

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013180.D
 Acq On : 04 Dec 2017 23:08
 Operator : SJ/JU
 Sample : I6646-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0274

Quant Time: Dec 05 05:00:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	271909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1147980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	628917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1216905	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	851597	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	834390	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	17894	3.26	ng/uL	0.00
5) Phenol-d5	6.88	99	478393	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	279768	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	396263	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	362264	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	201272	22.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	222164	22.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	422688	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	337777	18.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1215590	21.72	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1520288	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	169960	17.48	ng/ul	0.00
57) Fluorene-d10	15.34	176	1014836	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	100924	13.18	ng/ul	0.00
70) Anthracene-d10	17.19	188	1408977	23.12	ng/ul	0.00
76) Pyrene-d10	19.49	212	1188660	28.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	956268	22.50	ng/ul	0.01

Target Compounds

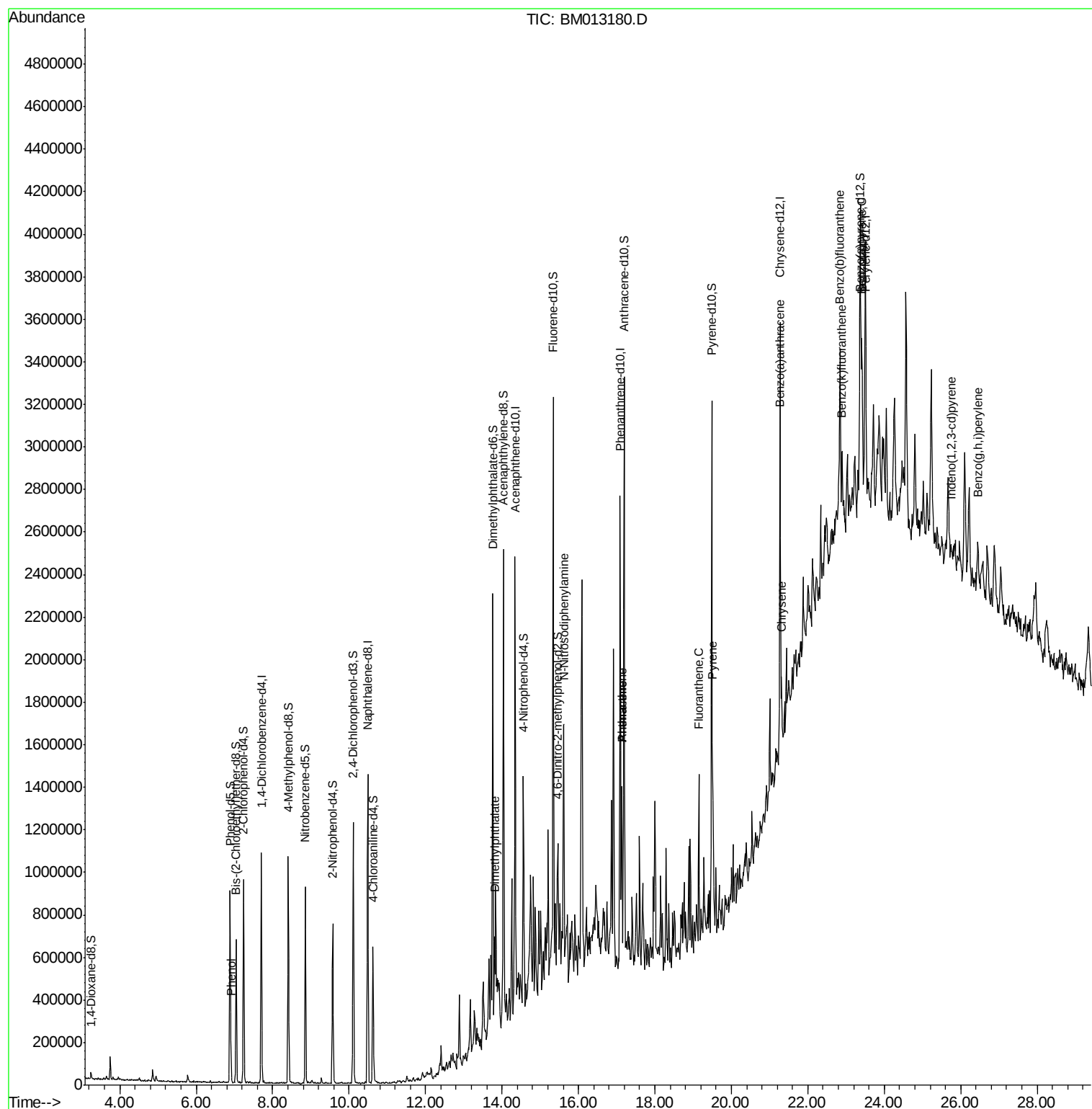
						Ovalue
6) Phenol	6.91	94	49352	2.12	ng/ul#	82
44) Dimethylphthalate	13.80	163	147340	2.75	ng/ul	98
64) N-Nitrosodiphenylamine	15.61	169	79757	2.22	ng/ul#	42
69) Phenanthrene	17.13	178	461219	6.67	ng/ul	98
71) Anthracene	17.13	178	461219	6.53	ng/ul	96
74) Fluoranthene	19.15	202	445149	5.25	ng/ul#	94
77) Pyrene	19.52	202	429397	8.30	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	138747	2.57	ng/ul#	87
82) Chrysene	21.31	228	198831	3.97	ng/ul#	91
85) Benzo(b)fluoranthene	22.84	252	220712	3.92	ng/ul#	54
86) Benzo(k)fluoranthene	22.88	252	70405	1.33	ng/ul#	62
88) Benzo(a)pyrene	23.41	252	114882	2.27	ng/ul#	75
89) Indeno(1,2,3-cd)pyrene	25.76	276	93201	1.86	ng/ul#	83
91) Benzo(g,h,i)perylene	26.44	276	100115	2.53	ng/ul#	83

