

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012386.D
 Acq On : 22 Oct 2017 08:07
 Operator : SJ/JU
 Sample : I5701-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:35:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 08:22:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	314633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1360220	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	835583	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1892196	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1574301	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1292246	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	25686	3.88	ng/uL	0.00
5) Phenol-d5	6.94	99	542220	21.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	345346	22.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	495714	22.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	499759	22.74	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	239130	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	286525	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	531621	22.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	570852	26.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1869772	25.32	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	2208527	24.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	155433	14.00	ng/ul	0.00
57) Fluorene-d10	15.41	176	1582600	26.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	232579	17.91	ng/ul	0.00
70) Anthracene-d10	17.27	188	2284576	24.42	ng/ul	0.00
76) Pyrene-d10	19.57	212	2485218	31.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1572714	25.24	ng/ul	0.00

Target Compounds

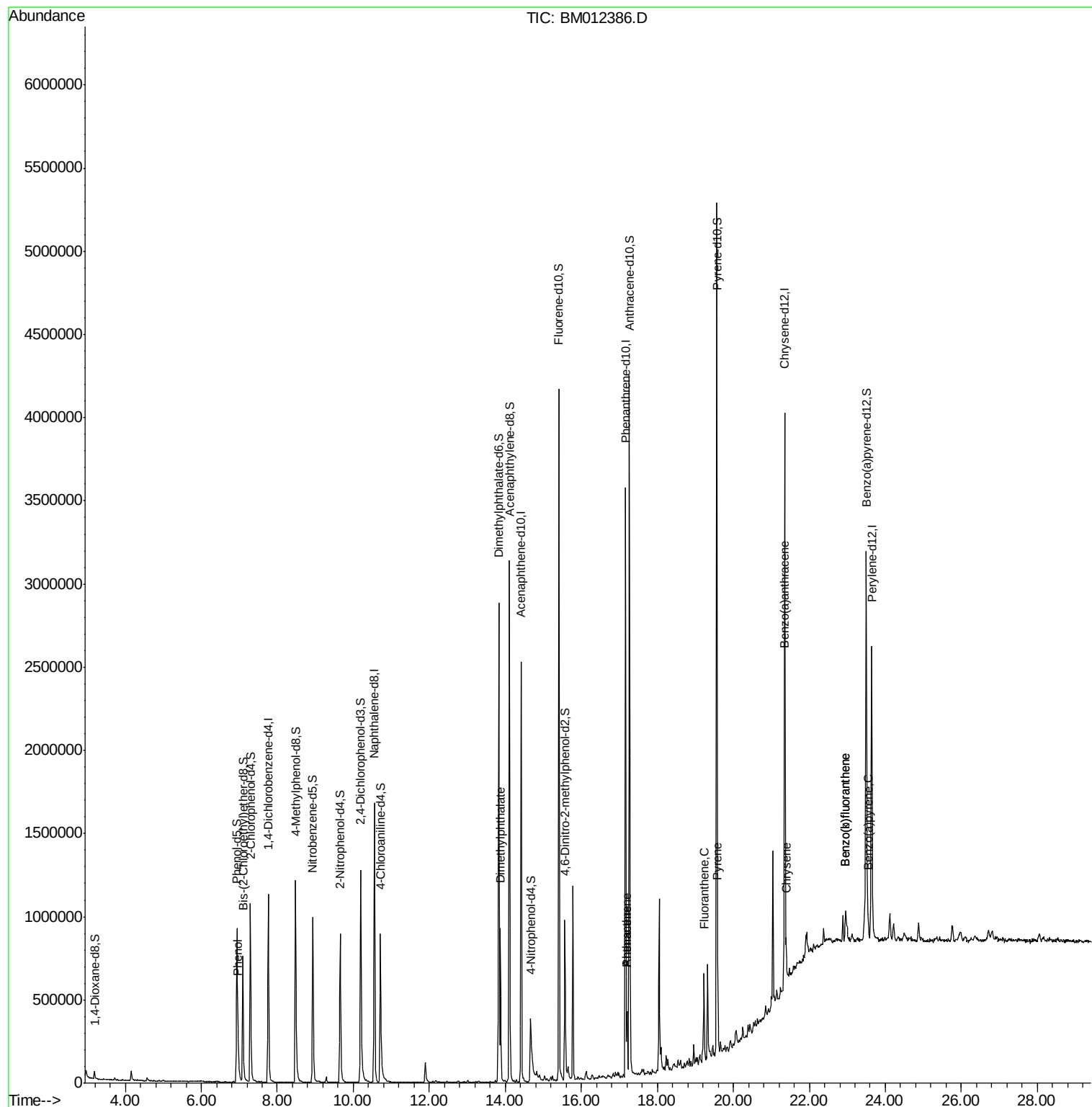
					Ovalue
6) Phenol	6.97	94	112089	4.247	ng/ul 89
44) Dimethylphthalate	13.87	163	587630	7.942	ng/ul 99
69) Phenanthrene	17.21	178	213497	1.983	ng/ul 98
71) Anthracene	17.21	178	213497	1.916	ng/ul 98
74) Fluoranthene	19.23	202	296162	2.280	ng/ul 97
77) Pyrene	19.59	202	284946	2.741	ng/ul# 96
80) Benzo(a)anthracene	21.34	228	122972	1.200	ng/ul 97
82) Chrysene	21.39	228	134364	1.397	ng/ul 97
85) Benzo(b)fluoranthene	22.96	252	128671	1.526	ng/ul# 89
86) Benzo(k)fluoranthene	22.96	252	128671	1.583	ng/ul# 90
88) Benzo(a)pyrene	23.54	252	80215	1.009	ng/ul# 90

