

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013092.D
 Acq On : 22 Nov 2017 19:08
 Operator : SJ/JU
 Sample : I6514-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 23 06:18:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 23 06:16:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	231842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	952325	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	527469	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1062269	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	950047	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	891847	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	51316	10.25	ng/uL	0.00
5) Phenol-d5	6.90	99	612834	30.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	360198	31.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	503707	31.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	523416	31.82	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	260513	38.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	287022	44.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	509243	31.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	487901	28.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1494554	32.30	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1910157	32.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	212201	30.24	ng/ul	0.00
57) Fluorene-d10	15.35	176	1244071	31.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	194809	42.30	ng/ul	0.00
70) Anthracene-d10	17.20	188	1815815	33.39	ng/ul	0.00
76) Pyrene-d10	19.49	212	1739149	35.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1599135	35.36	ng/ul	0.00

Target Compounds

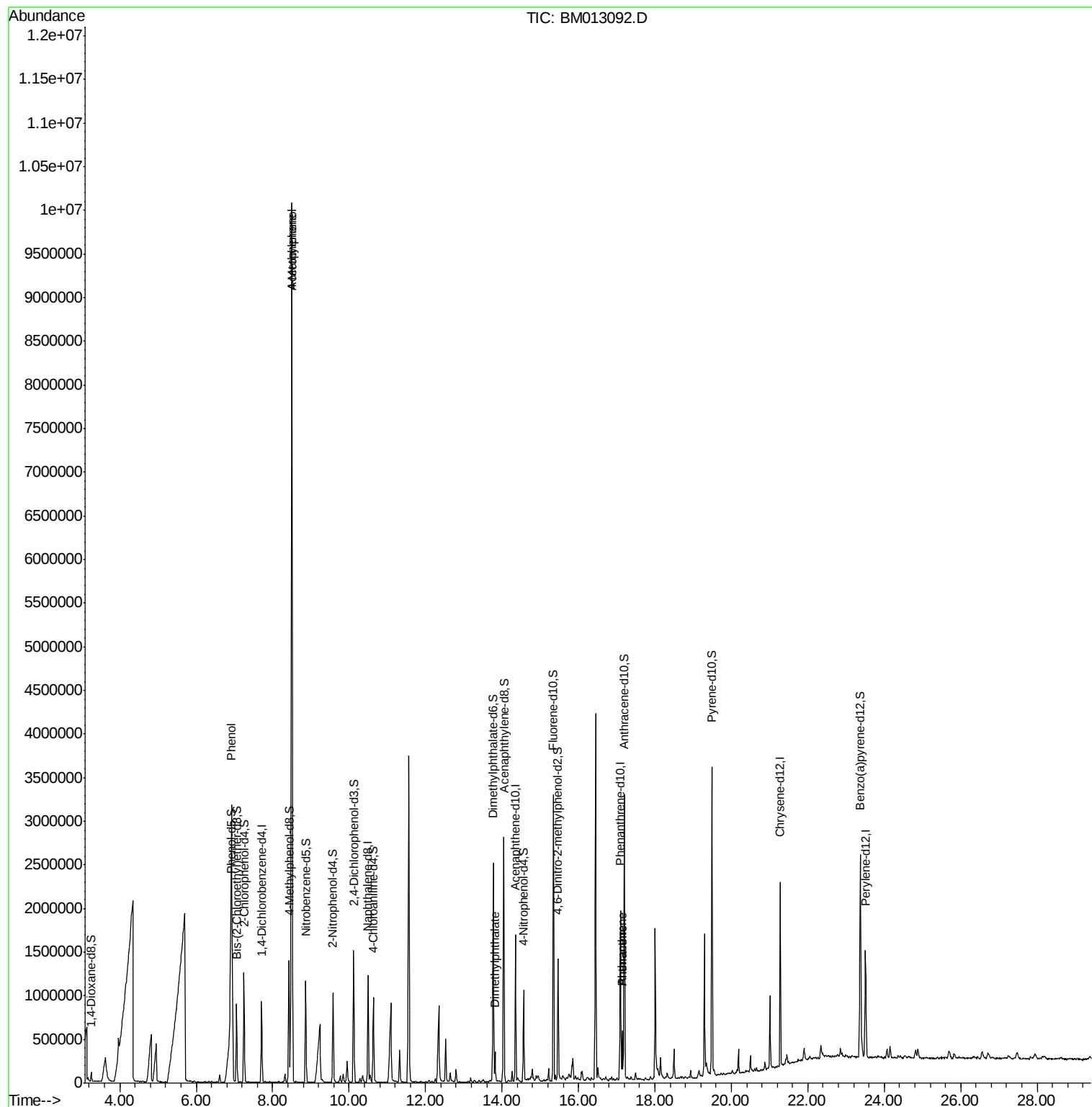
						Ovalue
6) Phenol	6.92	94	1180398	59.55	ng/ul#	85
14) Acetophenone	8.50	105	37712	1.50	ng/ul#	1
16) 4-Methylphenol	8.50	108	3934670	246.28	ng/ul	97
44) Dimethylphthalate	13.82	163	198066	4.48	ng/ul	98
69) Phenanthrene	17.14	178	127503	2.13	ng/ul	97
71) Anthracene	17.14	178	127503	2.06	ng/ul	98

