

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035535.D
 Acq On : 20 Jun 2022 15:26
 Operator : CG/JU
 Sample : N3226-21MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

Quant Time: Jun 21 01:28:47 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)

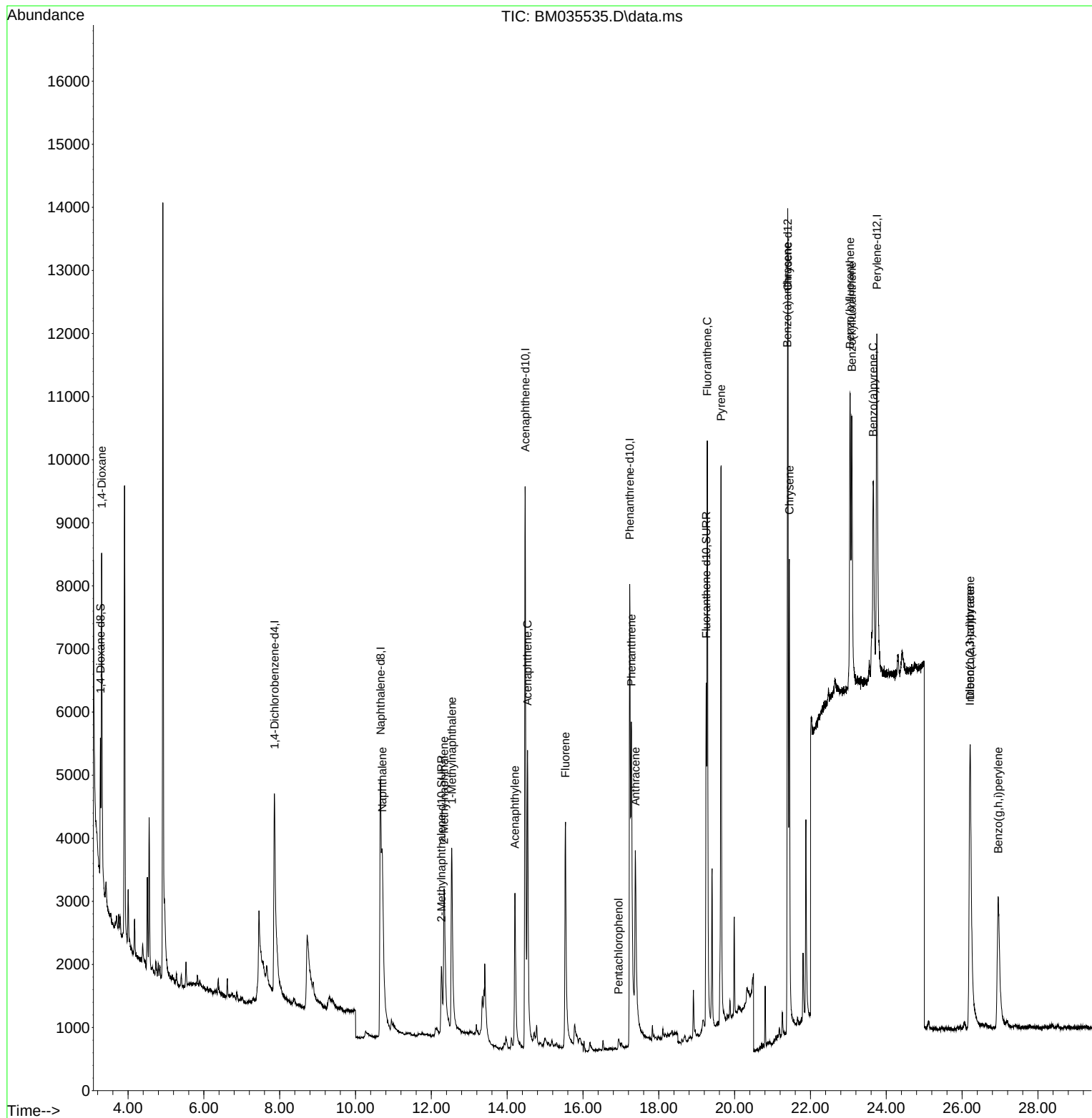
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	3607	0.400	ng/ul	0.00
4) Naphthalene-d8	10.660	136	12662	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.479	164	6205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	13082	0.400	ng/ul	0.00
17) Chrysene-d12	21.405	240	10316	0.400	ng/ul	0.00
23) Perylene-d12	23.752	264	9141	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1325	0.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	2978	0.158	ng/ul	0.02
18) Fluoranthene-d10	19.253	212	6734	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	3106	0.615	ng/ul#	74
5) Naphthalene	10.710	128	5581	0.130	ng/ul#	93
7) 2-Methylnaphthalene	12.338	142	3373	0.138	ng/ul	99
8) 1-Methylnaphthalene	12.541	142	3435	0.153	ng/ul	99
10) Acenaphthylene	14.206	152	4875	0.139	ng/ul	95
11) Acenaphthene	14.539	153	3650	0.141	ng/ul	99
12) Fluorene	15.538	166	4026	0.138	ng/ul	98
14) Pentachlorophenol	16.942	266	239	0.095	ng/ul	94
15) Phenanthrene	17.280	178	7287	0.152	ng/ul	97
16) Anthracene	17.382	178	5336	0.127	ng/ul#	93
19) Fluoranthene	19.281	202	9400	0.178	ng/ul	97
20) Pyrene	19.643	202	9478	0.171	ng/ul	97
21) Benzo(a)anthracene	21.394	228	6598	0.169	ng/ul	98
22) Chrysene	21.443	228	7306	0.157	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	6896	0.172	ng/ul	79
25) Benzo(k)fluoranthene	23.092	252	6213	0.150	ng/ul#	76
26) Benzo(a)pyrene	23.656	252	6261	0.151	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.208	276	7306	0.153	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.214	278	5817	0.149	ng/ul#	82
29) Benzo(g,h,i)perylene	26.956	276	6138	0.143	ng/ul	92

