

Data File : BM025546.D
Acq On : 13 Mar 2020 18:11
Operator : CG/JU
Sample : L1786-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

Quant Time: Mar 16 05:39:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 05:37:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3515	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10071	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20452	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16408	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17779	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2917	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	6066	0.11	ng/ul	0.00

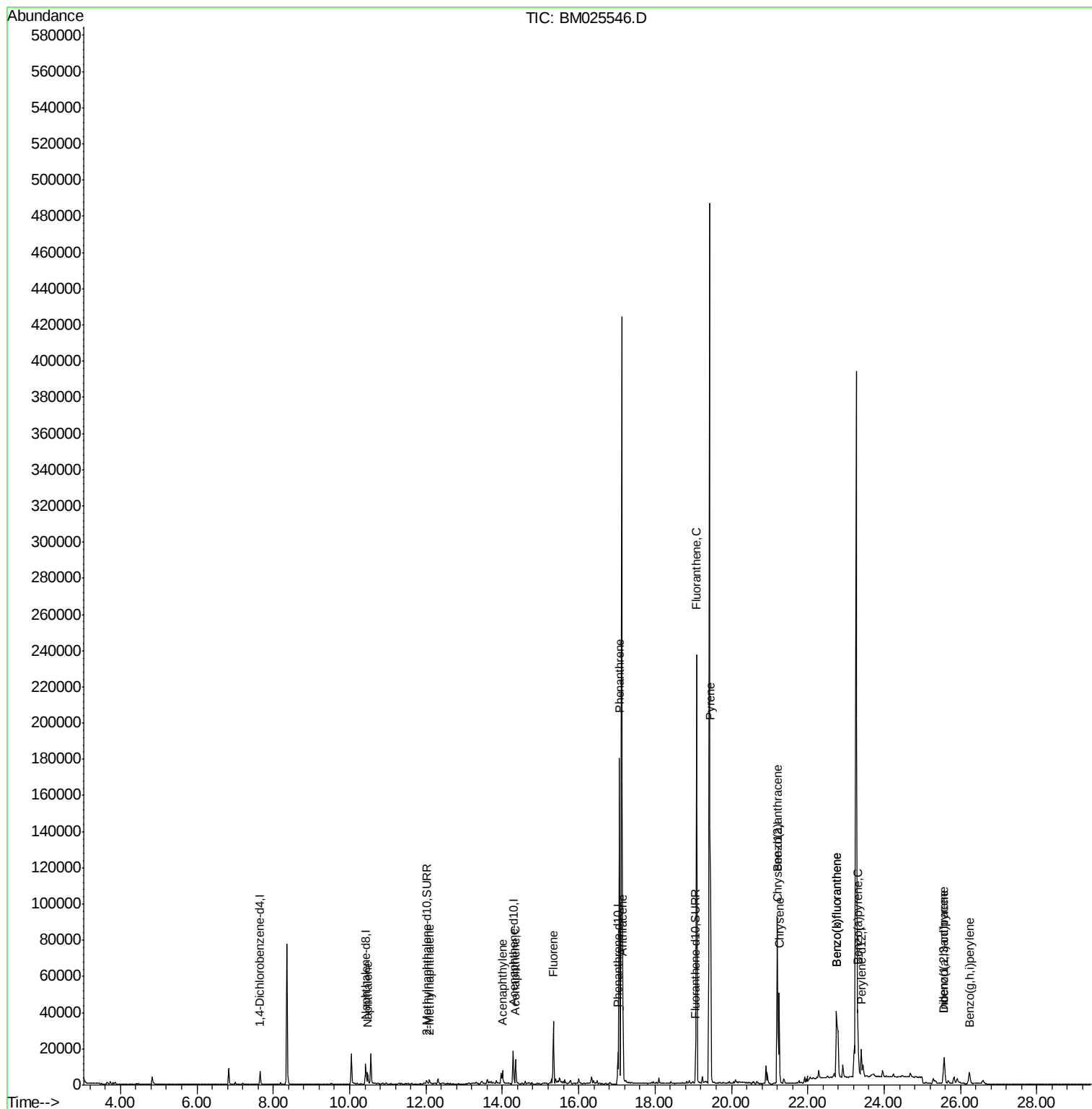
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	8487	0.192	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	1805	0.057	ng/ul	99
7) Acenaphthylene	14.00	152	6848	0.166	ng/ul#	86
8) Acenaphthene	14.34	153	7654	0.212	ng/ul	99
9) Fluorene	15.33	166	21544	0.490	ng/ul	100
12) Phenanthrene	17.07	178	183795	2.836	ng/ul	99
13) Anthracene	17.16	178	42879	0.760	ng/ul	100
15) Fluoranthene	19.09	202	203768	2.900	ng/ul	99
17) Pyrene	19.45	202	141104	1.916	ng/ul	99
18) Benzo(a)anthracene	21.20	228	74210	1.265	ng/ul	99
19) Chrysene	21.25	228	47232	0.717	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	89816	1.276	ng/ul	98
22) Benzo(k)fluoranthene	22.75	252	89816	1.218	ng/ul	99
23) Benzo(a)pyrene	23.31	252	45842	0.784	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	22776	0.287	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	7323	0.110	ng/ul#	87
26) Benzo(g,h,i)perylene	26.23	276	13343	0.194	ng/ul#	97

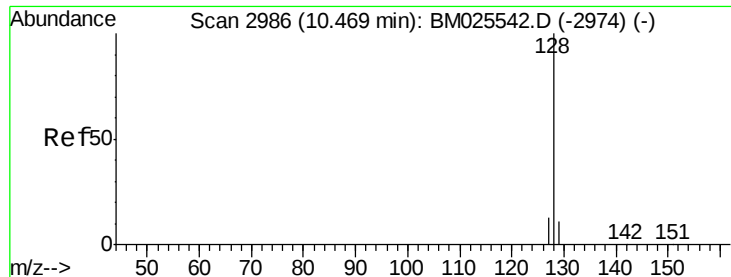
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM025546.D
Acq On : 13 Mar 2020 18:11
Operator : CG/JU
Sample : L1786-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

Quant Time: Mar 16 05:39:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 05:37:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.192 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