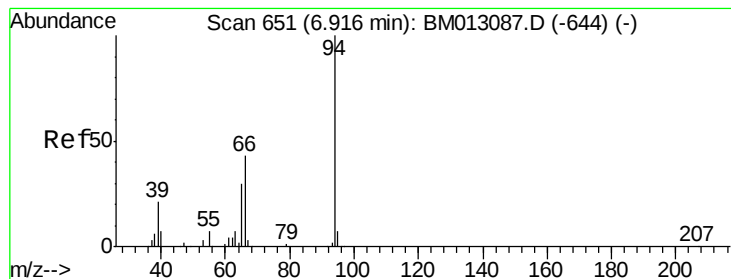
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 59.55 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013092.D

Acq: 22 Nov 2017 19:08

Instrument :

BNA_M

ClientSampled :

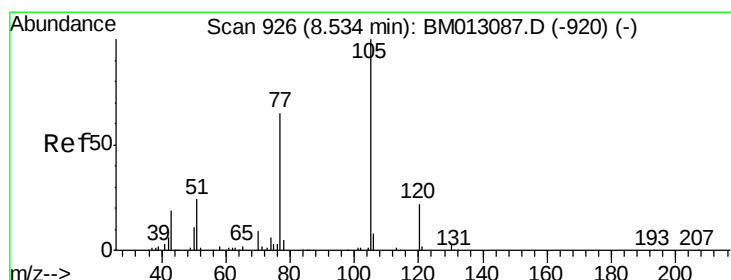
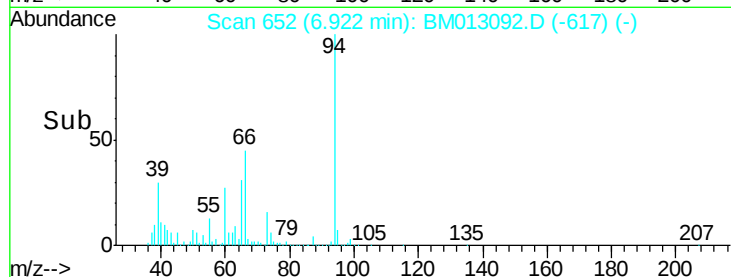
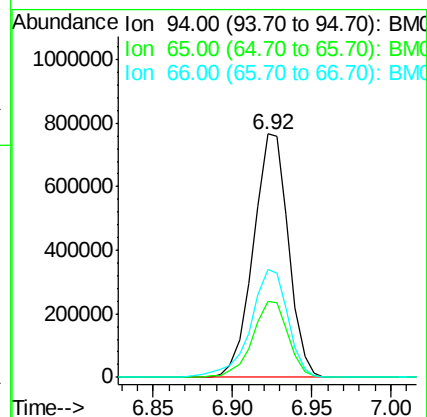
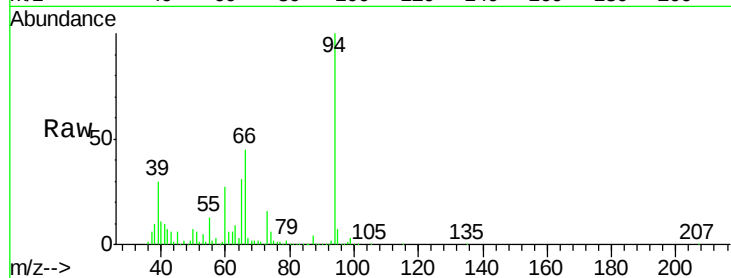
Tot Ion: 94 Resp: 1180398

