

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012364.D
 Acq On : 21 Oct 2017 18:13
 Operator : SJ/JU
 Sample : I5756-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:08:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	172939	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	789033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	509471	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1208098	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1476582	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1361720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	17670	4.86	ng/uL	0.00
5) Phenol-d5	6.94	99	365981	26.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	224266	26.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	322135	27.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	304284	25.19	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	156850	26.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	187962	26.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	351420	26.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	422705	33.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1274365	28.30	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1542852	28.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	106994	15.81	ng/ul	0.01
57) Fluorene-d10	15.42	176	1096439	29.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	138486	16.70	ng/ul	0.00
70) Anthracene-d10	17.27	188	1724673	28.87	ng/ul	0.00
76) Pyrene-d10	19.57	212	2134006	28.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1912188	29.13	ng/ul	0.00

Target Compounds

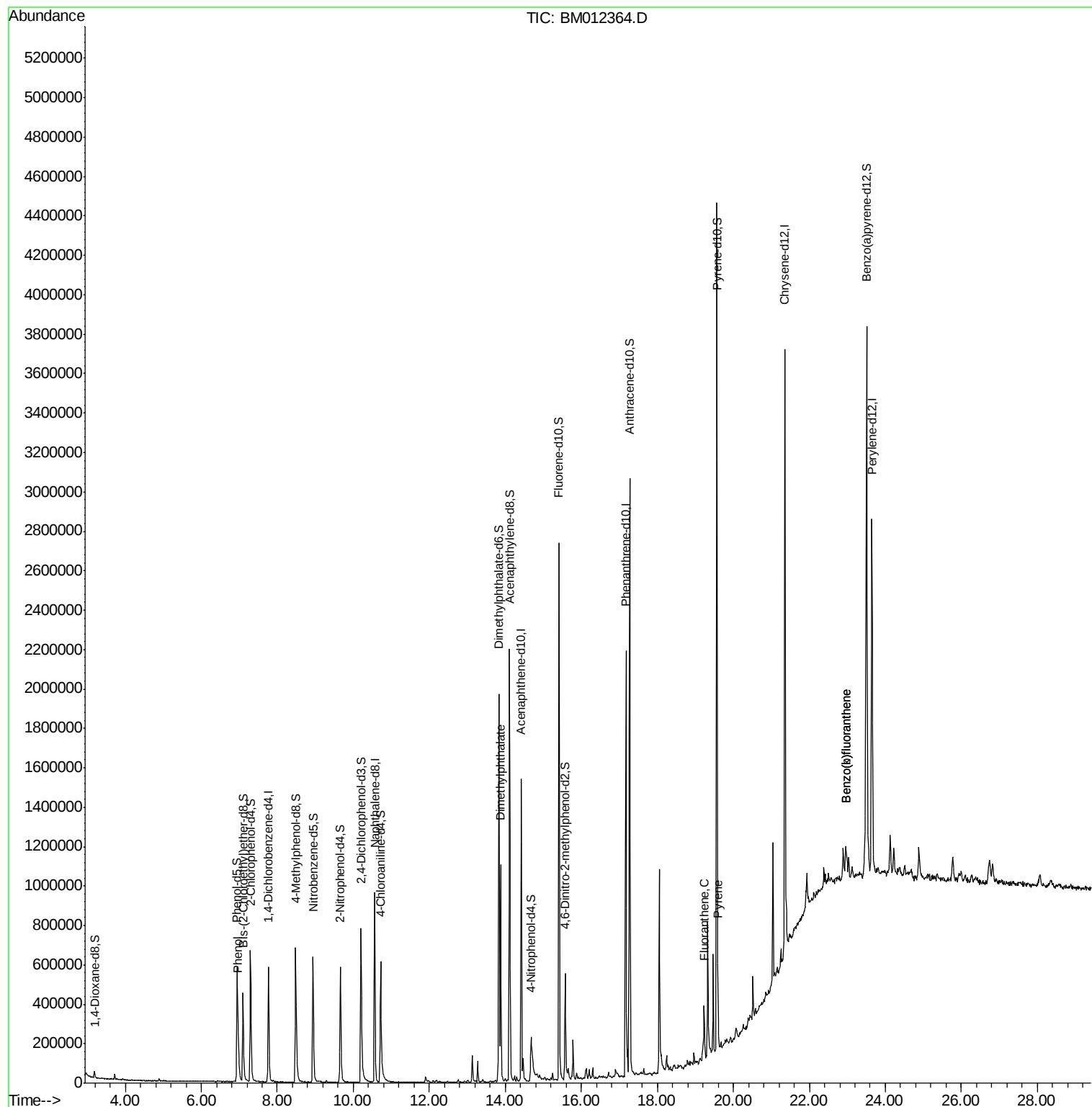
				Ovalue	
6) Phenol	6.97	94	93782	6.465	ng/ul# 89
44) Dimethylphthalate	13.88	163	700317	15.524	ng/ul 99
74) Fluoranthene	19.24	202	144375	1.741	ng/ul# 97
77) Pyrene	19.59	202	153503	1.574	ng/ul# 95
85) Benzo(b)fluoranthene	22.97	252	101328	1.140	ng/ul# 92
86) Benzo(k)fluoranthene	22.97	252	101328	1.183	ng/ul# 93

