

Data File : BM010546.D
Acq On : 12 Jun 2017 21:45
Operator : SJ/MA
Sample : I3558-16DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 13 03:34:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	109126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	408402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	285311	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	777202	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1158279	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1209084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	1304	0.49	ng/uL	0.00
5) Phenol-d5	7.07	99	47185	5.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	28434	6.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	39804	6.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	39833	5.97	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	16936	5.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	22962	6.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	49010	6.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	47073	6.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	178604	7.53	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	179248	6.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	10802	3.05	ng/ul	0.00
57) Fluorene-d10	15.52	176	154803	7.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	23887	4.34	ng/ul	0.00
70) Anthracene-d10	17.37	188	268152	7.09	ng/ul	0.00
76) Pyrene-d10	19.66	212	346059	7.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	389149	6.91	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.74	128	725180	35.40	ng/ul	98
30) 4-Chloroaniline	10.74	127	101992	15.39	ng/ul#	21
34) 2-Methylnaphthalene	12.35	142	145213	9.35	ng/ul	97
40) 1,1'-Biphenyl	13.36	154	42132	1.82	ng/ul#	94
44) Dimethylphthalate	13.99	163	78644	3.37	ng/ul#	98
49) Acenaphthene	14.59	153	119823	6.32	ng/ul	97
53) Dibenzofuran	14.92	168	158083	5.64	ng/ul	98
58) Fluorene	15.57	166	153457	6.68	ng/ul	96
69) Phenanthrene	17.32	178	723470	17.44	ng/ul	99
71) Anthracene	17.40	178	200113	4.62	ng/ul	97
72) Carbazole	17.69	167	183737	5.01	ng/ul	98
74) Fluoranthene	19.32	202	490227	9.61	ng/ul#	94
77) Pyrene	19.69	202	342020	5.73	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	113197	1.73	ng/ul	96
82) Chrysene	21.47	228	82047	1.39	ng/ul	99

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

Data File : BM010546.D

Acq On : 12 Jun 2017 21:45

Operator : SJ/MA

Sample : I3558-16DL 5X

Misc :

