

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
 Data File : BM007806.D
 Acq On : 09 Nov 2016 20:29
 Operator : UM/SJ
 Sample : H5554-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N91

Quant Time: Nov 09 23:37:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 23:34:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	197432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	737705	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	456446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	882205	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1076206	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1112515	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	21692	4.71	ng/uL	0.00
5) Phenol-d5	6.92	99	406943	26.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	247605	27.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	331532	28.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	279599	23.45	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	157481	29.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	176047	31.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	310737	28.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	349246	27.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	953792	30.69	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1145857	30.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	109551	22.29	ng/ul	0.00
57) Fluorene-d10	15.37	176	821117	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	111405	21.26	ng/ul	0.00
70) Anthracene-d10	17.22	188	1214279	30.54	ng/ul	0.00
76) Pyrene-d10	19.52	212	1443530	32.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1538839	31.68	ng/ul	0.00

Target Compounds

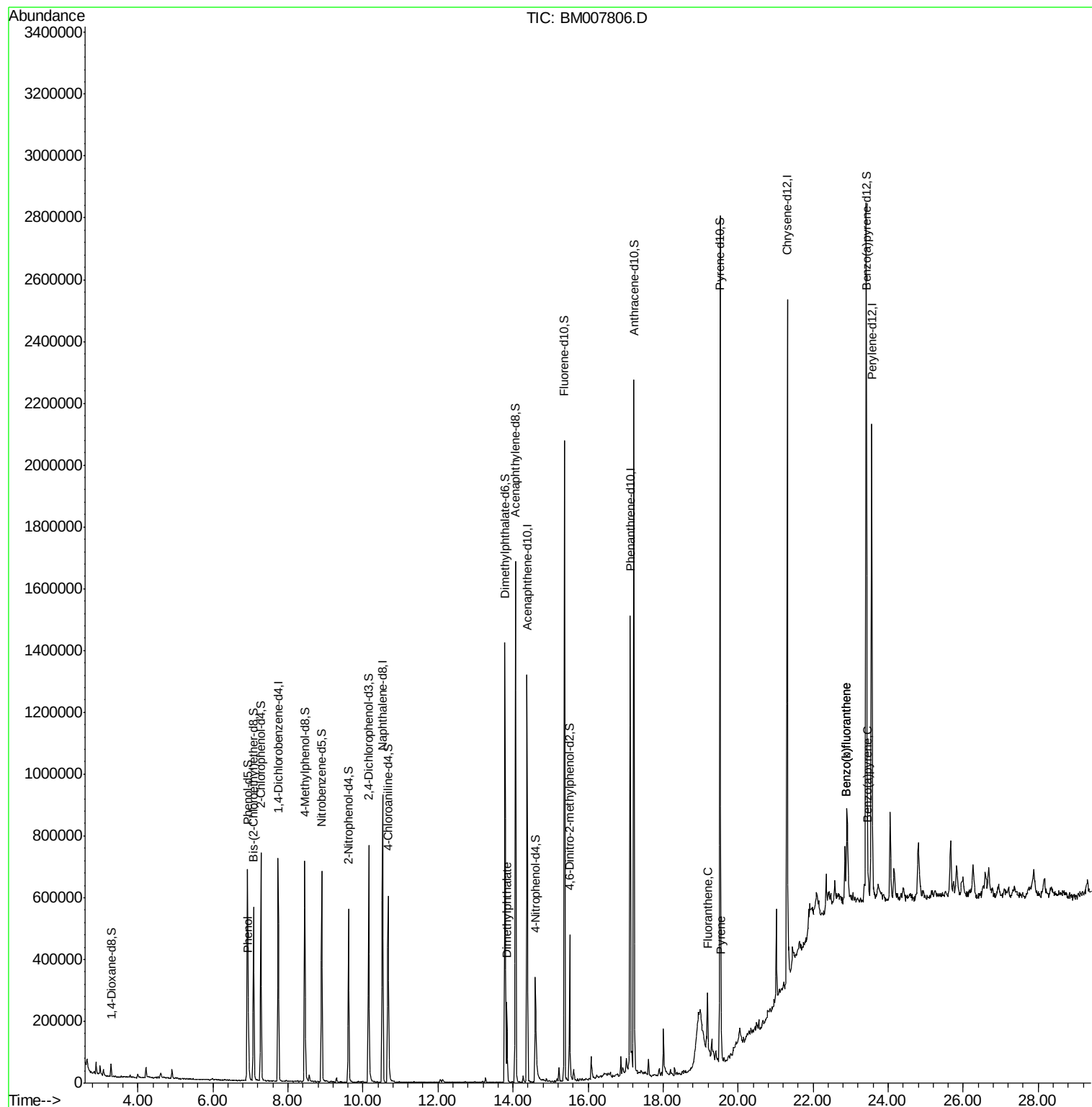
						Qvalue
6) Phenol	6.95	94	95249	6.09	ng/ul	97
44) Dimethylphthalate	13.84	163	162203	5.37	ng/ul	98
74) Fluoranthene	19.19	202	106926	1.95	ng/ul	99
77) Pyrene	19.55	202	95182	1.71	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	84256	1.33	ng/ul#	89
86) Benzo(k)fluoranthene	22.89	252	84256	1.44	ng/ul#	90
88) Benzo(a)pyrene	23.46	252	60220	1.01	ng/ul#	94

