

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013675.D
 Acq On : 20 Jan 2018 11:07
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AE6

Quant Time: Jan 22 01:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 00:40:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	136741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	554073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	309926	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	703406	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	773866	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	764880	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	13694	3.96	ng/uL	0.00
5) Phenol-d5	6.79	99	284220	27.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	175025	27.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	237785	27.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	232640	28.83	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	125136	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	135673	29.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	240594	27.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	300953	39.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	784257	30.70	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	987275	30.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	73240	17.64	ng/ul	0.00
57) Fluorene-d10	15.26	176	655260	29.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	84086	19.86	ng/ul	0.00
70) Anthracene-d10	17.12	188	1025169	29.92	ng/ul	0.00
76) Pyrene-d10	19.42	212	1141881	31.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1135142	32.29	ng/ul	0.00

Target Compounds

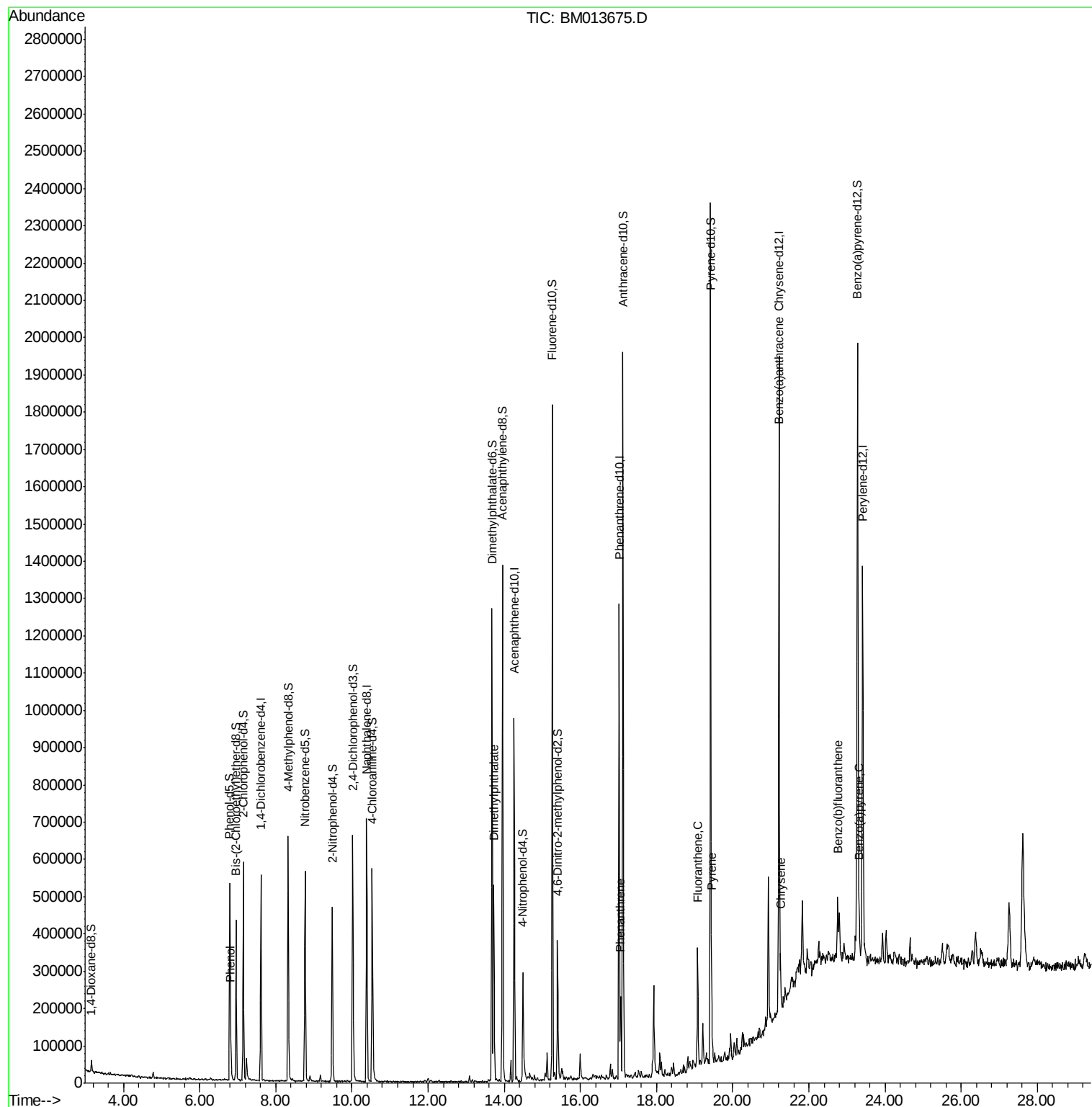
				Ovalue	
6) Phenol	6.82	94	38852	3.690	ng/ul# 86
44) Dimethylphthalate	13.73	163	309086	12.307	ng/ul# 98
69) Phenanthrene	17.06	178	126310	3.230	ng/ul 97
74) Fluoranthene	19.08	202	177454	3.802	ng/ul# 95
77) Pyrene	19.44	202	178185	3.787	ng/ul# 93
80) Benzo(a)anthracene	21.20	228	73014	1.561	ng/ul 97
82) Chrysene	21.25	228	76929	1.793	ng/ul 96
85) Benzo(b)fluoranthene	22.76	252	75096	1.599	ng/ul# 90
88) Benzo(a)pyrene	23.32	252	62963	1.419	ng/ul# 96