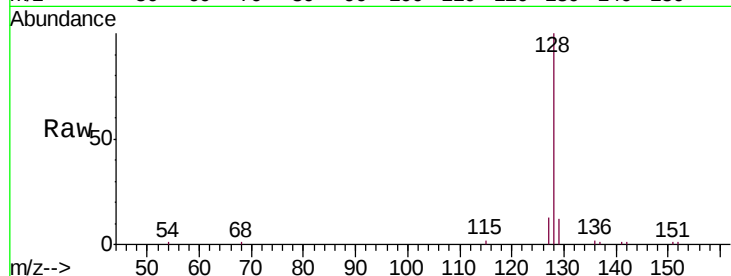
Tgt Ion:128 Resp: 8487

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.0

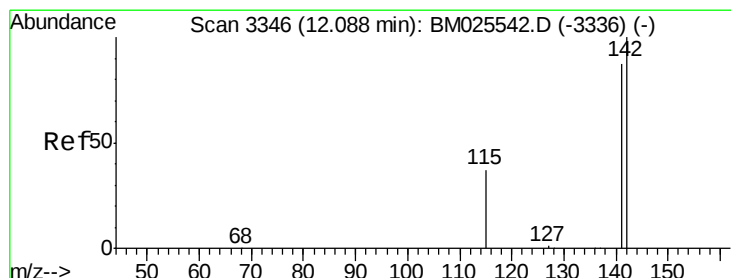
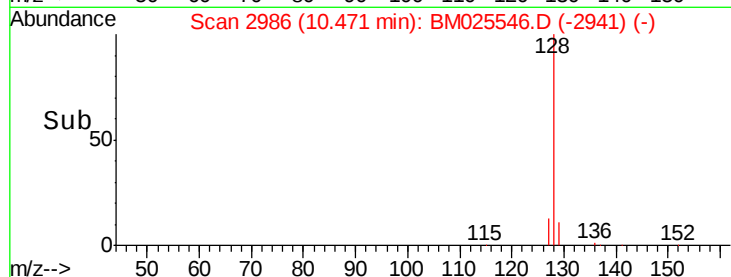
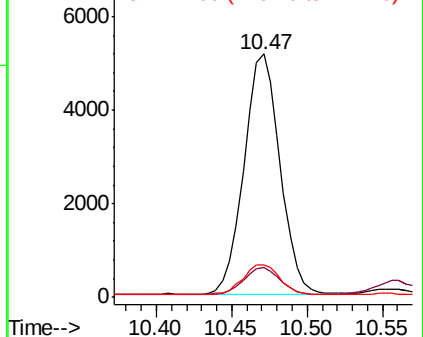
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. 0.01 min

Lab File: BM025546.D

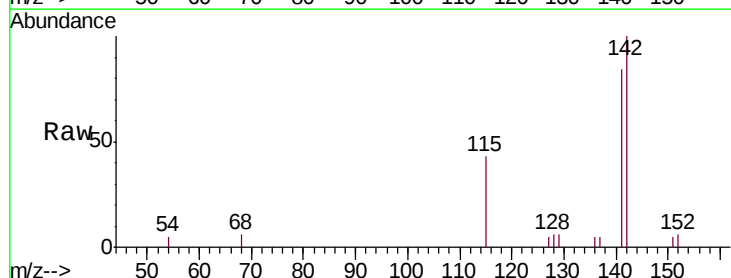
Acq: 13 Mar 2020 18:11

Tgt Ion:142 Resp: 1805

Ion Ratio Lower Upper

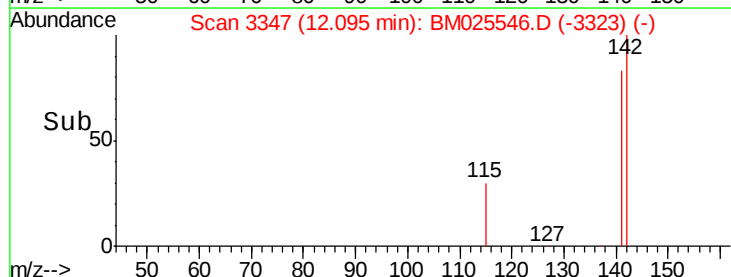
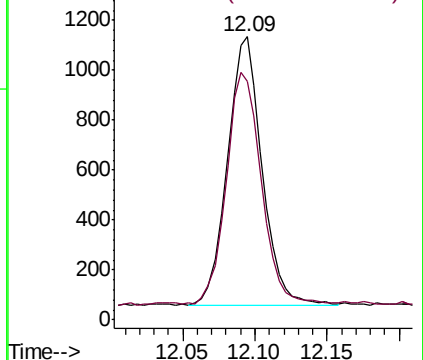
142 100

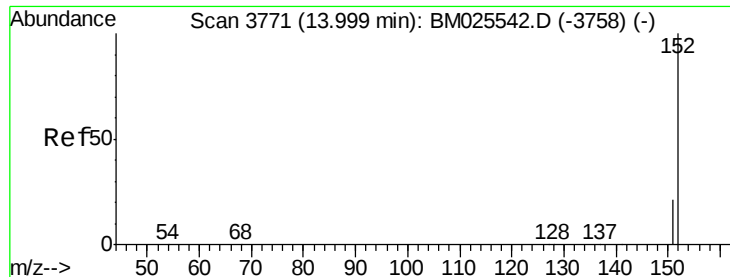
141 88.2 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.166 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