ALS Vial : 20 Sample Multiplier: 1

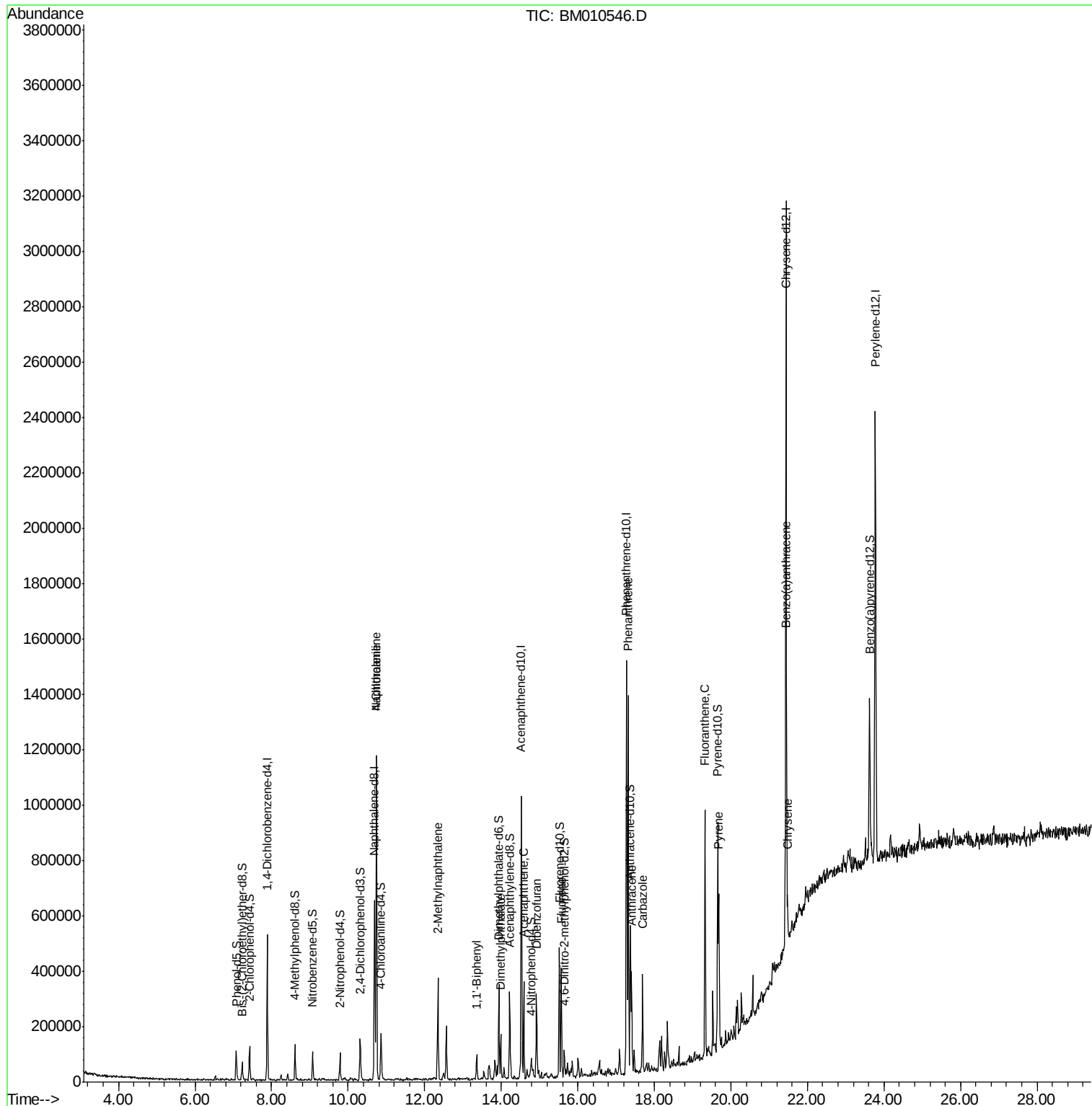
Quant Time: Jun 13 03:34:39 2017

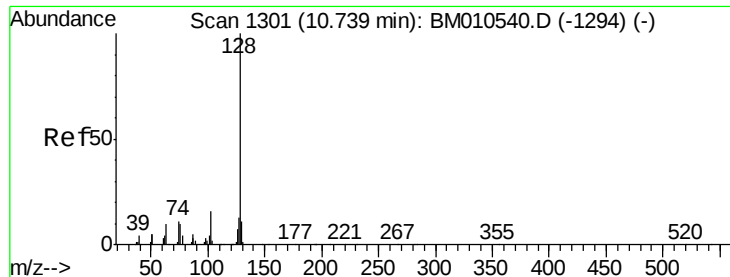
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 13 03:33:28 2017

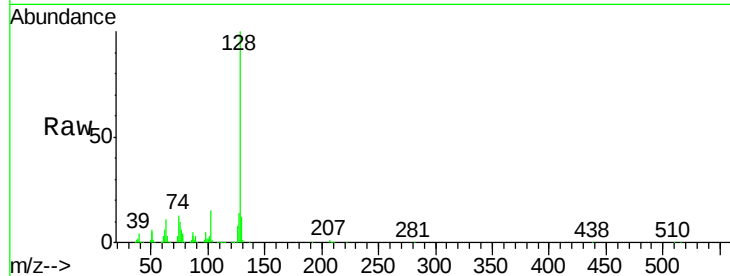
Response via : Initial Calibration



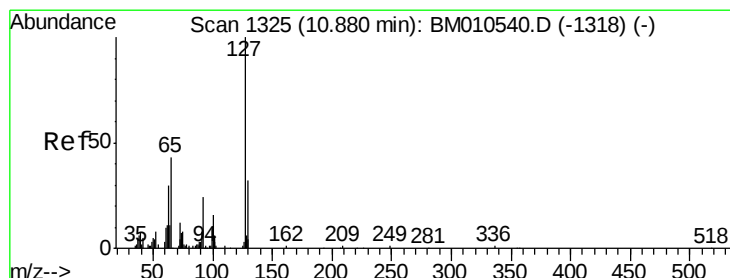
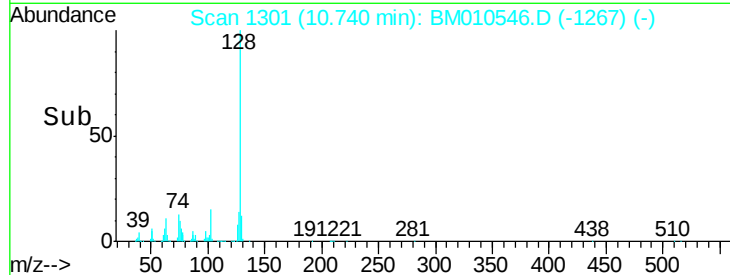
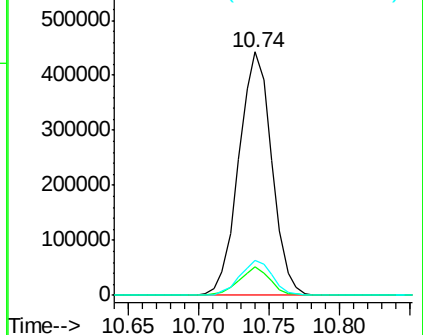


#28
Naphthalene
Concen: 35.40 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM010546.D
Acq: 12 Jun 2017 21:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.2	10.6	16.0

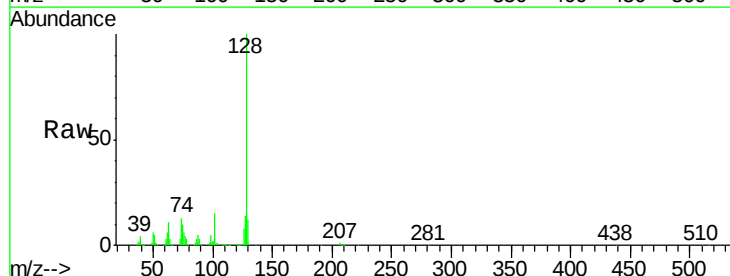


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

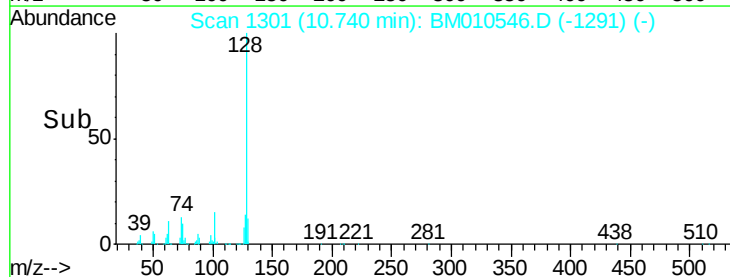
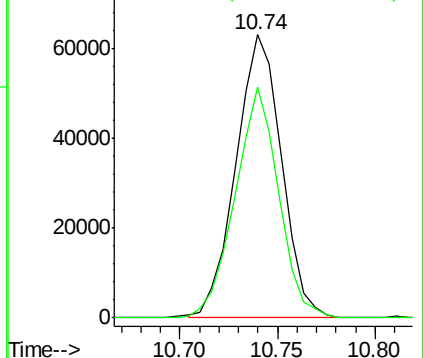