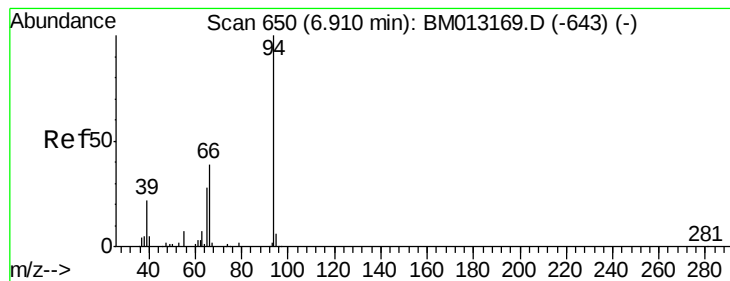
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.12 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Instrument :

BNA_M

ClientSampleId :

C0274

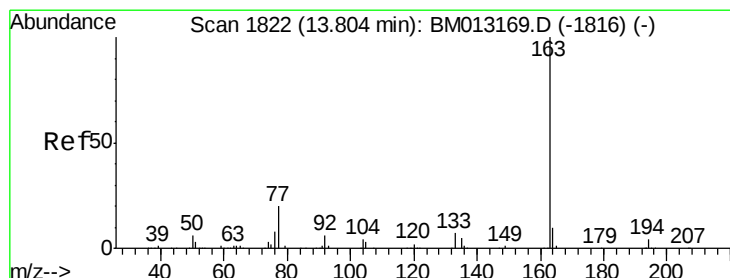
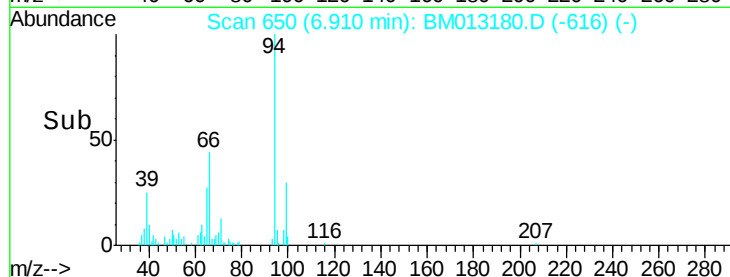
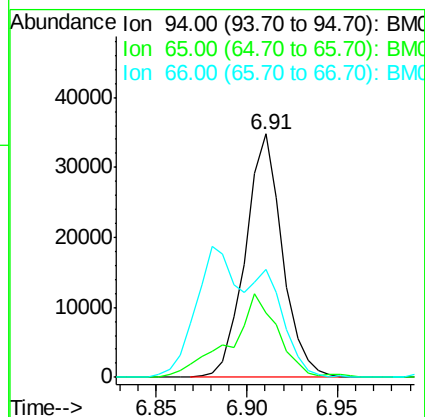
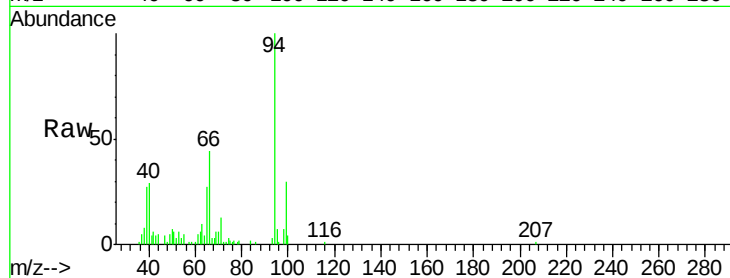
Tot Ion: 94 Resp: 49352

Ion Ratio Lower Upper

94 100

65 26.6 28.2 42.4#

66 44.3 47.2 70.8#



#44

Dimethylphthalate

Concen: 2.75 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

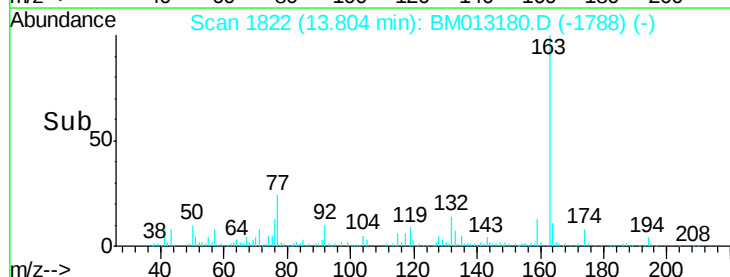
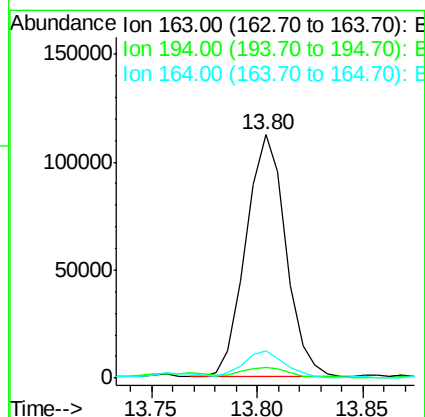
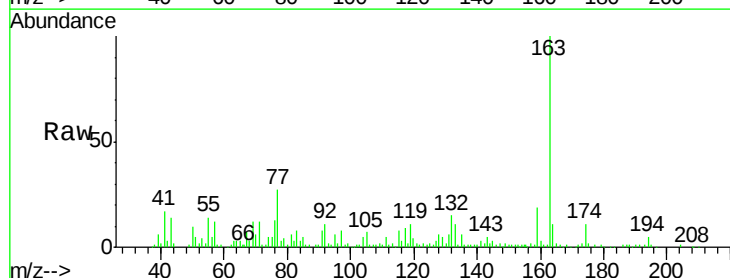
Tgt Ion: 163 Resp: 147340