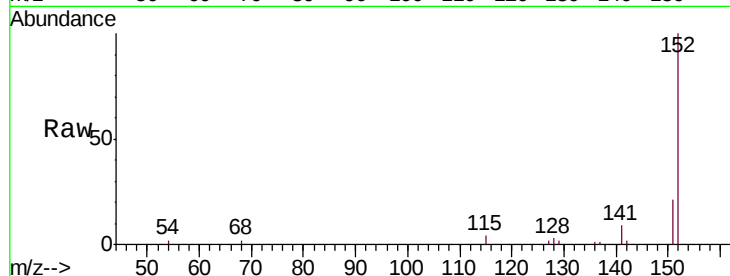
Tgt Ion:152 Resp: 6848

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

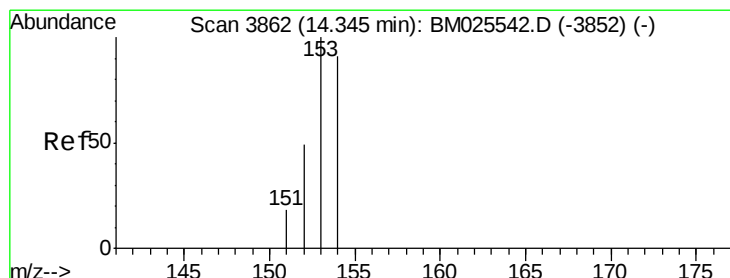
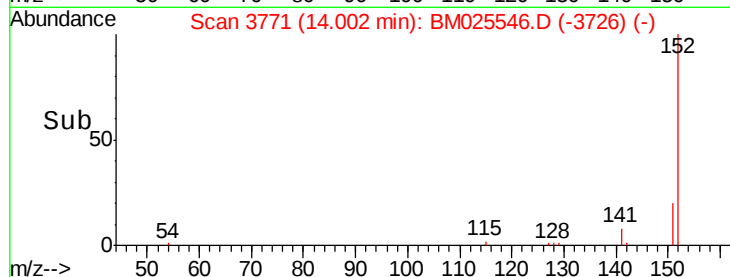
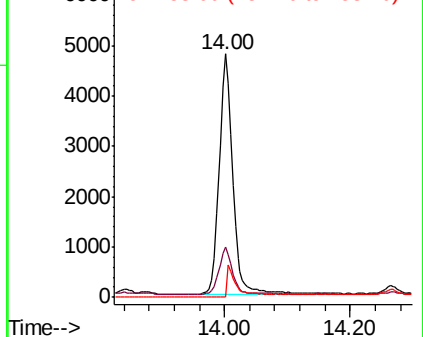
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.212 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

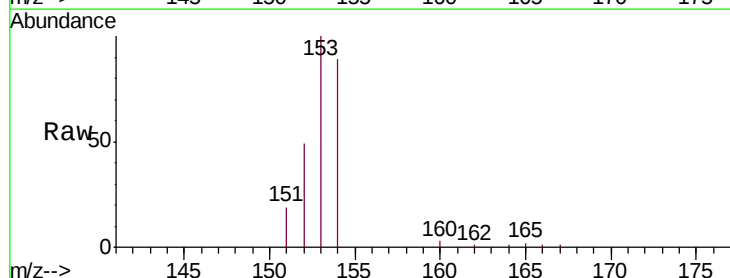
Tgt Ion:153 Resp: 7654

Ion Ratio Lower Upper

153 100

152 49.1 39.5 59.3

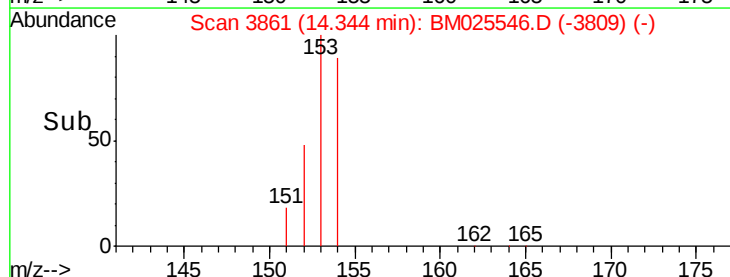
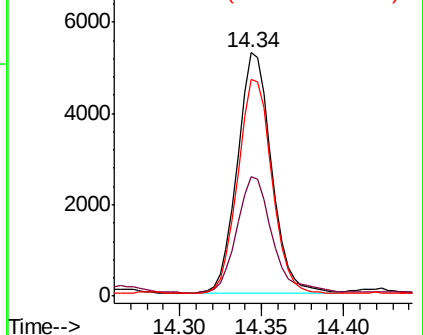
154 89.0 71.7 107.5

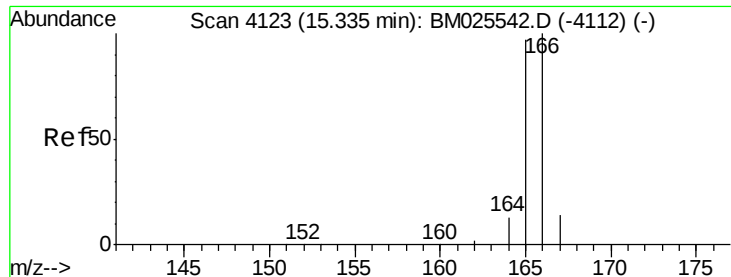


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.490 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

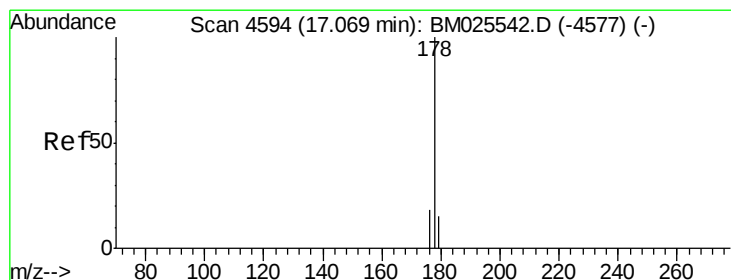
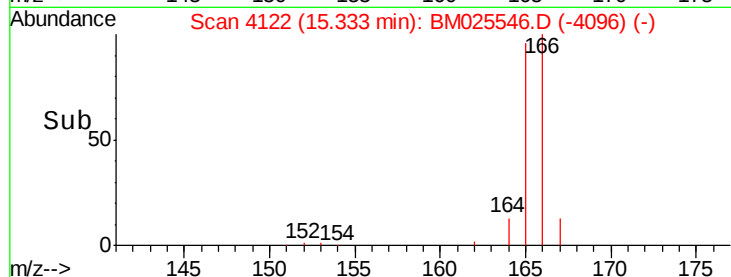
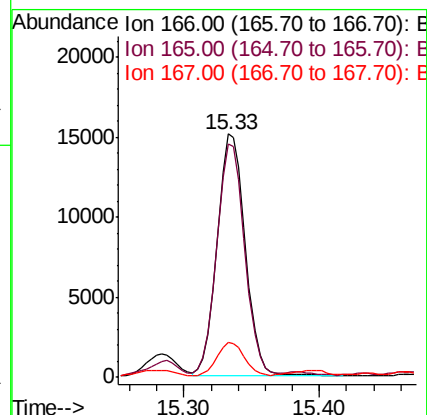
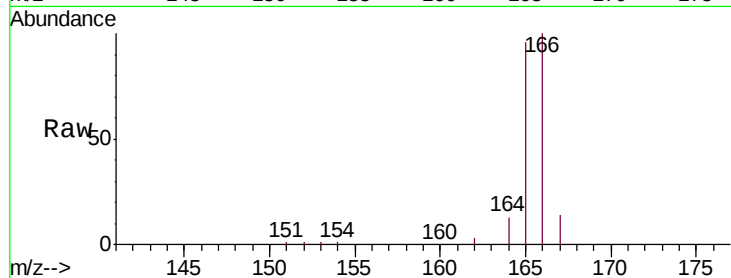
Tgt Ion:166 Resp: 21544