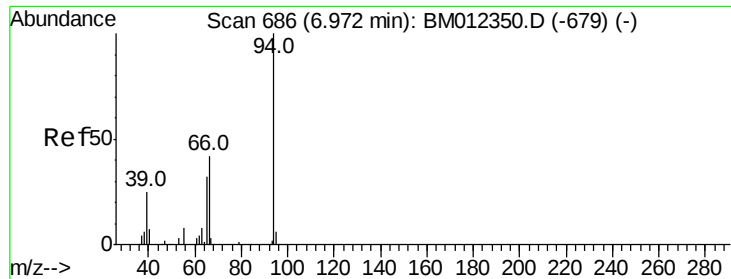
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.465 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM012364.D

Acq: 21 Oct 2017 18:13

Instrument :

BNA_M

ClientSampleId :

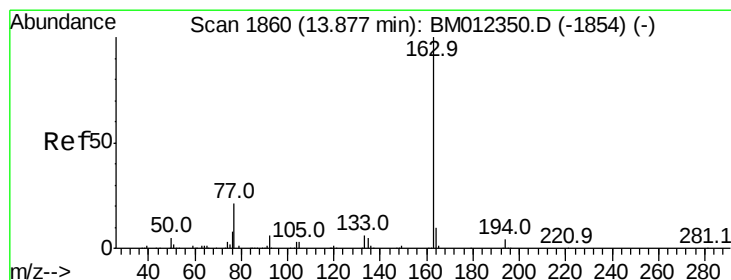
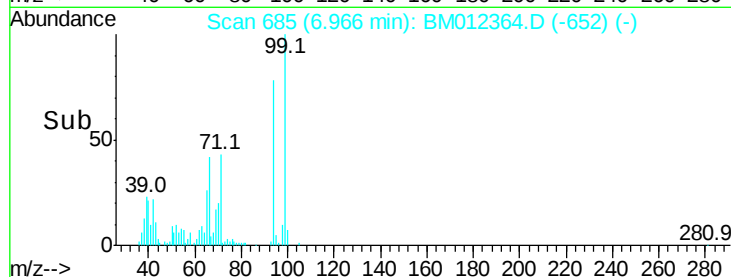
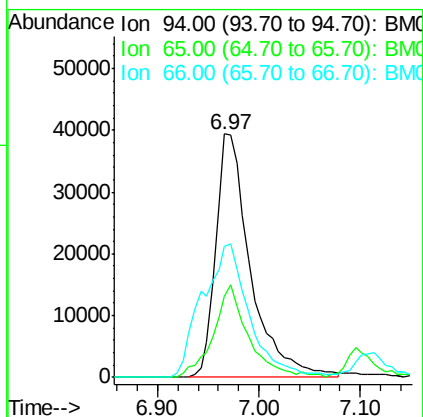
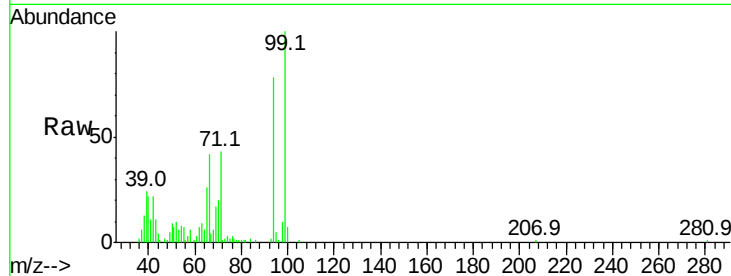
Tot Ion: 94 Resp: 93782