Ion Ratio Lower Upper

94 100

65 31.3 28.2 42.4

66 44.6 47.2 70.8#



#14

Acetophenone

Concen: 1.50 ng/ul

RT: 8.50 min Scan# 921

Delta R.T. -0.03 min

Lab File: BM013092.D

Acq: 22 Nov 2017 19:08

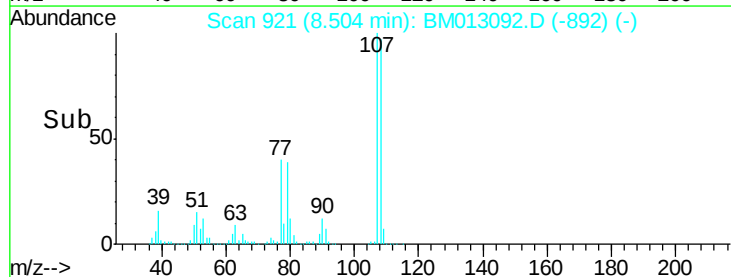
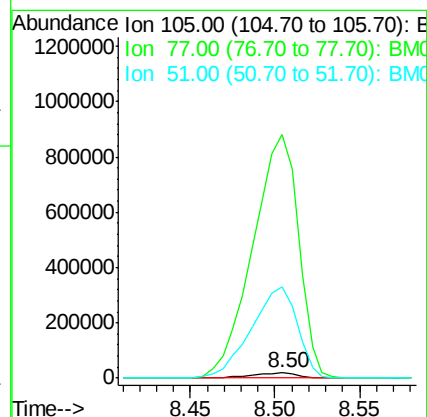
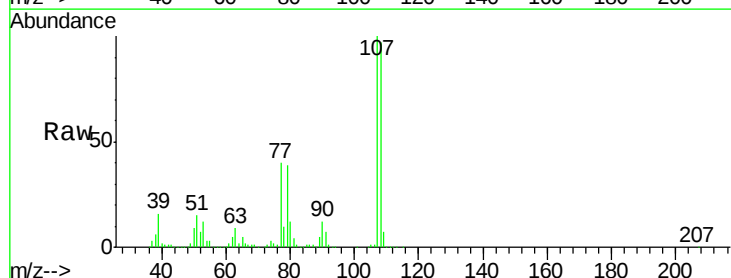
Tgt Ion: 105 Resp: 37712

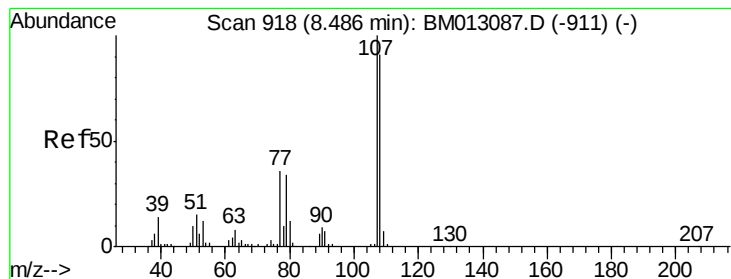
Ion Ratio Lower Upper

105 100

77 4475.4 74.2 111.4#

51 1667.6 23.4 35.2#





#16

4-Methylphenol

Concen: 246.28 ng/ul

RT: 8.50 min Scan# 921

Delta R.T. 0.02 min

Lab File: BM013092.D

Acq: 22 Nov 2017 19:08

Instrument :