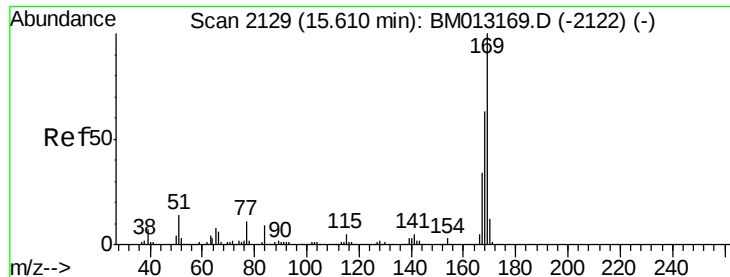
Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 11.1 8.2 12.4





#64

N-Nitrosodiphenylamine

Concen: 2.22 ng/ul

RT: 15.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Instrument :

BNA_M

ClientSampleId :

C0274

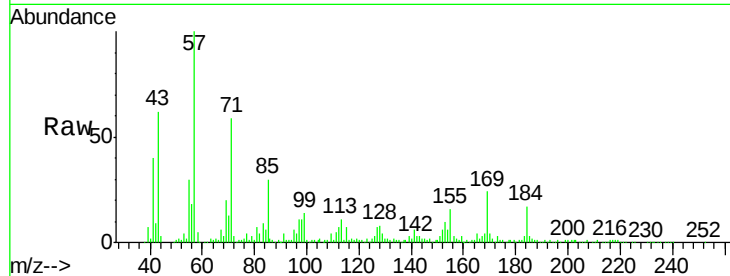
Tot Ion:169 Resp: 79757

Ion Ratio Lower Upper

169 100

168 15.0 54.0 81.0#

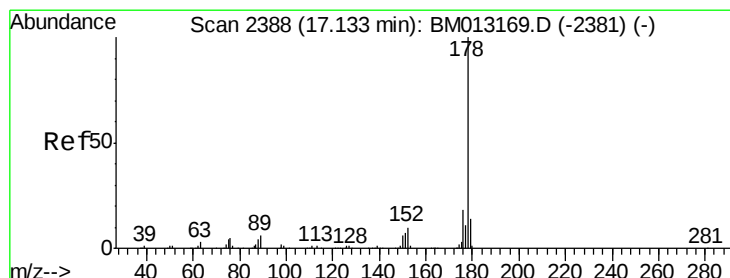
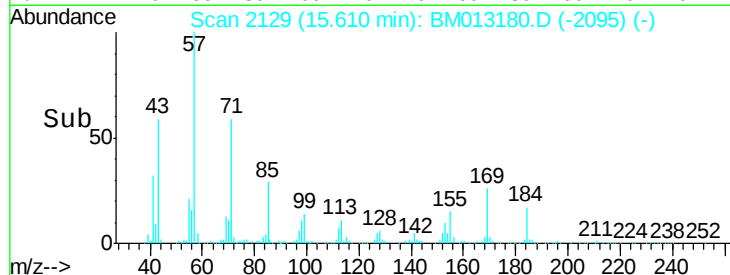
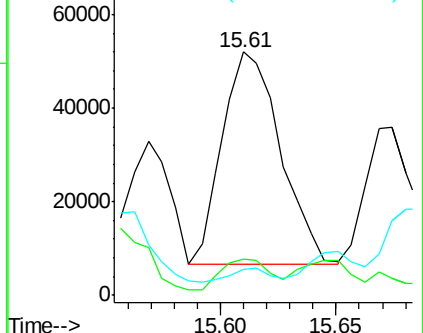
167 10.9 29.1 43.7#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 6.67 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

