

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013138.D
 Acq On : 28 Nov 2017 16:10
 Operator : SJ/JU
 Sample : I6556-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GC1

Quant Time: Nov 29 03:45:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 03:43:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	183998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	801428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	484941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1170971	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1168445	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	882455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14562	3.67	ng/uL	0.00
5) Phenol-d5	6.89	99	305777	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	203536	22.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	259644	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	238099	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	145904	25.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	150344	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	286283	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	308099	21.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1091707	25.66	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1241204	22.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	132437	20.53	ng/ul	0.00
57) Fluorene-d10	15.34	176	911543	25.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	152275	29.99	ng/ul	0.00
70) Anthracene-d10	17.19	188	1501729	25.05	ng/ul	0.00
76) Pyrene-d10	19.49	212	1655494	27.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1171008	26.17	ng/ul	0.00

Target Compounds

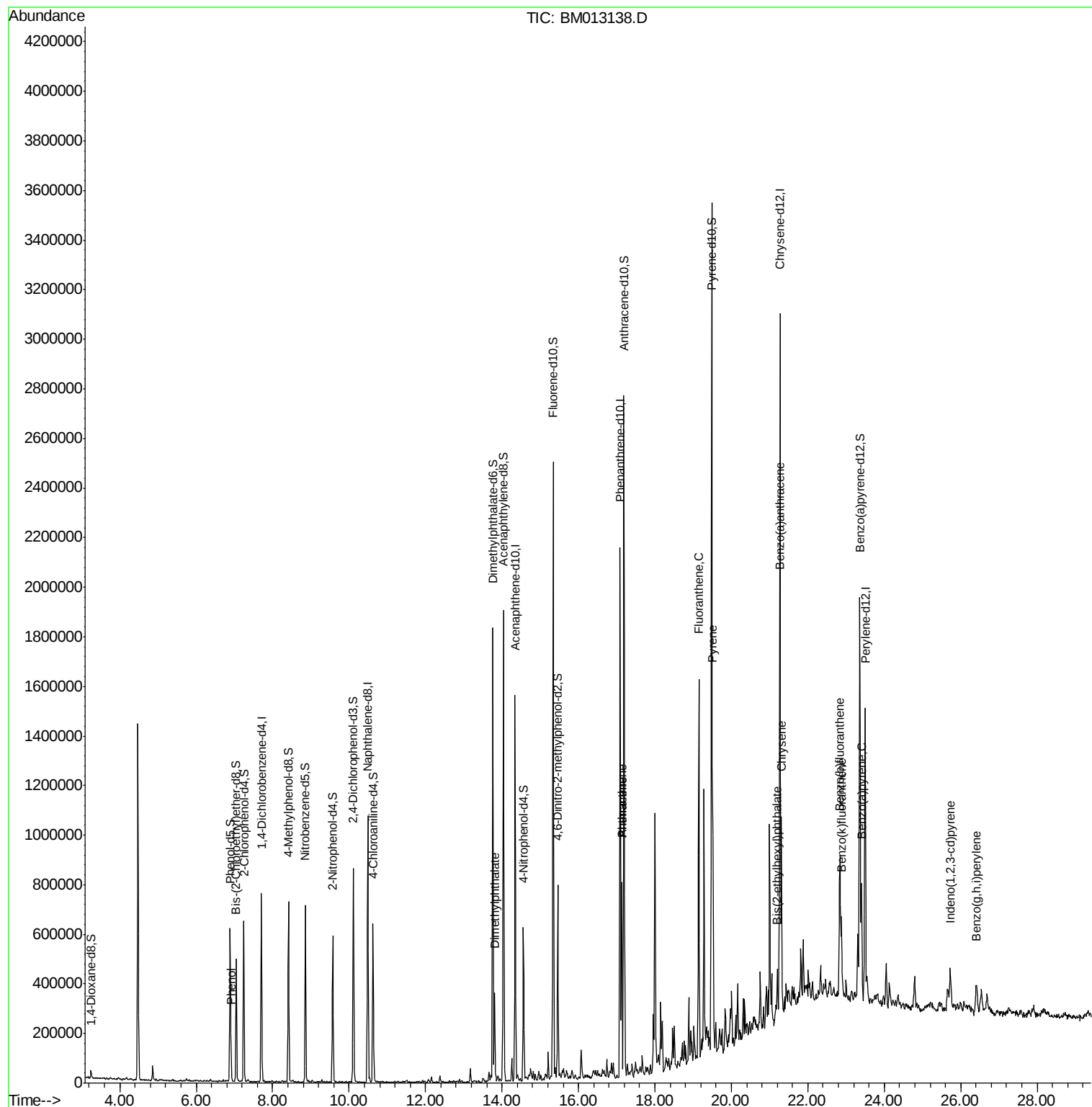
						Ovalue
6) Phenol	6.92	94	41521	2.64	ng/ul#	78
44) Dimethylphthalate	13.80	163	201976	4.97	ng/ul	97
69) Phenanthrene	17.13	178	447029	6.79	ng/ul	98
71) Anthracene	17.13	178	447029	6.54	ng/ul	99
74) Fluoranthene	19.15	202	860170	10.81	ng/ul#	95
77) Pyrene	19.52	202	834932	11.48	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	370499	4.95	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.20	149	67246	1.51	ng/ul	98
82) Chrysene	21.31	228	442590	6.38	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	408530	7.16	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	133570	2.54	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	255128	4.80	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.73	276	160199	2.58	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	139262	2.70	ng/ul	98