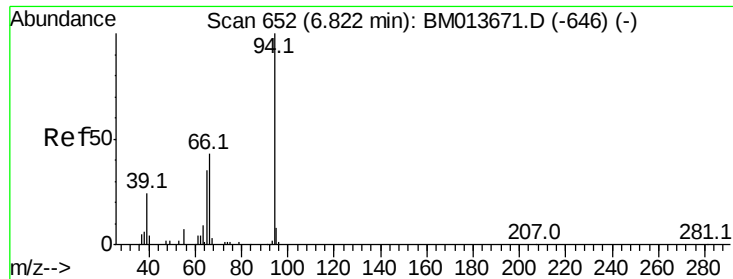
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.690 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

Instrument :

BNA_M

ClientSampleId :

B0AE6

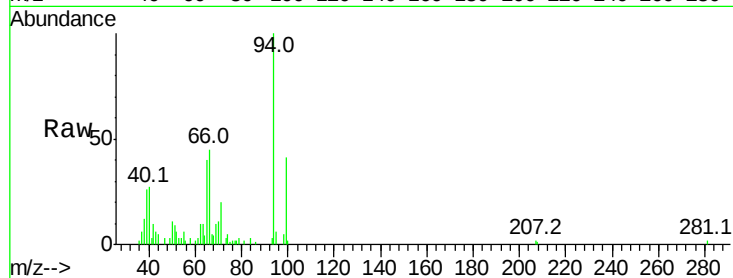
Tot Ion: 94 Resp: 38852

Ion Ratio Lower Upper

94 100

65 39.9 28.2 42.4

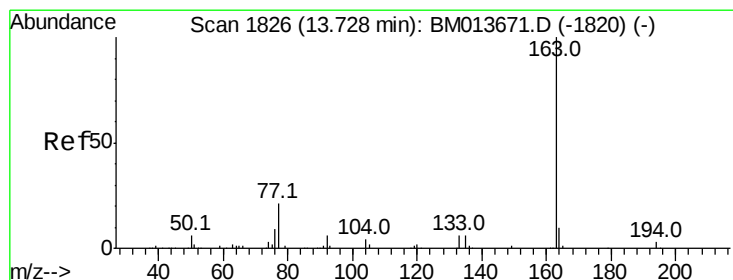
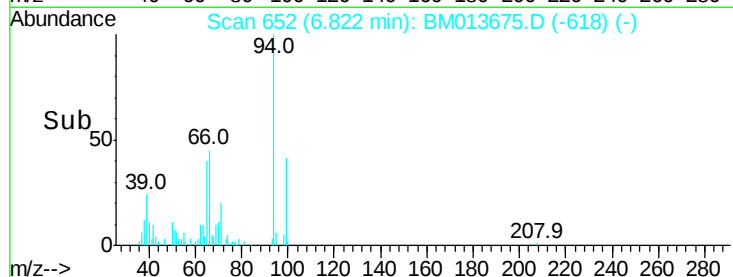
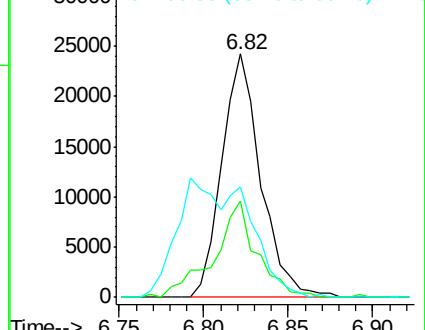
66 45.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013671.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM013671.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM013671.D (-646) (-)