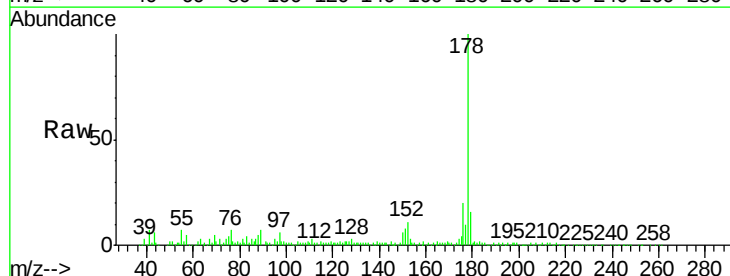
Tgt Ion:178 Resp: 461219

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

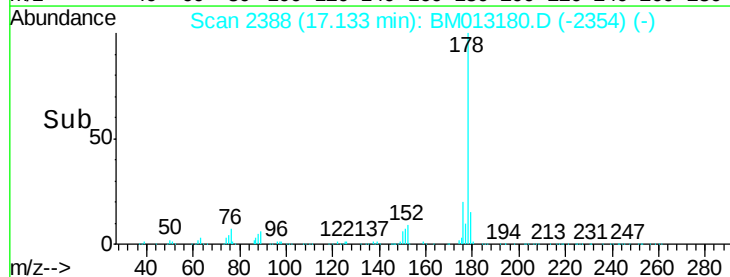
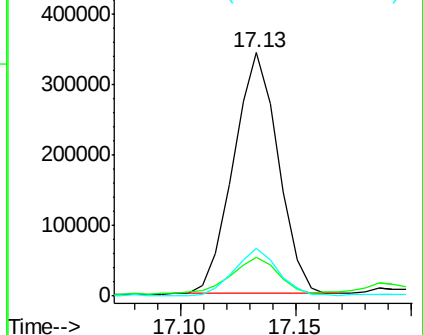
176 19.8 14.9 22.3

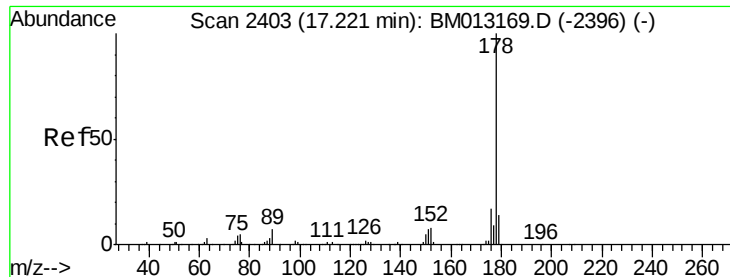


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 6.53 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Instrument :

BNA_M

ClientSampleId :

C0274

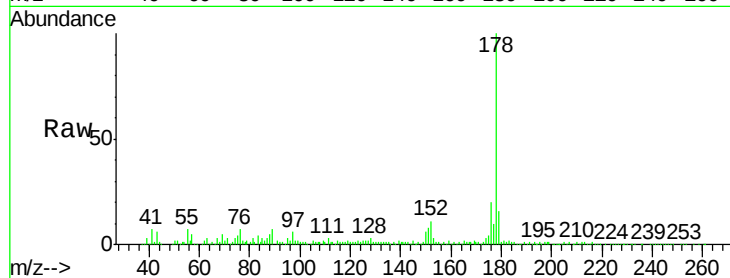
Tot Ion:178 Resp: 461219

Ion Ratio Lower Upper

178 100

179 16.2 11.7 17.5

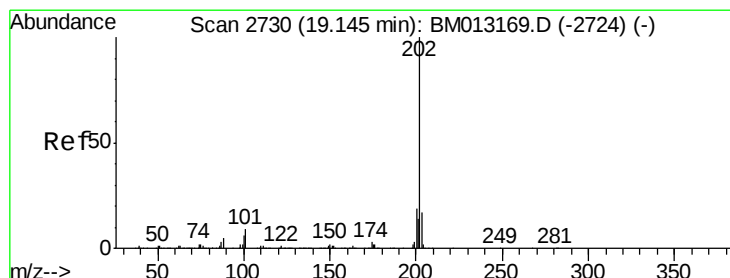
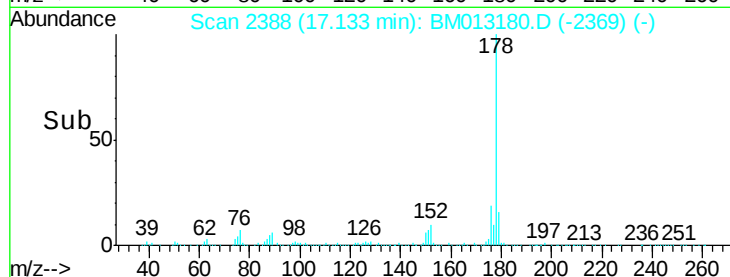
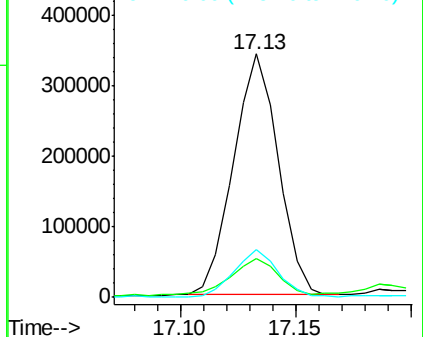
176 19.8 14.6 21.8



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



#74

Fluoranthene

Concen: 5.25 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.01 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