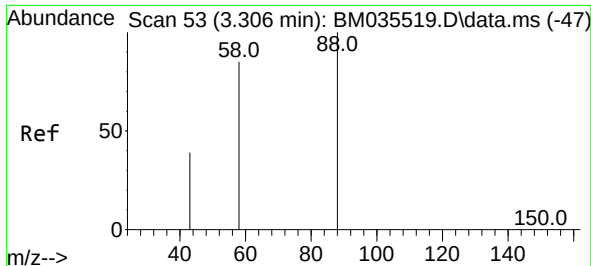
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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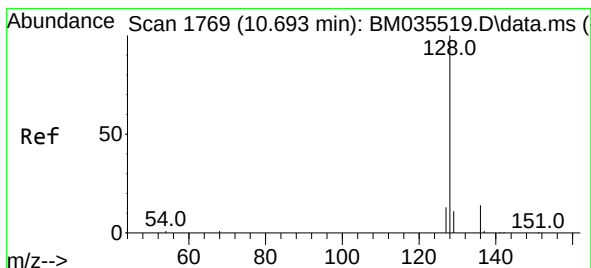
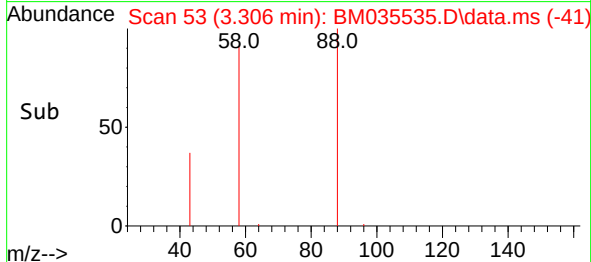
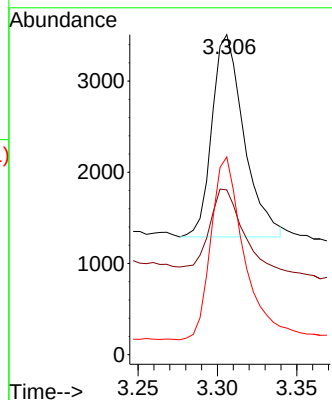
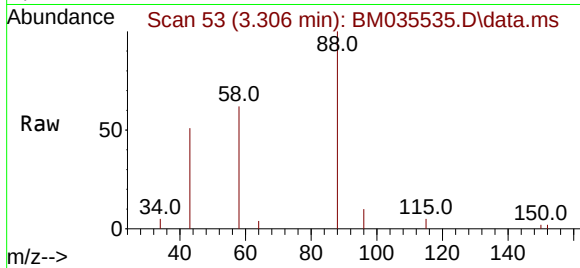




#2
 1,4-Dioxane
 Concen: 0.615 ng/ul
 RT: 3.306 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM035535.D
 Acq: 20 Jun 2022 15:26

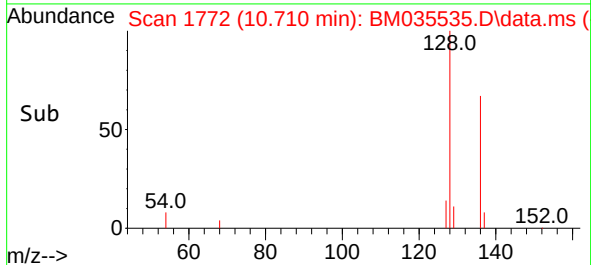
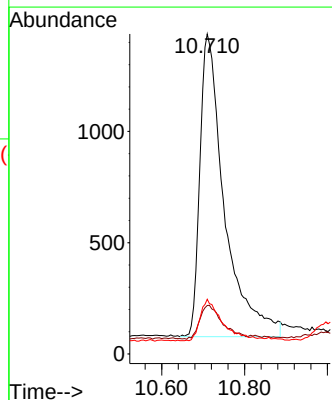
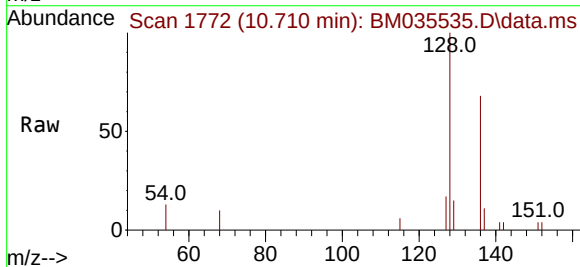
Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

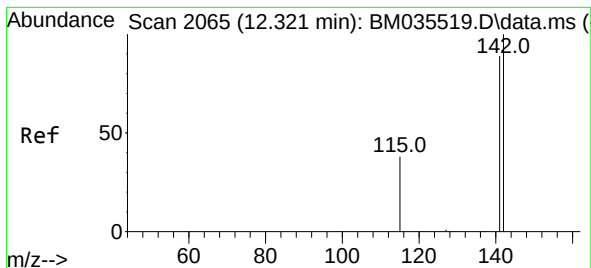
Tgt Ion: 88 Resp: 3106
 Ion Ratio Lower Upper
 88 100
 43 51.5 70.4 105.6#
 58 61.8 45.6 68.4



#5
 Naphthalene
 Concen: 0.130 ng/ul
 RT: 10.710 min Scan# 1772
 Delta R.T. 0.016 min
 Lab File: BM035535.D
 Acq: 20 Jun 2022 15:26

Tgt Ion: 128 Resp: 5581
 Ion Ratio Lower Upper
 128 100
 129 15.2 10.1 15.1#
 127 17.1 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.138 ng/ul

RT: 12.338 min Scan# 2068

Delta R.T. 0.016 min

Lab File: BM035535.D

Acq: 20 Jun 2022 15:26

Instrument :

BNA_M

ClientSampleId :

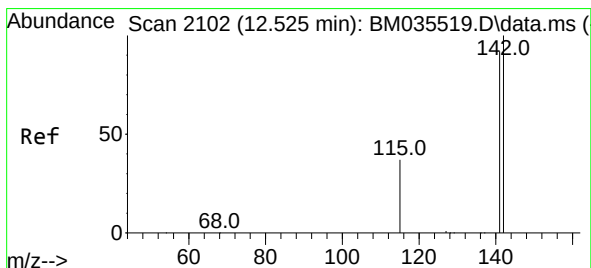
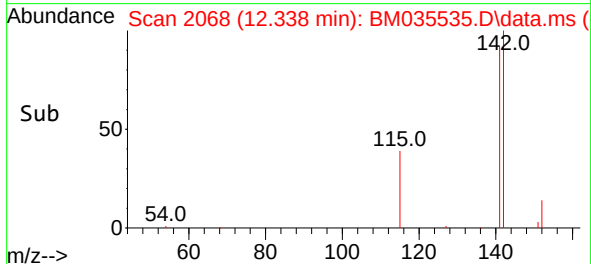
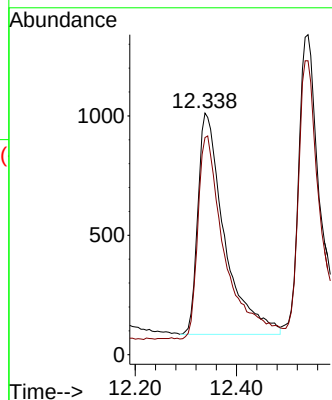
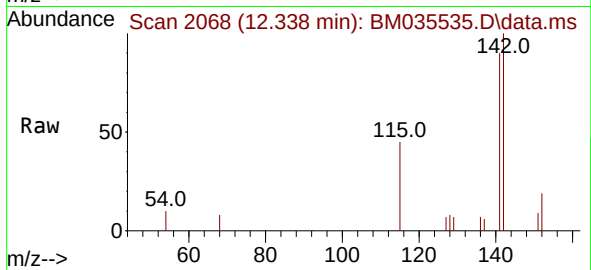
EW4P0MS

