

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010523.D
 Acq On : 11 Jun 2017 13:46
 Operator : SJ/MA
 Sample : I3522-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D30

Quant Time: Jun 12 09:10:19 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	147687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	536784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	384223	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1015434	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1639899	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1675178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	6338	1.76	ng/uL	0.00
5) Phenol-d5	7.07	99	150836	13.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	84258	13.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	132334	14.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	131861	14.60	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	65340	16.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	79865	17.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	173464	18.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	164826	18.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	597898	18.73	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	631801	16.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	67839	14.20	ng/ul	0.00
57) Fluorene-d10	15.52	176	504310	17.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	104061	14.47	ng/ul	0.00
70) Anthracene-d10	17.37	188	884849	17.91	ng/ul	0.00
76) Pyrene-d10	19.66	212	1208066	17.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1362785	17.47	ng/ul	0.00

Target Compounds

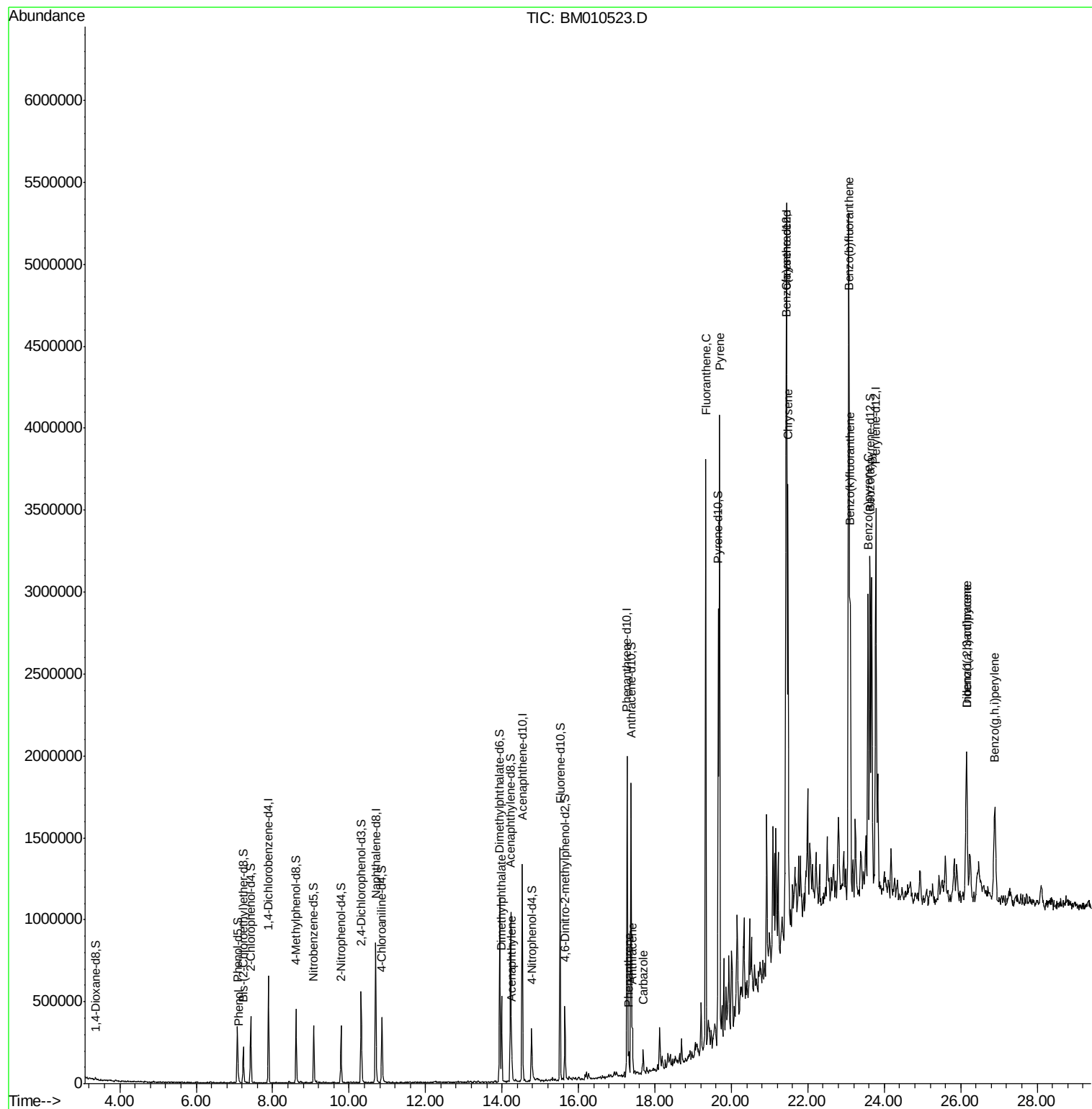
					Qvalue	
6) Phenol	7.10	94	14293	1.246	ng/ul	91
44) Dimethylphthalate	13.99	163	278981	8.886	ng/ul	98
47) Acenaphthylene	14.25	152	91612	2.517	ng/ul	99
69) Phenanthrene	17.32	178	75237	1.388	ng/ul	95
71) Anthracene	17.41	178	149677	2.645	ng/ul	96
72) Carbazole	17.69	167	54462	1.137	ng/ul#	94
74) Fluoranthene	19.33	202	1922117	28.834	ng/ul#	95
77) Pyrene	19.69	202	2143499	25.365	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	1355165	14.654	ng/ul	96
82) Chrysene	21.48	228	1201165	14.369	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	3376083	34.635	ng/ul	98
86) Benzo(k)fluoranthene	23.11	252	1134376	12.182	ng/ul	95
88) Benzo(a)pyrene	23.57	252	1357865	14.054	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.16	276	938549	7.689	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.16	278	250497	2.383	ng/ul#	89
91) Benzo(g,h,i)perylene	26.90	276	660467	6.567	ng/ul	98