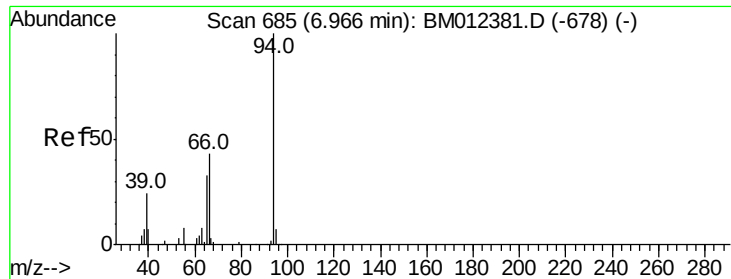
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.247 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

Instrument :

BNA_M

ClientSampleId :

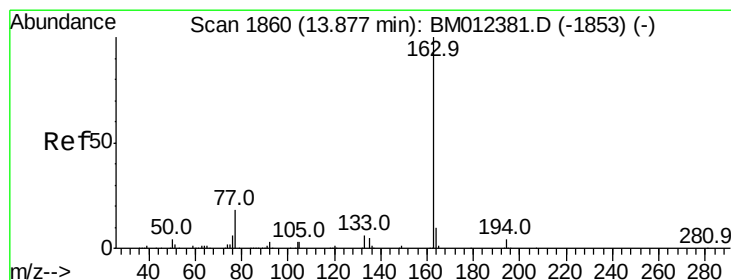
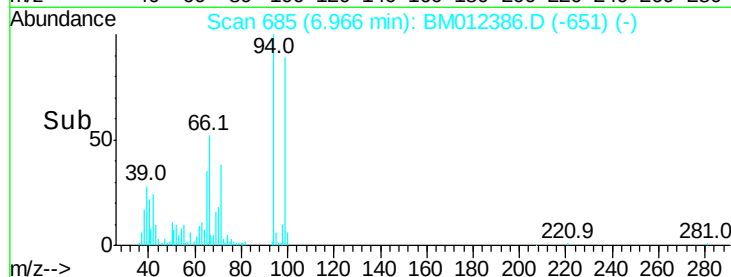
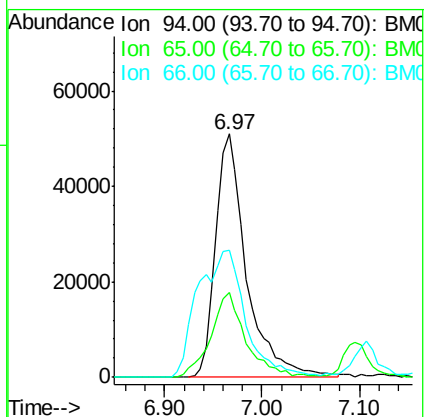
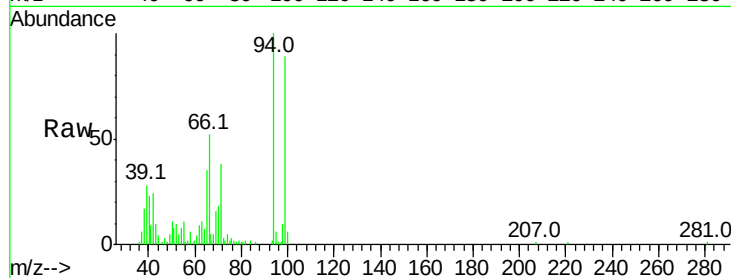
Tot Ion: 94 Resp: 112089