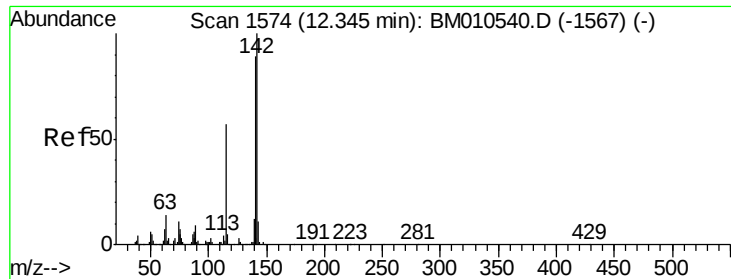
#30
4-Chloroaniline
Concen: 15.39 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. -0.14 min
Lab File: BM010546.D
Acq: 12 Jun 2017 21:45

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.7	28.4	42.6



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 9.35 ng/ul

RT: 12.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM010546.D

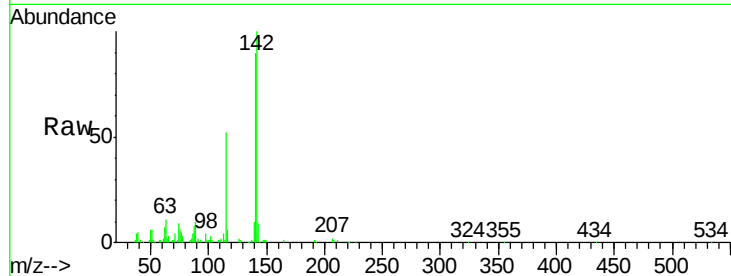
Acq: 12 Jun 2017 21:45

Tgt Ion:142 Resp: 145213

Ion Ratio Lower Upper

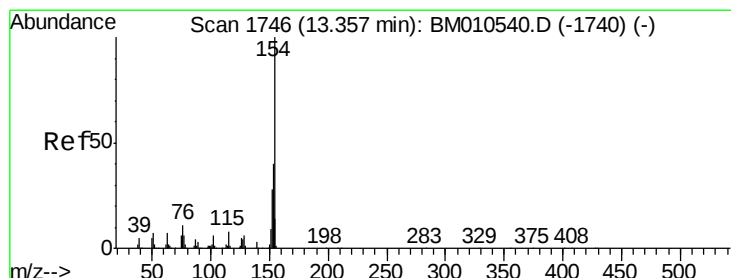
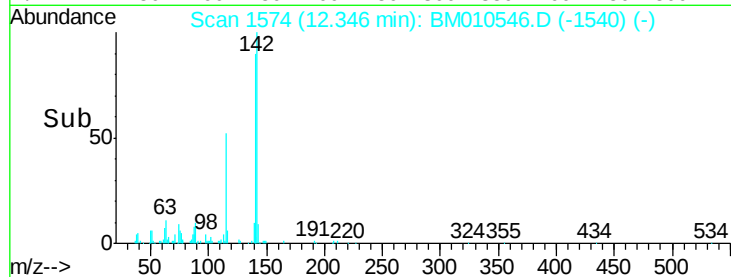
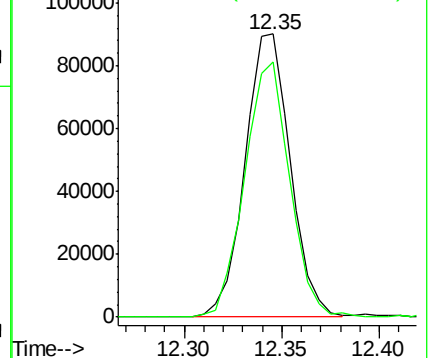
142 100

141 90.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 1.82 ng/ul

RT: 13.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

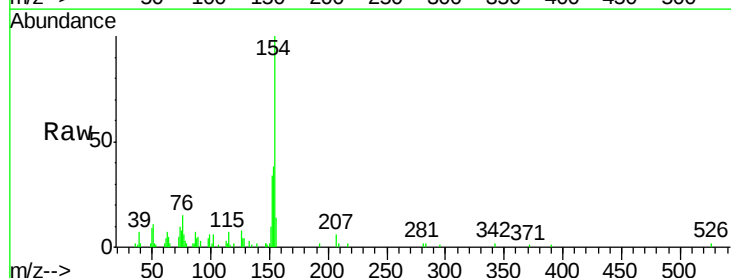
Tgt Ion:154 Resp: 42132

Ion Ratio Lower Upper

154 100

153 37.5 32.6 48.8

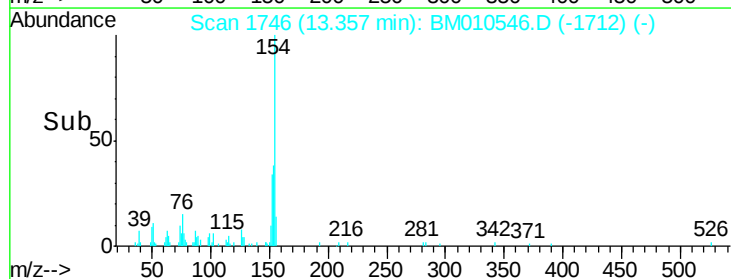
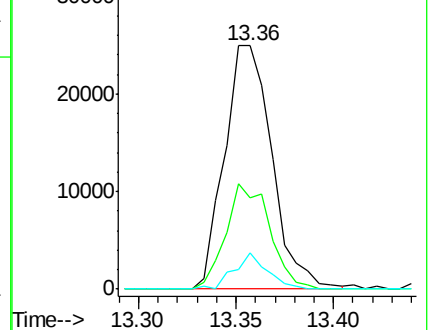
76 15.0 8.5 12.7#