Ion Ratio Lower Upper

166 100

165 96.0 76.8 115.2

167 14.3 11.2 16.8



#12

Phenanthrene

Concen: 2.836 ng/ul

RT: 17.07 min Scan# 4593

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

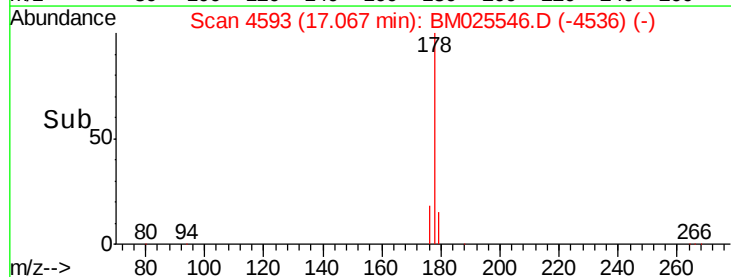
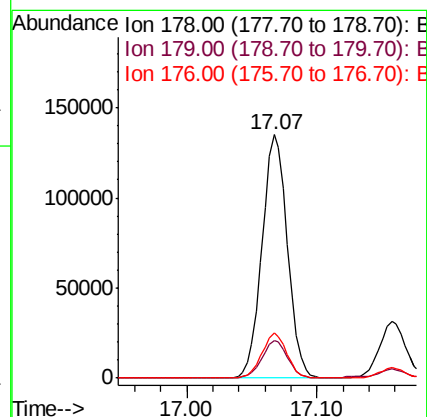
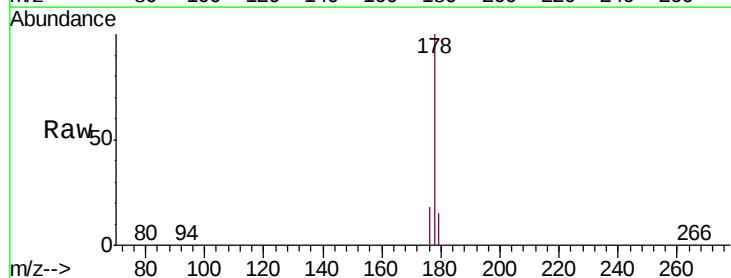
Tgt Ion:178 Resp: 183795

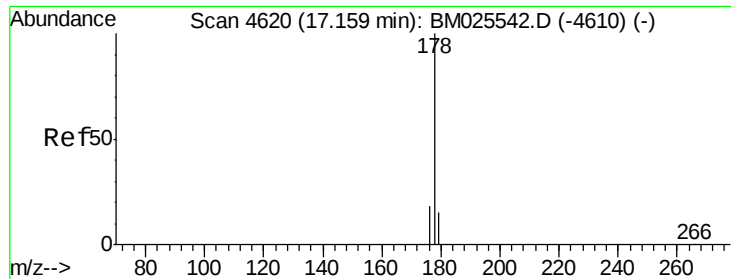
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.3 14.8 22.2





#13

Anthracene

Concen: 0.760 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

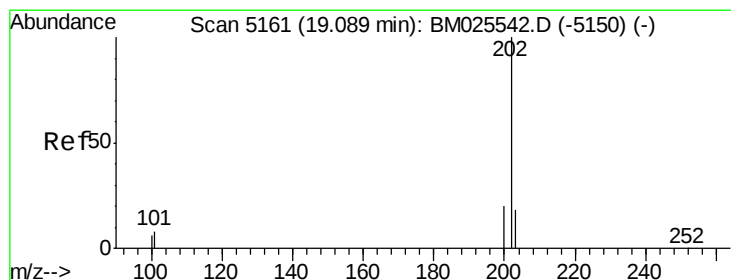
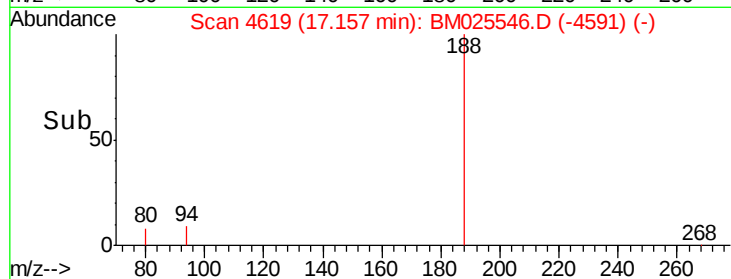
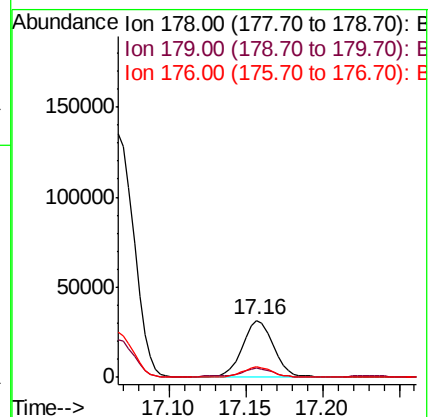
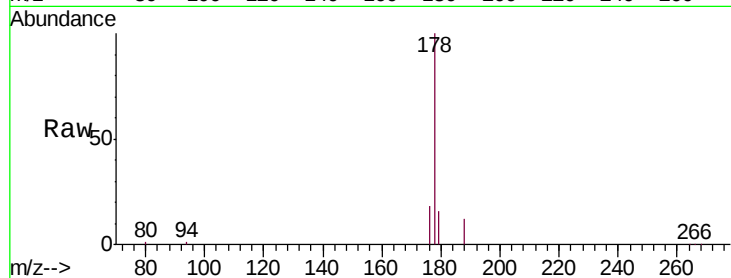
Tgt Ion:178 Resp: 42879

Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 18.0 14.5 21.7



#15

Fluoranthene

Concen: 2.900 ng/ul

RT: 19.09 min Scan# 5160

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

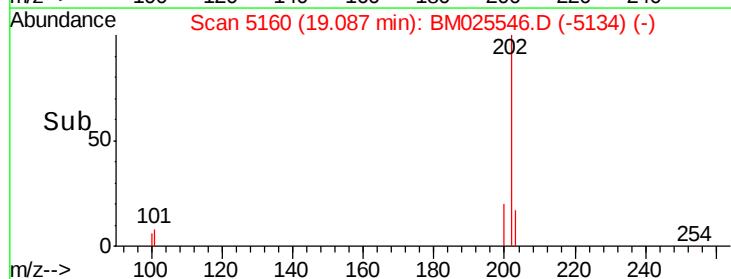
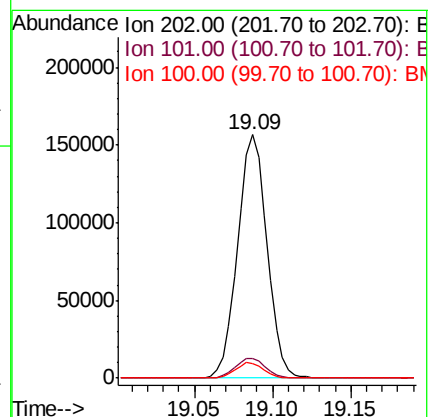
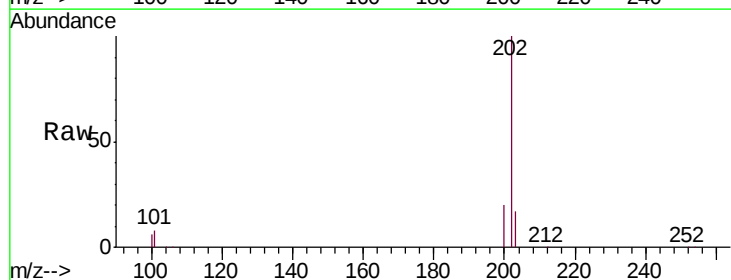
Tgt Ion:202 Resp: 203768

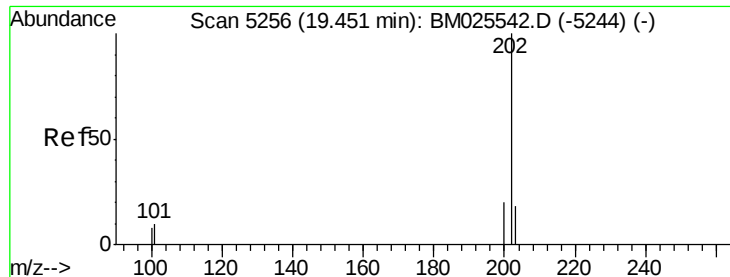
Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.5

100 6.2 0.0 26.0

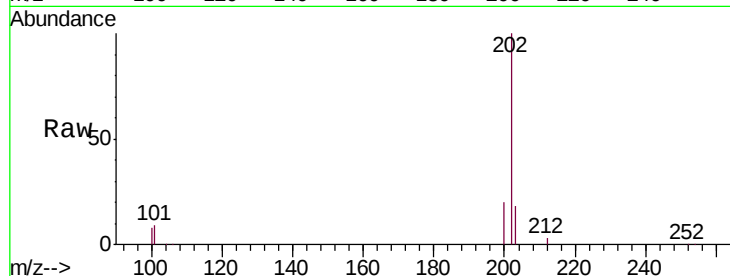




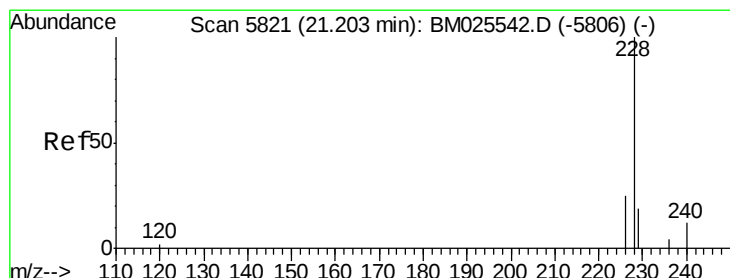
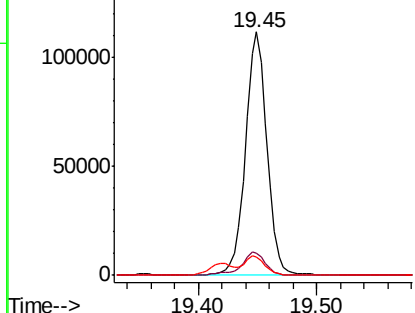
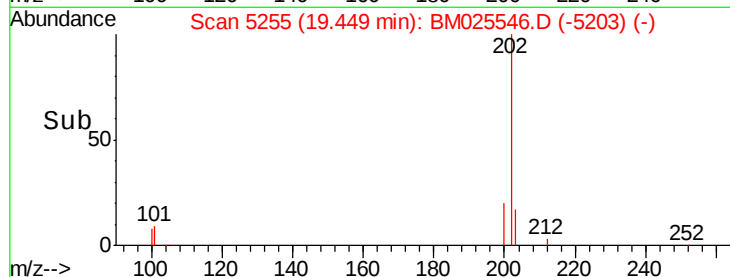
#17
 Pyrene
 Concen: 1.916 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.00 min
 Lab File: BM025546.D
 Acq: 13 Mar 2020 18:11

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.7	6.0	9.0

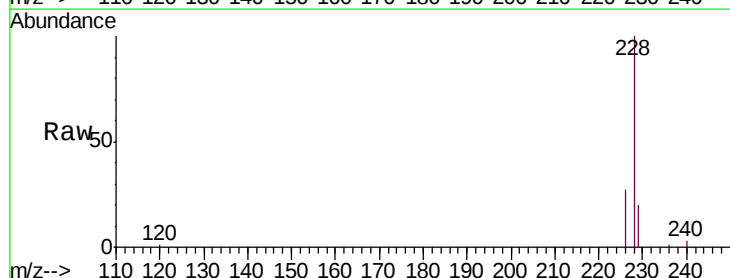


Abundance Ion 202.00 (201.70 to 202.70): E
 150000
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

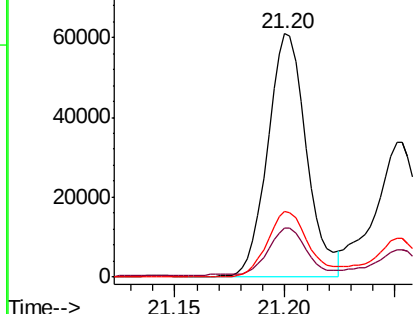
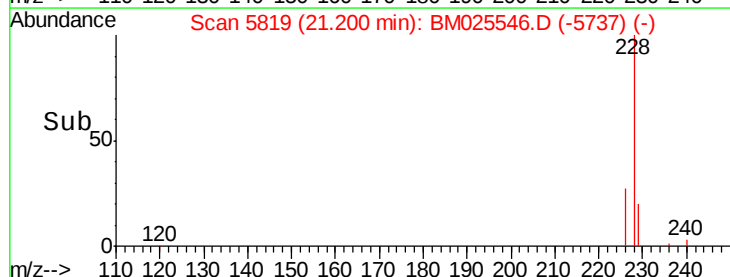