Ion Ratio Lower Upper

94 100

65 34.7 24.4 36.6

66 52.1 35.0 52.4



#44

Dimethylphthalate

Concen: 7.942 ng/ul

RT: 13.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

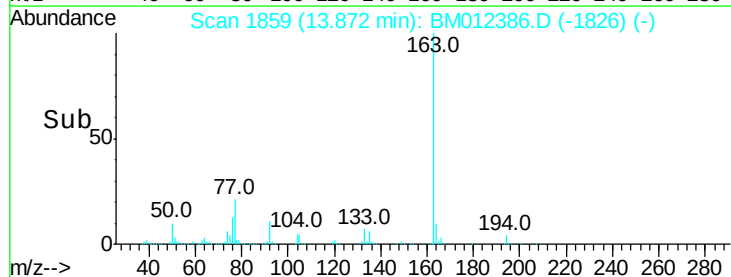
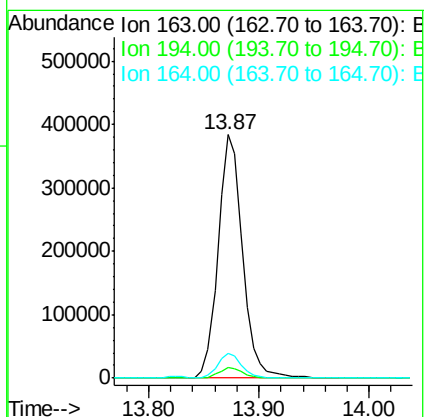
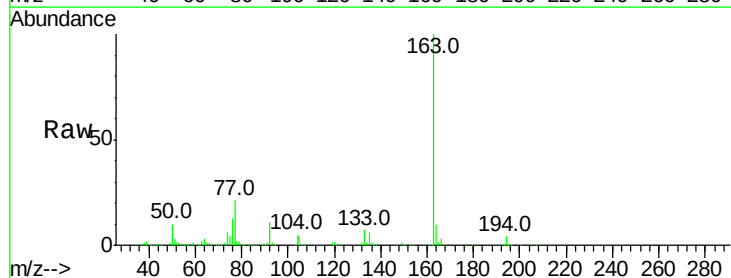
Tgt Ion:163 Resp: 587630

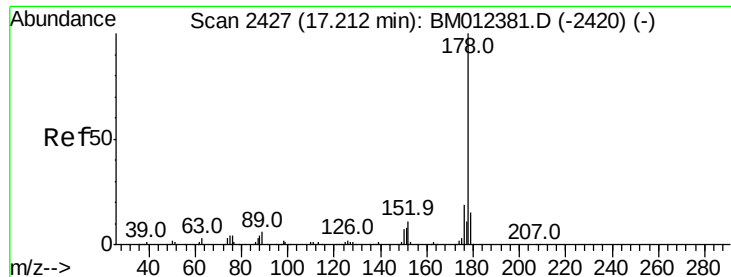
Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

164 10.2 8.1 12.1





#69

Phenanthrene

Concen: 1.983 ng/ul

RT: 17.21 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

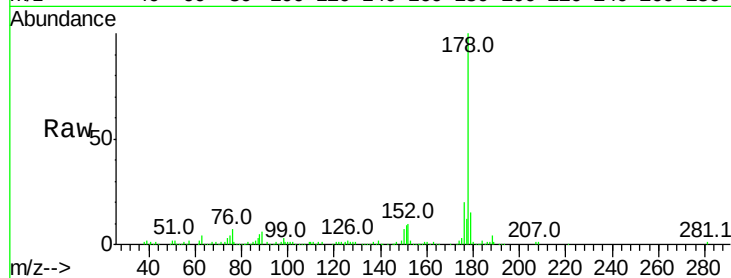
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 213497