BNA_M

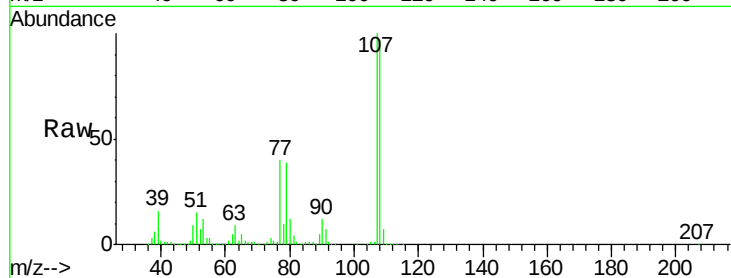
ClientSampled :

Tot Ion:108 Resp: 3934670

Ion Ratio Lower Upper

108 100

107 103.4 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

2500000

2000000

1500000

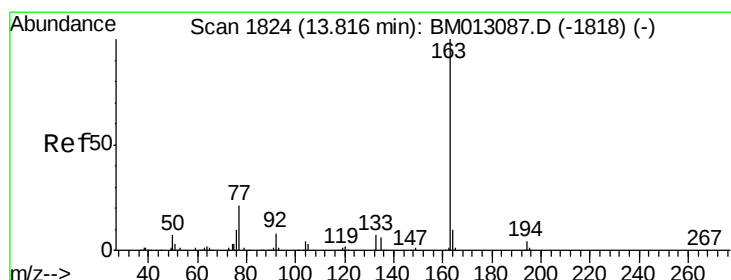
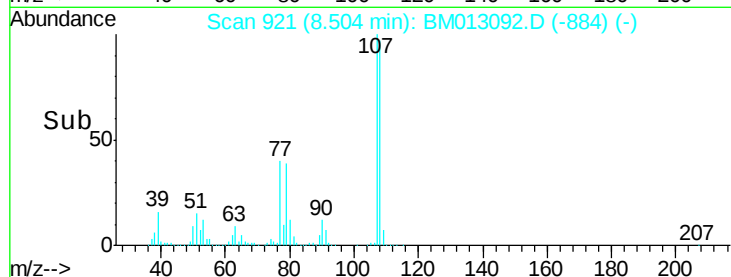
1000000

500000

0

8.40 8.45 8.50 8.55

Time-->



#44

Dimethylphthalate

Concen: 4.48 ng/ul

RT: 13.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM013092.D

Acq: 22 Nov 2017 19:08

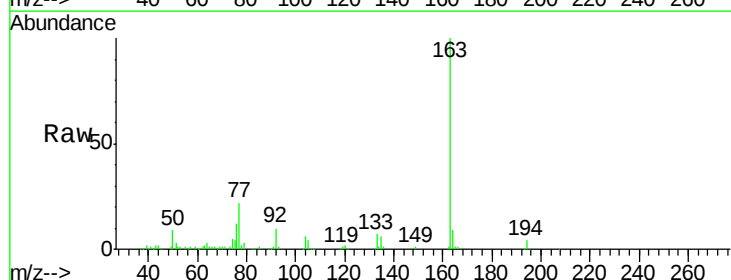
Tgt Ion:163 Resp: 198066

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.0 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

200000

150000

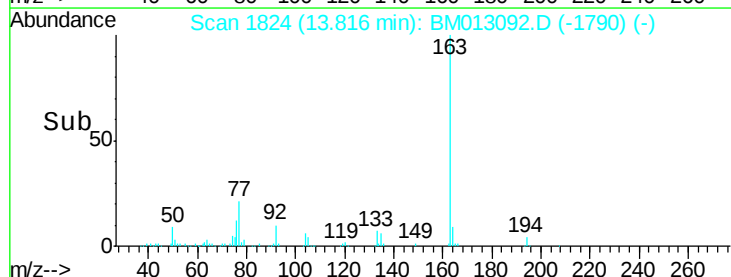
100000

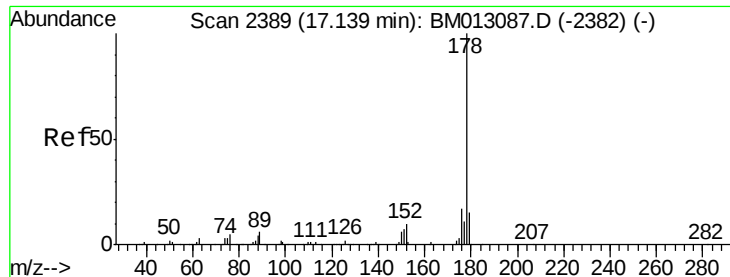
50000

0

13.75 13.80 13.85

Time-->





#69

Phenanthrene

Concen: 2.13 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM013092.D

Acq: 22 Nov 2017 19:08

Instrument :