Tgt Ion:142 Resp: 3373

Ion Ratio Lower Upper

142 100

141 93.5 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.153 ng/ul

RT: 12.541 min Scan# 2105

Delta R.T. 0.016 min

Lab File: BM035535.D

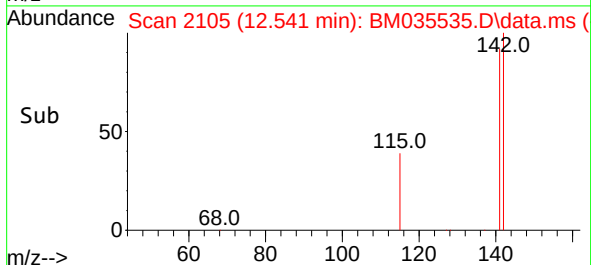
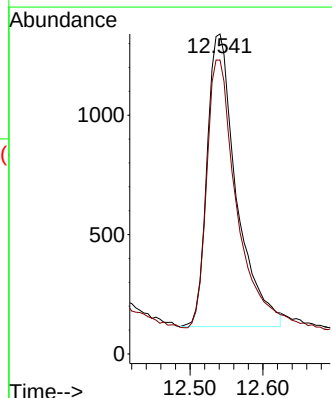
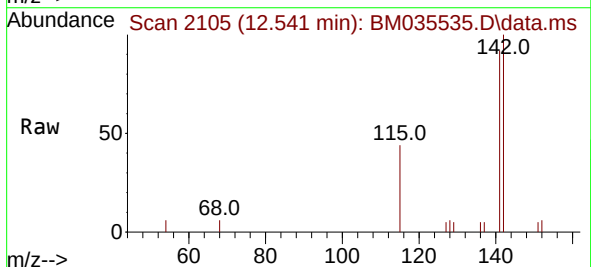
Acq: 20 Jun 2022 15:26

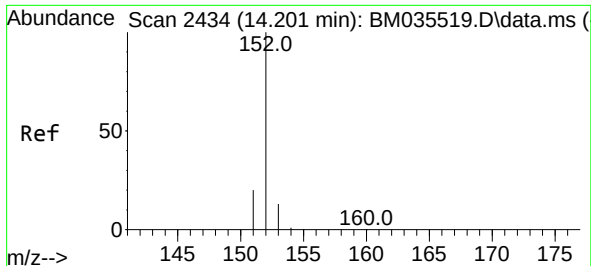
Tgt Ion:142 Resp: 3435

Ion Ratio Lower Upper

142 100

141 92.4 74.6 111.8

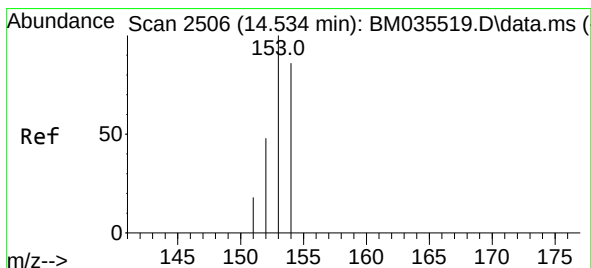
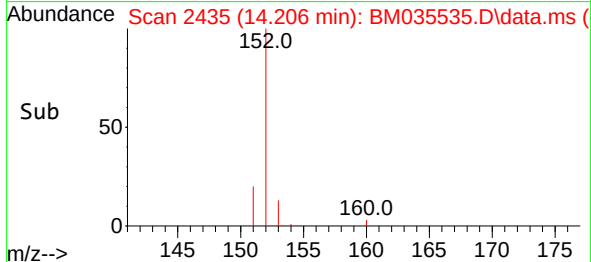
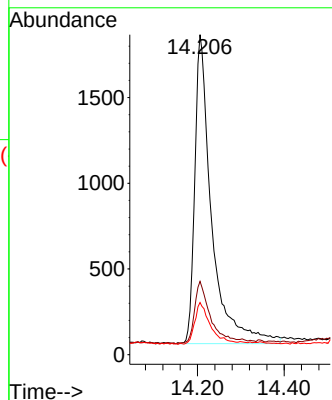
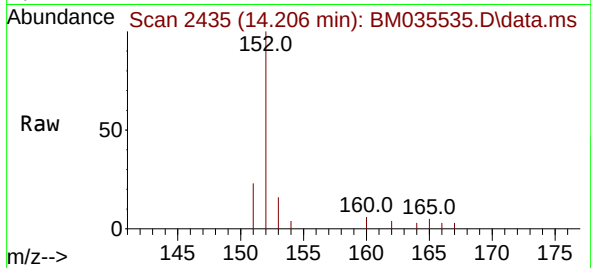