#44

Dimethylphthalate

Concen: 12.307 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

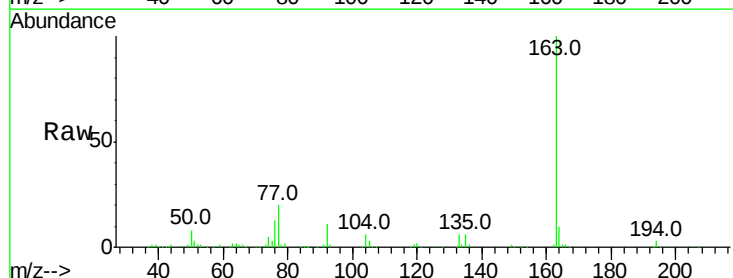
Tgt Ion:163 Resp: 309086

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

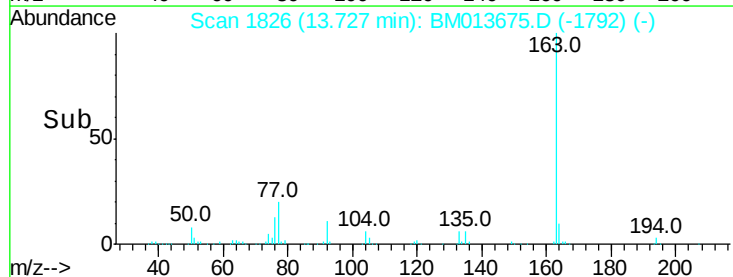
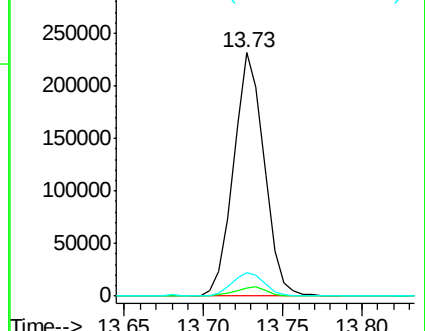
164 9.8 8.2 12.4

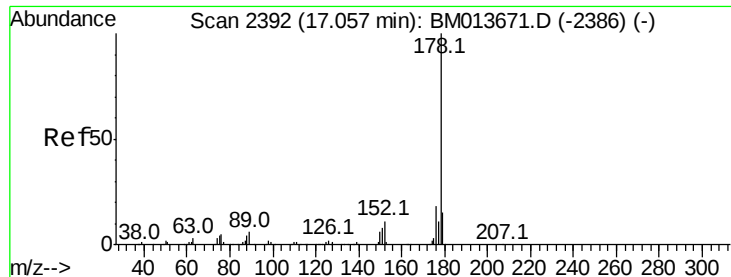


Abundance Ion 163.00 (162.70 to 163.70): BM013671.D (-1820) (-)

Ion 194.00 (193.70 to 194.70): BM013671.D (-1820) (-)

Ion 164.00 (163.70 to 164.70): BM013671.D (-1820) (-)





#69

Phenanthrene

Concen: 3.230 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

Instrument :

BNA_M

ClientSampleId :