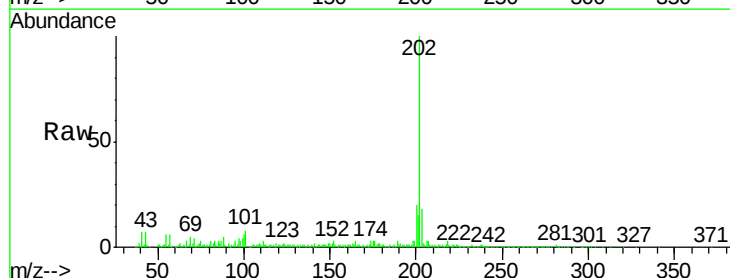
Tgt Ion:202 Resp: 445149

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

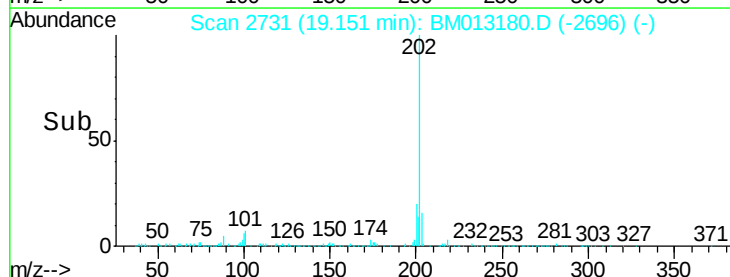
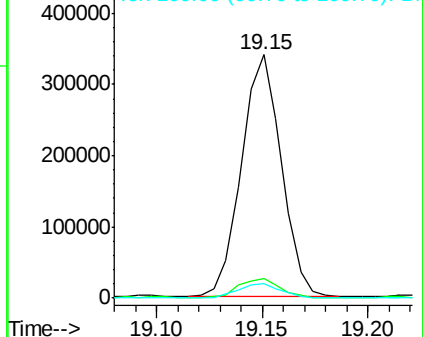
100 5.9 3.4 5.2#

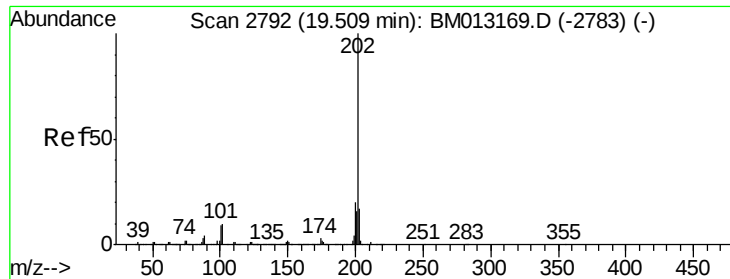


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 8.30 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Instrument :

BNA_M

ClientSampleId :

C0274

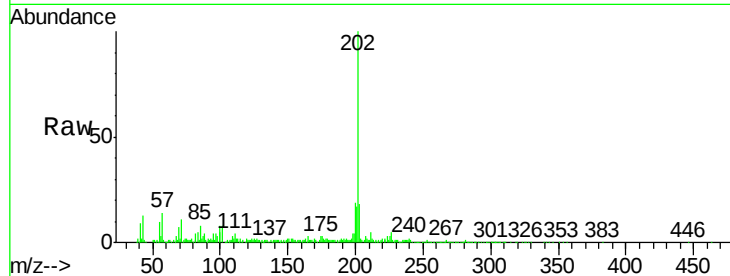
Tot Ion:202 Resp: 429397

Ion Ratio Lower Upper

202 100

101 8.5 5.1 7.7#

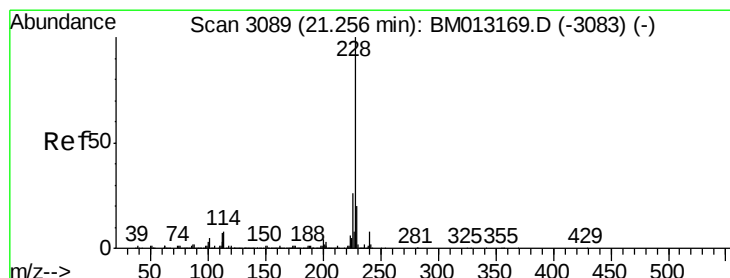
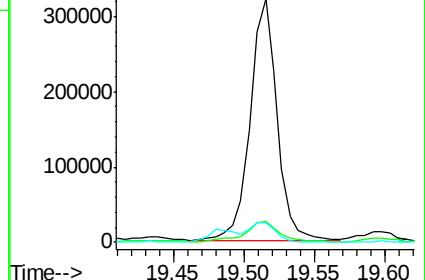
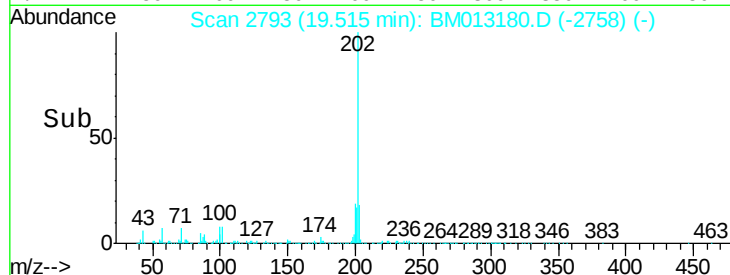
100 7.8 4.9 7.3#