Ion Ratio Lower Upper

94 100

65 33.4 24.4 36.6

66 53.6 35.0 52.4#



#44

Dimethylphthalate

Concen: 15.524 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM012364.D

Acq: 21 Oct 2017 18:13

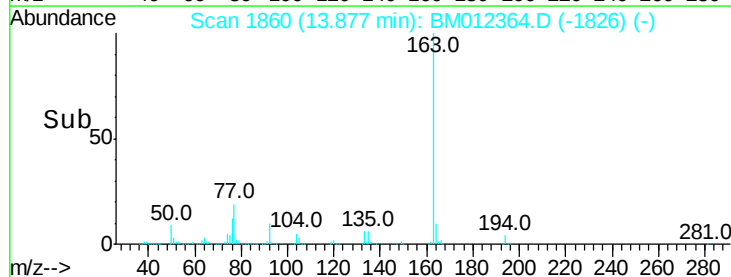
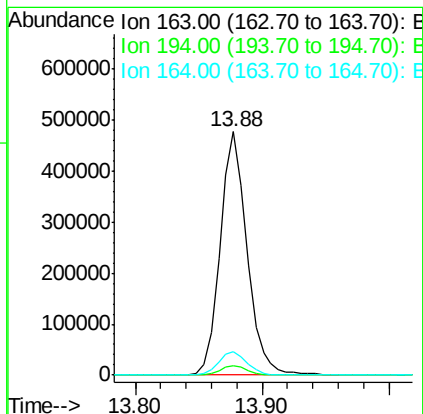
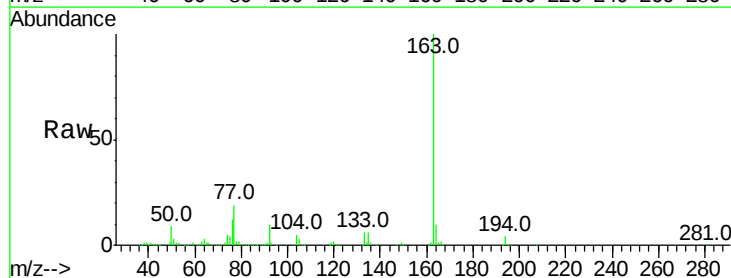
Tgt Ion:163 Resp: 700317

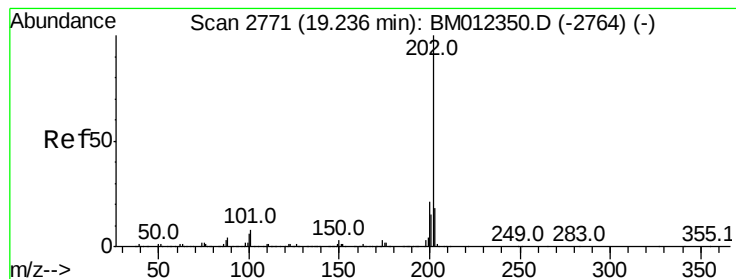
Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