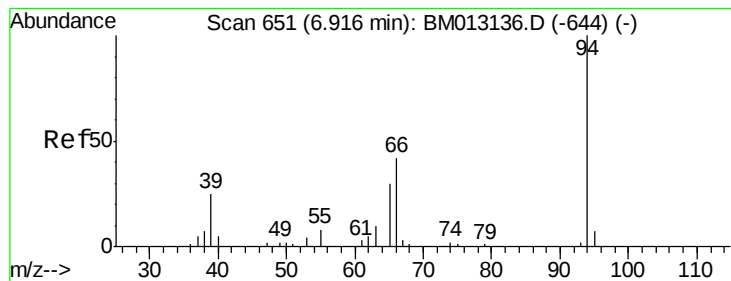
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.64 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

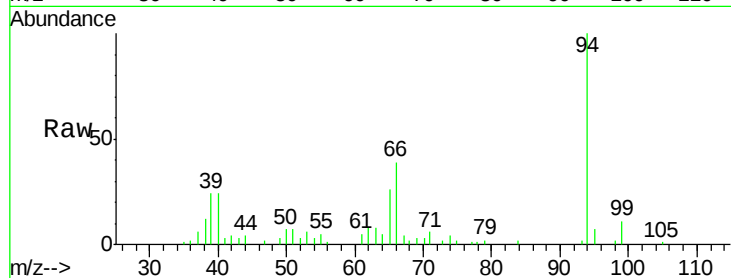
Tot Ion: 94 Resp: 41521

Ion Ratio Lower Upper

94 100

65 26.4 28.2 42.4#

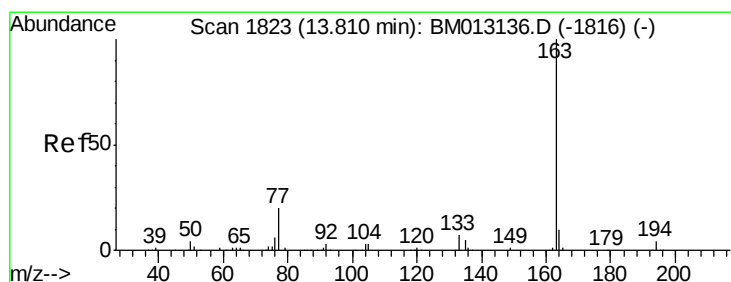
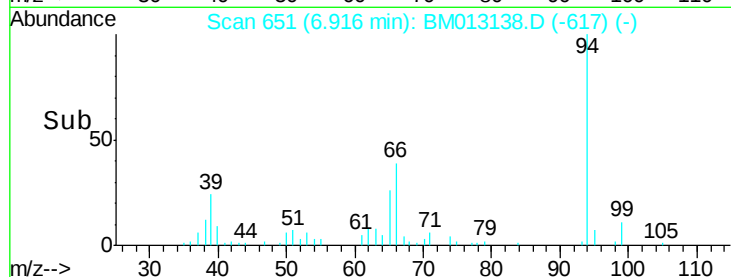
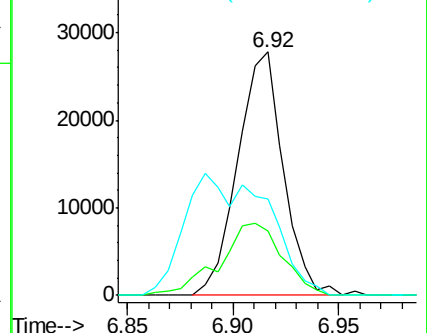
66 39.5 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013136.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013136.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013136.D (-644) (-)



#44

Dimethylphthalate

Concen: 4.97 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

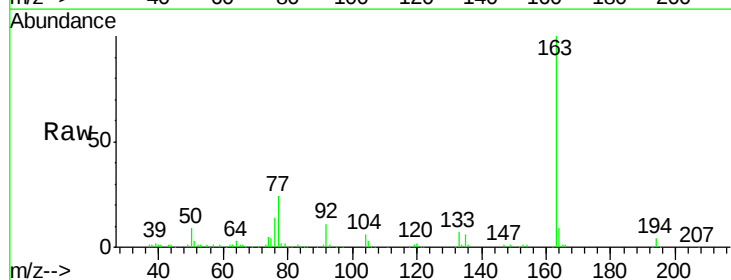
Tgt Ion:163 Resp: 201976

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

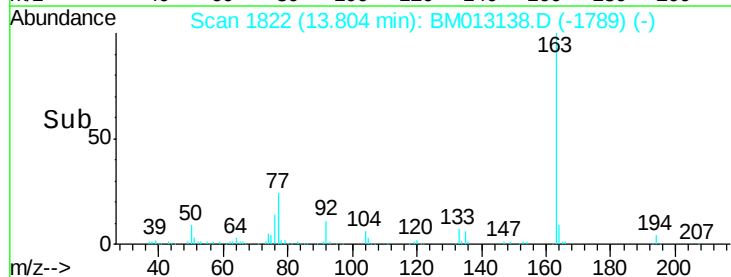
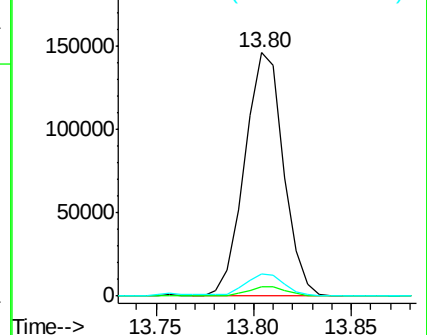
164 9.1 8.2 12.4