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): E



#80

Benzo(a)anthracene

Concen: 2.57 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

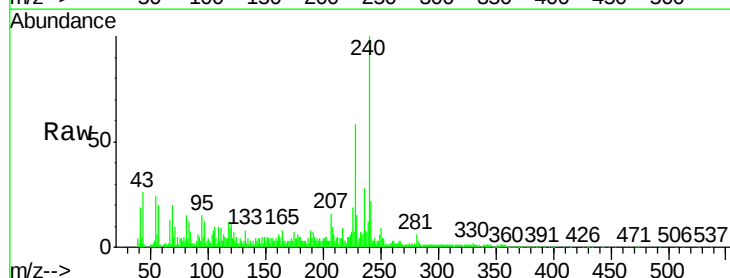
Tgt Ion:228 Resp: 138747

Ion Ratio Lower Upper

228 100

229 26.6 15.4 23.0#

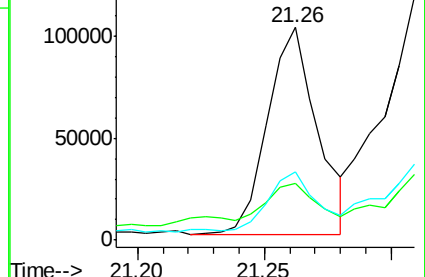
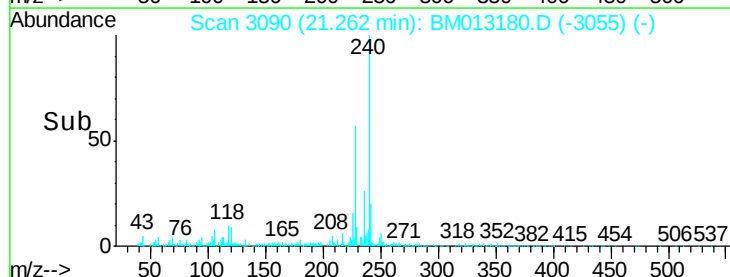
226 32.1 21.4 32.0#

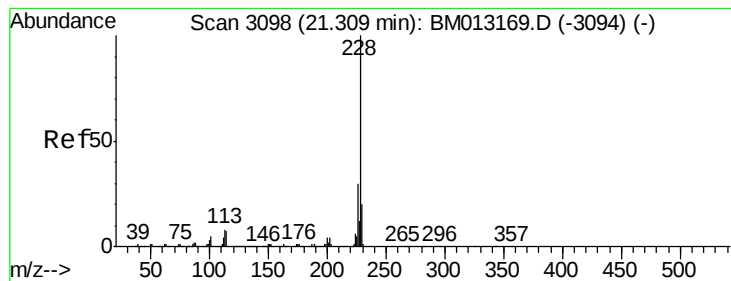


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.97 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Instrument :

BNA_M

ClientSampleId :

C0274

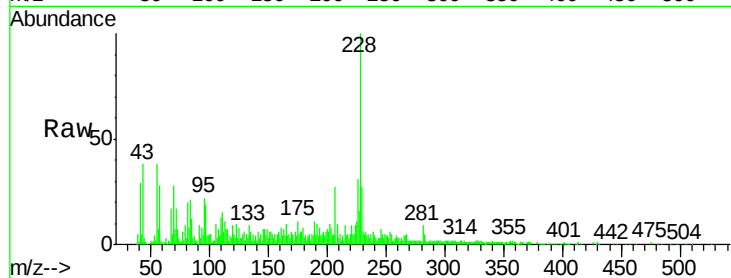
Tot Ion:228 Resp: 198831

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

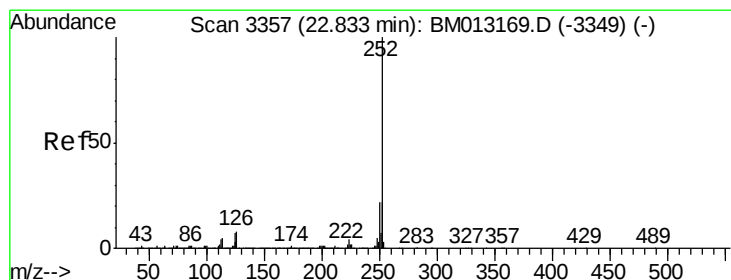
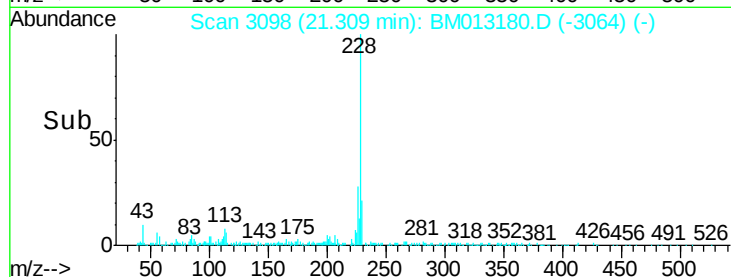
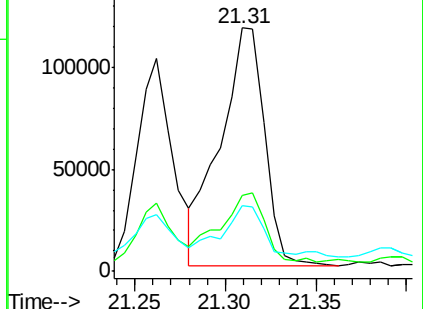
229 26.9 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 3.92 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