164 9.7 8.1 12.1





#74

Fluoranthene

Concen: 1.741 ng/ul

RT: 19.24 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM012364.D

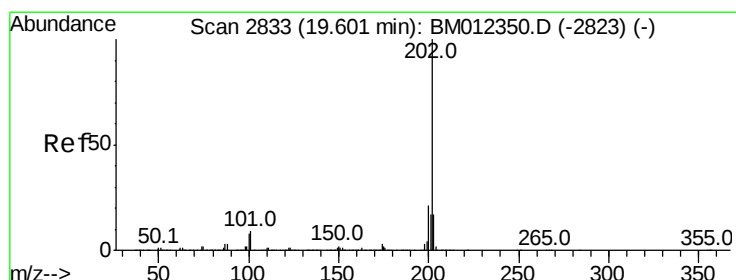
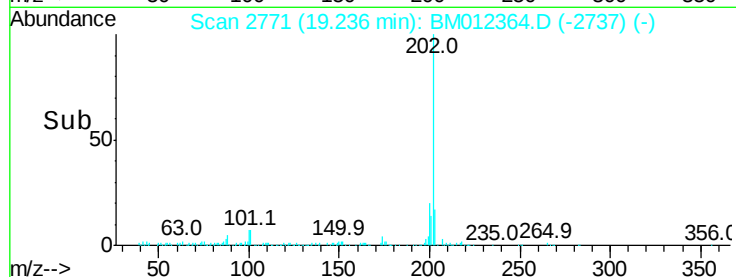
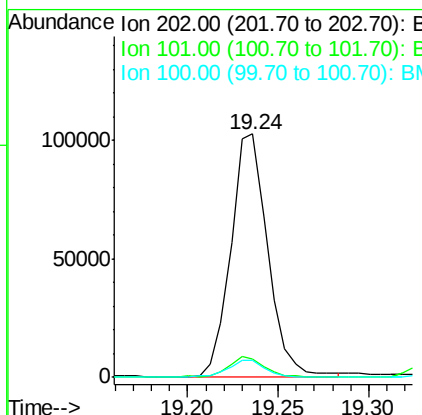
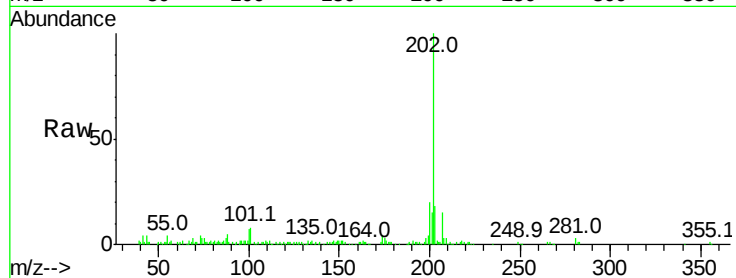
Acq: 21 Oct 2017 18:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	144375
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.8	8.6
100	7.1	4.3	6.5#



#77

Pyrene

Concen: 1.574 ng/ul

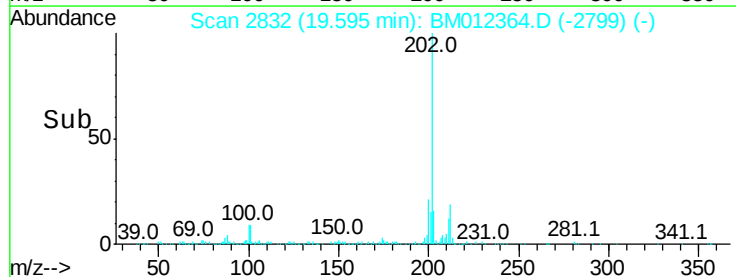
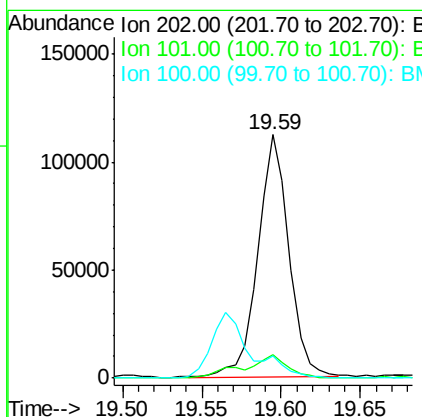
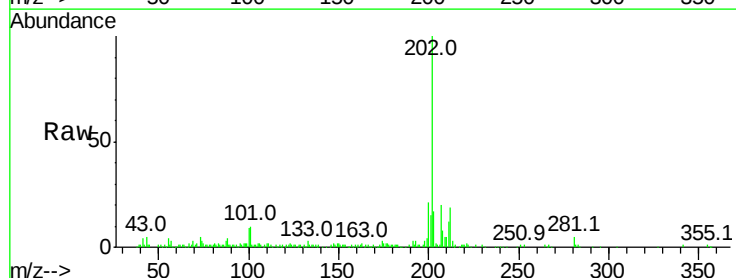
RT: 19.59 min Scan# 2832