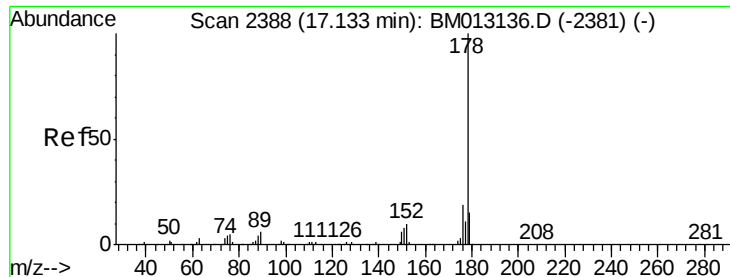


Abundance Ion 163.00 (162.70 to 163.70): BM013136.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM013136.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM013136.D (-1816) (-)





#69

Phenanthrene

Concen: 6.79 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

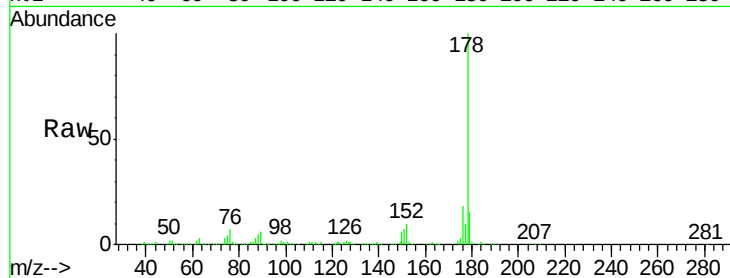
Tot Ion:178 Resp: 447029

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

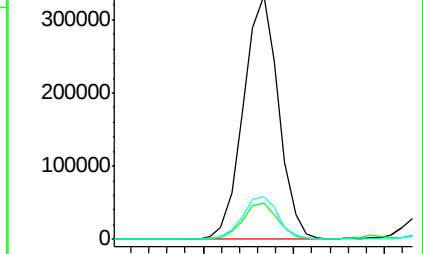
176 17.8 14.9 22.3



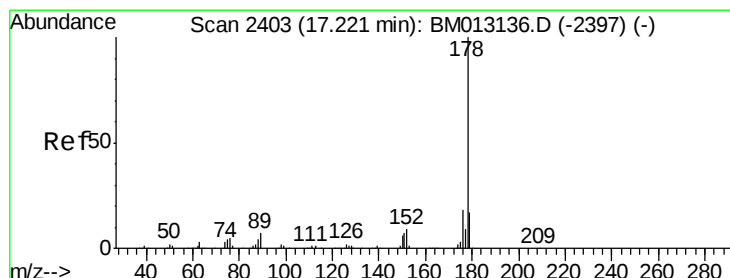
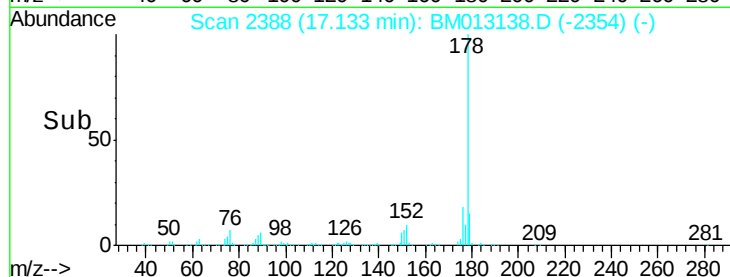
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 6.54 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

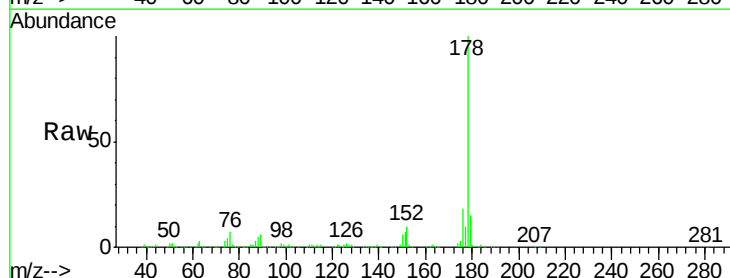
Tgt Ion:178 Resp: 447029

Ion Ratio Lower Upper

178 100

179 14.7 11.7 17.5

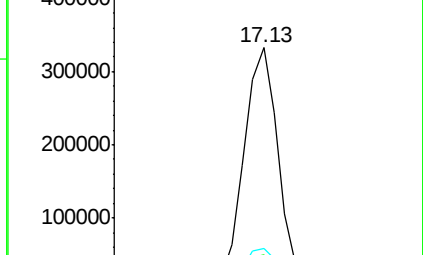
176 17.8 14.6 21.8



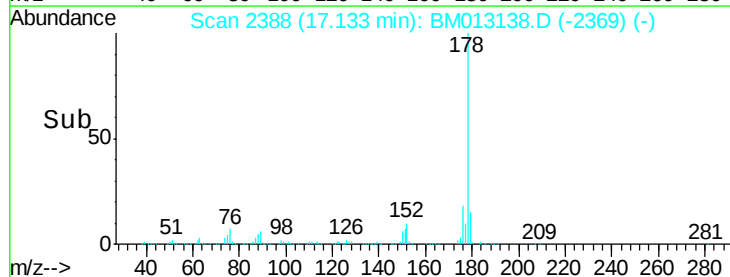
Abundance Ion 178.00 (177.70 to 178.70): E