BNA_M

ClientSampled :

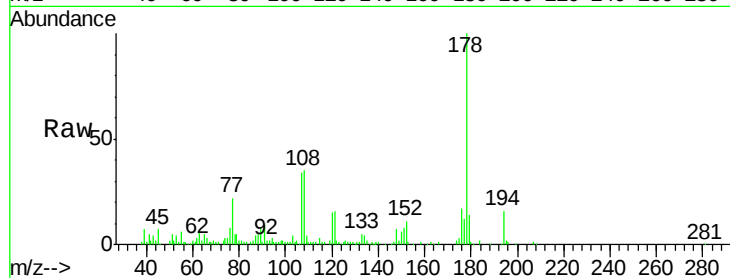
Tot Ion:178 Resp: 127503

Ion Ratio Lower Upper

178 100

179 14.5 12.6 19.0

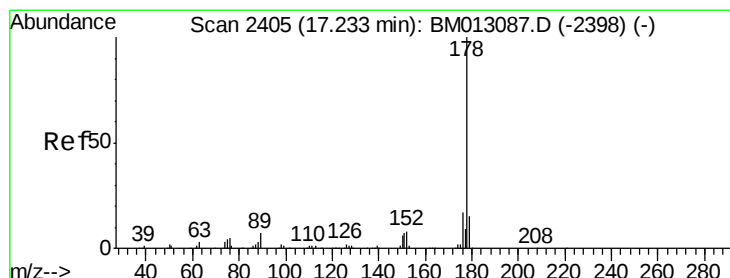
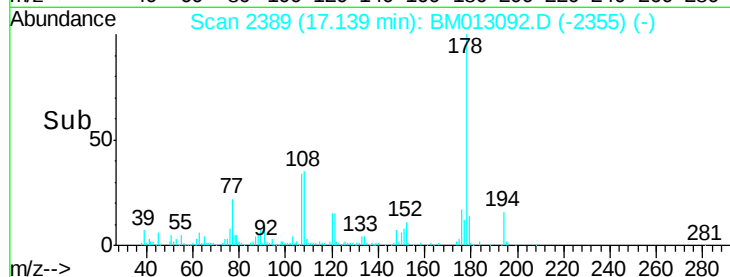
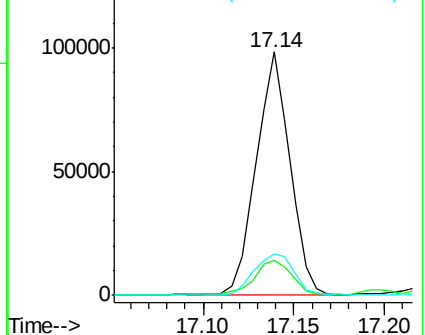
176 17.1 14.9 22.3



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: 2.06 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BM013092.D

Acq: 22 Nov 2017 19:08

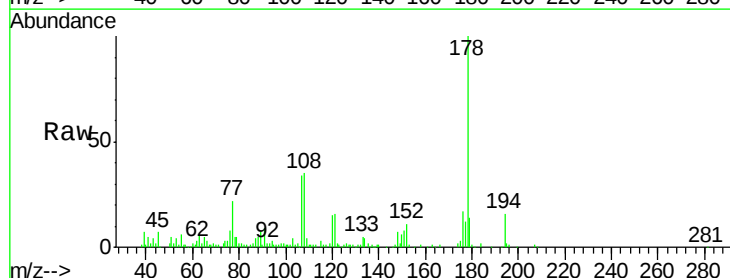
Tgt Ion:178 Resp: 127503

Ion Ratio Lower Upper

178 100

179 14.5 11.7 17.5

176 17.1 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