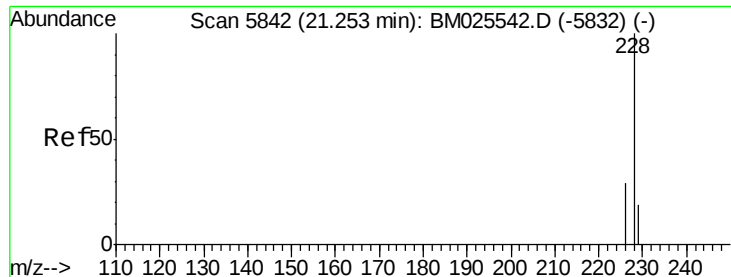
#18
 Benzo(a)anthracene
 Concen: 1.265 ng/ul
 RT: 21.20 min Scan# 5819
 Delta R.T. -0.00 min
 Lab File: BM025546.D
 Acq: 13 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.8	21.1	31.7



Abundance Ion 228.00 (227.70 to 228.70): E
 80000
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.717 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

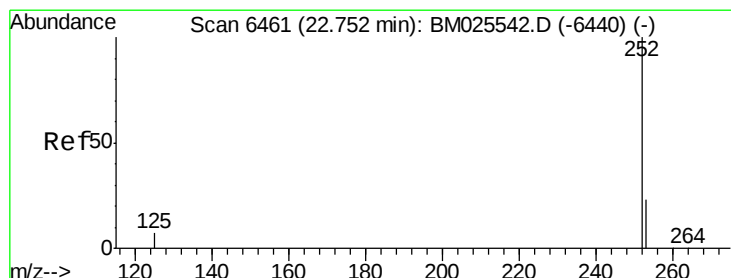
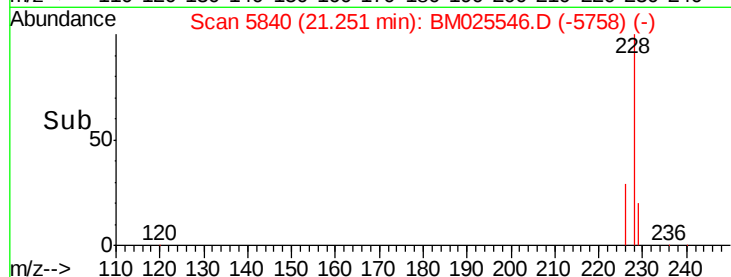
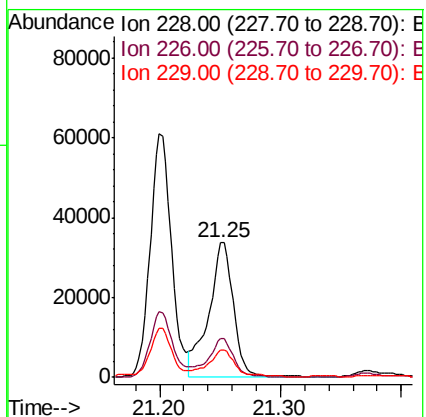
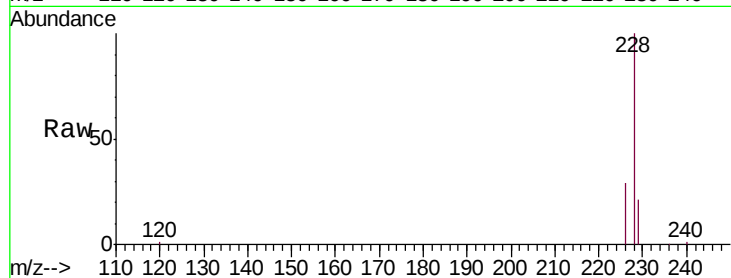
Tgt Ion:228 Resp: 47232

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

229 20.7 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 1.276 ng/ul

RT: 22.75 min Scan# 6461

Delta R.T. 0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

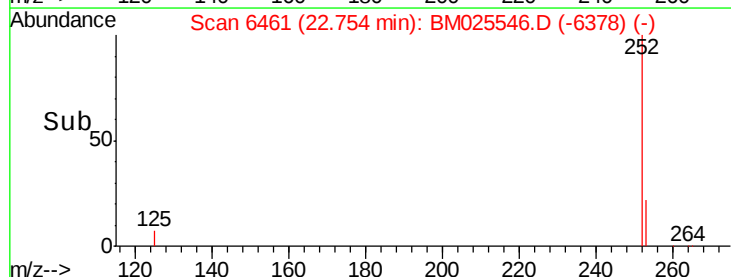
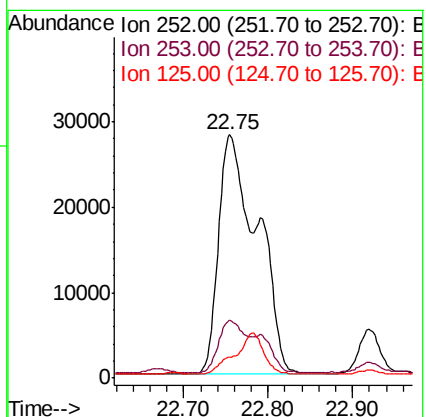
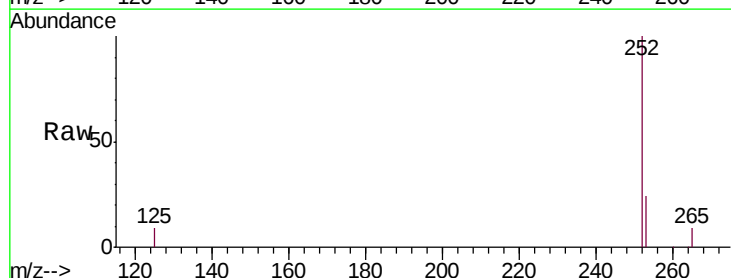
Tgt Ion:252 Resp: 89816

