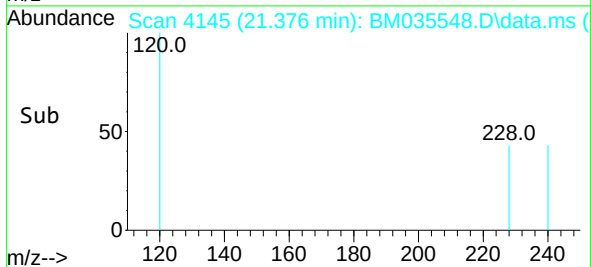
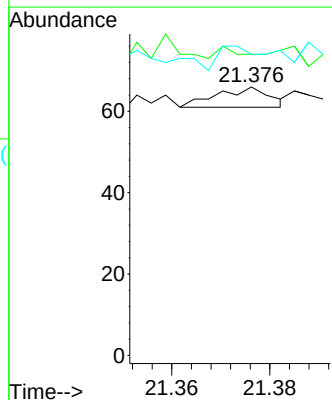
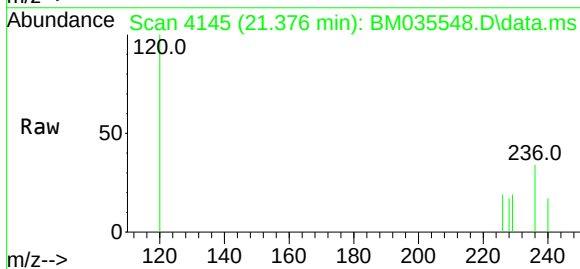
Tgt Ion:228 Resp: 4

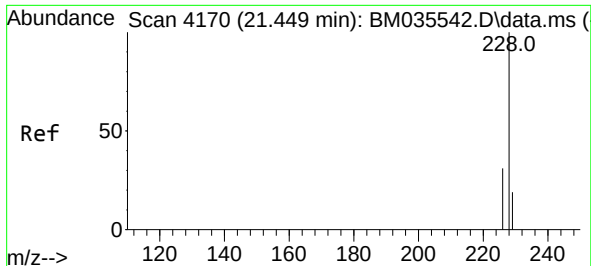
Ion Ratio Lower Upper

228 100

229 112.1 16.2 24.2#

226 112.1 22.3 33.5#





#22

Chrysene

Concen: 7.513 ng/ul

RT: 21.458 min Scan# 4173

Delta R.T. 0.009 min

Lab File: BM035548.D

Acq: 20 Jun 2022 23:56

Instrument :

BNA_M

ClientSampleId :

EW4N6

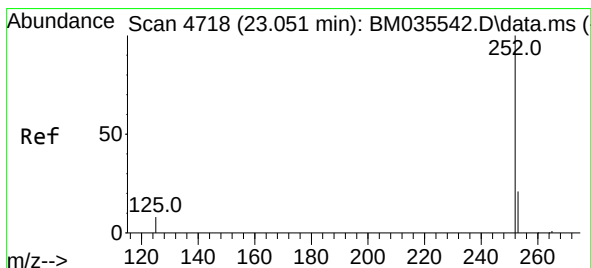
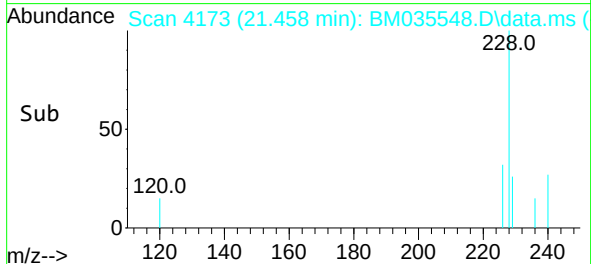
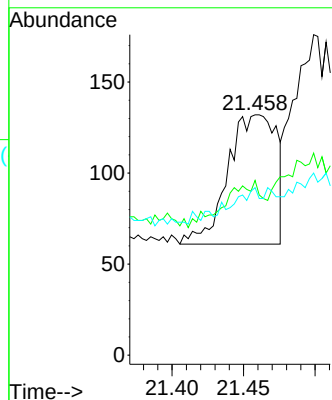
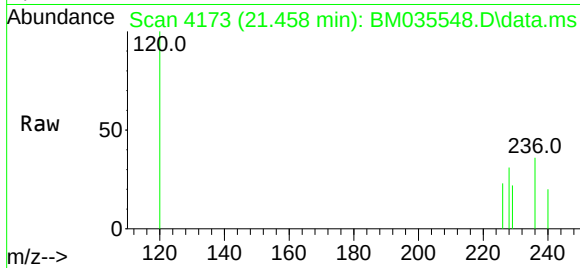
Tgt Ion:228 Resp: 169