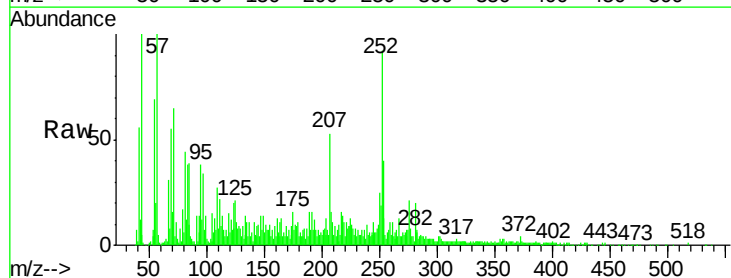
Tgt Ion:252 Resp: 220712

Ion Ratio Lower Upper

252 100

253 43.4 17.9 26.9#

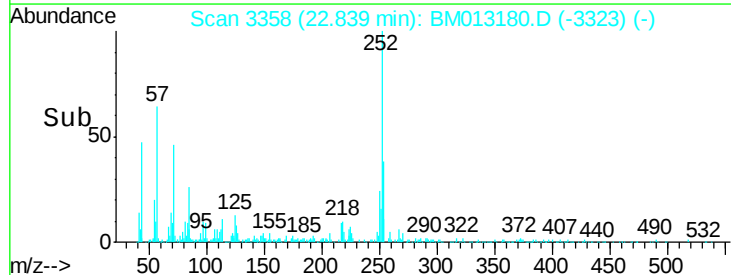
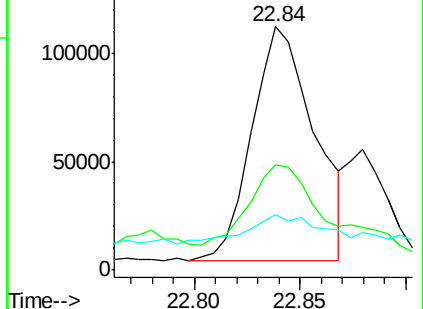
125 22.8 3.6 5.4#

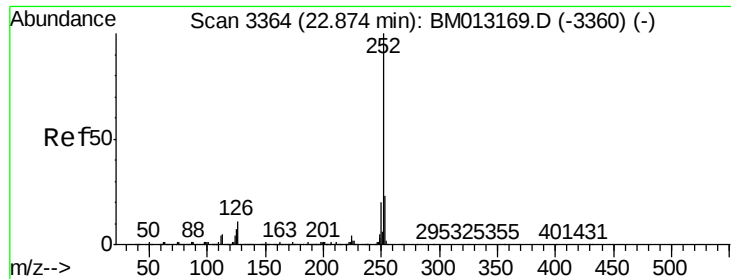


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.33 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Instrument :

BNA_M

ClientSampled :

C0274

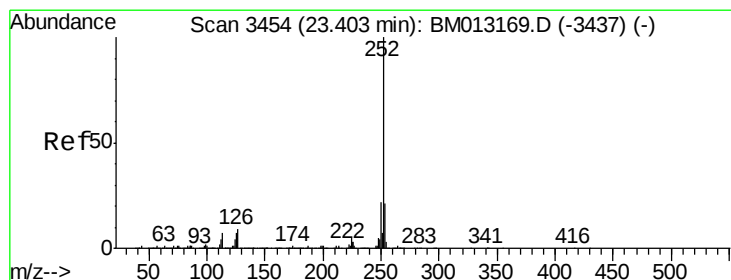
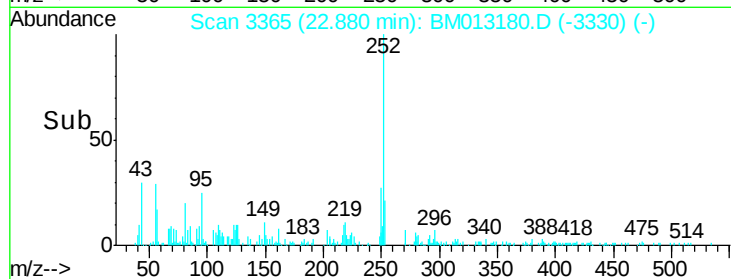
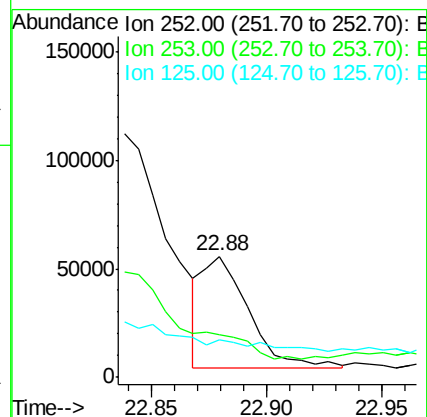
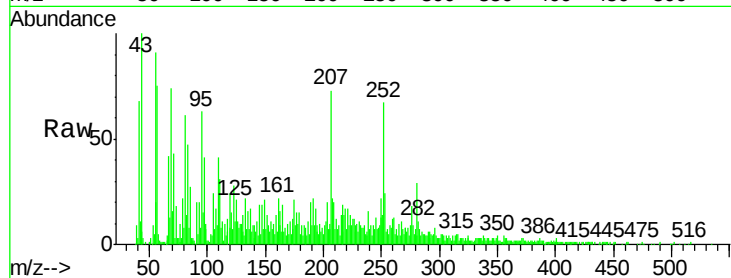
Tot Ion:252 Resp: 70405

Ion Ratio Lower Upper

252 100

253 35.3 17.1 25.7#

125 30.9 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 2.27 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. 0.01 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