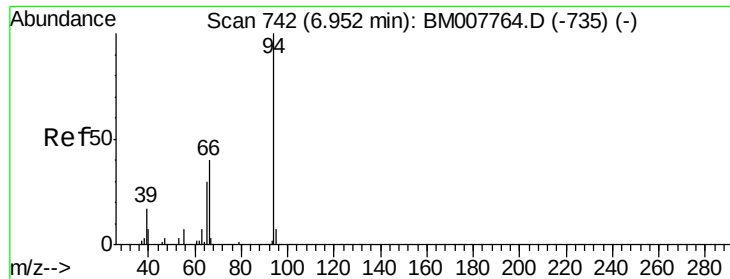
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.09 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM007806.D

Acq: 09 Nov 2016 20:29

Instrument :

BNA_M

ClientSampleId :

E5N91

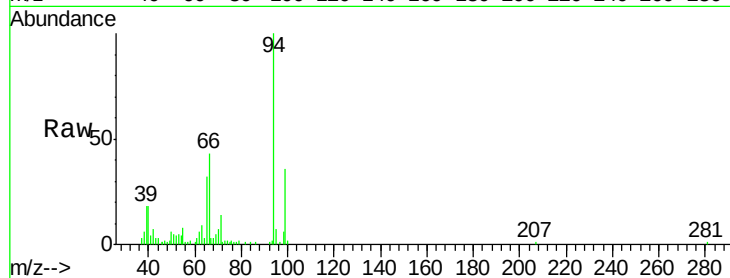
Tgt Ion: 94 Resp: 95249

Ion Ratio Lower Upper

94 100

65 31.5 23.9 35.9

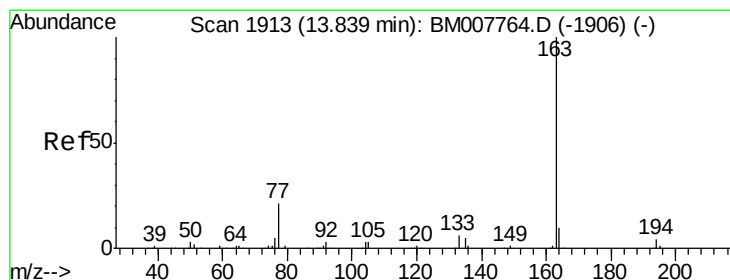
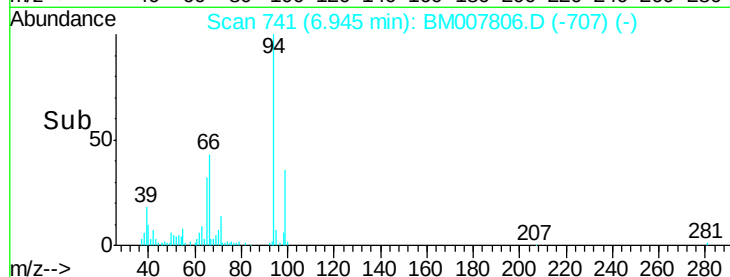
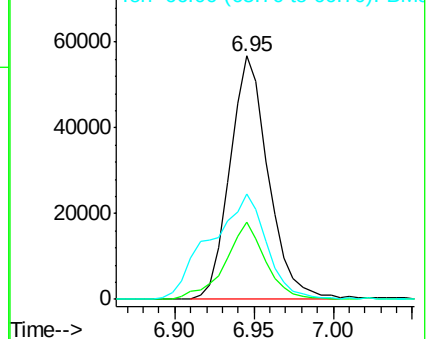
66 43.5 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007764.D (-735) (-)