Ion Ratio Lower Upper

228 100

226 72.7 24.5 36.7#

229 69.7 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.495 ng/ul

RT: 23.042 min Scan# 4715

Delta R.T. -0.009 min

Lab File: BM035548.D

Acq: 20 Jun 2022 23:56

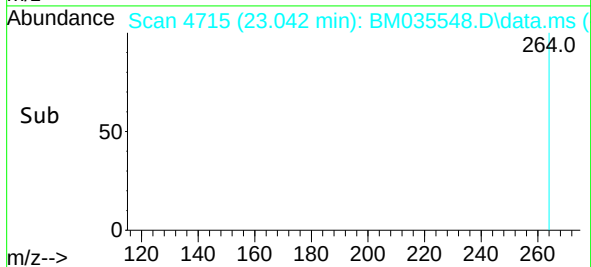
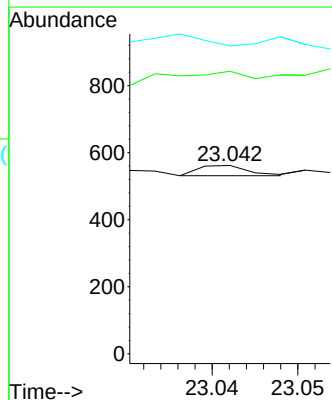
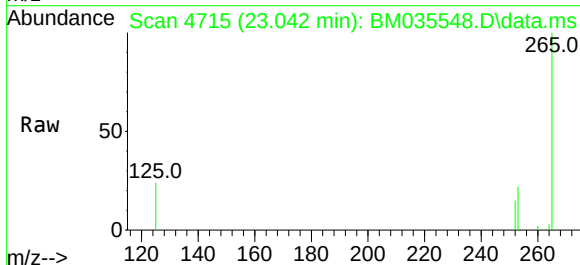
Tgt Ion:252 Resp: 13

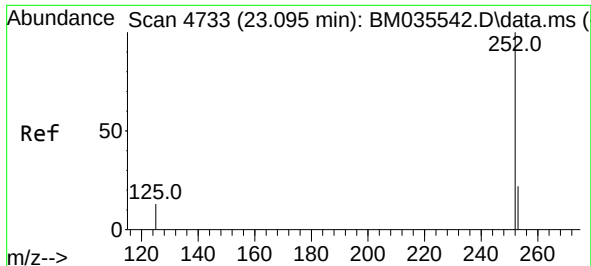
Ion Ratio Lower Upper

252 100

253 150.0 0.0 60.6#

125 163.3 0.0 44.8#

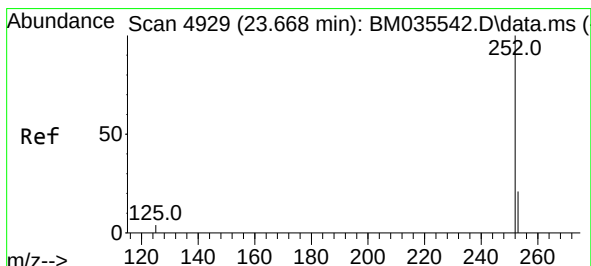
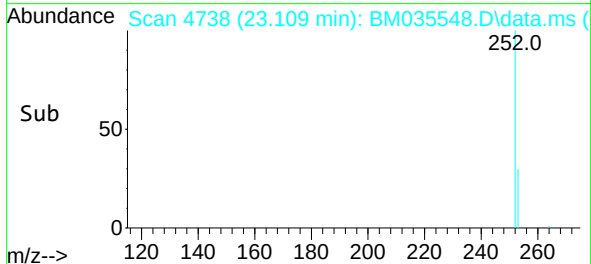
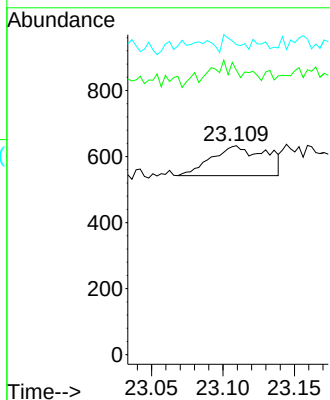
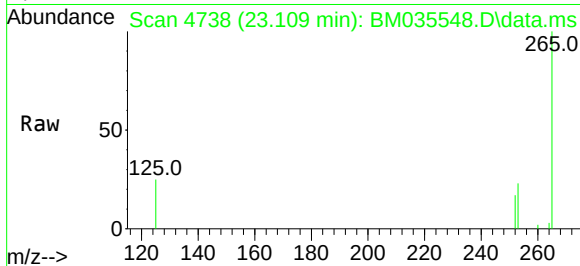