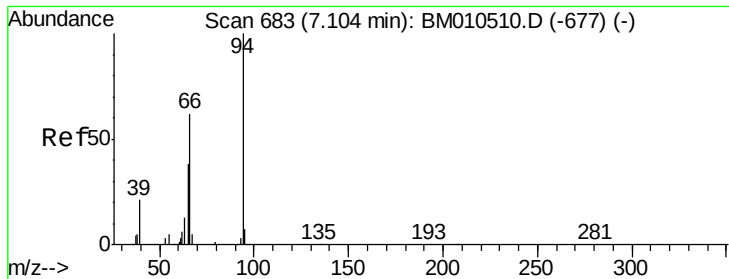
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010523.D
Acq On : 11 Jun 2017 13:46
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D30

Quant Time: Jun 12 09:10:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.246 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

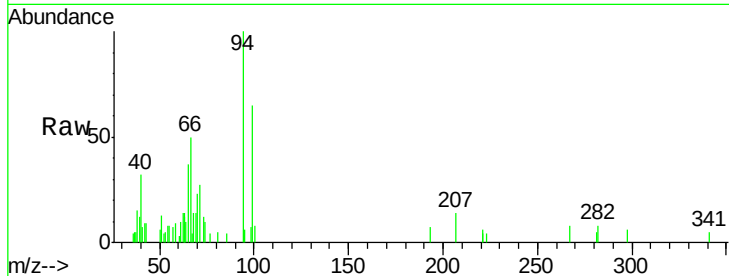
Tgt Ion: 94 Resp: 14293

Ion Ratio Lower Upper

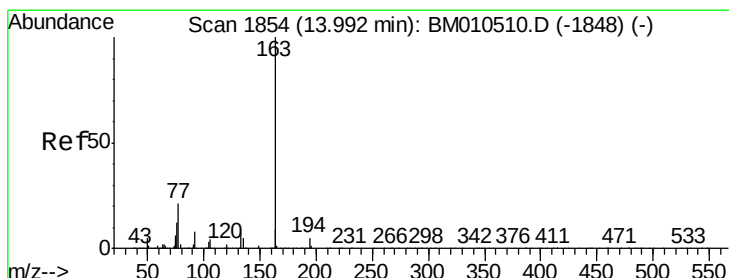
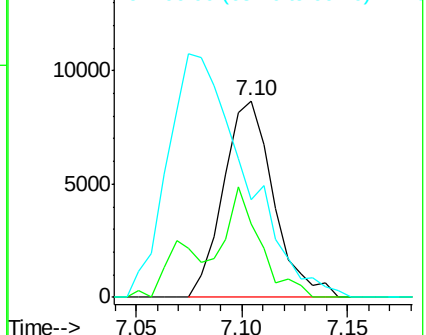
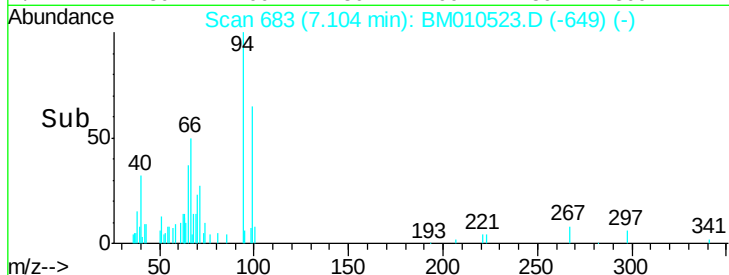
94 100

65 37.1 28.2 42.4

66 49.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010523.D (-649) (-)



#44

Dimethylphthalate

Concen: 8.886 ng/ul

RT: 13.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

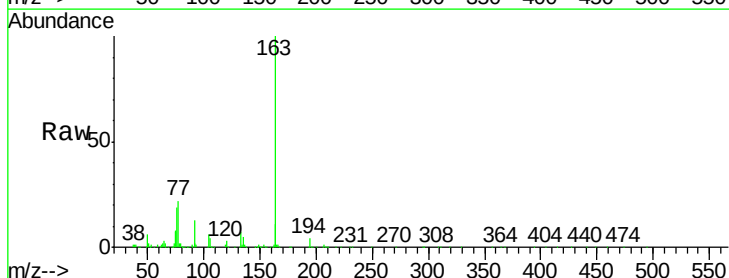
Tgt Ion: 163 Resp: 278981

Ion Ratio Lower Upper

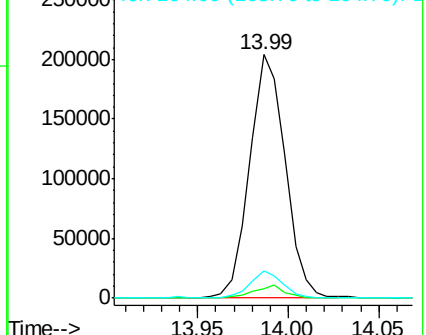
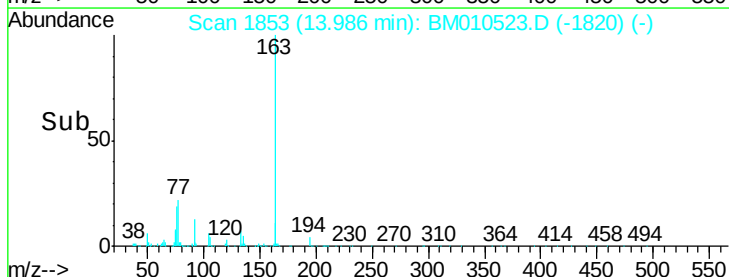
163 100

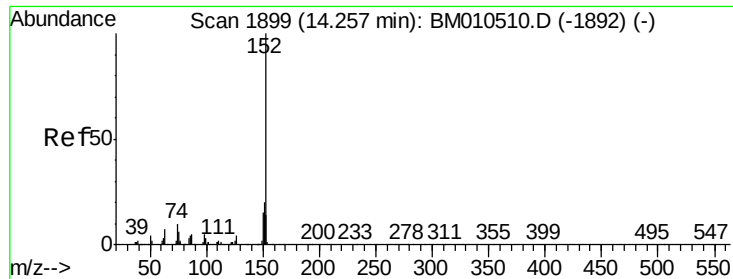
194 4.0 3.5 5.3

164 11.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM010523.D (-1820) (-)