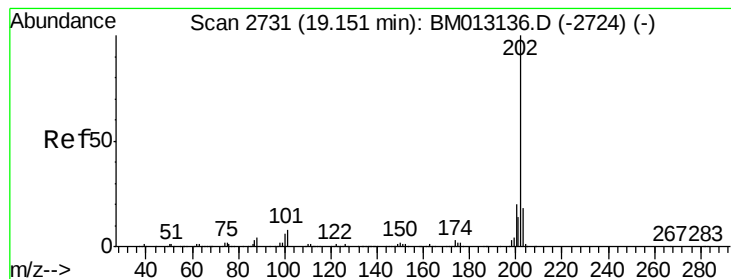
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Fluoranthene

Concen: 10.81 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

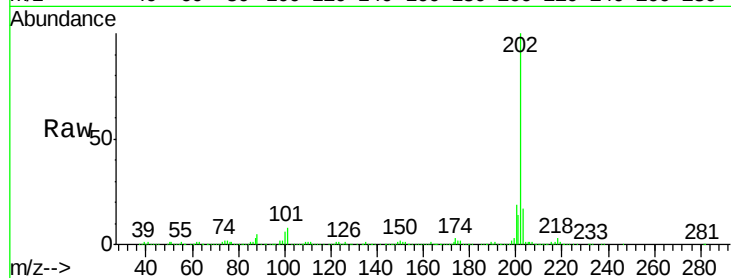
Tot Ion:202 Resp: 860170

Ion Ratio Lower Upper

202 100

101 7.8 4.6 7.0#

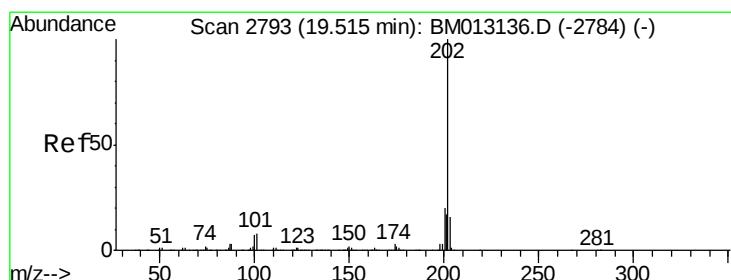
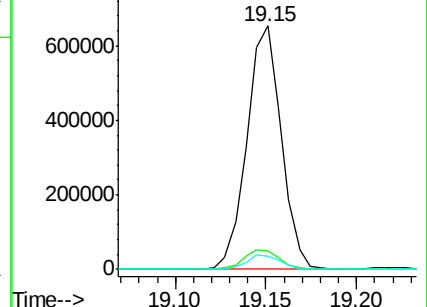
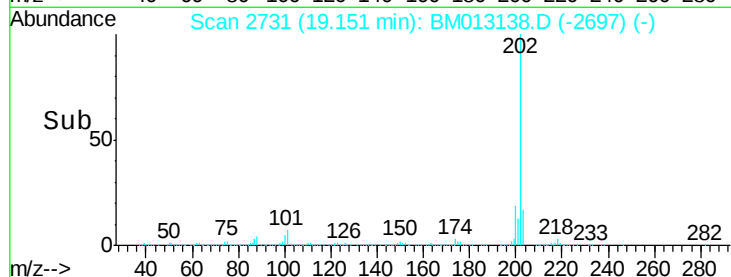
100 5.6 3.4 5.2#



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: 11.48 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