#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

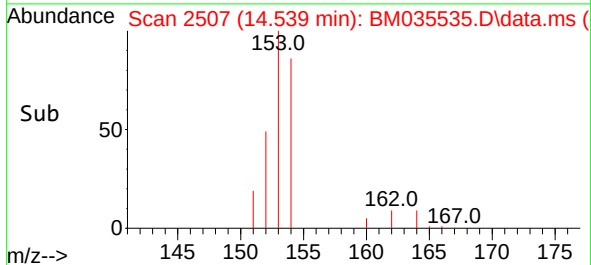
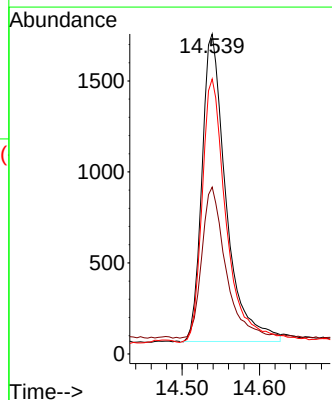
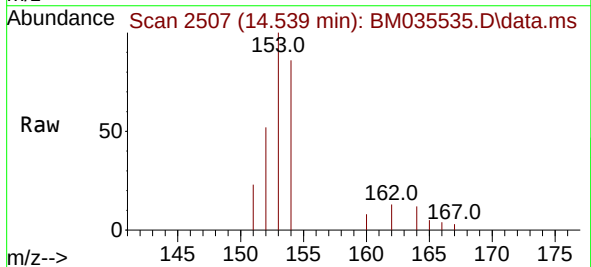
Instrument :
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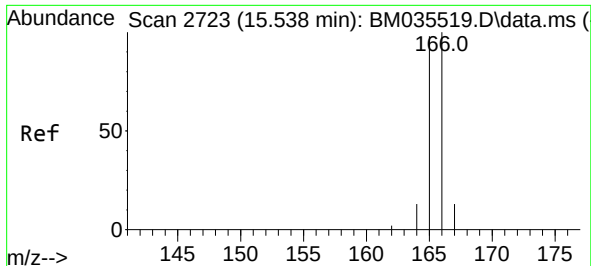
Tgt Ion:152 Resp: 4875
Ion Ratio Lower Upper
152 100
151 22.9 16.8 25.2
153 16.3 11.1 16.7



#11
Acenaphthene
Concen: 0.141 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Tgt Ion:153 Resp: 3650
Ion Ratio Lower Upper
153 100
152 52.2 40.0 60.0
154 85.9 69.1 103.7

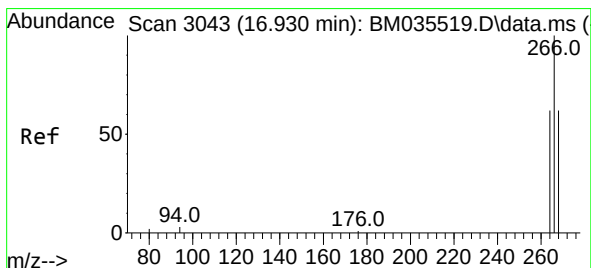
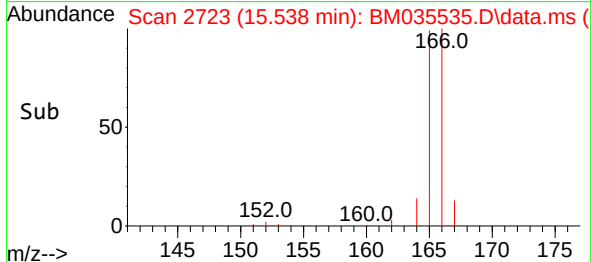
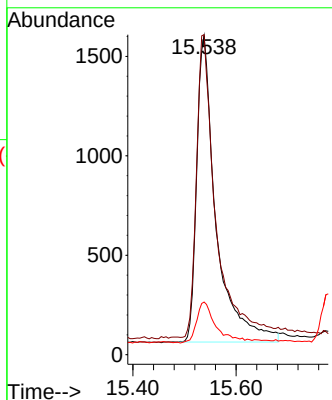
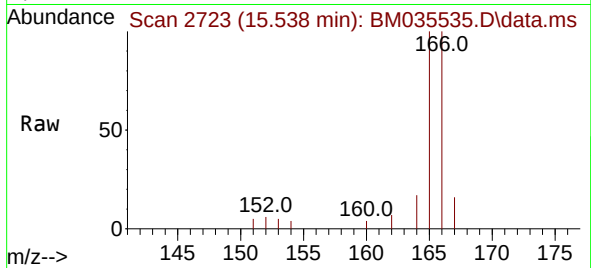




#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

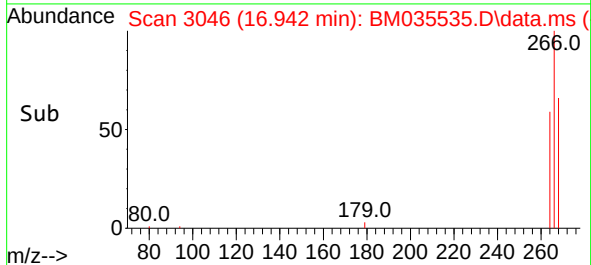
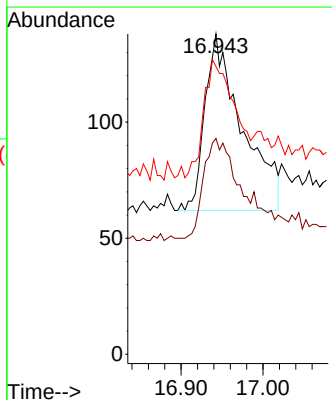
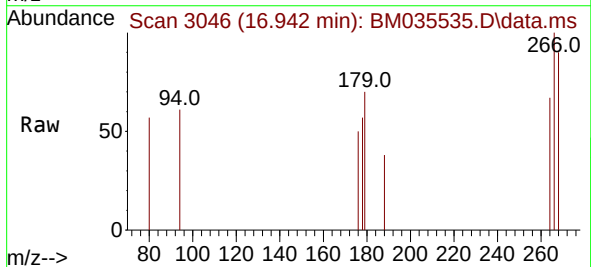
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

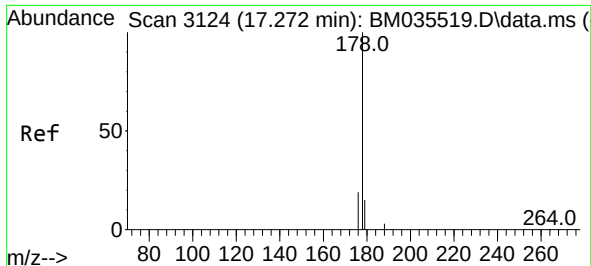
Tgt Ion:166 Resp: 4026
Ion Ratio Lower Upper
166 100
165 100.4 78.7 118.1
167 16.5 11.6 17.4



#14
Pentachlorophenol
Concen: 0.095 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. 0.013 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Tgt Ion:266 Resp: 239
Ion Ratio Lower Upper
266 100
264 59.4 51.0 76.4
268 69.0 51.7 77.5