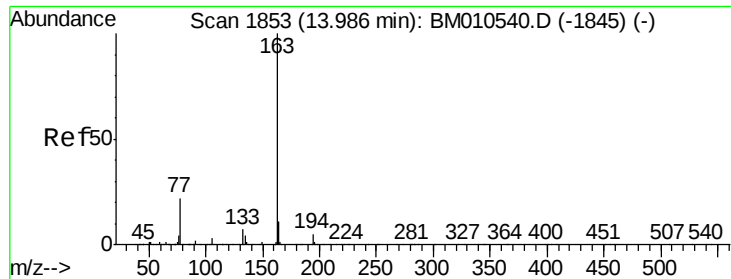


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

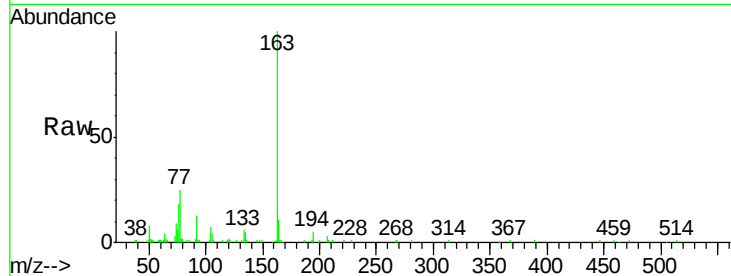
Ion 76.00 (75.70 to 76.70): BM0



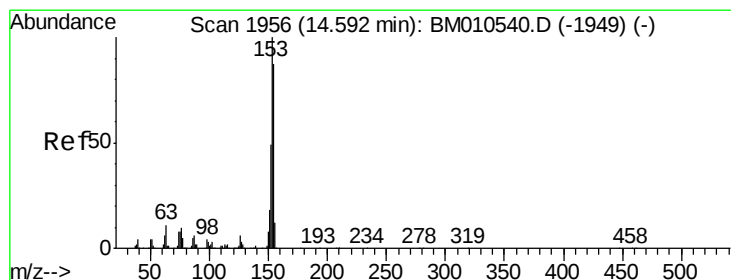
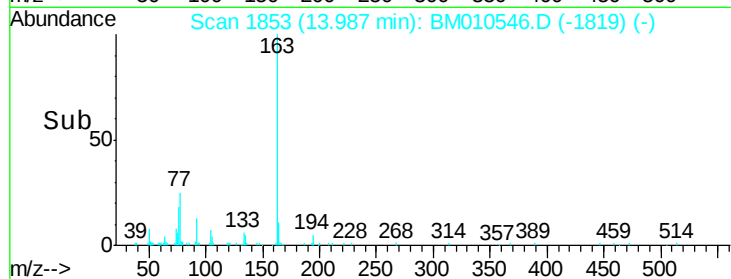
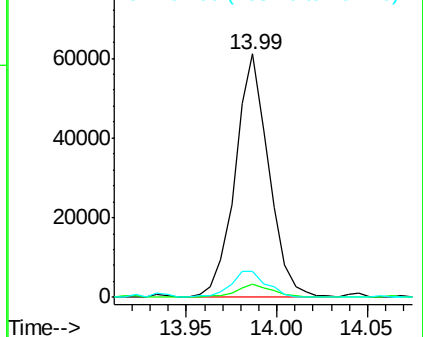


#44
Dimethylphthalate
Concen: 3.37 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010546.D
Acq: 12 Jun 2017 21:45

Tgt Ion:163 Resp: 78644
Ion Ratio Lower Upper
163 100
194 5.4 3.5 5.3#
164 10.7 8.2 12.4

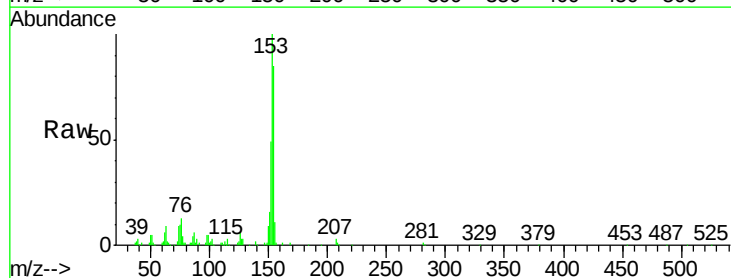


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

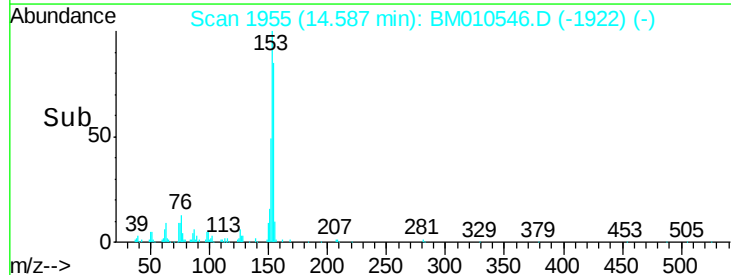
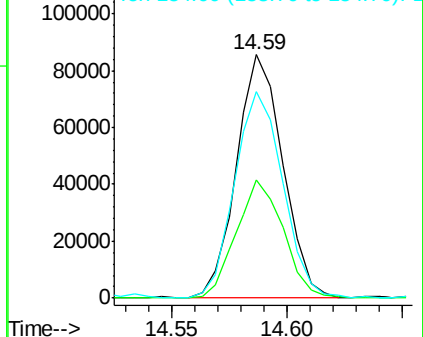