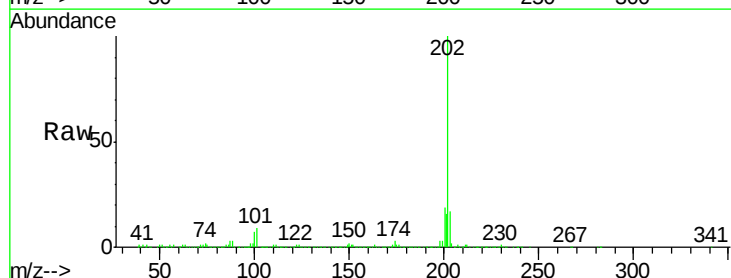
Tgt Ion:202 Resp: 834932

Ion Ratio Lower Upper

202 100

101 8.7 5.1 7.7#

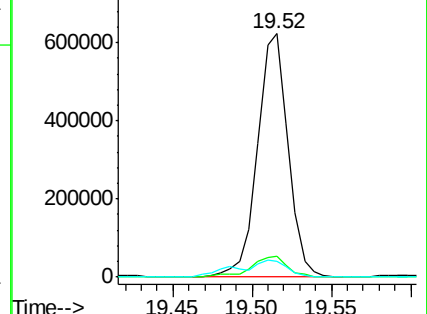
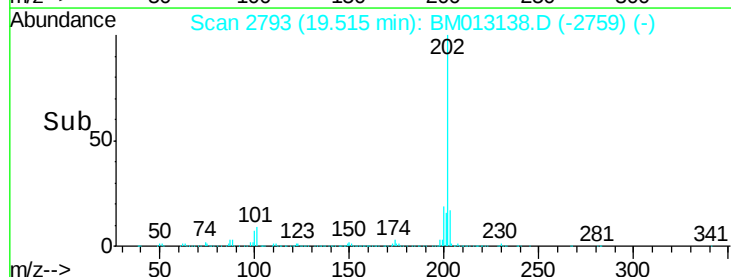
100 6.7 4.9 7.3

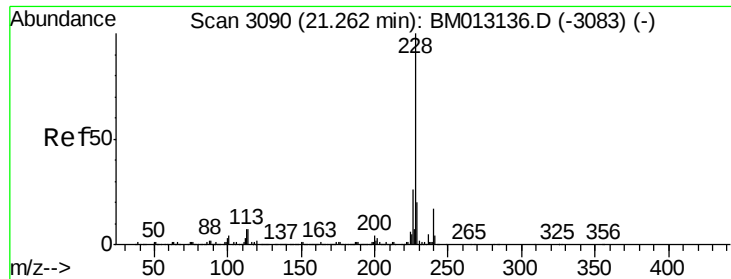


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.95 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

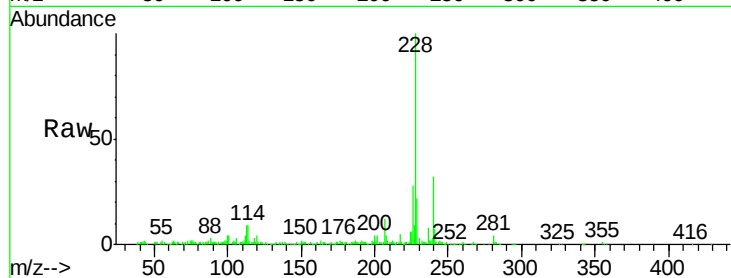
Tot Ion:228 Resp: 370499

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.0

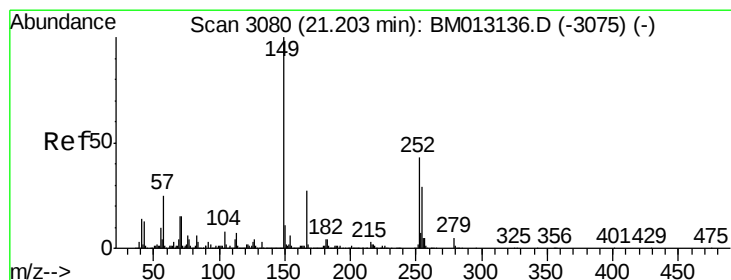
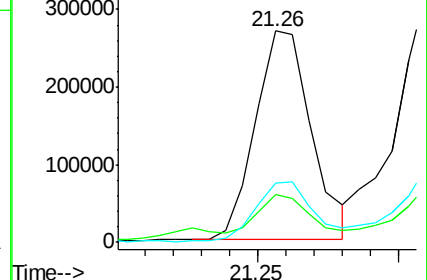
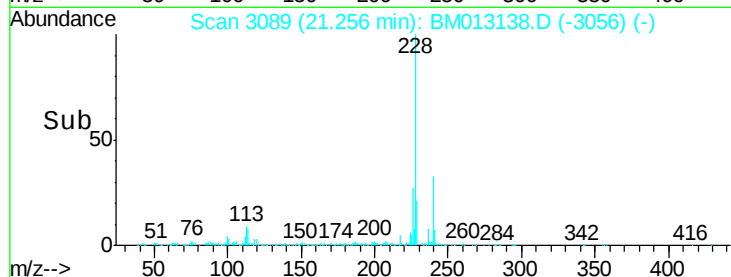
226 27.9 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.51 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

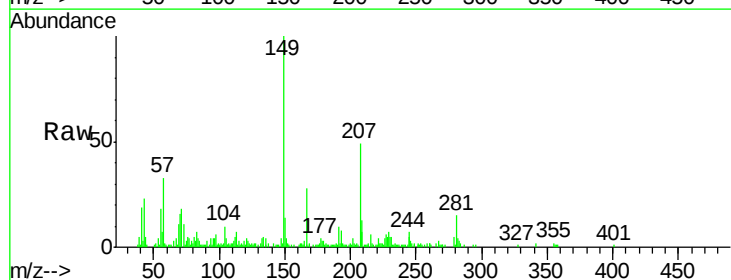
Tgt Ion:149 Resp: 67246

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

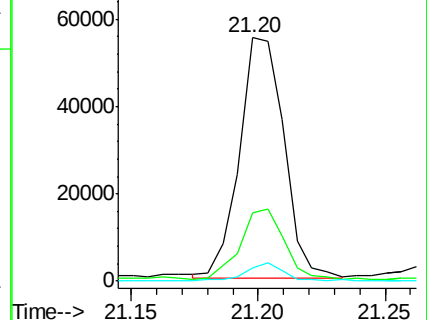
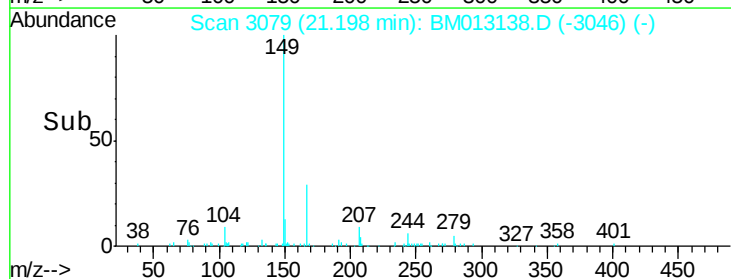
279 5.3 4.9 7.3