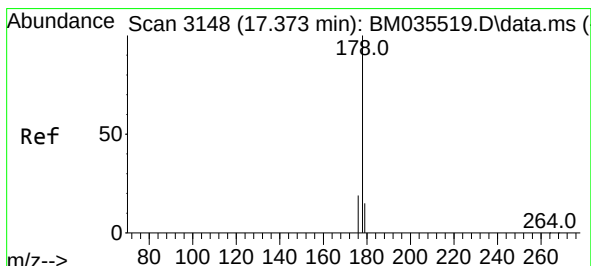
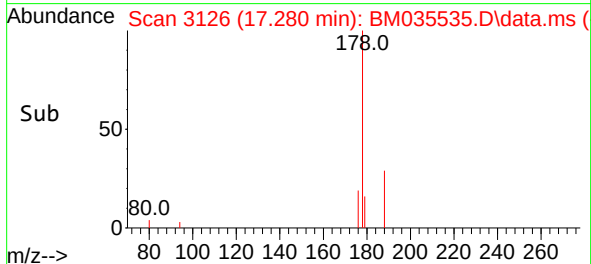
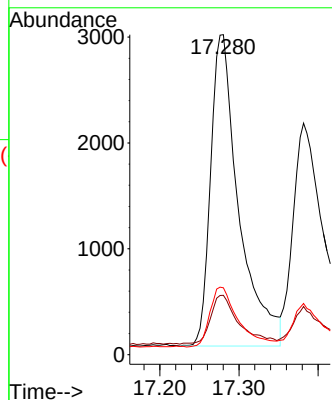
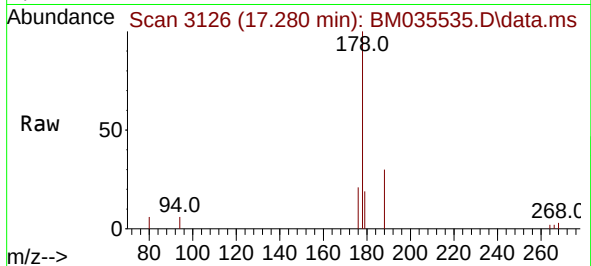




#15
Phenanthrene
Concen: 0.152 ng/u1
RT: 17.280 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

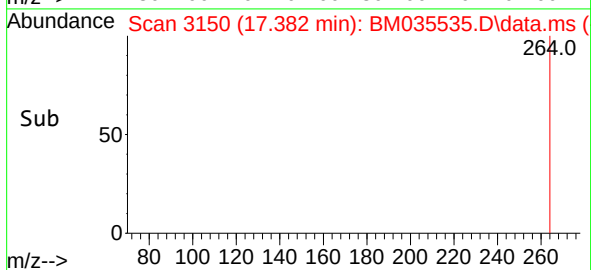
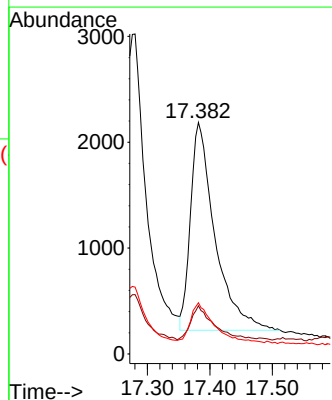
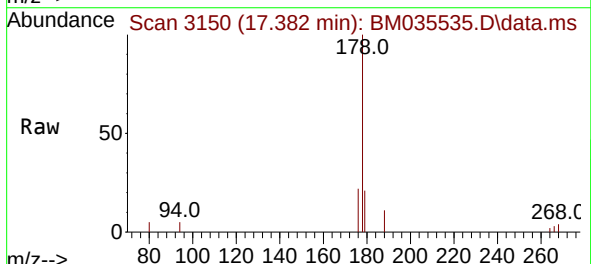
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ClientSampleId :
EW4P0MS

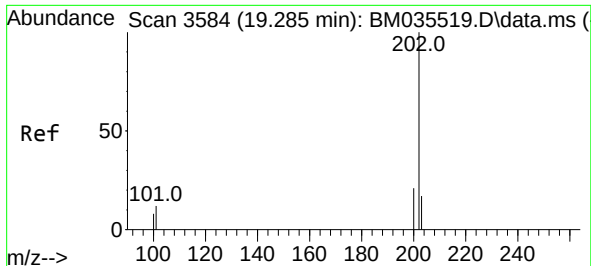
Tgt Ion:178 Resp: 7287
Ion Ratio Lower Upper
178 100
179 18.5 13.2 19.8
176 20.9 16.2 24.4



#16
Anthracene
Concen: 0.127 ng/u1
RT: 17.382 min Scan# 3150
Delta R.T. 0.008 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Tgt Ion:178 Resp: 5336
Ion Ratio Lower Upper
178 100
179 20.8 13.4 20.0#
176 22.1 15.9 23.9

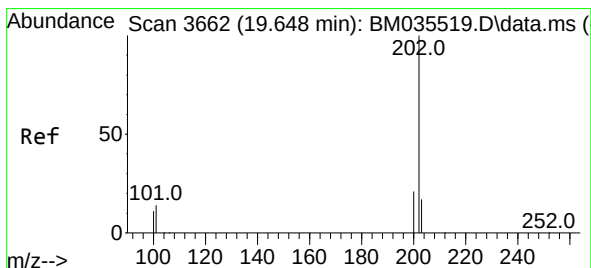
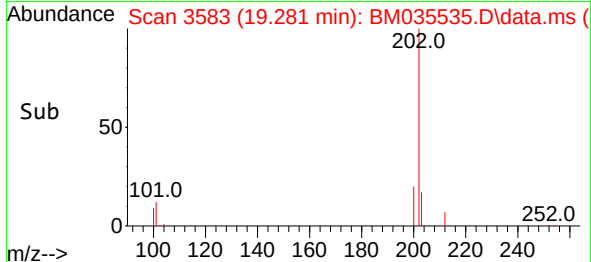
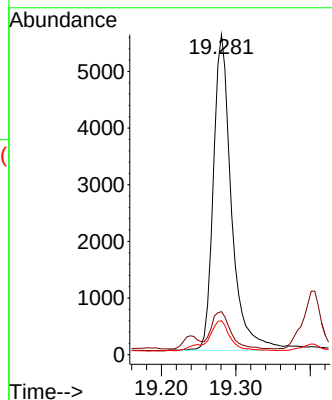
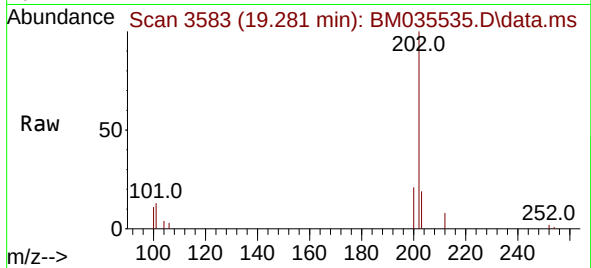