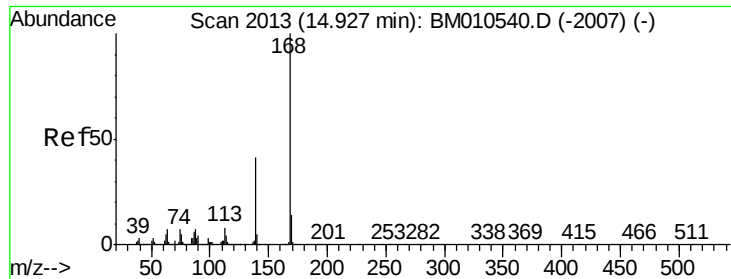
#49
Acenaphthene
Concen: 6.32 ng/ul
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM010546.D
Acq: 12 Jun 2017 21:45

Tgt Ion:153 Resp: 119823
Ion Ratio Lower Upper
153 100
152 48.6 37.6 56.4
154 84.9 70.4 105.6



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





#53

Dibenzenofuran

Concen: 5.64 ng/ul

RT: 14.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM010546.D

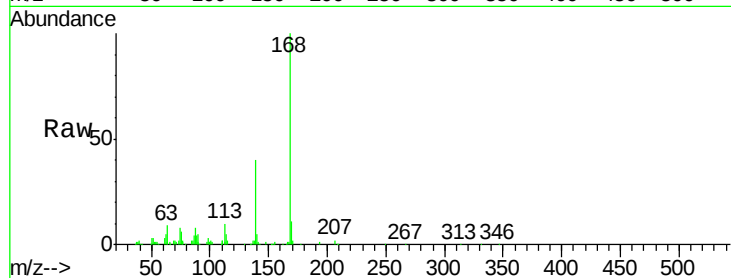
Acq: 12 Jun 2017 21:45

Tgt Ion:168 Resp: 158083

Ion Ratio Lower Upper

168 100

139 40.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

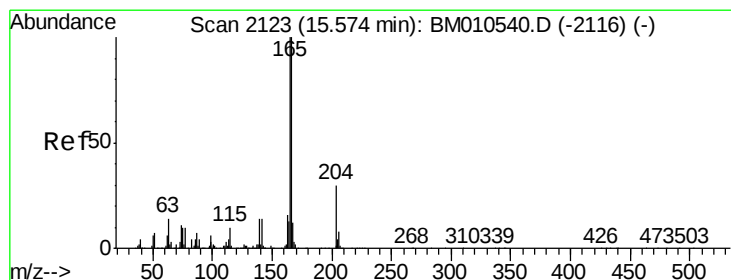
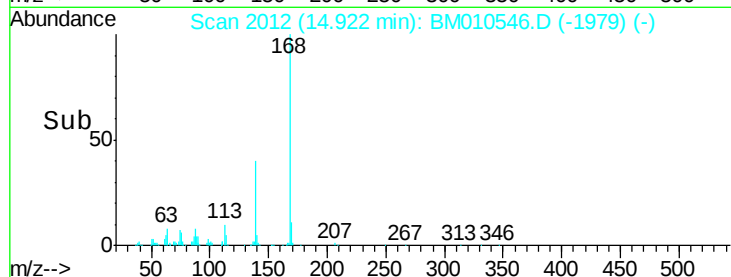
40000