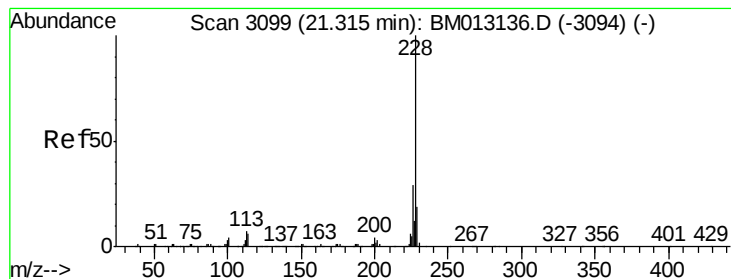


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 6.38 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

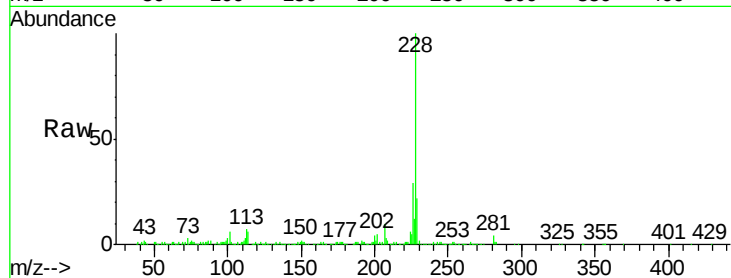
Tot Ion:228 Resp: 442590

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.5	15.5	23.3

228 100

226 29.4 23.4 35.2

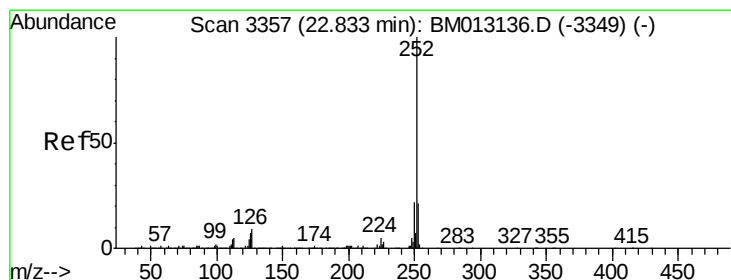
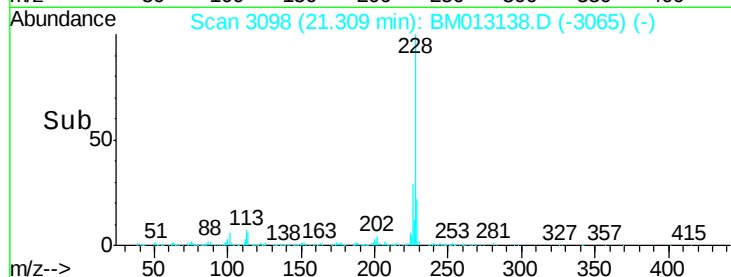
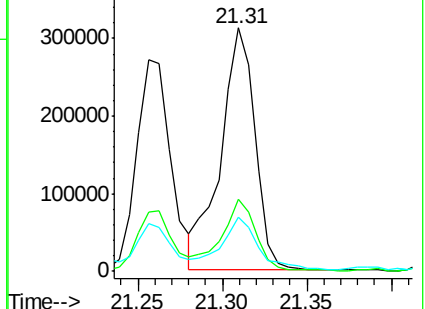
229 22.5 15.5 23.3



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: 7.16 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