#19
Fluoranthene
Concen: 0.178 ng/ul
RT: 19.281 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

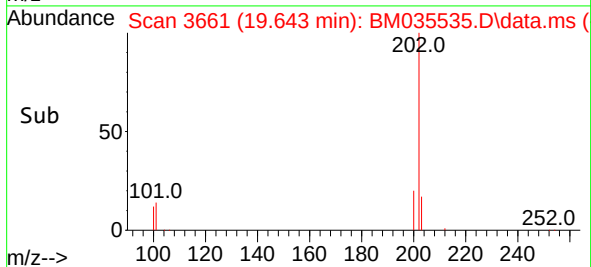
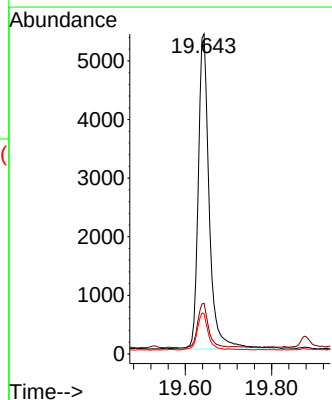
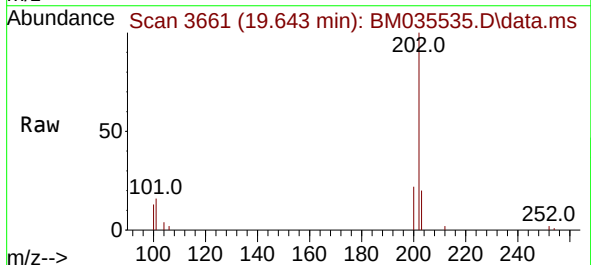
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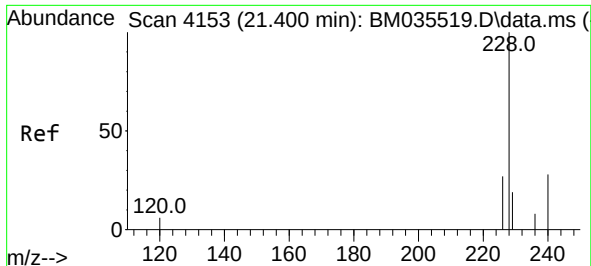
Tgt Ion:202 Resp: 9400
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 10.6 7.5 11.3



#20
Pyrene
Concen: 0.171 ng/ul
RT: 19.643 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Tgt Ion:202 Resp: 9478
Ion Ratio Lower Upper
202 100
101 15.9 11.6 17.4
100 12.5 9.3 13.9

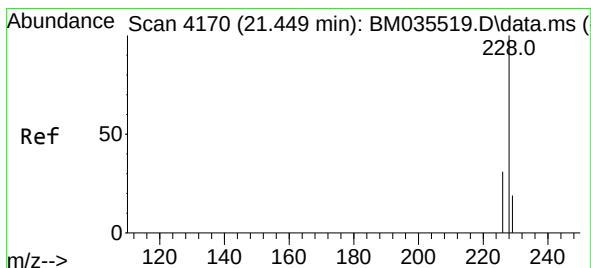
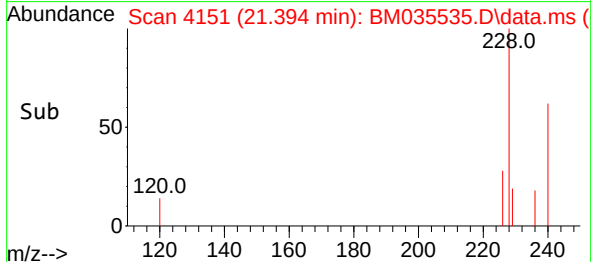
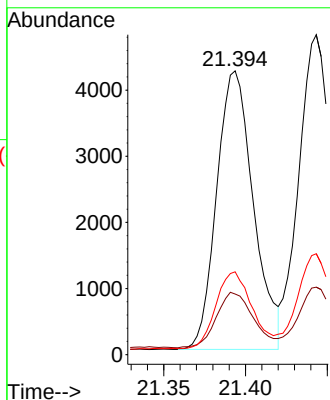
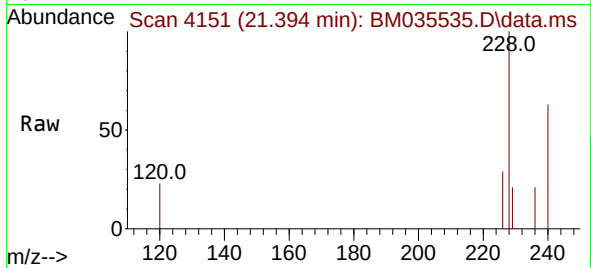




#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.394 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

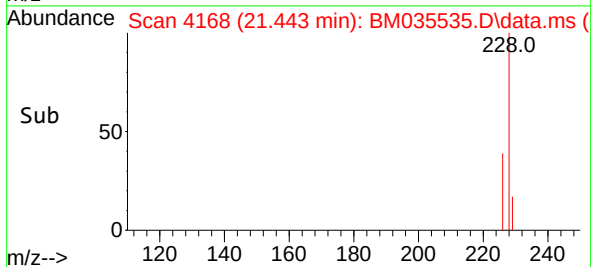
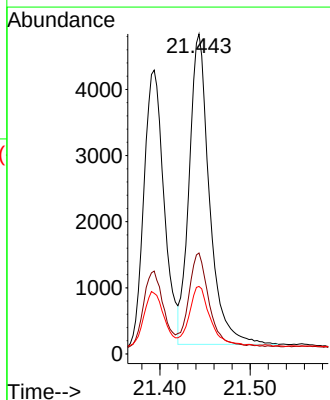
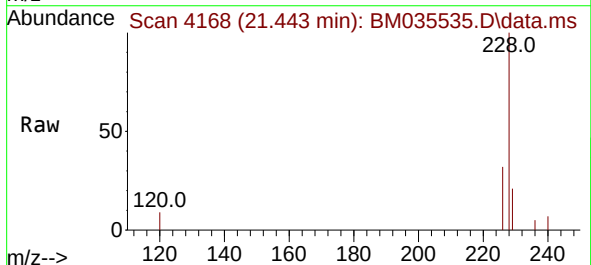
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