#47

Acenaphthylene

Concen: 2.517 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

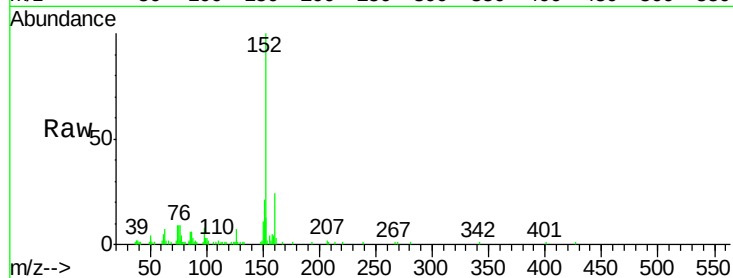
Tgt Ion:152 Resp: 91612

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

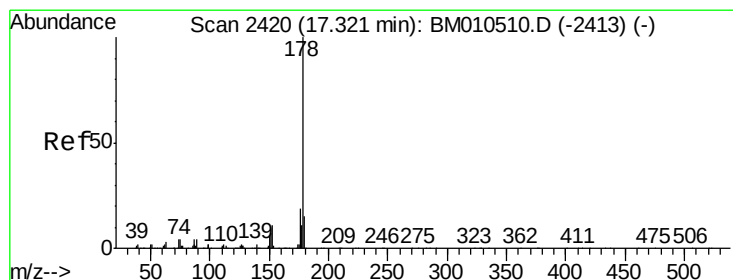
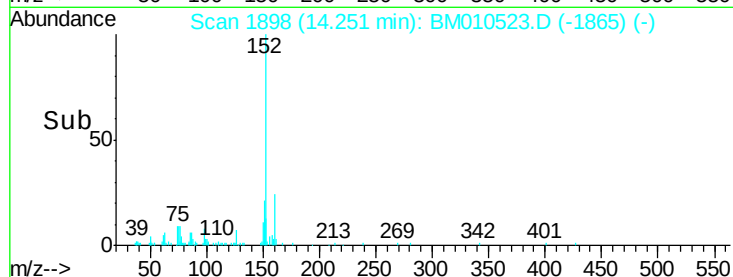
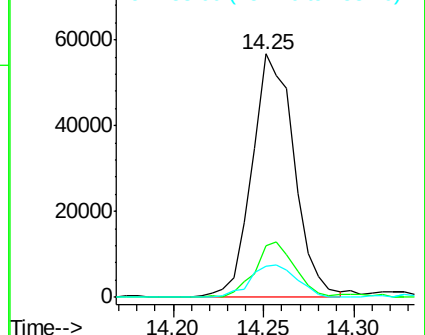
153 12.8 10.2 15.4



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



#69

Phenanthrene

Concen: 1.388 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

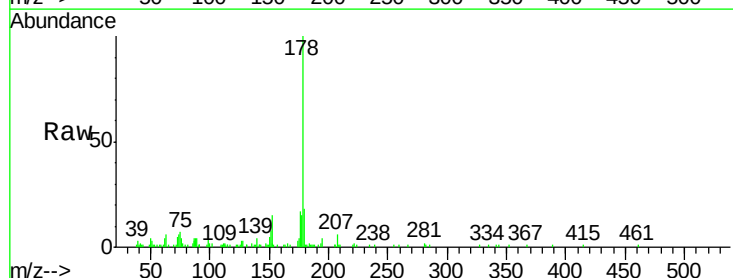
Tgt Ion:178 Resp: 75237

Ion Ratio Lower Upper

178 100

179 18.5 12.6 19.0

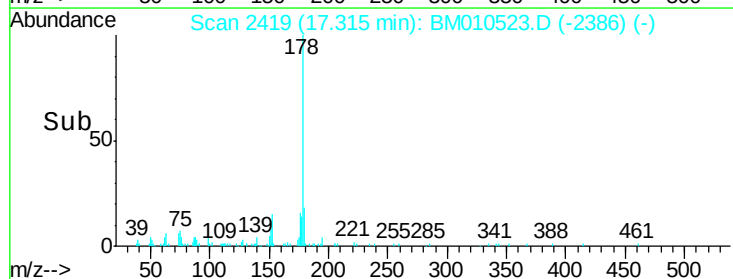
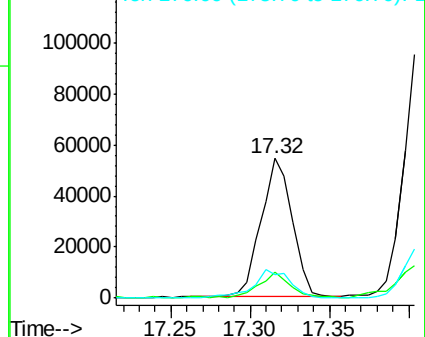
176 17.0 14.9 22.3