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.0	18.0
176	19.7	15.0	22.6

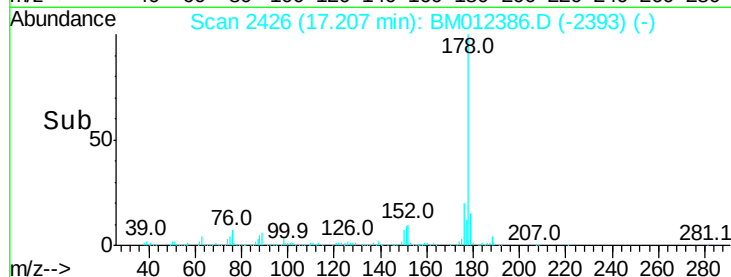
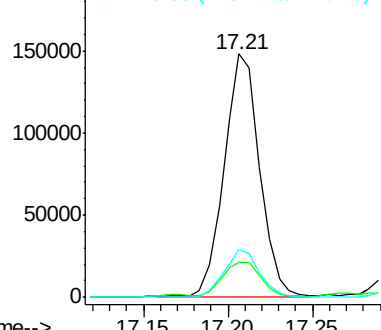


Abundance

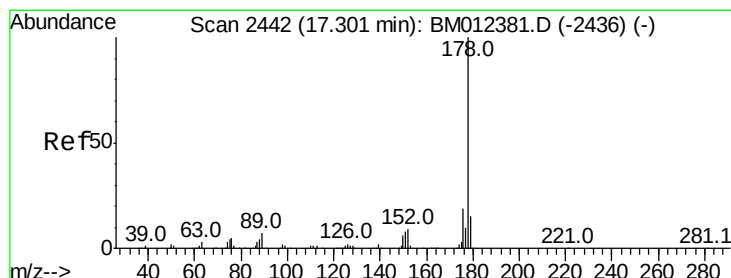
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 1.916 ng/ul

RT: 17.21 min Scan# 2426

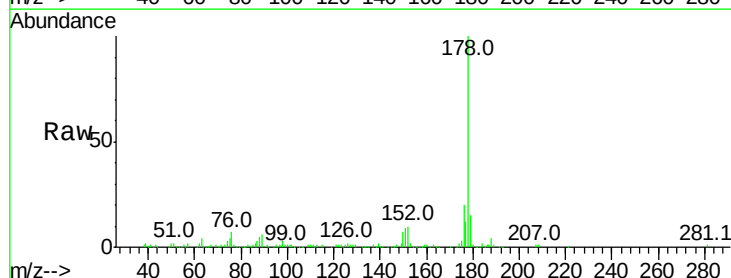
Delta R.T. -0.09 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

Tgt Ion:178 Resp: 213497

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.4
176	19.7	14.7	22.1

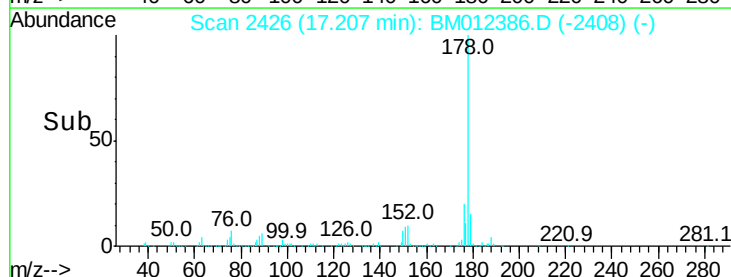
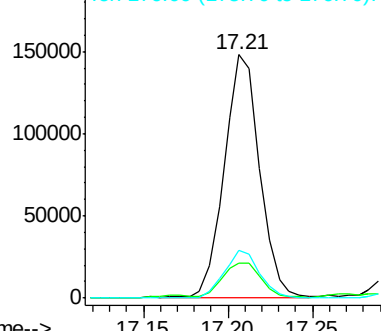


Abundance

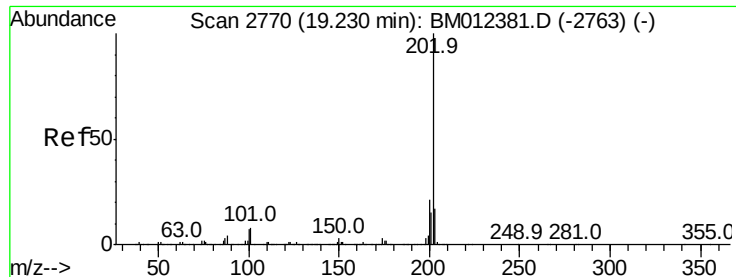
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Fluoranthene