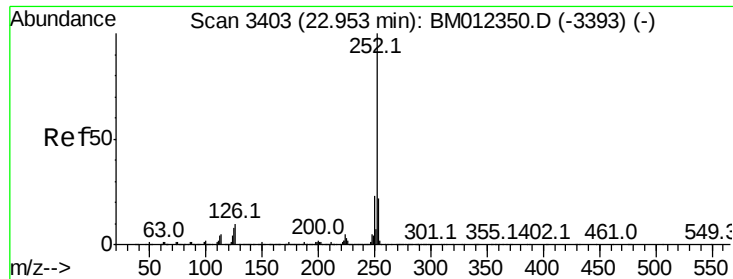
Delta R.T. -0.01 min

Lab File: BM012364.D

Acq: 21 Oct 2017 18:13

Tgt Ion:	202	Resp:	153503
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.5	9.7#
100	9.0	5.6	8.4#





#85

Benzo(b)fluoranthene

Concen: 1.140 ng/ul

RT: 22.97 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM012364.D

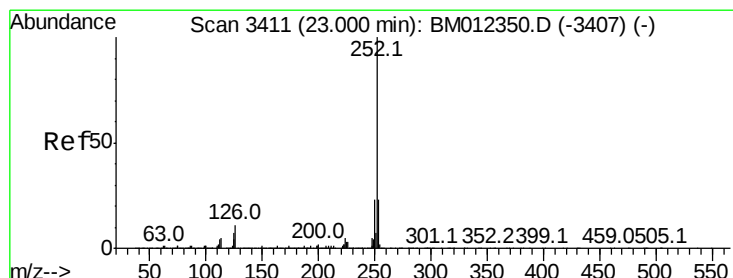
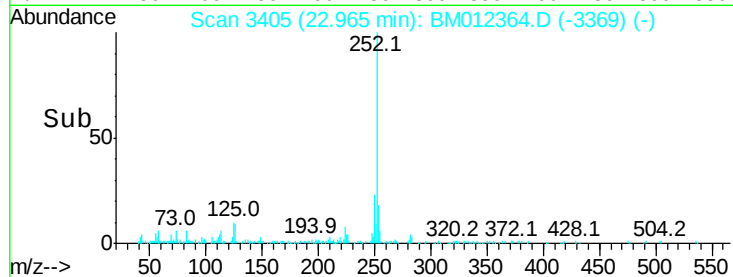
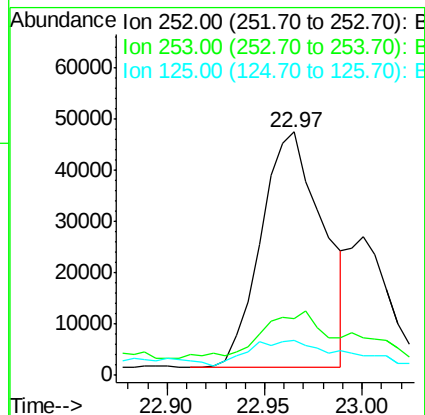
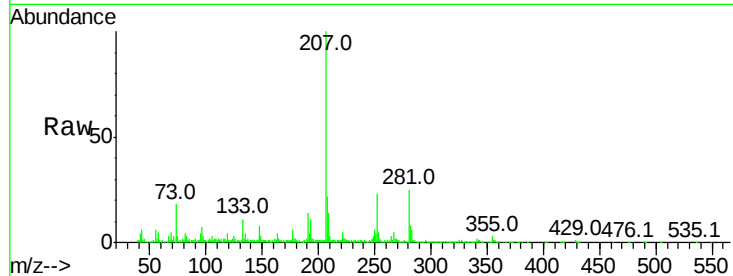
Acq: 21 Oct 2017 18:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	101328
Ion Ratio	Lower	Upper
252	100	
253	23.4	17.4 26.2
125	14.1	5.1 7.7#



#86

Benzo(k)fluoranthene

Concen: 1.183 ng/ul

RT: 22.97 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BM012364.D

Acq: 21 Oct 2017 18:13

Tgt Ion:252	Resp:	101328
Ion Ratio	Lower	Upper
252	100	
253	23.4	17.8 26.6
125	14.1	4.9 7.3#