20000

0

14.90 14.92 14.94 14.96

Time-->



#58

Fluorene

Concen: 6.68 ng/ul

RT: 15.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

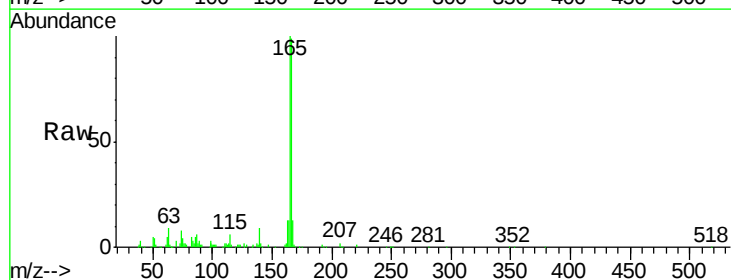
Tgt Ion:166 Resp: 153457

Ion Ratio Lower Upper

166 100

165 101.5 77.9 116.9

167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

150000

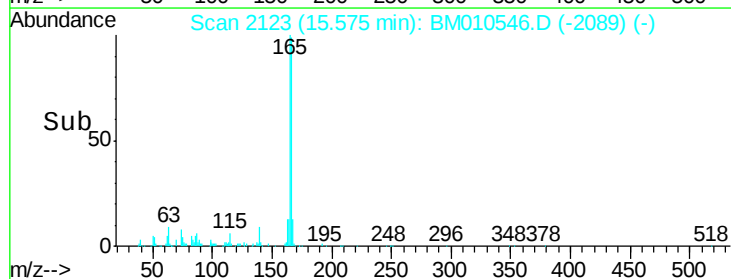
100000

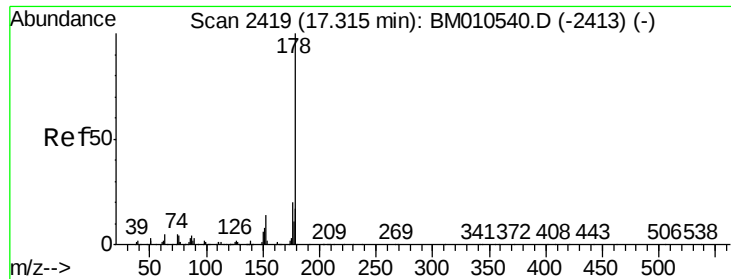
50000

0

15.50 15.55 15.60

Time-->





#69

Phenanthrene

Concen: 17.44 ng/ul

RT: 17.32 min Scan# 2419

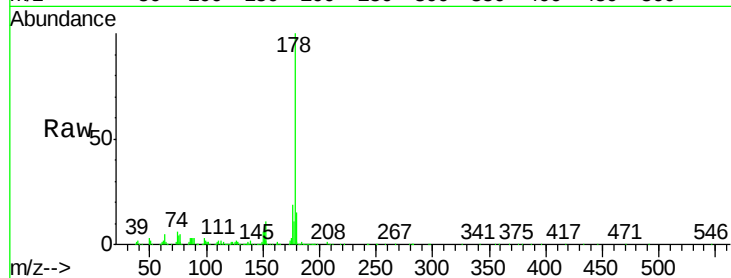
Delta R.T. 0.00 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

Tgt Ion:178 Resp: 723470

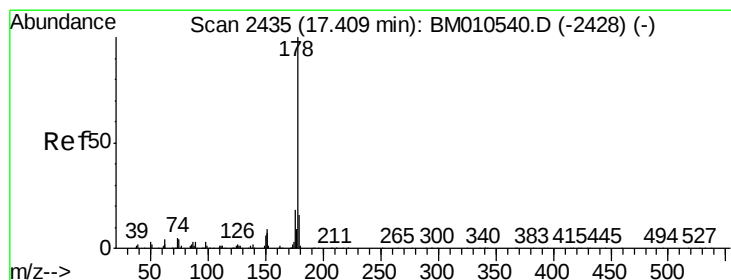
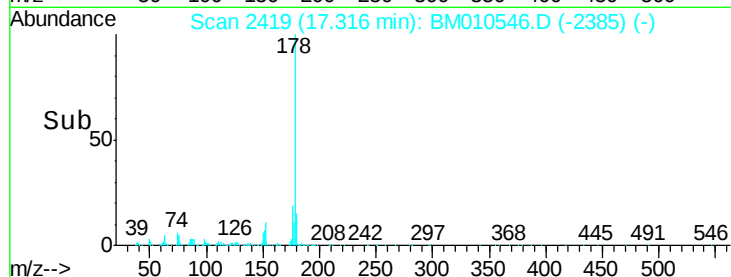
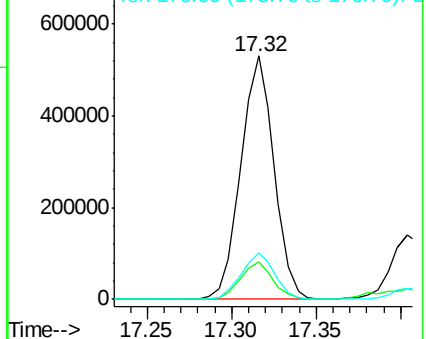
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.2	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 4.62 ng/ul

RT: 17.40 min Scan# 2434

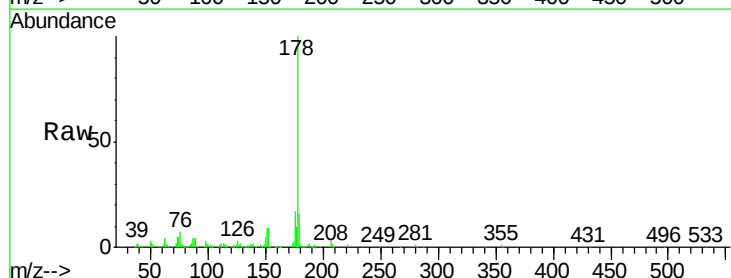
Delta R.T. -0.01 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

Tgt Ion:178 Resp: 200113

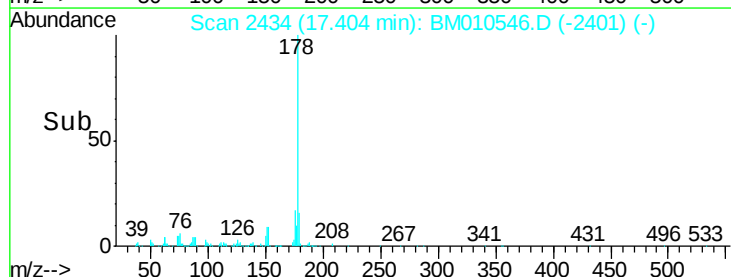
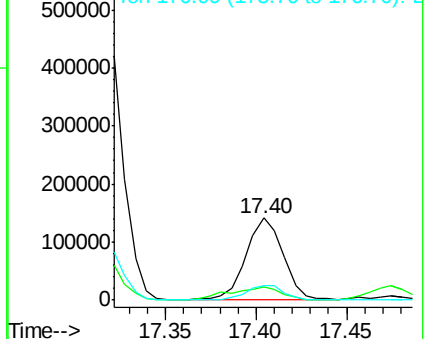
Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	17.0	14.6	21.8