Concen: 2.280 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

Instrument :

BNA_M

ClientSampleId :

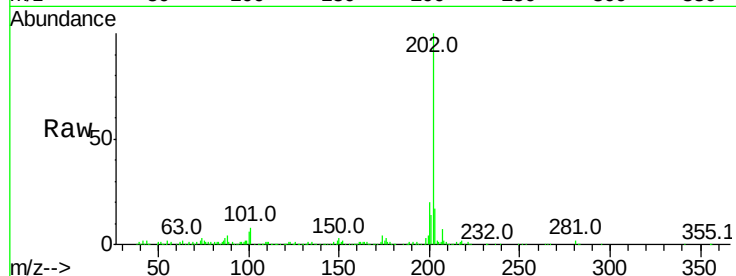
Tot Ion:202 Resp: 296162

Ion Ratio Lower Upper

202 100

101 8.2 5.8 8.6

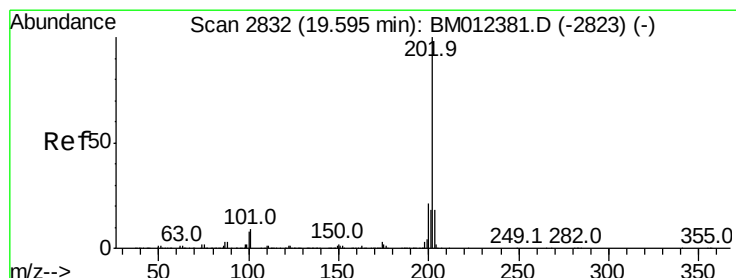
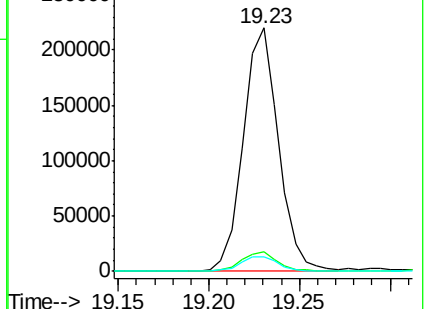
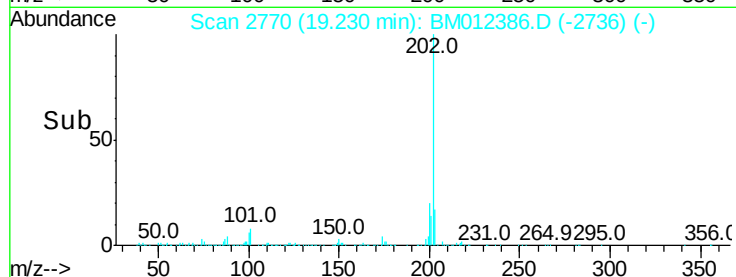
100 6.1 4.3 6.5