B0AE6

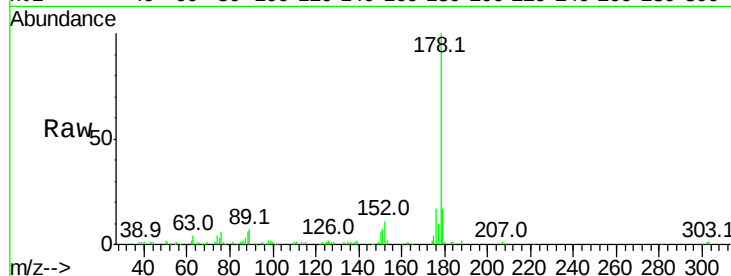
Tot Ion:178 Resp: 126310

Ion Ratio Lower Upper

178 100

179 16.9 12.6 19.0

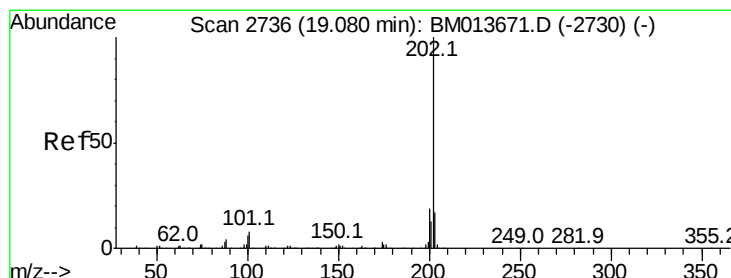
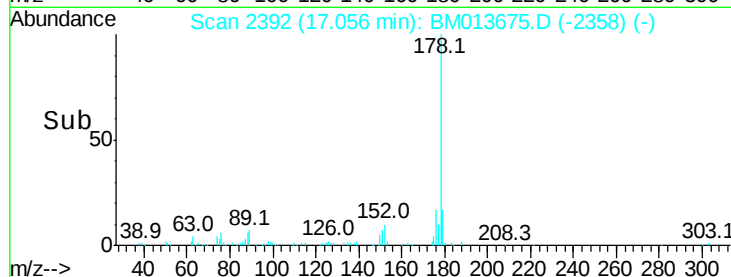
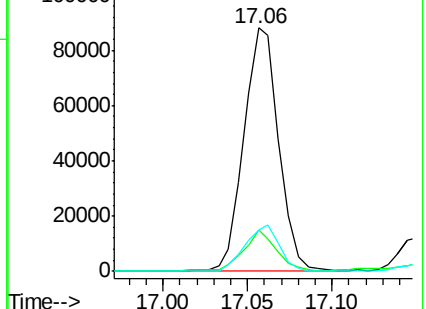
176 17.0 14.9 22.3



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



#74

Fluoranthene

Concen: 3.802 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

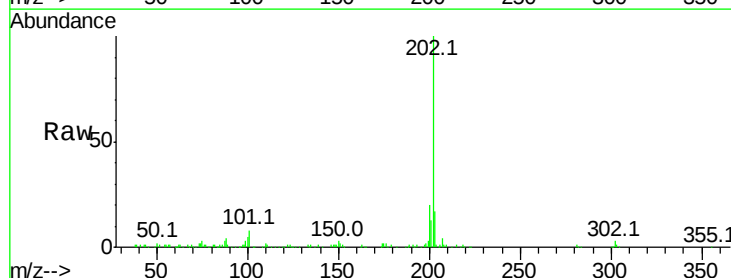
Tgt Ion:202 Resp: 177454

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

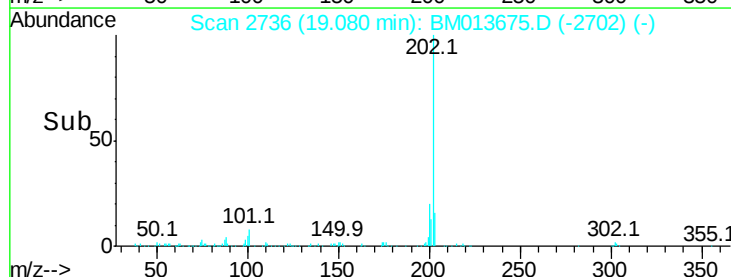
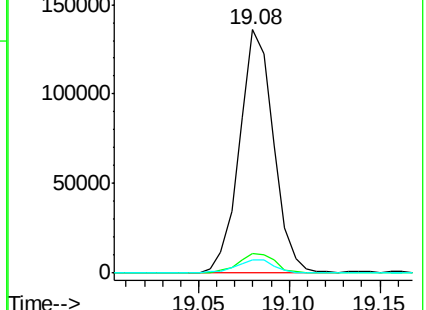
100 5.2 3.4 5.2#