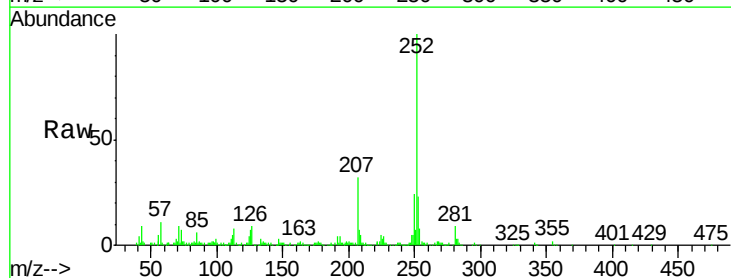
Tgt Ion:252 Resp: 408530

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	7.3	3.6	5.4

252 100

253 22.5 17.9 26.9

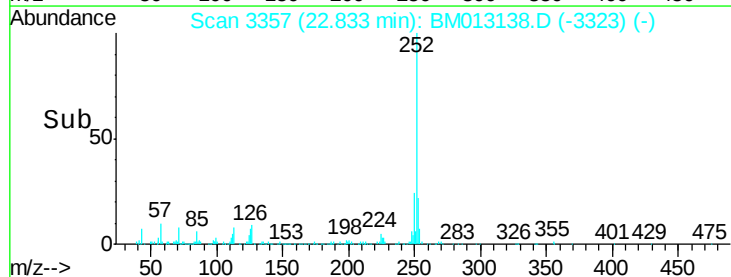
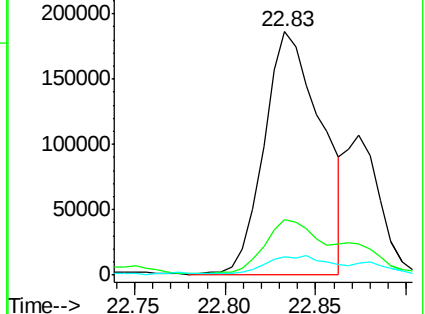
125 7.3 3.6 5.4#

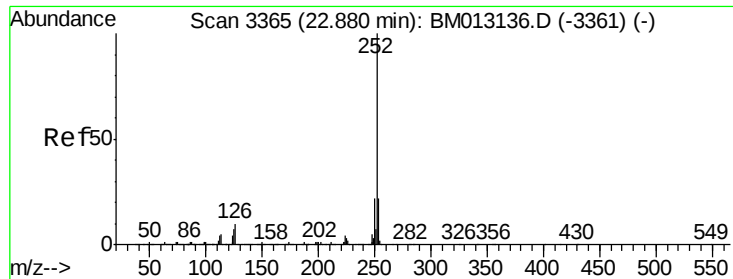


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.54 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

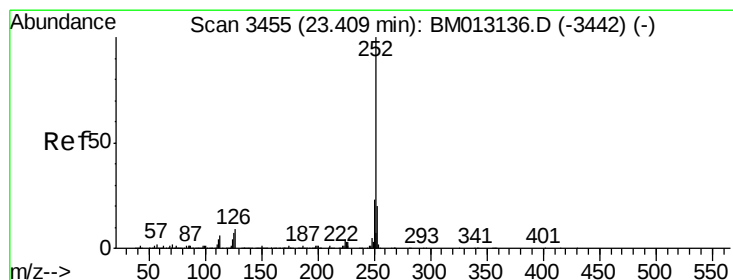
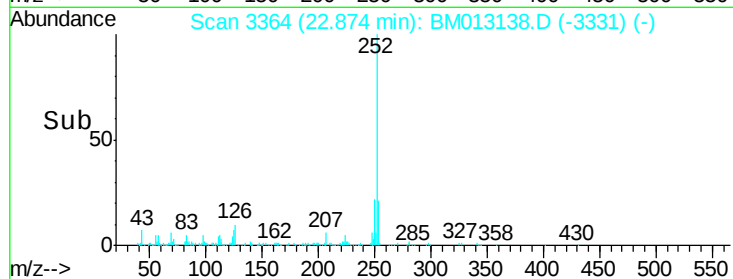
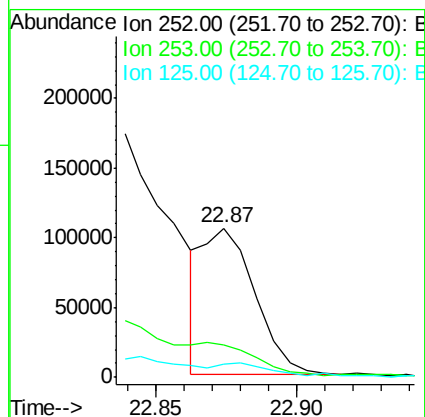
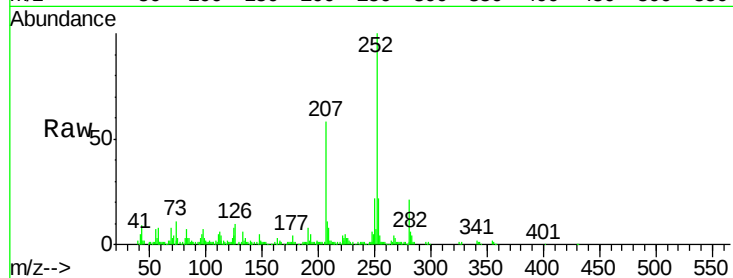
Tot Ion:252 Resp: 133570

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 8.4 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 4.80 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