#25
Benzo(k)fluoranthene
Concen: 8.805 ng/u1
RT: 23.109 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

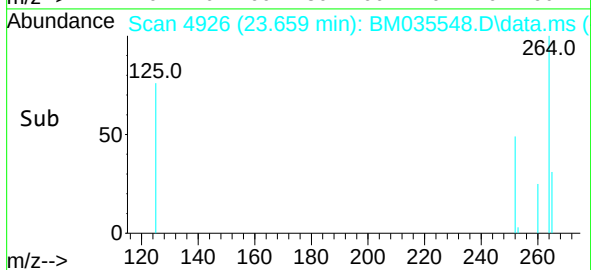
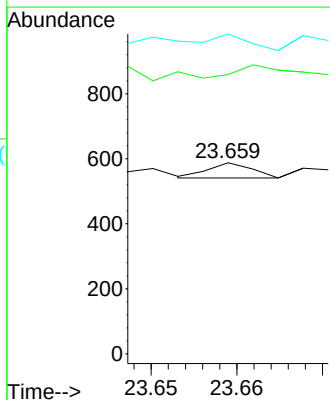
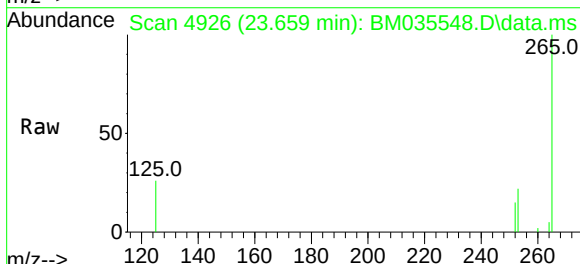
Instrument :
BNA_M
ClientSampleId :
EW4N6

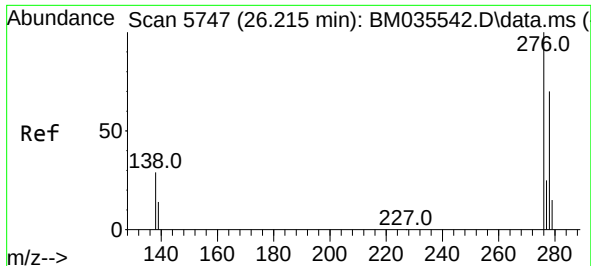
Tgt Ion:252 Resp: 240
Ion Ratio Lower Upper
252 100
253 136.0 24.7 37.1#
125 148.3 18.2 27.4#



#26
Benzo(a)pyrene
Concen: 0.587 ng/u1
RT: 23.659 min Scan# 4926
Delta R.T. -0.009 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

Tgt Ion:252 Resp: 16
Ion Ratio Lower Upper
252 100
253 146.1 27.8 41.6#
125 167.3 23.3 34.9#

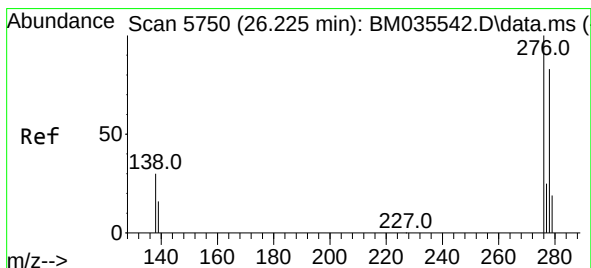
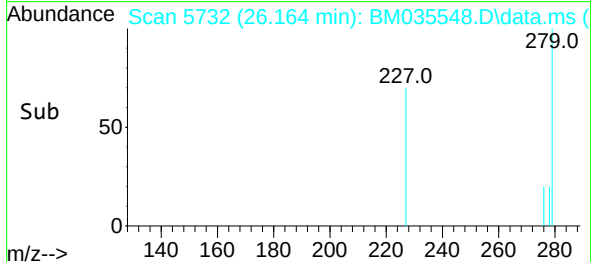
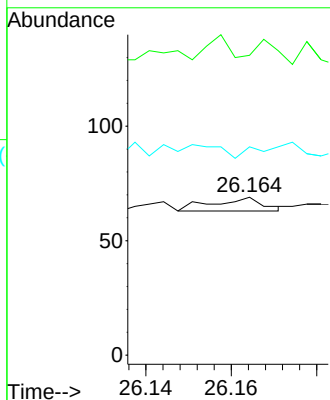
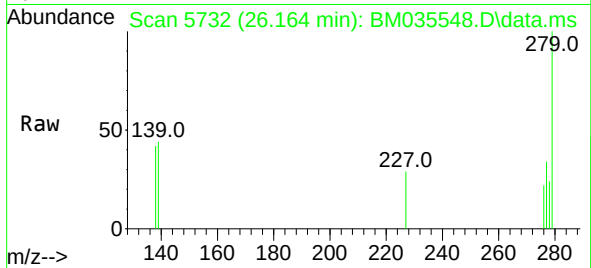