Ion 65.00 (64.70 to 65.70): BM007764.D (-735) (-)

Ion 66.00 (65.70 to 66.70): BM007764.D (-735) (-)



#44

Dimethylphthalate

Concen: 5.37 ng/ul

RT: 13.84 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BM007806.D

Acq: 09 Nov 2016 20:29

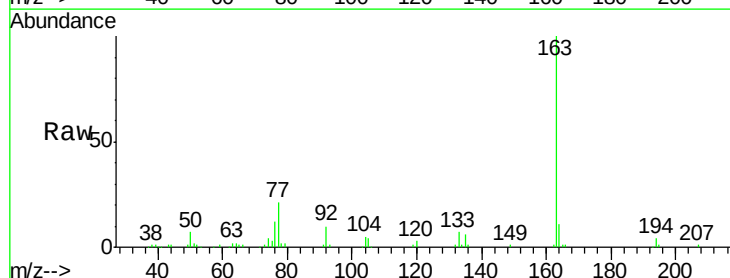
Tgt Ion: 163 Resp: 162203

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

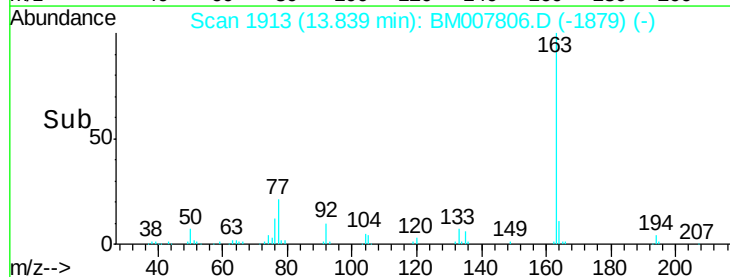
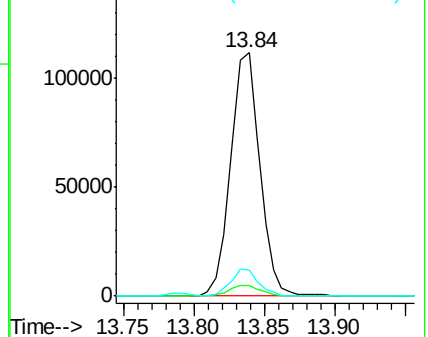
164 10.8 7.8 11.8

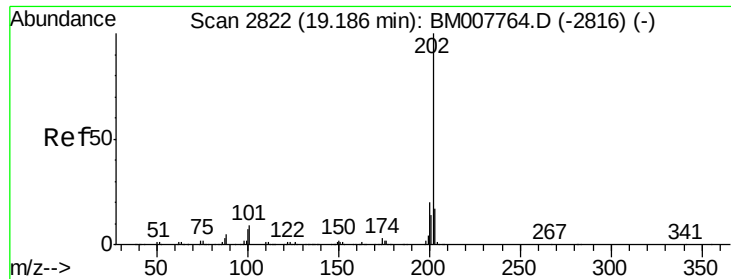


Abundance Ion 163.00 (162.70 to 163.70): BM007764.D (-1906) (-)

Ion 194.00 (193.70 to 194.70): BM007764.D (-1906) (-)

Ion 164.00 (163.70 to 164.70): BM007764.D (-1906) (-)