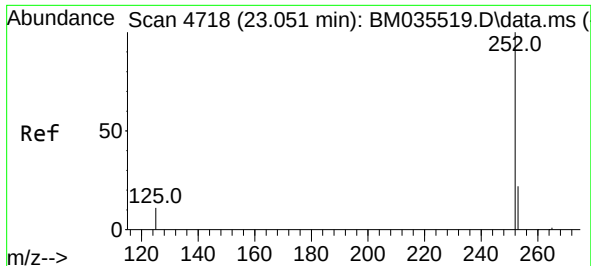
Tgt Ion:228 Resp: 6598
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.2 22.3 33.5



#22
Chrysene
Concen: 0.157 ng/ul
RT: 21.443 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

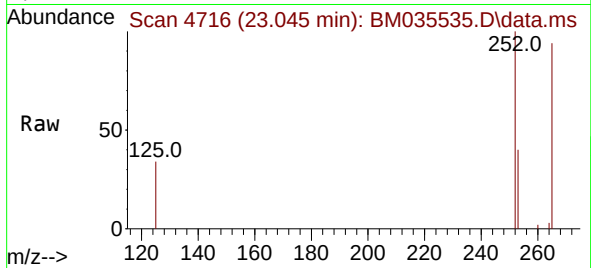
Tgt Ion:228 Resp: 7306
Ion Ratio Lower Upper
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226 31.6 24.5 36.7
229 21.1 15.8 23.8



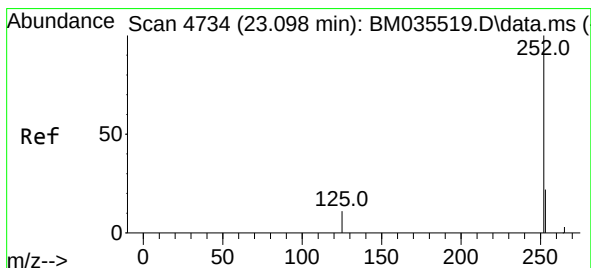
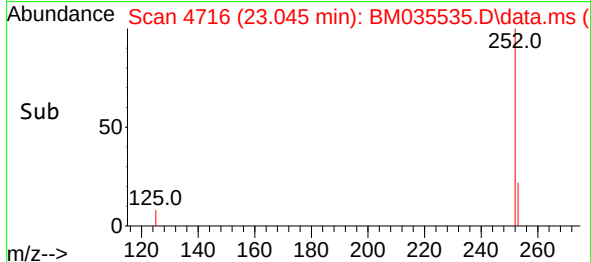
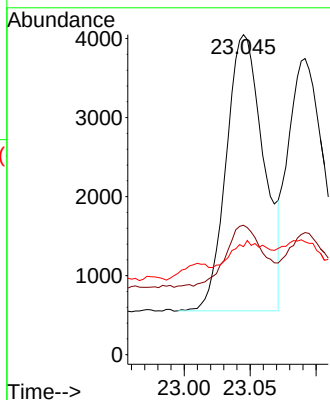


#24
Benzo(b)fluoranthene
Concen: 0.172 ng/ul
RT: 23.045 min Scan# 4716
Delta R.T. -0.006 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Instrument :
BNA_M
ClientSampleId :
EW4P0MS

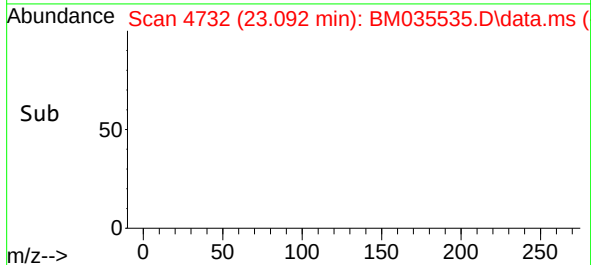
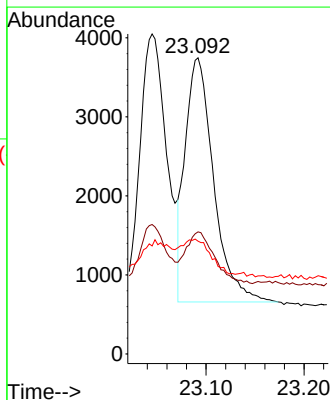
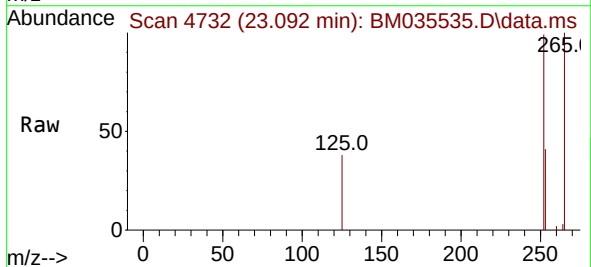


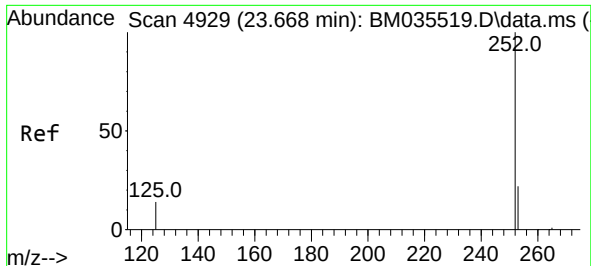
Tgt Ion:252	Resp:	6896
Ion Ratio	Lower	Upper
252	100	
253	40.5	0.0 60.6
125	33.8	0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.150 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.006 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Tgt Ion:252	Resp:	6213
Ion Ratio	Lower	Upper
252	100	
253	41.2	24.7 37.1#
125	38.1	18.2 27.4#