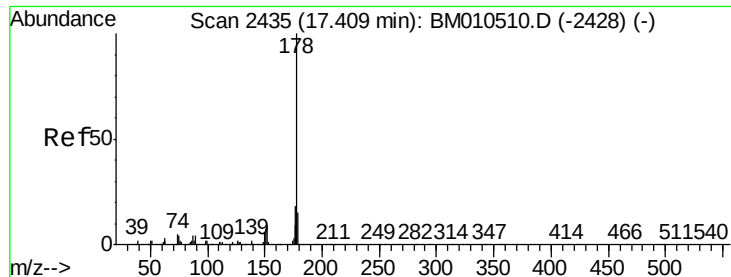


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.645 ng/ul

RT: 17.41 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

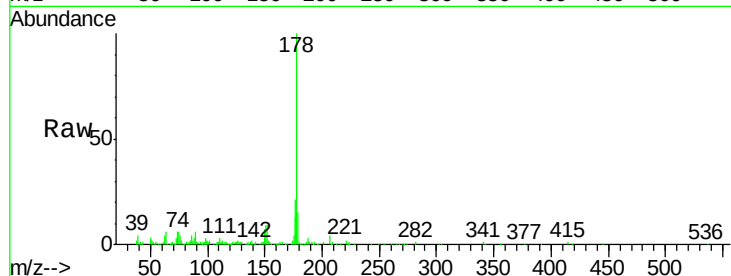
Tgt Ion:178 Resp: 149677

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

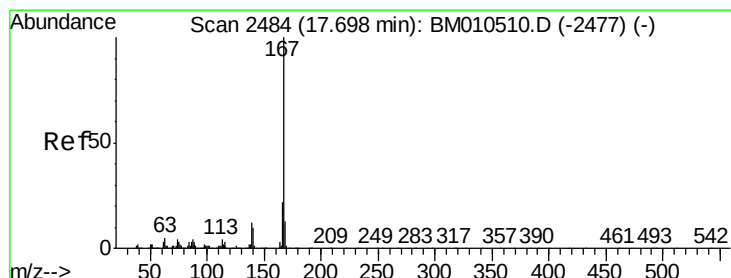
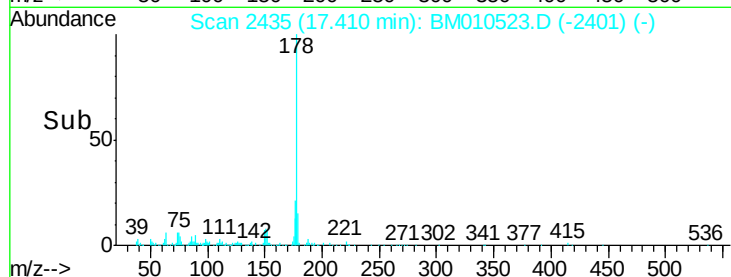
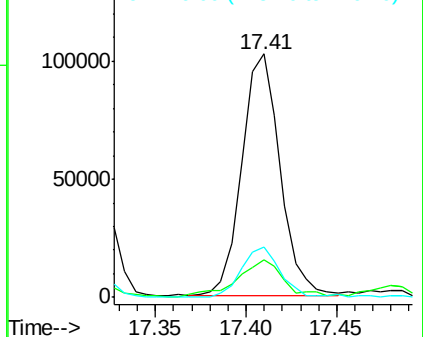
176 20.9 14.6 21.8



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: 1.137 ng/ul

RT: 17.69 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

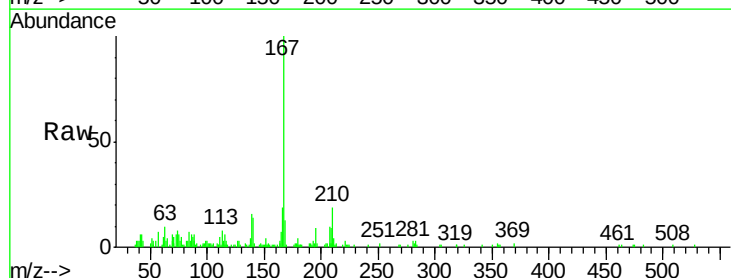
Tgt Ion:167 Resp: 54462

Ion Ratio Lower Upper

167 100

166 19.2 17.1 25.7

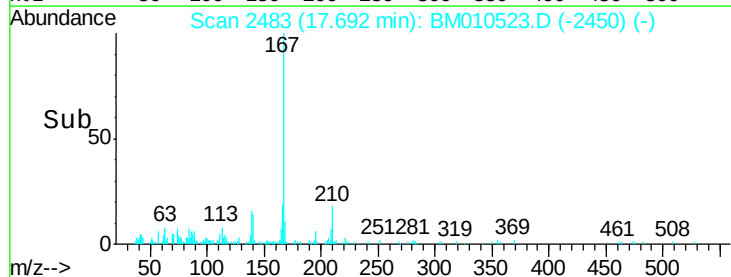
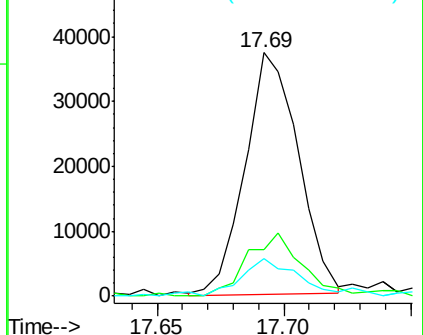
139 15.6 10.0 15.0#

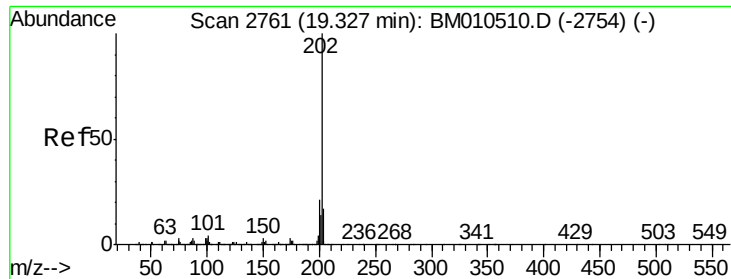


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 28.834 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