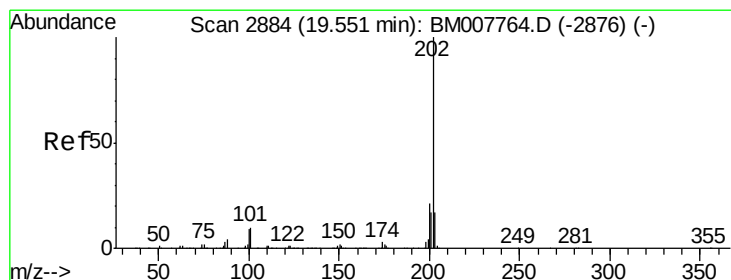
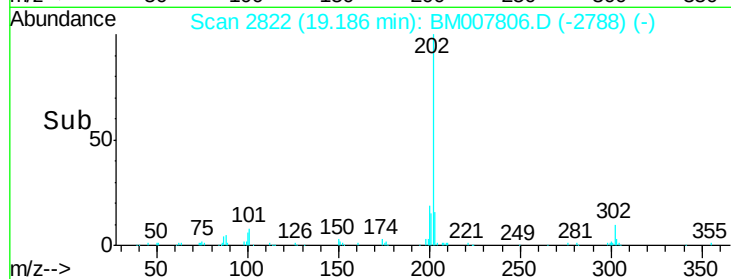
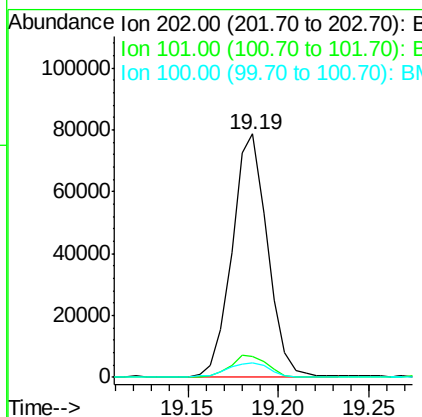
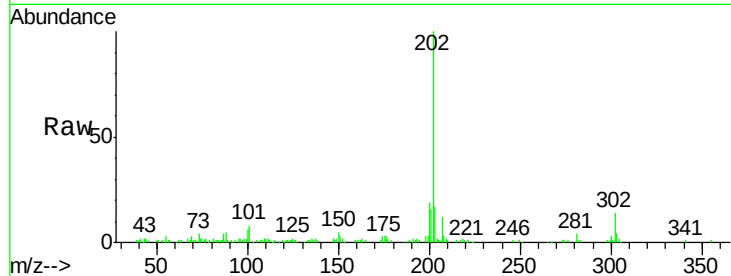




#74
 Fluoranthene
 Concen: 1.95 ng/ul
 RT: 19.19 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BM007806.D
 Acq: 09 Nov 2016 20:29

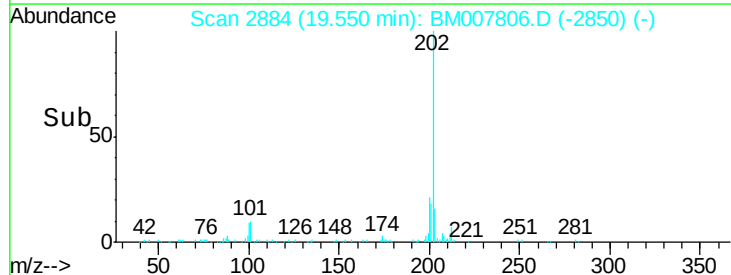
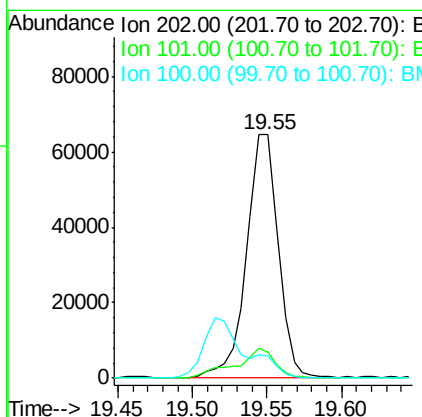
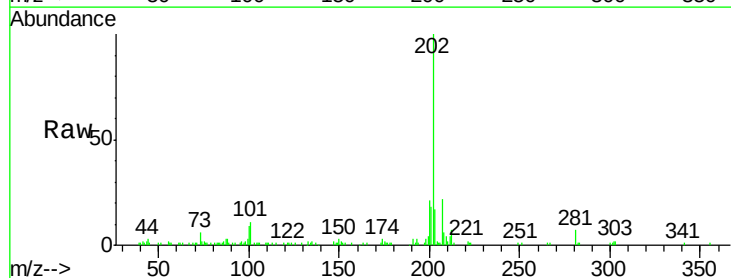
Instrument :
 BNA_M
 ClientSampled :
 E5N91