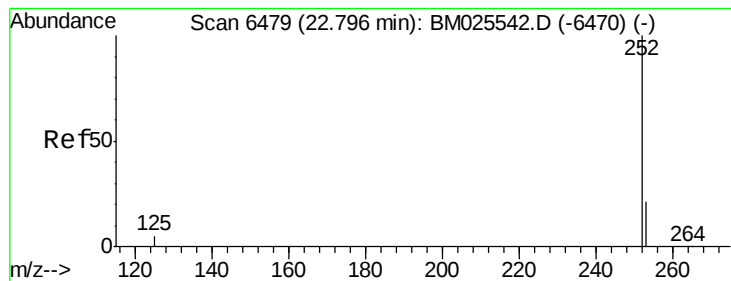
Ion Ratio Lower Upper

252 100

253 24.0 0.0 50.2

125 8.8 0.0 17.6





#22

Benzo(k)fluoranthene

Concen: 1.218 ng/ul

RT: 22.75 min Scan# 6461

Delta R.T. -0.04 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

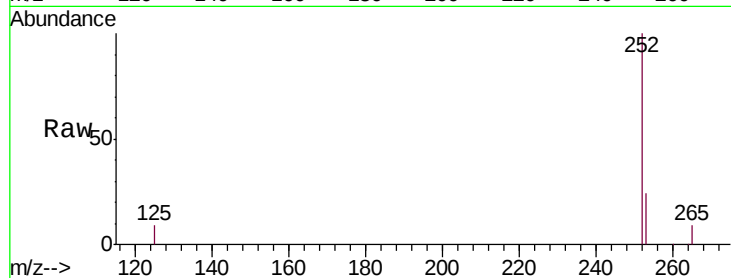
Tgt Ion:252 Resp: 89816

Ion Ratio Lower Upper

252 100

253 24.0 19.8 29.8

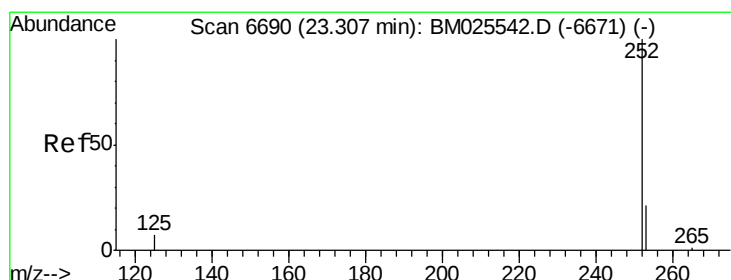
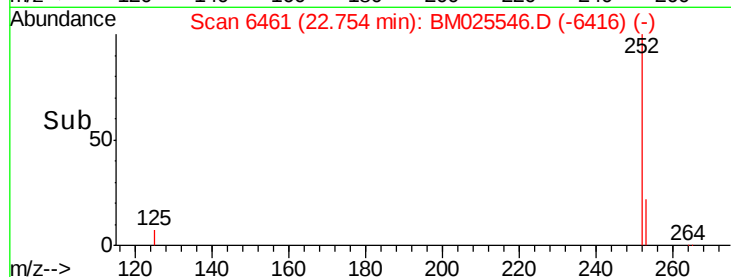
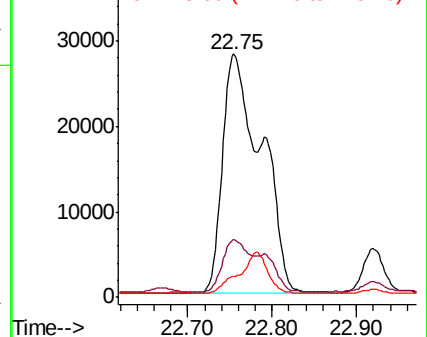
125 8.8 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.784 ng/ul

RT: 23.31 min Scan# 6689

Delta R.T. -0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

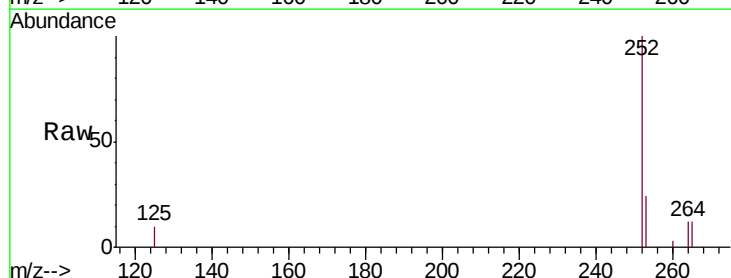
Tgt Ion:252 Resp: 45842

Ion Ratio Lower Upper

252 100

253 24.1 21.3 31.9

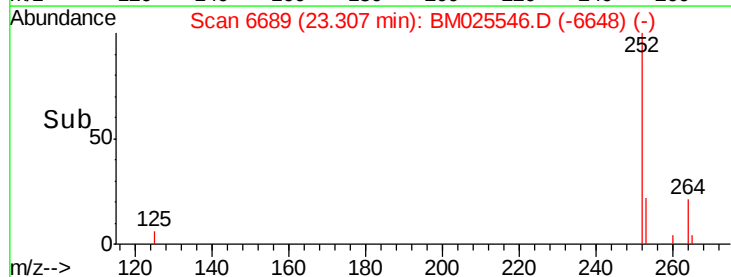
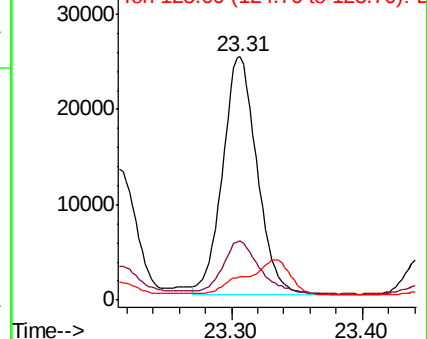
125 9.8 8.5 12.7