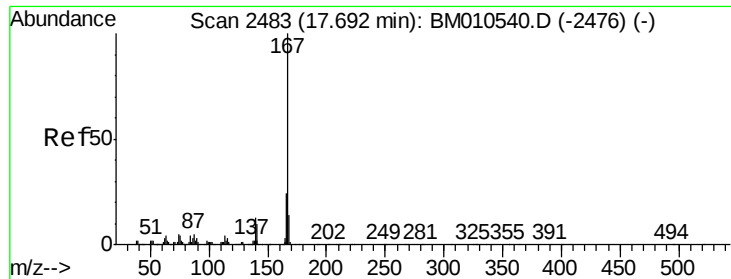


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 5.01 ng/ul

RT: 17.69 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

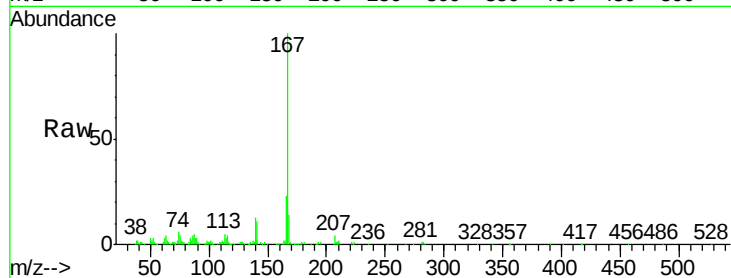
Tgt Ion:167 Resp: 183737

Ion Ratio Lower Upper

167 100

166 22.9 17.1 25.7

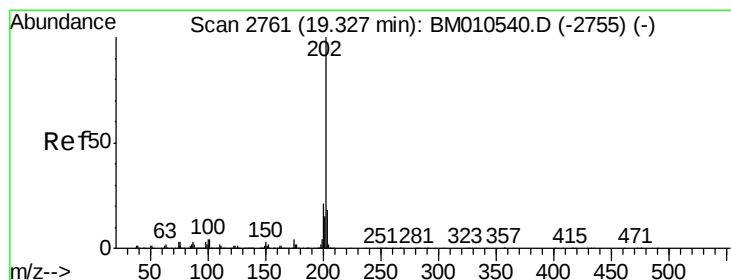
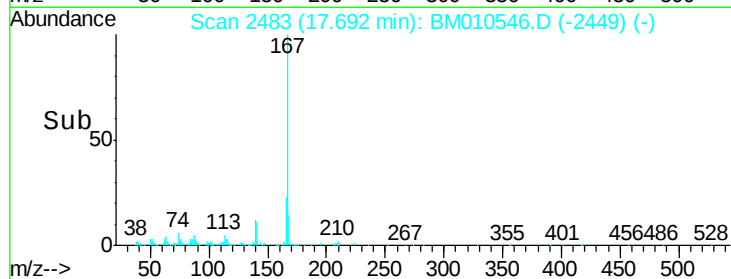
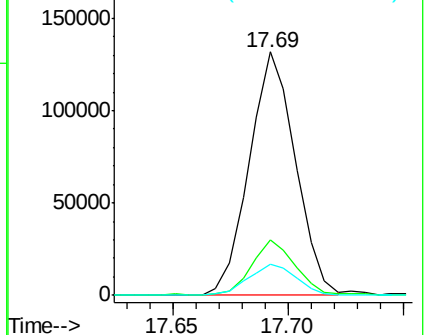
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 9.61 ng/ul

RT: 19.32 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

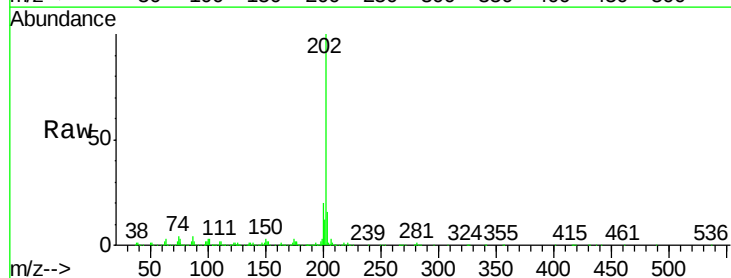
Tgt Ion:202 Resp: 490227

Ion Ratio Lower Upper

202 100

101 3.5 4.6 7.0#

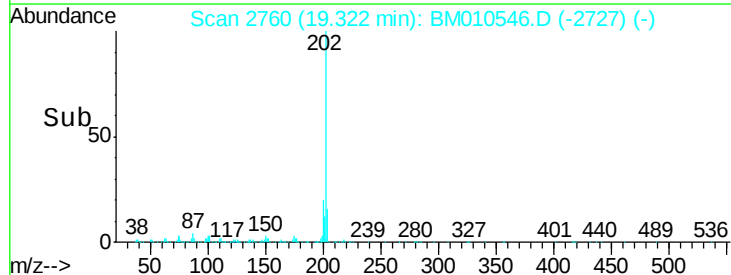
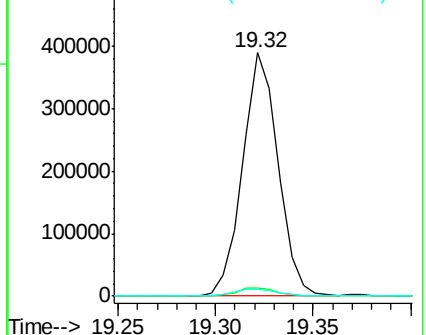
100 2.7 3.4 5.2#