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: 2.741 ng/ul

RT: 19.59 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

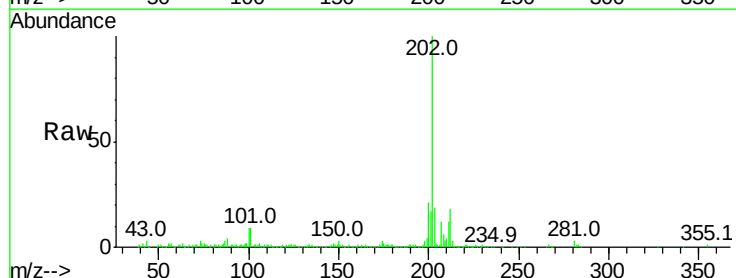
Tgt Ion:202 Resp: 284946

Ion Ratio Lower Upper

202 100

101 9.3 6.5 9.7

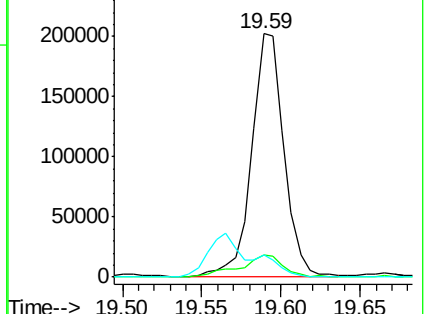
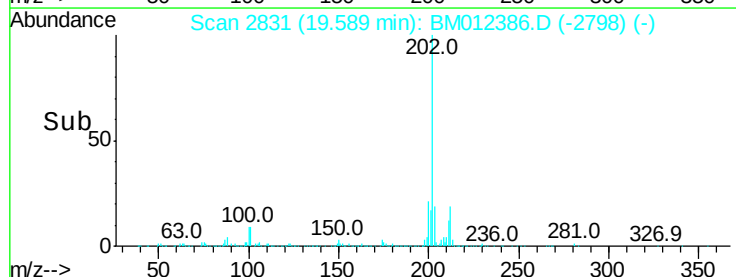
100 8.9 5.6 8.4#

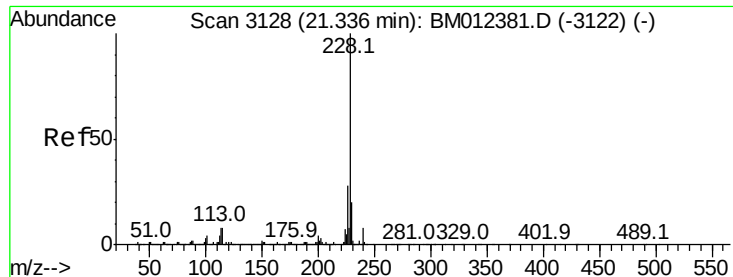


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.200 ng/ul

RT: 21.34 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

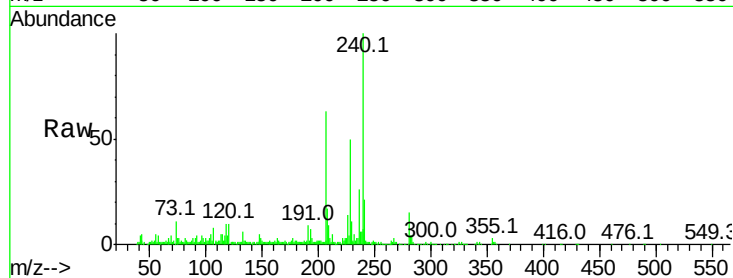
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 122972

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	28.2	21.4	32.2

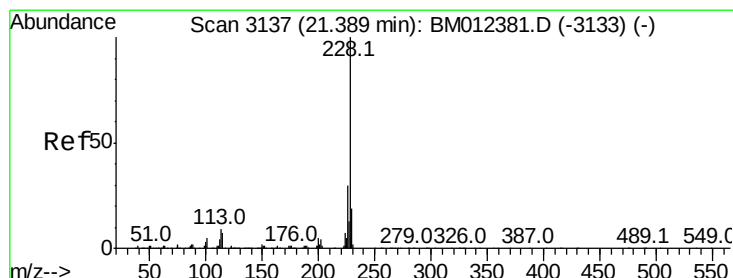
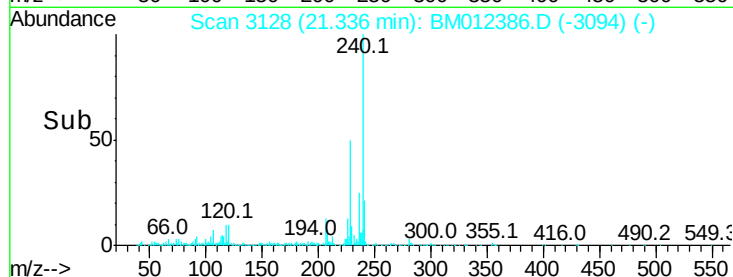
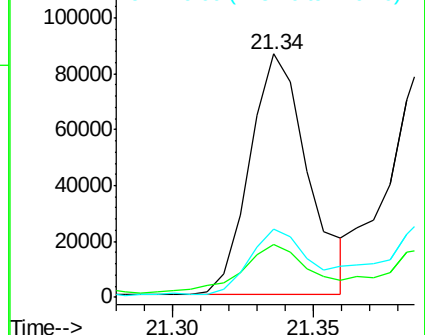