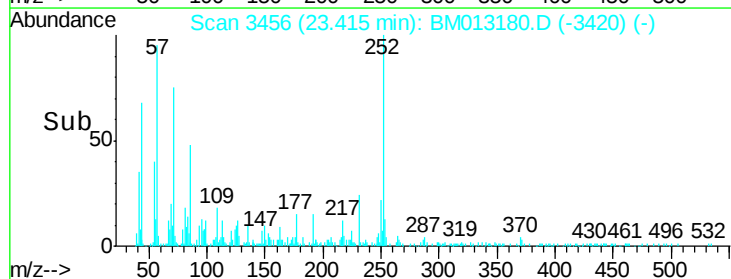
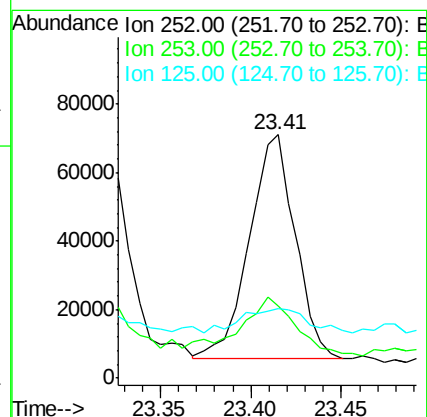
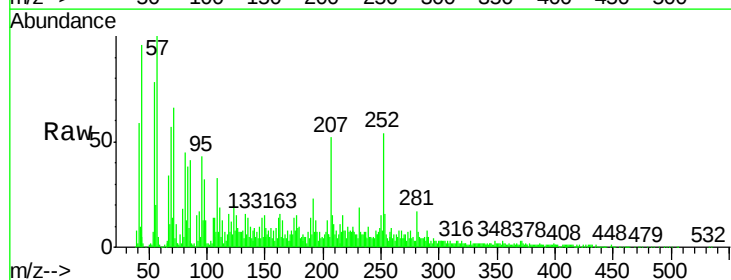
Tgt Ion:252 Resp: 114882

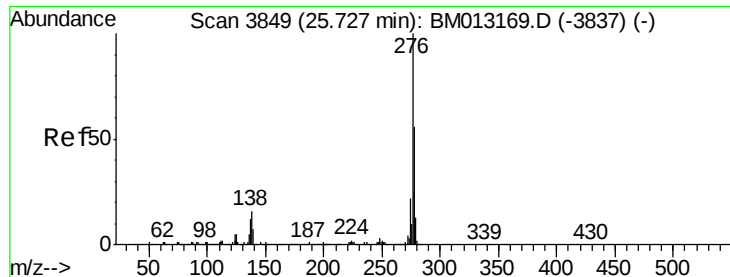
Ion Ratio Lower Upper

252 100

253 29.7 18.2 27.2#

125 28.4 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.86 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. 0.03 min

Lab File: BM013180.D

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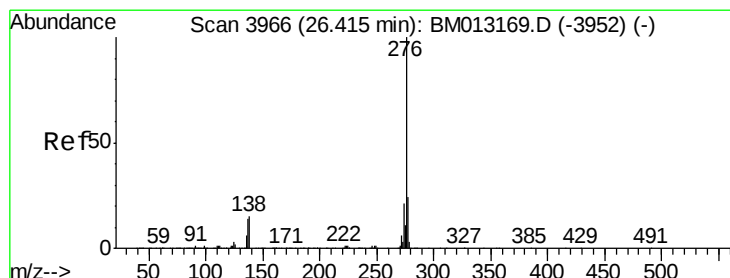
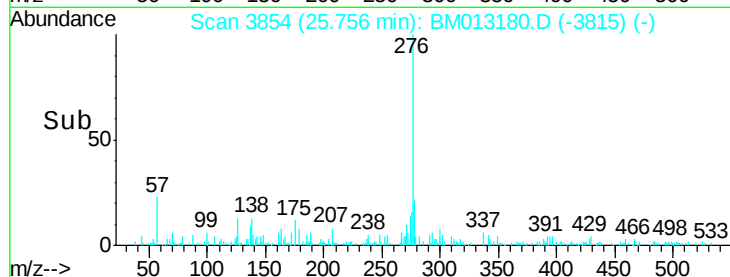
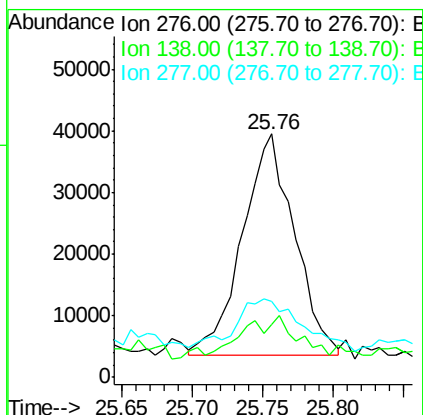
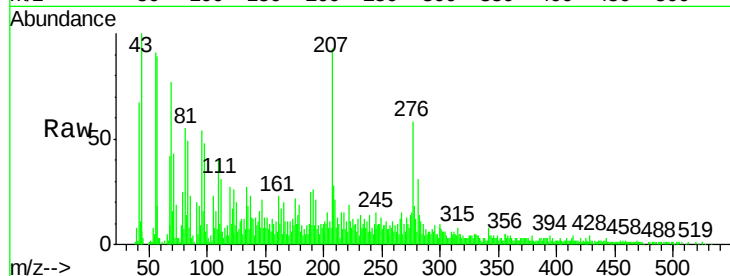
Tot Ion:276 Resp: 93201

Ion Ratio Lower Upper

276 100

138 21.9 9.3 13.9#

277 31.4 19.9 29.9#



#91

Benzo(g,h,i)perylene

Concen: 2.53 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. 0.03 min

Lab File: BM013180.D

Acq: 04 Dec 2017 23:08

Tgt Ion:276 Resp: 100115

Ion Ratio Lower Upper

276 100

138 15.8 8.5 12.7#

277 32.2 18.6 28.0#