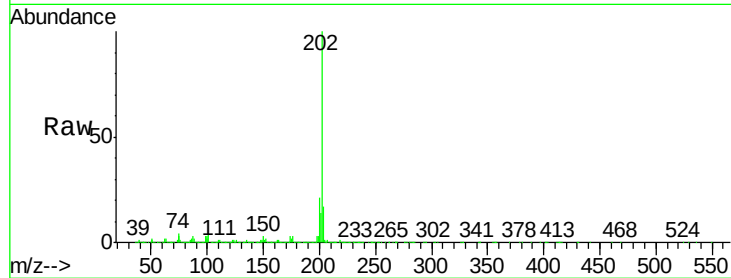
Tgt Ion:202 Resp: 1922117

Ion Ratio Lower Upper

202 100

101 3.6 4.6 7.0#

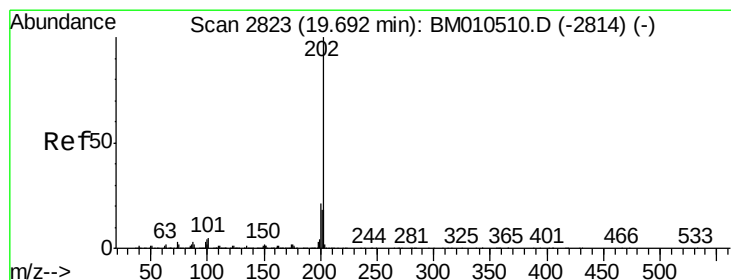
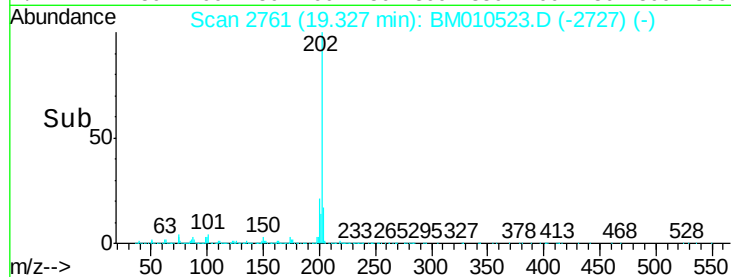
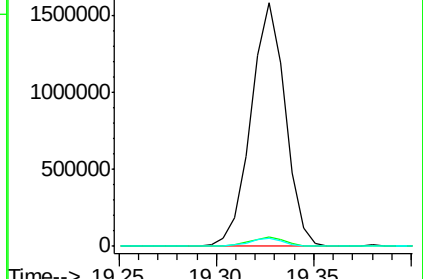
100 3.3 3.4 5.2#



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): B



#77

Pyrene

Concen: 25.365 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

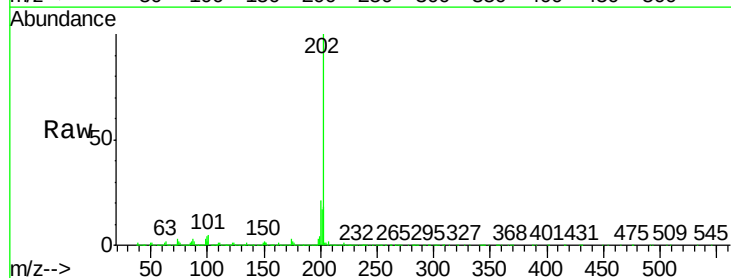
Tgt Ion:202 Resp: 2143499

Ion Ratio Lower Upper

202 100

101 4.6 5.1 7.7#

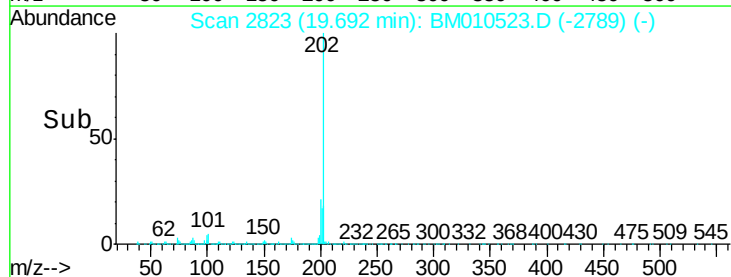
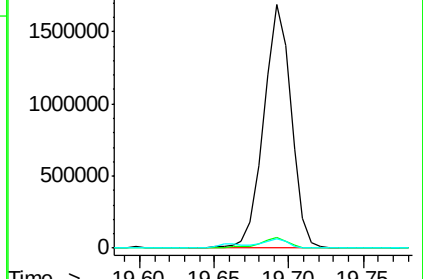
100 3.8 4.9 7.3#

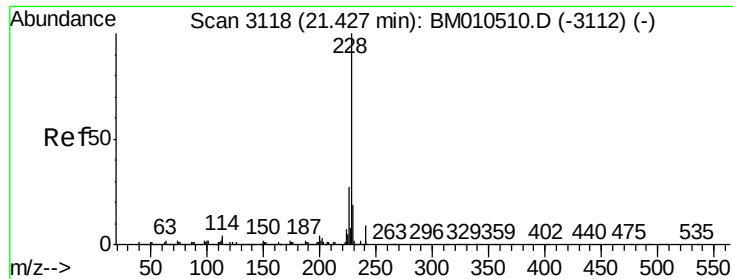


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 14.654 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

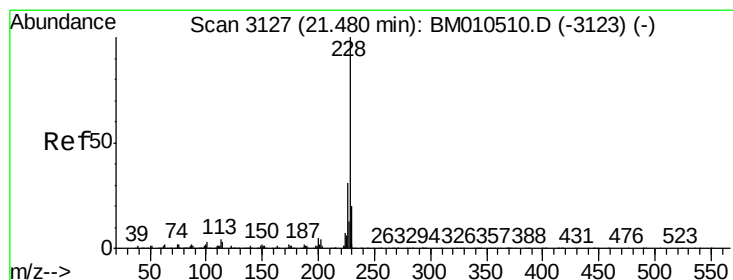
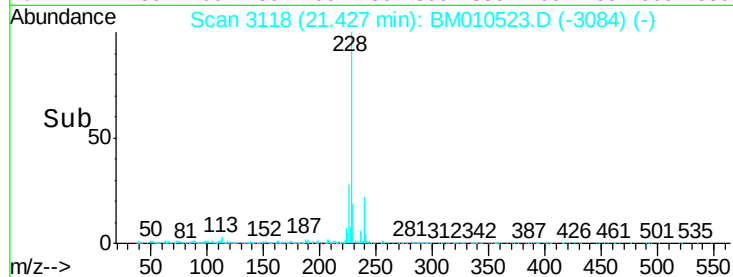
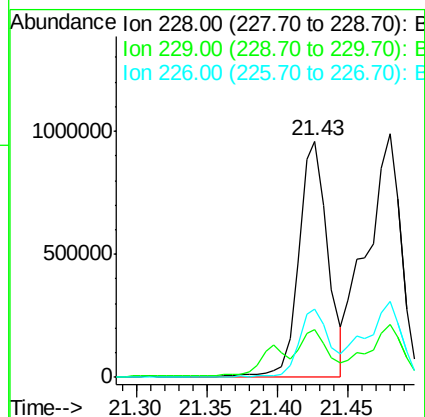
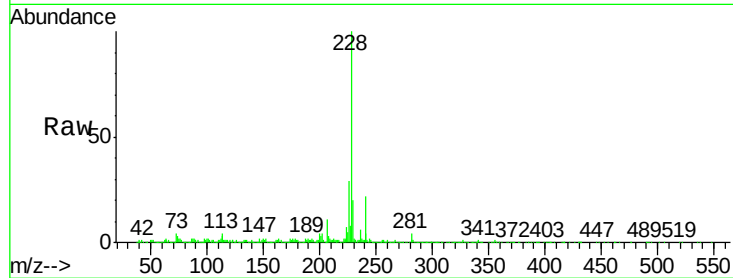
Tgt Ion:228 Resp: 1355165