Abundance

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: 1.397 ng/ul

RT: 21.39 min Scan# 3137

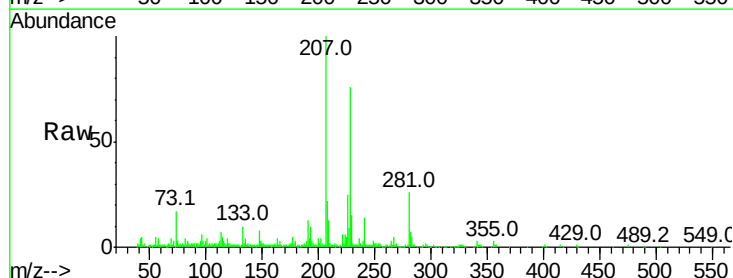
Delta R.T. 0.00 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

Tgt Ion:228 Resp: 134364

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	20.2	15.5	23.3

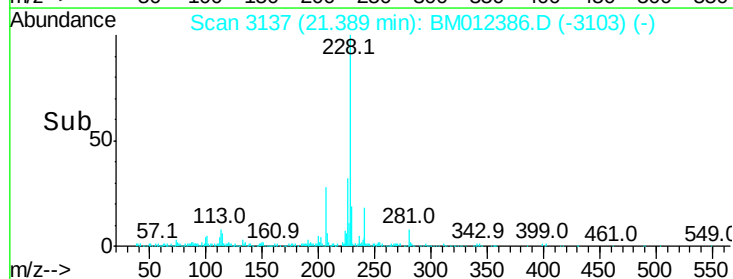
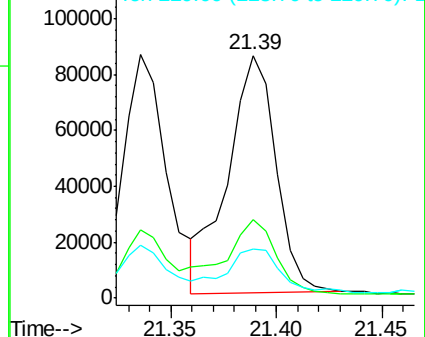


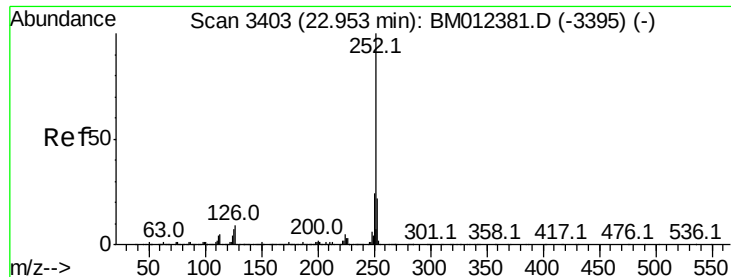
Abundance

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: 1.526 ng/ul

RT: 22.96 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BM012386.D

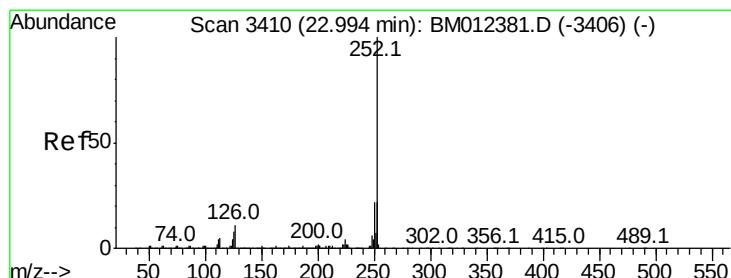
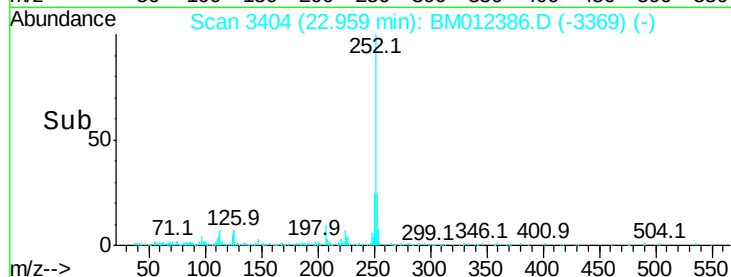
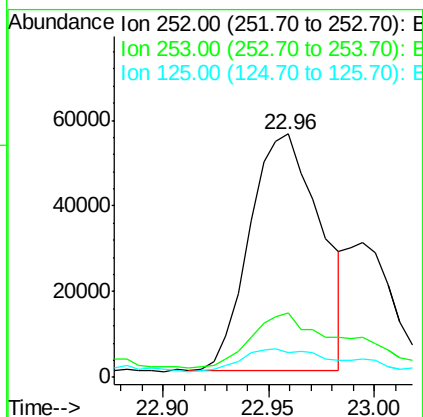
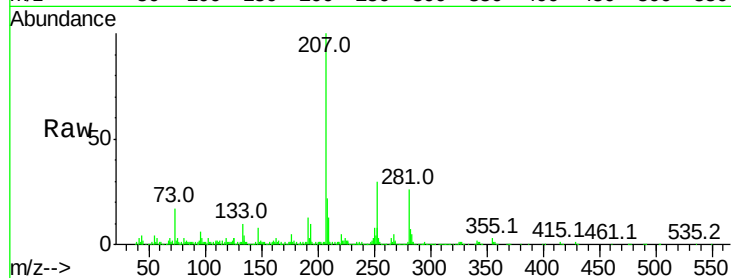
Acq: 22 Oct 2017 08:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	128671
Ion Ratio	Lower	Upper
252	100	
253	26.7	17.4 26.2#
125	10.3	5.1 7.7#