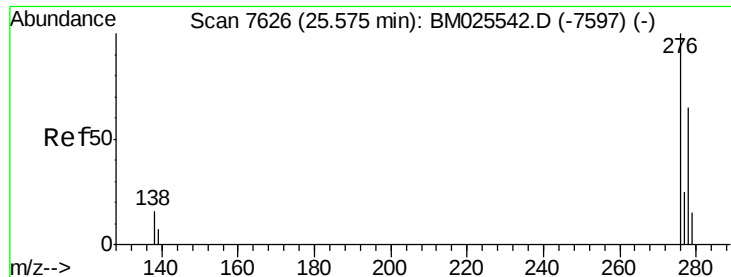


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



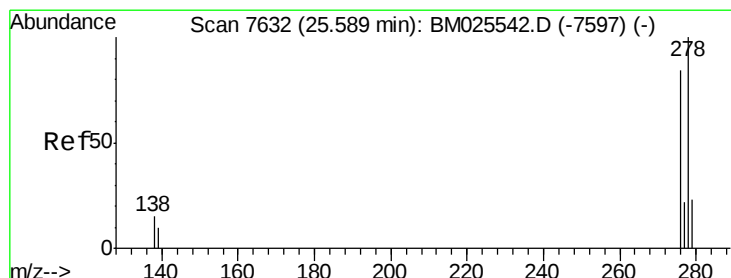
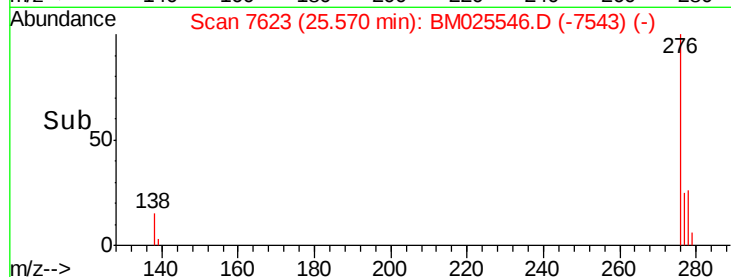
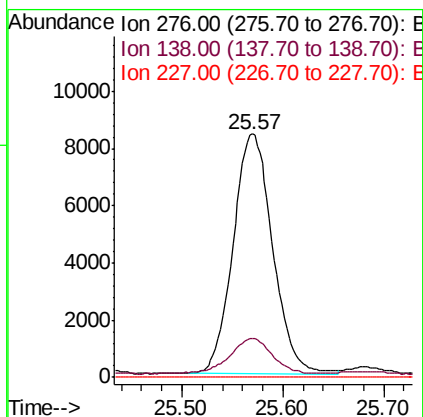
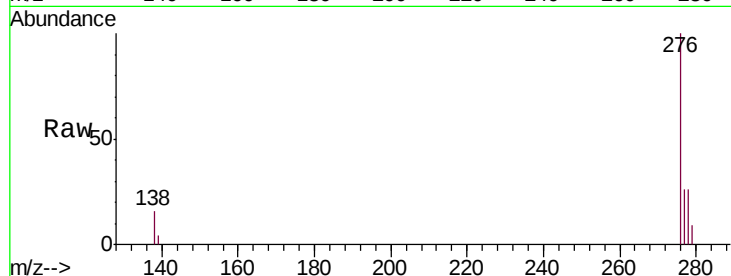


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 25.57 min Scan# 7623
Delta R.T. -0.01 min
Lab File: BM025546.D
Acq: 13 Mar 2020 18:11

Instrument :
BNA_M
ClientSampleId :
C0AA4

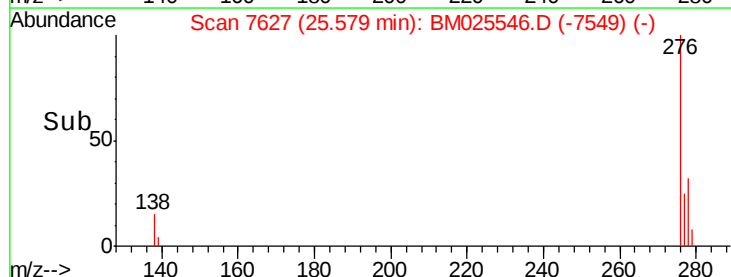
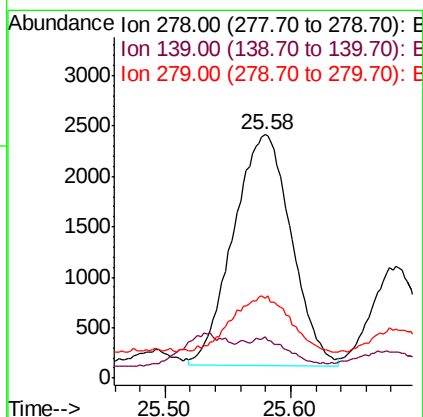
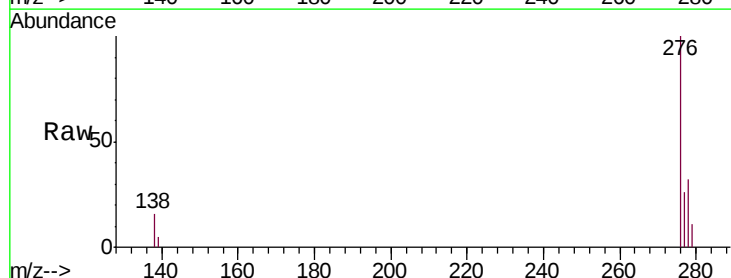
Tgt Ion:276 Resp: 22776
Ion Ratio Lower Upper
276 100
138 16.0 12.3 18.5
227 0.0 0.0 0.0

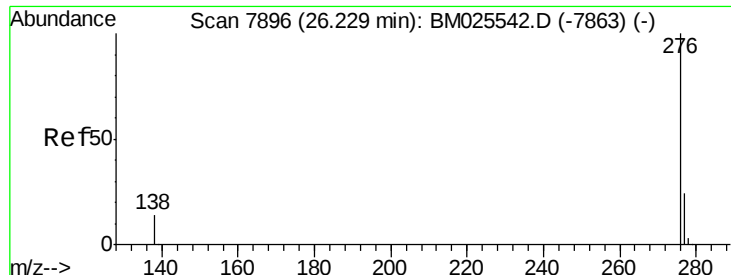


#25

Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.01 min
Lab File: BM025546.D
Acq: 13 Mar 2020 18:11

Tgt Ion:278 Resp: 7323
Ion Ratio Lower Upper
278 100
139 16.9 9.0 13.6#
279 32.8 21.1 31.7#





#26

Benzo(g,h,i)perylene

Concen: 0.194 ng/ul

RT: 26.23 min Scan# 7897

Delta R.T. 0.00 min

Lab File: BM025546.D

Acq: 13 Mar 2020 18:11

Instrument :

BNA_M

ClientSampleId :

C0AA4

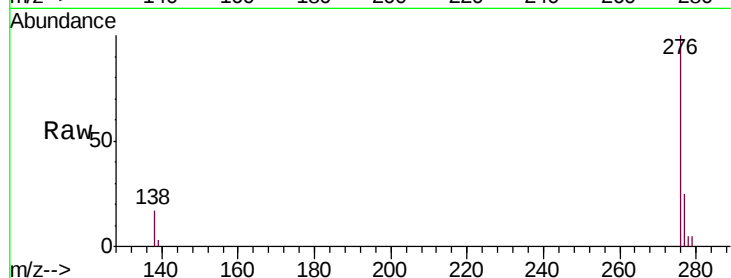
Tgt Ion: 276 Resp: 13343

Ion Ratio Lower Upper

276 100

138 16.6 11.0 16.4#

277 25.1 19.8 29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