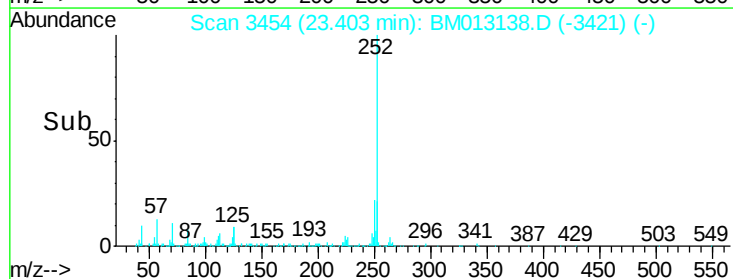
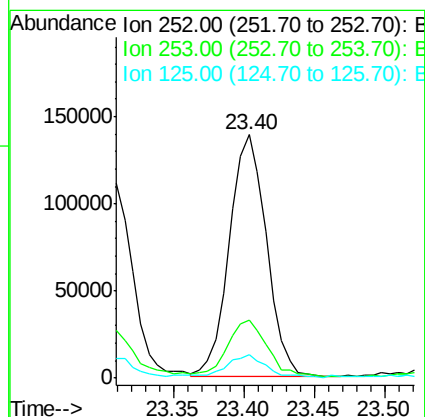
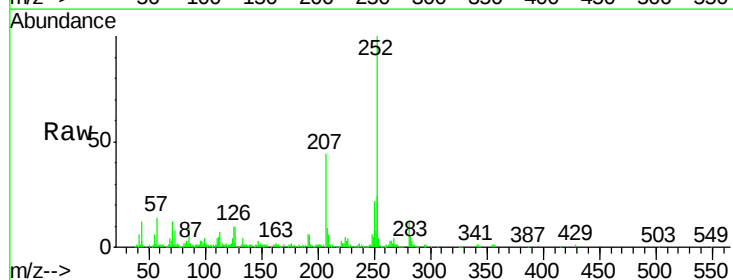
Tgt Ion:252 Resp: 255128

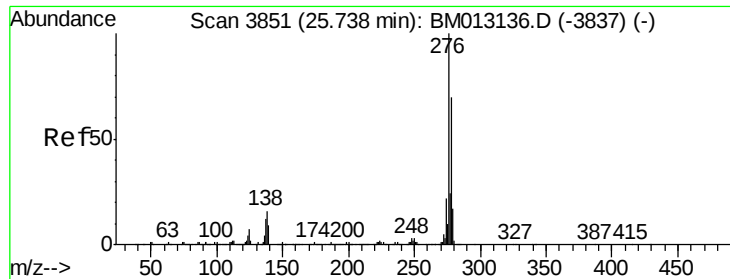
Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

125 9.9 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.58 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

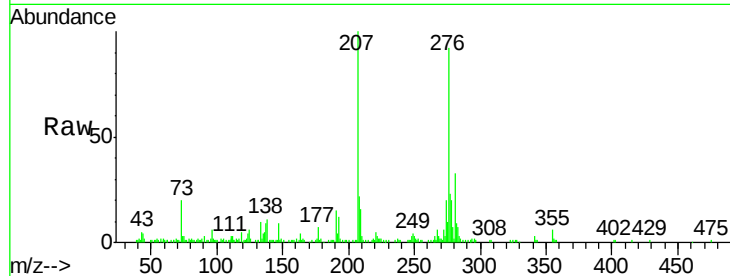
Tot Ion:276 Resp: 160199

Ion Ratio Lower Upper

276 100

138 11.8 9.3 13.9

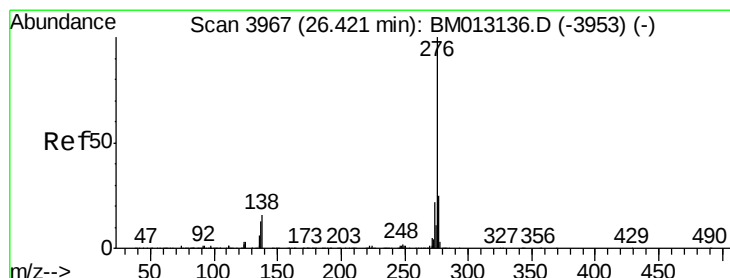
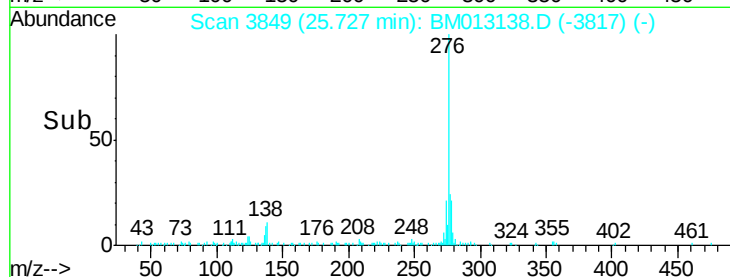
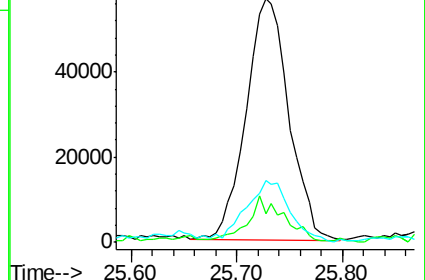
277 25.2 19.9 29.9



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



#91

Benzo(g,h,i)perylene

Concen: 2.70 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

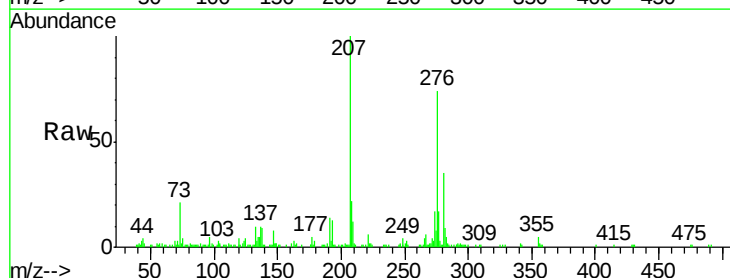
Tgt Ion:276 Resp: 139262

Ion Ratio Lower Upper

276 100

138 12.6 8.5 12.7

277 23.1 18.6 28.0



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