#86

Benzo(k)fluoranthene

Concen: 1.583 ng/ul

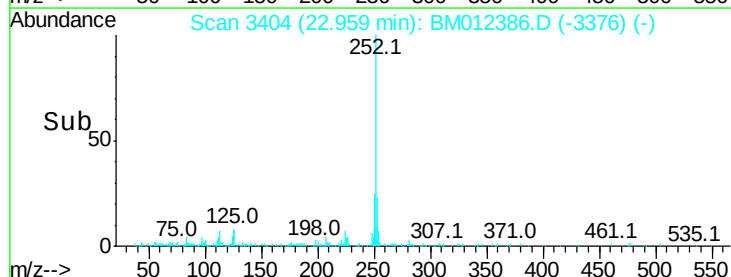
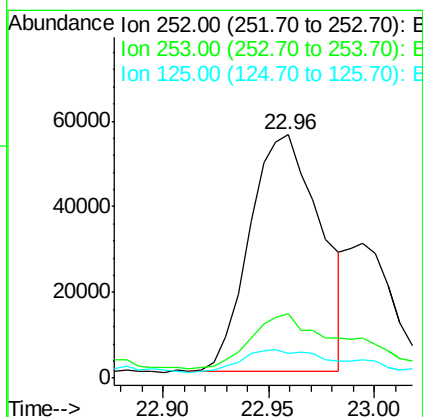
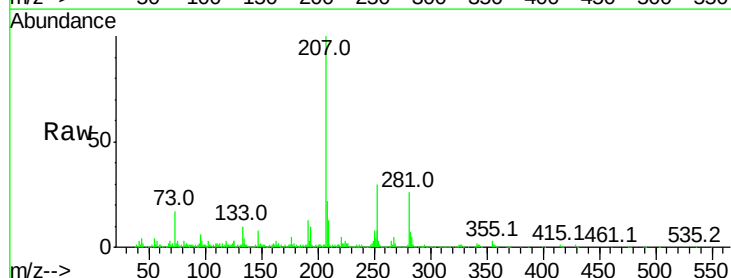
RT: 22.96 min Scan# 3404

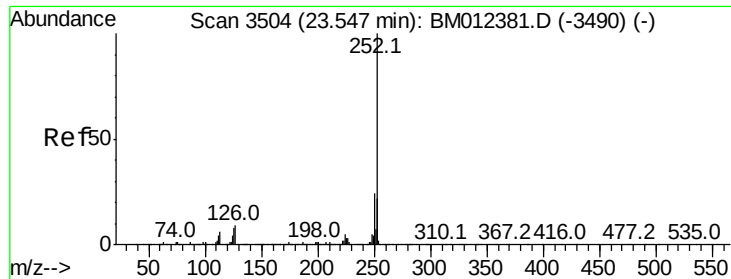
Delta R.T. -0.04 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

Tgt Ion:252	Resp:	128671
Ion Ratio	Lower	Upper
252	100	
253	26.7	17.8 26.6#
125	10.3	4.9 7.3#





#88

Benzo(a)pyrene

Concen: 1.009 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012386.D

Acq: 22 Oct 2017 08:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	80215
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.1	25.7
125	11.6	5.2	7.8