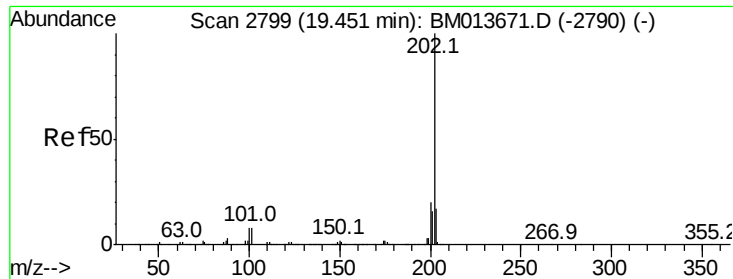


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.787 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

Instrument :

BNA_M

ClientSampleId :

B0AE6

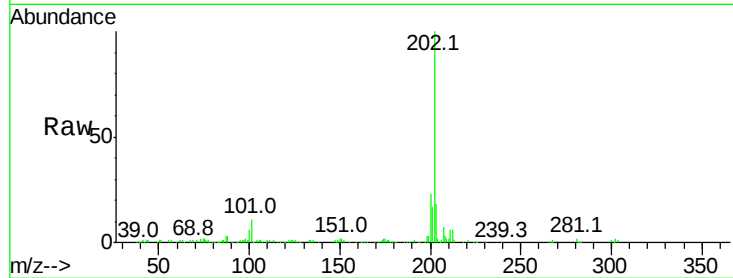
Tot Ion:202 Resp: 178185

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

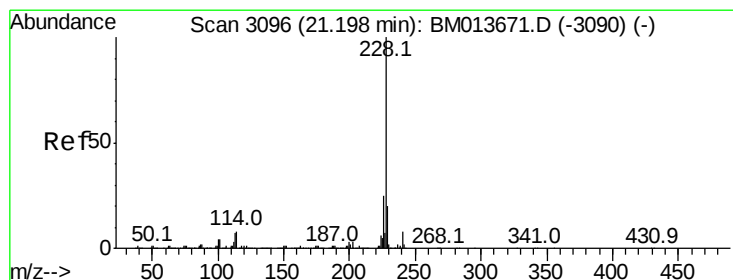
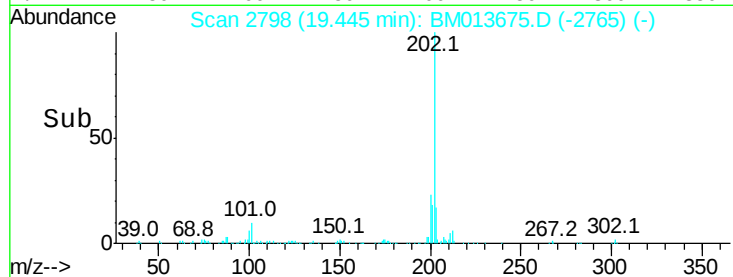
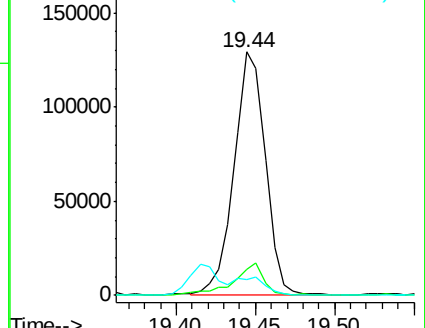
100 6.3 4.9 7.3



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: 1.561 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