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	29.1	21.4	32.0

228 100

229 20.4 15.4 23.0

226 29.1 21.4 32.0



#82

Chrysene

Concen: 14.369 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

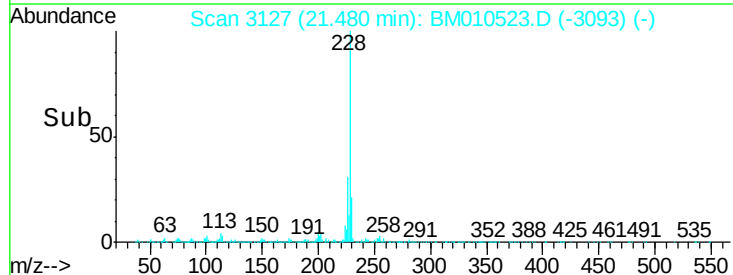
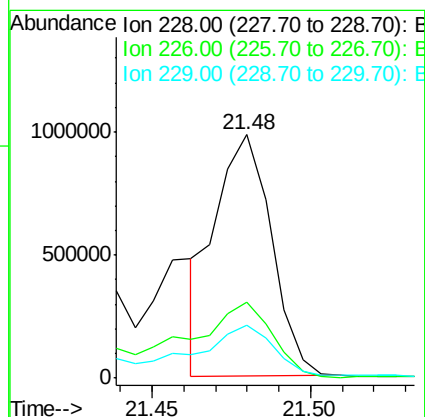
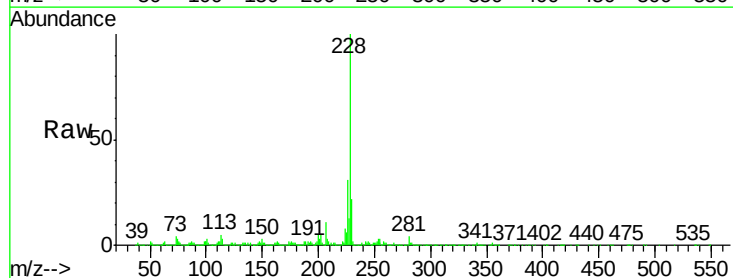
Tgt Ion:228 Resp: 1201165

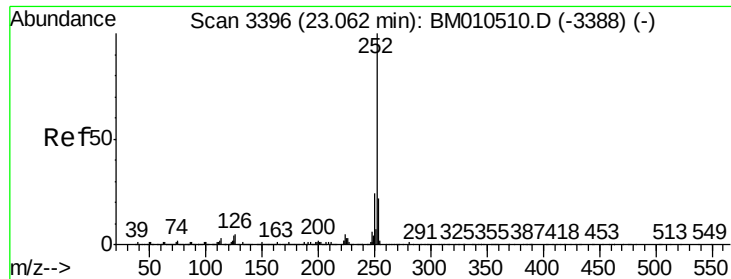
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	21.7	15.5	23.3

228 100

226 31.1 23.4 35.2

229 21.7 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 34.635 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

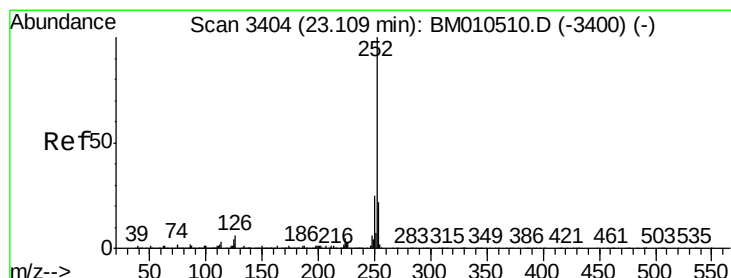
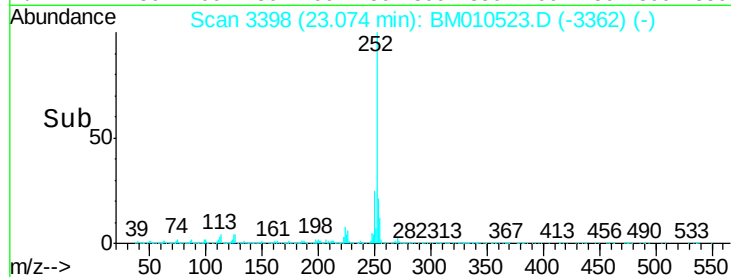
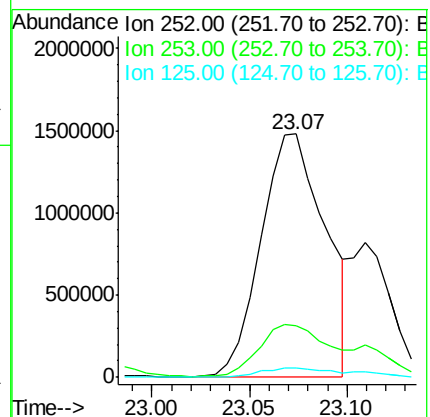
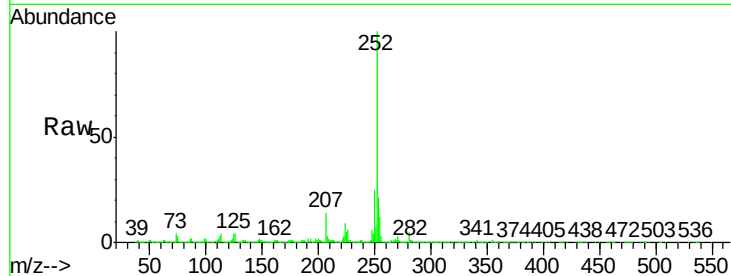
Tgt Ion:252 Resp: 3376083