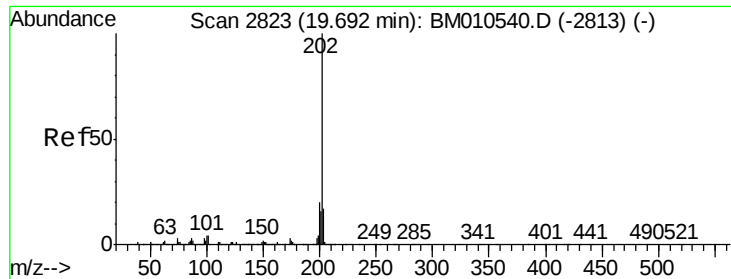


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 5.73 ng/ul

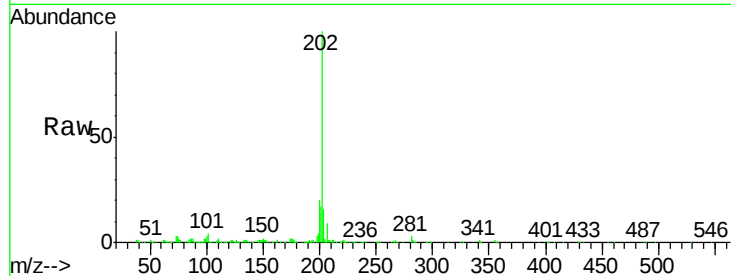
RT: 19.69 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

Tgt Ion:	202	Resp:	342020
Ion	Ratio	Lower	Upper
202	100		
101	4.4	5.1	7.7#
100	3.4	4.9	7.3#

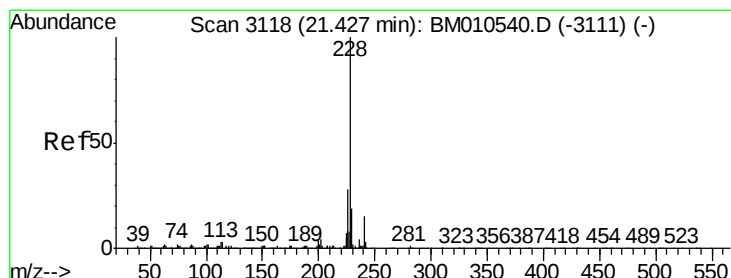
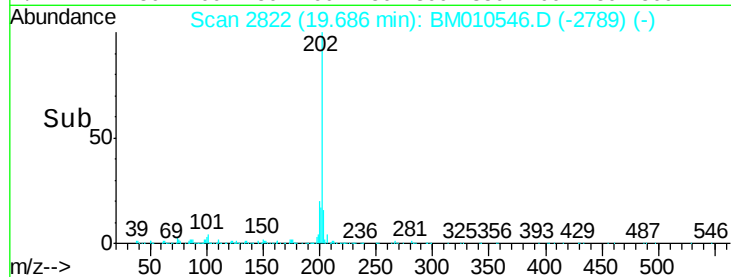
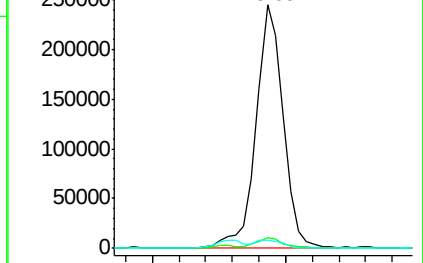


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.69



#80

Benzo(a)anthracene

Concen: 1.73 ng/ul

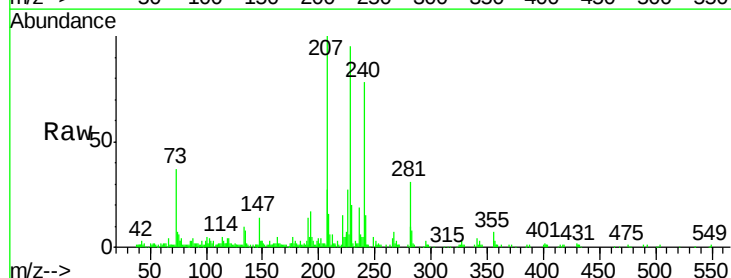
RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

Tgt Ion:	228	Resp:	113197
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	28.5	21.4	32.0

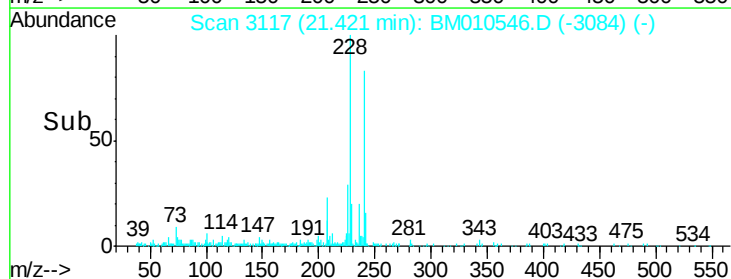
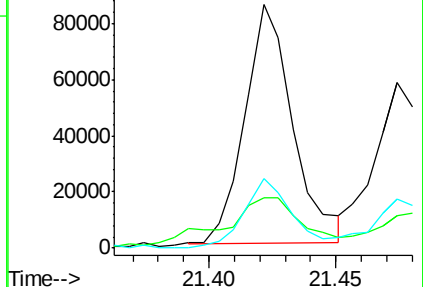


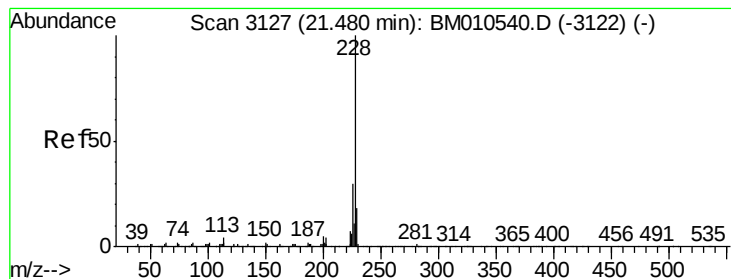
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.42





#82

Chrysene

Concen: 1.39 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM010546.D

Acq: 12 Jun 2017 21:45

Tgt Ion: 228 Resp: 82047

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 19.9 15.5 23.3