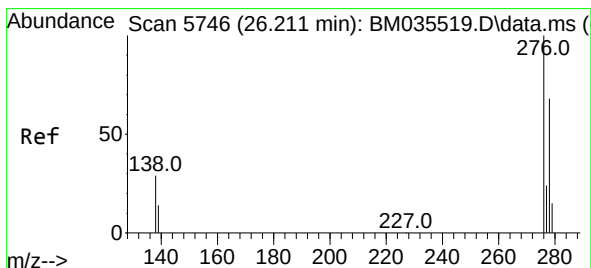
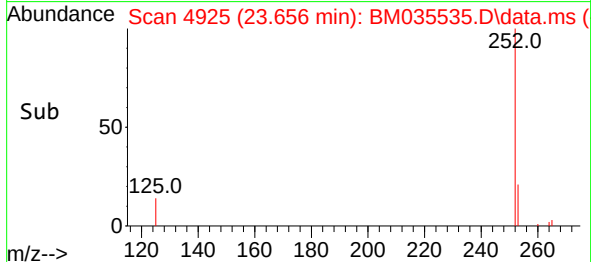
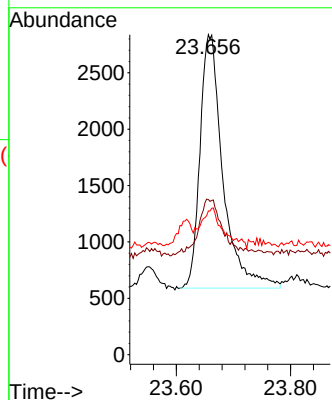
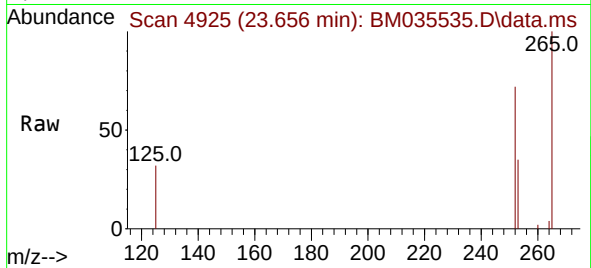




#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.656 min Scan# 4925
Delta R.T. -0.012 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

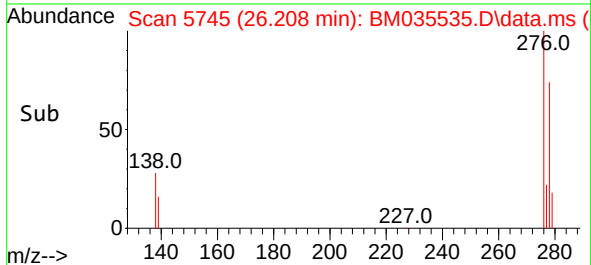
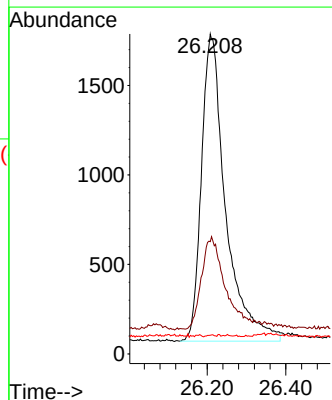
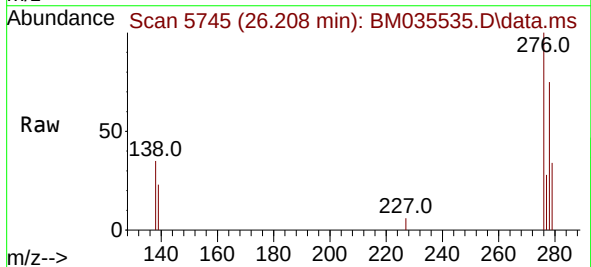
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

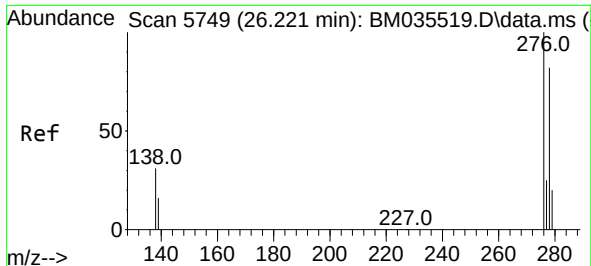
Tgt Ion:252 Resp: 6261
Ion Ratio Lower Upper
252 100
253 48.5 27.8 41.6#
125 44.9 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.153 ng/ul
RT: 26.208 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM035535.D
Acq: 20 Jun 2022 15:26

Tgt Ion:276 Resp: 7306
Ion Ratio Lower Upper
276 100
138 30.2 24.8 37.2
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.149 ng/ul

RT: 26.214 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM035535.D

Acq: 20 Jun 2022 15:26

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

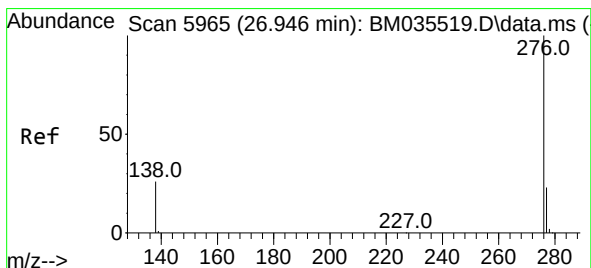
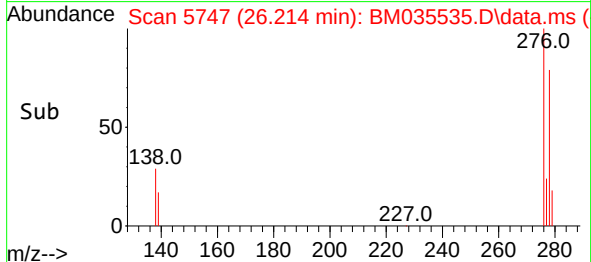
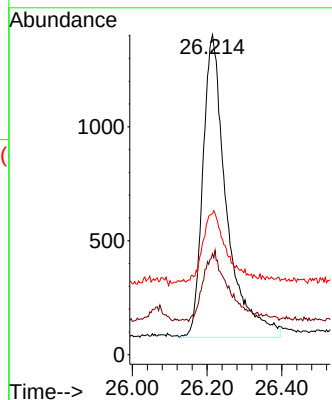
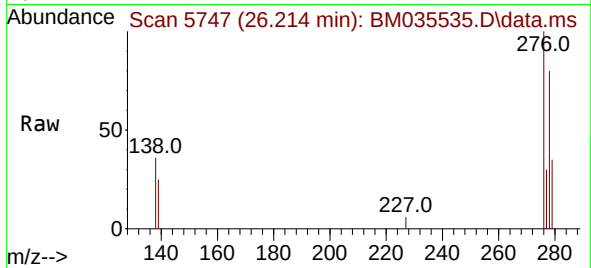
Tgt Ion:278 Resp: 5817

Ion Ratio Lower Upper

278 100

139 31.6 19.1 28.7#

279 44.2 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.143 ng/ul

RT: 26.956 min Scan# 5968

Delta R.T. 0.010 min

Lab File: BM035535.D

Acq: 20 Jun 2022 15:26

Tgt Ion:276 Resp: 6138

Ion Ratio Lower Upper

276 100

138 33.3 23.1 34.7

277 29.2 20.3 30.5