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

125 4.1 3.6 5.4



#86

Benzo(k)fluoranthene

Concen: 12.182 ng/ul

RT: 23.11 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

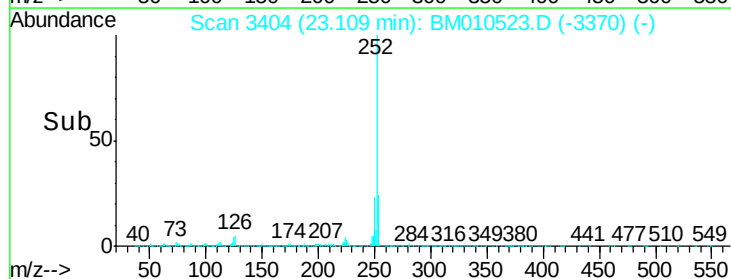
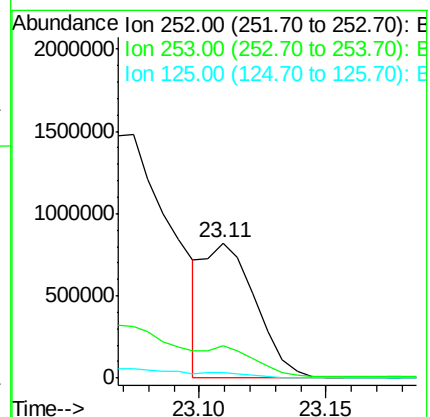
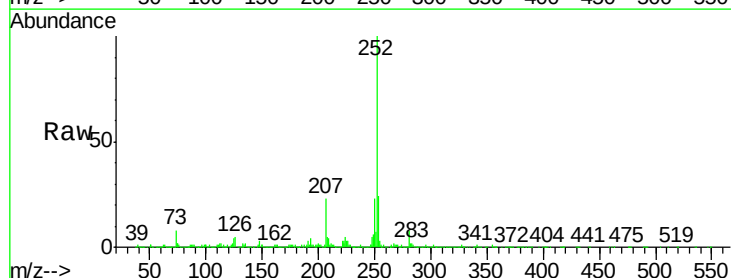
Tgt Ion:252 Resp: 1134376

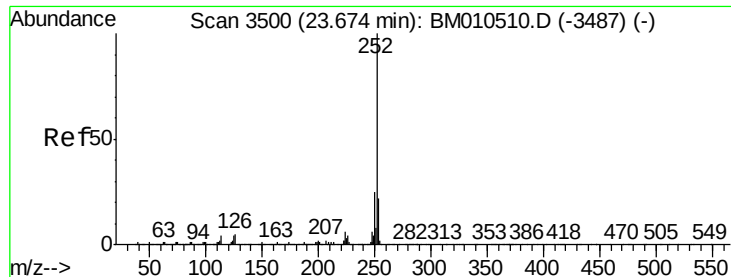
Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

125 4.1 3.4 5.2





#88

Benzo(a)pyrene

Concen: 14.054 ng/ul

RT: 23.57 min Scan# 3483

Delta R.T. -0.10 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

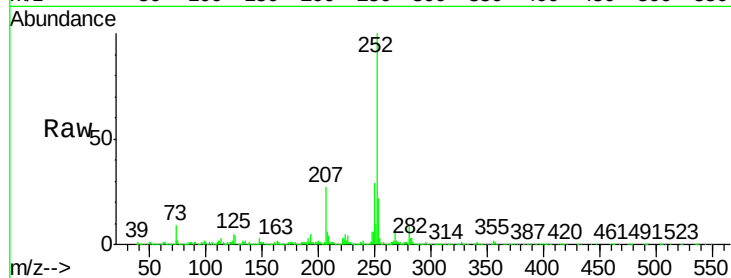
Tgt Ion:252 Resp: 1357865

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

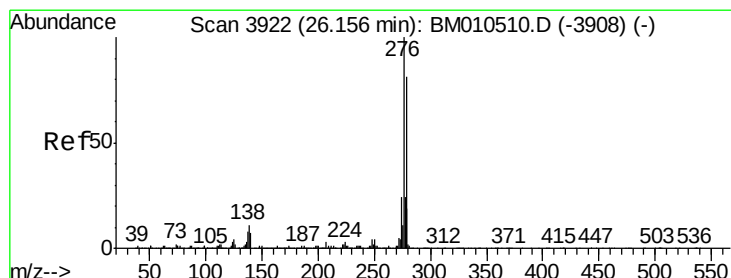
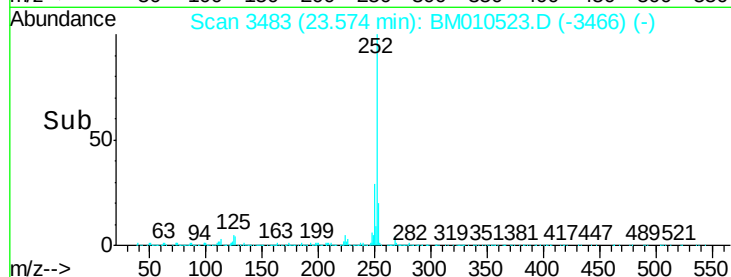
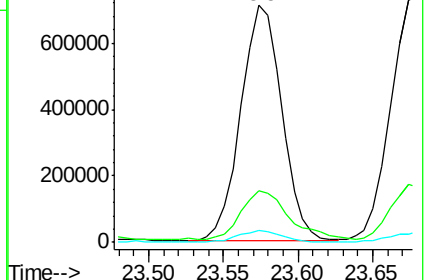
125 4.9 4.0 6.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 7.689 ng/ul