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.159 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

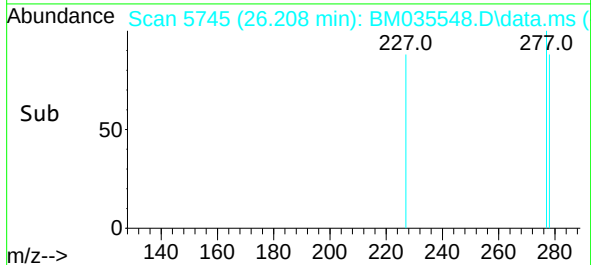
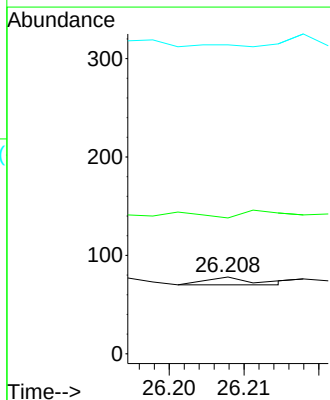
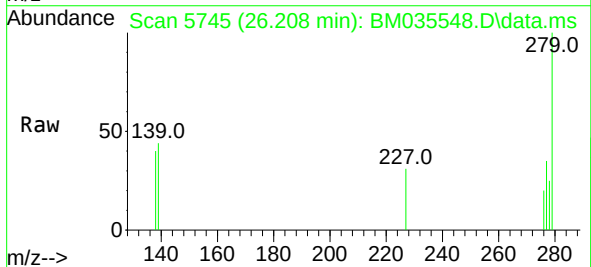
Instrument :
BNA_M
ClientSampleId :
EW4N6

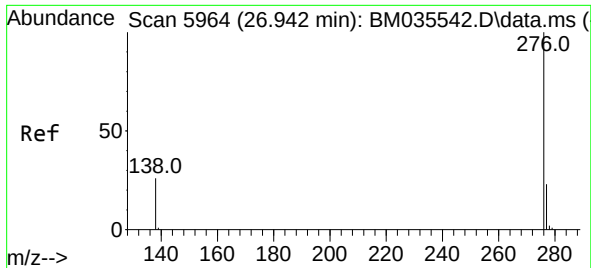
Tgt Ion:276 Resp: 5
Ion Ratio Lower Upper
276 100
138 0.0 24.8 37.2#
227 100.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 26.208 min Scan# 5745
Delta R.T. -0.013 min
Lab File: BM035548.D
Acq: 20 Jun 2022 23:56

Tgt Ion:278 Resp: 4
Ion Ratio Lower Upper
278 100
139 176.9 19.1 28.7#
279 402.6 26.7 40.1#





#29

Benzo(g,h,i)perylene

Concen: 0.427 ng/ul

RT: 26.979 min Scan# 5975

Delta R.T. 0.034 min

Lab File: BM035548.D

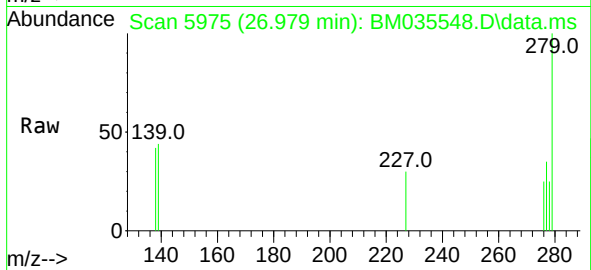
Acq: 20 Jun 2022 23:56

Instrument :

BNA_M

ClientSampleId :

EW4N6



Tgt Ion:276 Resp: 12

Ion Ratio Lower Upper

276 100

138 169.7 23.1 34.7#

277 143.4 20.3 30.5#