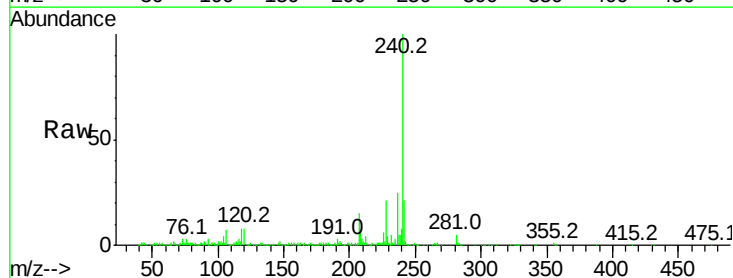
Tgt Ion:228 Resp: 73014

Ion Ratio Lower Upper

228 100

229 20.8 15.4 23.0

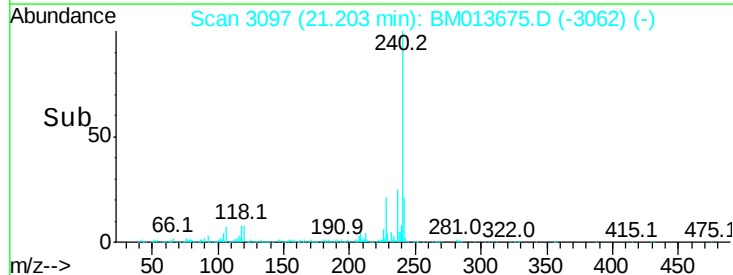
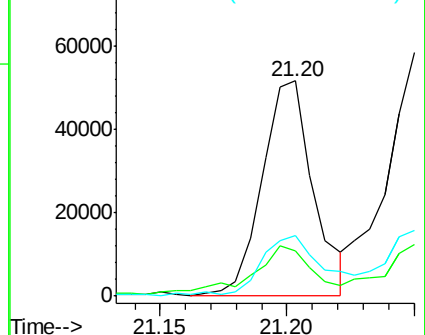
226 28.3 21.4 32.0

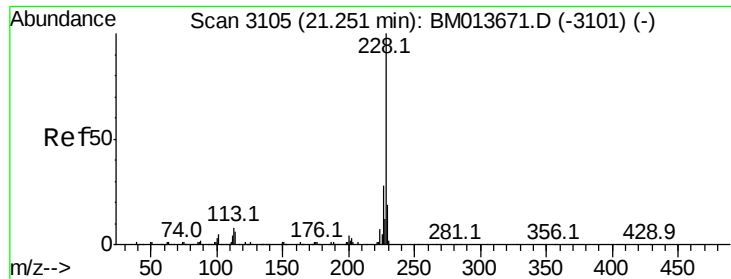


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.793 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

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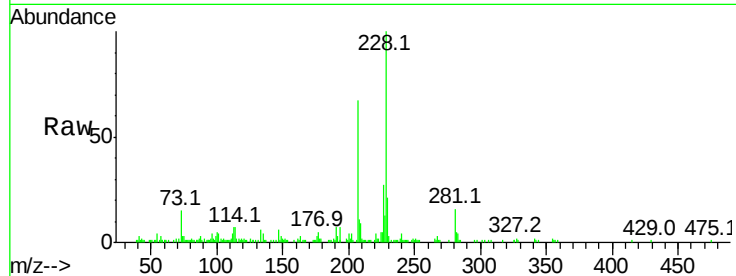
Tot Ion:228 Resp: 76929

Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.2

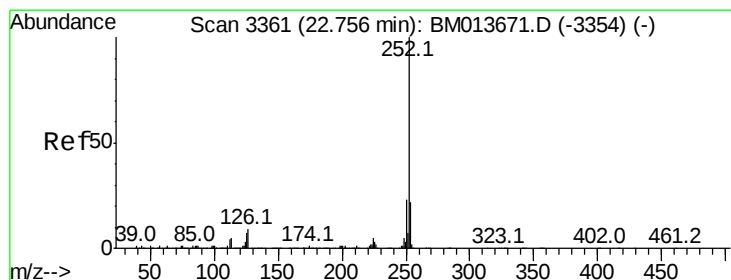
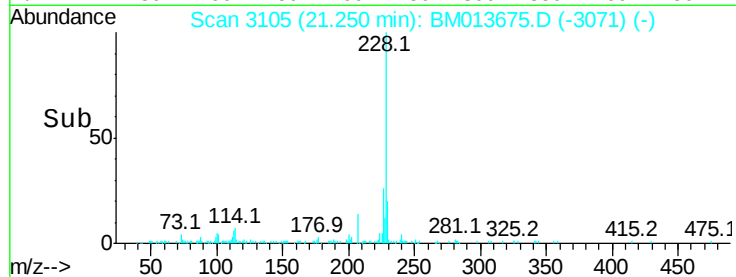
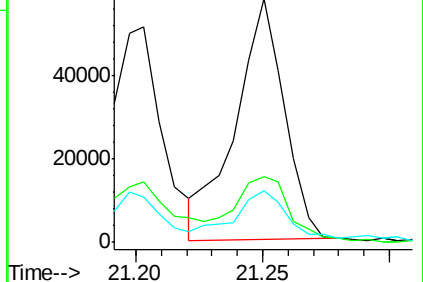
229 21.4 15.5 23.3