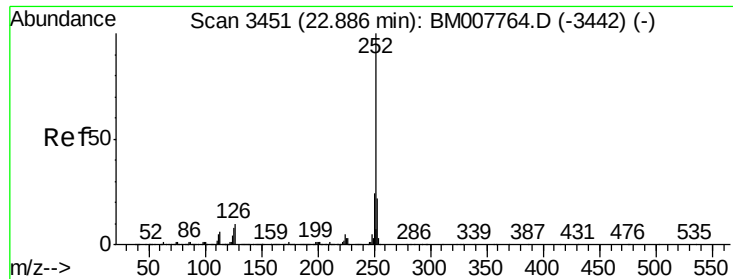
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
100	6.2	5.4	8.0



#77
 Pyrene
 Concen: 1.71 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BM007806.D
 Acq: 09 Nov 2016 20:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.4	12.6
100	8.9	6.9	10.3





#85

Benzo(b)fluoranthene

Concen: 1.33 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM007806.D

Acq: 09 Nov 2016 20:29

Instrument :

BNA_M

ClientSampled :

E5N91

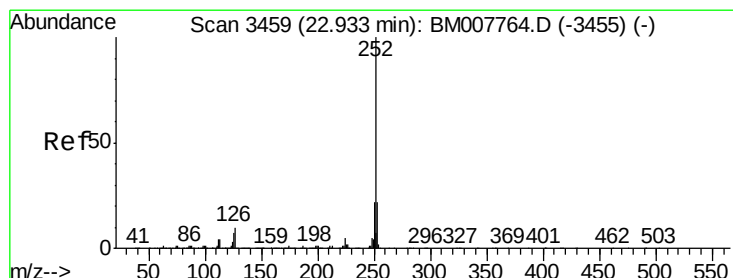
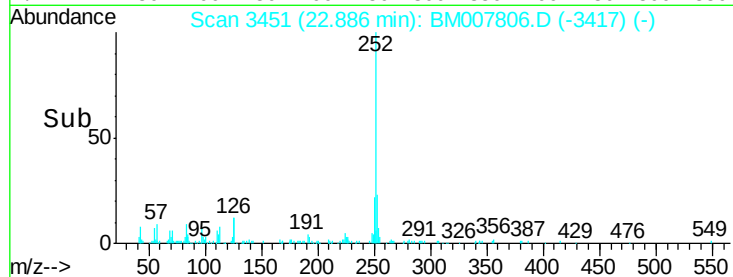
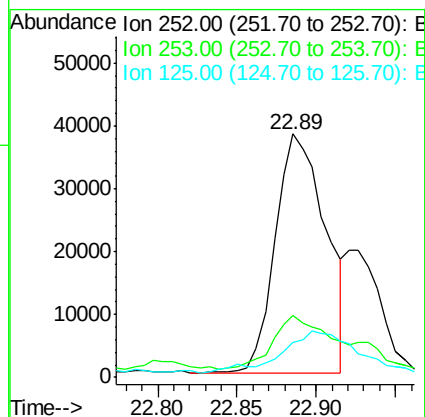
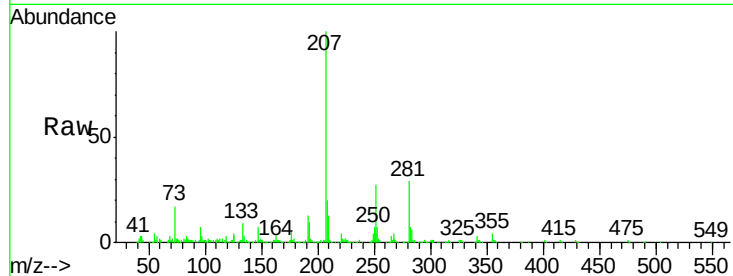
Tgt Ion:252 Resp: 84256