RT: 26.16 min Scan# 3922

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

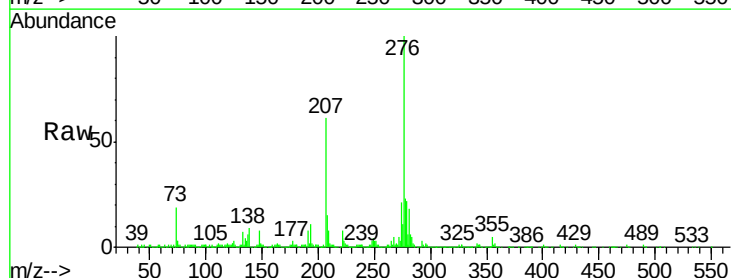
Tgt Ion:276 Resp: 938549

Ion Ratio Lower Upper

276 100

138 8.8 9.3 13.9#

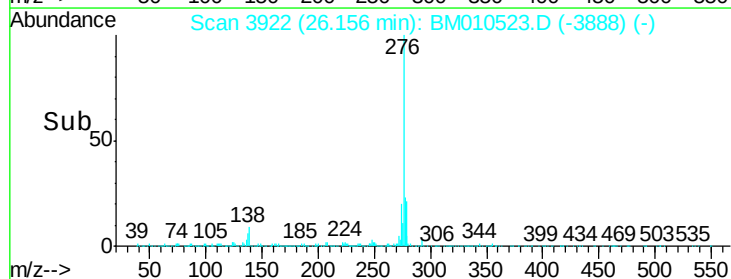
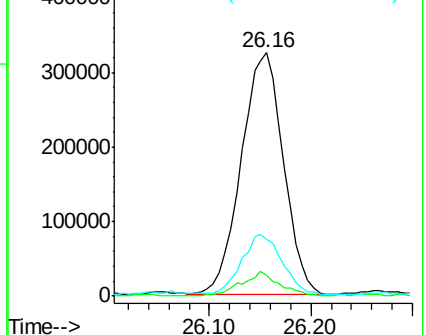
277 23.3 19.9 29.9

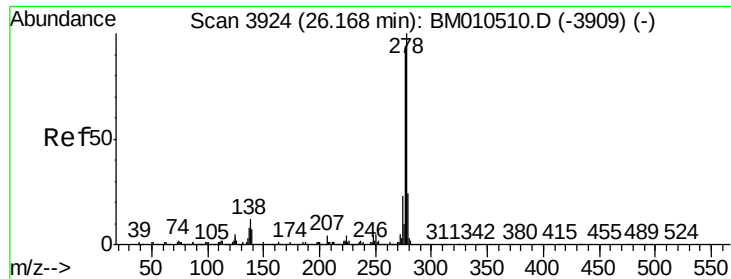


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.383 ng/ul

RT: 26.16 min Scan# 3922

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

ClientSampleId :

F5D30

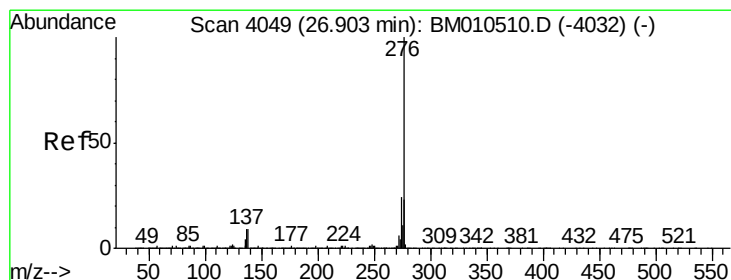
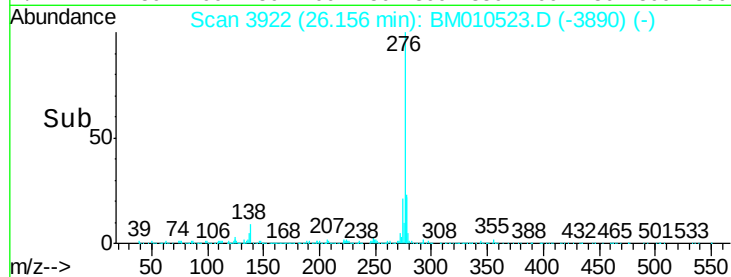
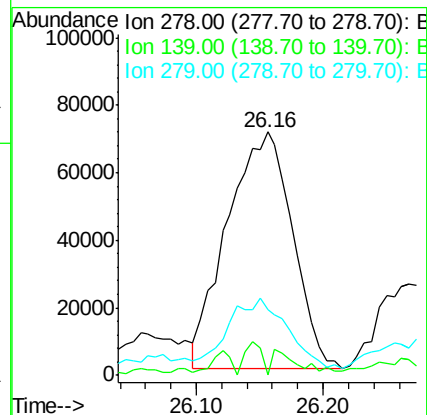
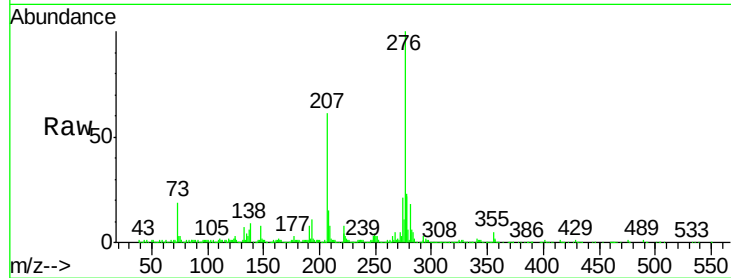
Tgt Ion:278 Resp: 250497

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

279 26.8 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 6.567 ng/ul

RT: 26.90 min Scan# 4048

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Tgt Ion:276 Resp: 660467

Ion Ratio Lower Upper

276 100

138 8.5 8.5 12.7

277 23.0 18.6 28.0