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: 1.599 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BM013675.D

Acq: 20 Jan 2018 11:07

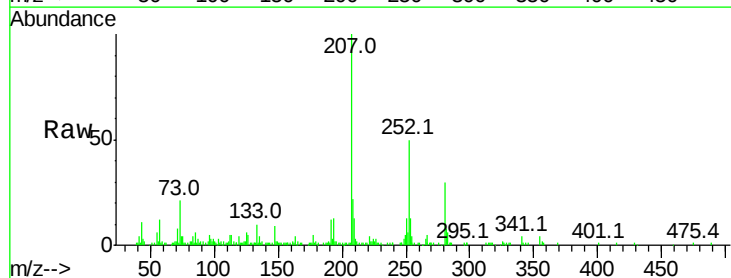
Tgt Ion:252 Resp: 75096

Ion Ratio Lower Upper

252 100

253 25.9 17.9 26.9

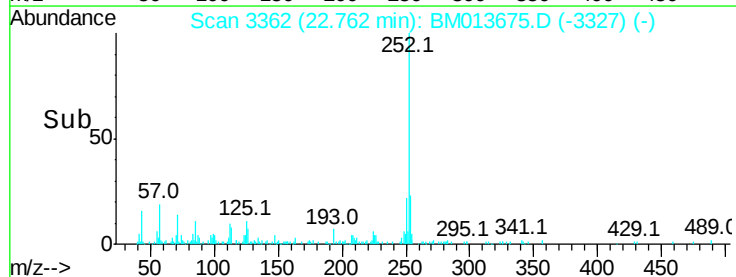
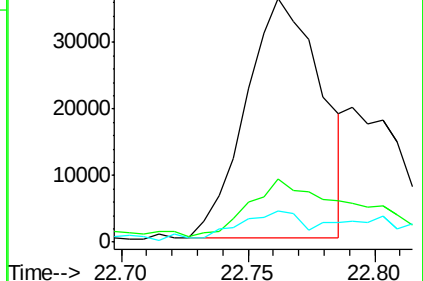
125 13.0 3.6 5.4#

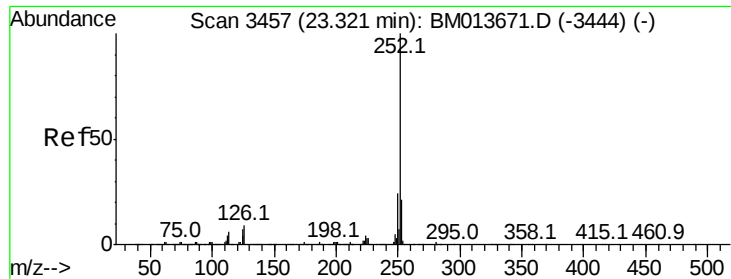


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.419 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.00 min

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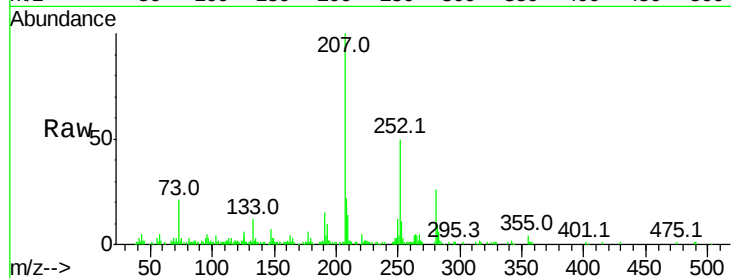
Tot Ion:252 Resp: 62963

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 7.8 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