Ion Ratio Lower Upper

252 100

253 25.3 17.1 25.7

125 14.4 5.8 8.8#



#86

Benzo(k)fluoranthene

Concen: 1.44 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. -0.05 min

Lab File: BM007806.D

Acq: 09 Nov 2016 20:29

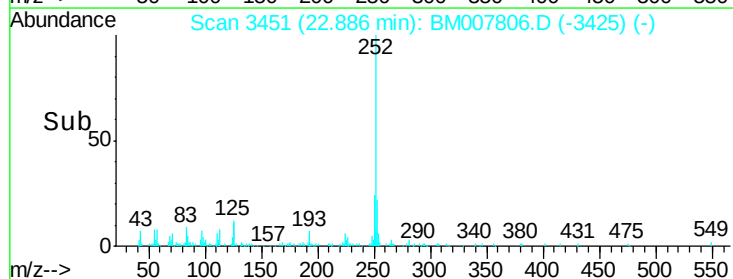
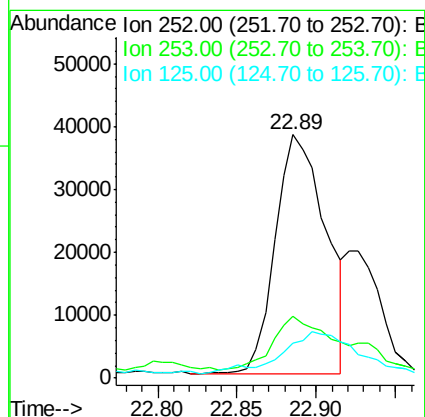
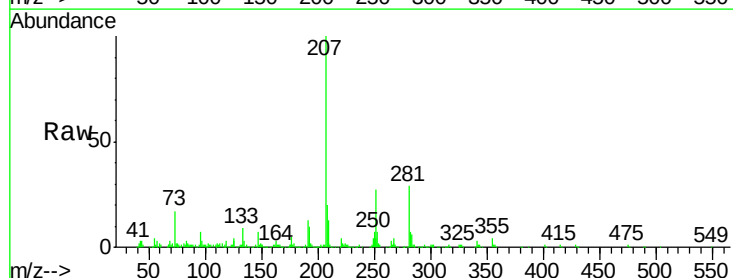
Tgt Ion:252 Resp: 84256

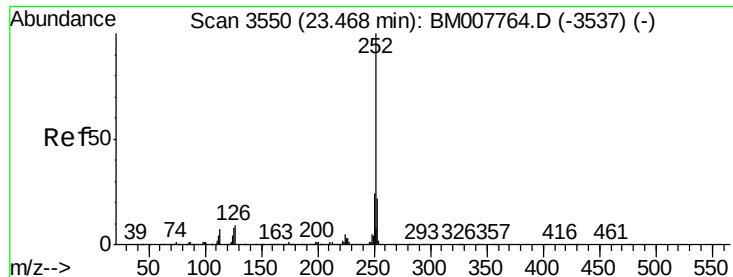
Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

125 14.4 5.7 8.5#





#88

Benzo(a)pyrene

Concen: 1.01 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BM007806.D

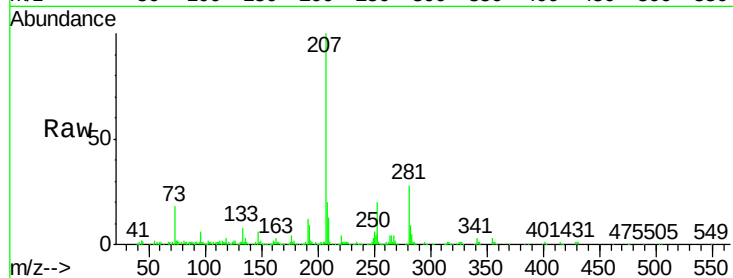
Acq: 09 Nov 2016 20:29

Instrument :

BNA_M

ClientSampleId :

E5N91



Tgt Ion:	252	Resp:	60220
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	11.5	6.6	9.8#

