

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012353.D
 Acq On : 21 Oct 2017 11:34
 Operator : SJ/JU
 Sample : I5701-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:02:48 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	141303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	645085	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	411731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	999576	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1298735	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1254786	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8778	2.95	ng/uL	0.00
5) Phenol-d5	6.95	99	165847	14.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	110804	16.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	154046	15.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	145306	14.72	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	75777	15.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	89642	15.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	156197	14.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	189989	18.48	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	630657	17.33	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	734886	16.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	24995	4.57	ng/ul	0.05
57) Fluorene-d10	15.42	176	546758	18.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	55749	8.13	ng/ul	0.00
70) Anthracene-d10	17.27	188	858312	17.37	ng/ul	0.00
76) Pyrene-d10	19.57	212	1084444	16.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1059943	17.52	ng/ul	0.00

Target Compounds

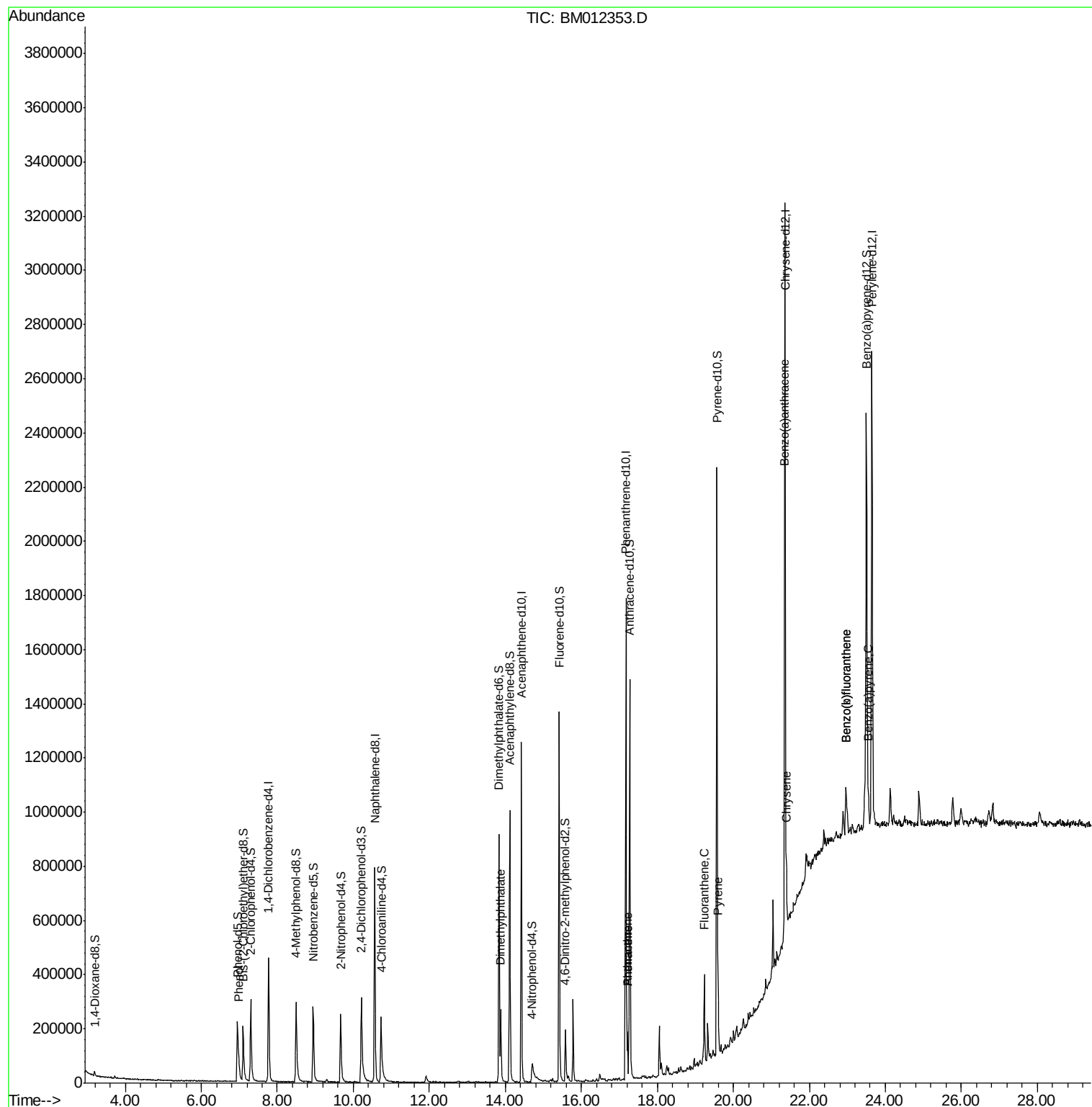
					Ovalue	
6) Phenol	6.98	94	30592	2.581	ng/ul#	83
44) Dimethylphthalate	13.88	163	194245	5.328	ng/ul	97
69) Phenanthrene	17.21	178	92143	1.620	ng/ul	98
71) Anthracene	17.21	178	92143	1.565	ng/ul	99
74) Fluoranthene	19.24	202	188205	2.743	ng/ul	99
77) Pyrene	19.60	202	184131	2.147	ng/ul	98
80) Benzo(a)anthracene	21.34	228	109067	1.291	ng/ul	97
82) Chrysene	21.39	228	110859	1.397	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	142282	1.738	ng/ul#	91
86) Benzo(k)fluoranthene	22.97	252	142282	1.803	ng/ul#	91
88) Benzo(a)pyrene	23.55	252	94205	1.221	ng/ul#	90

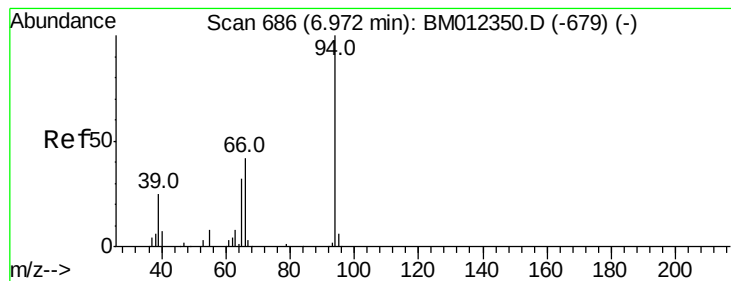
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.581 ng/ul

RT: 6.98 min Scan# 687

Delta R.T. 0.01 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

Instrument :

BNA_M

ClientSampleId :

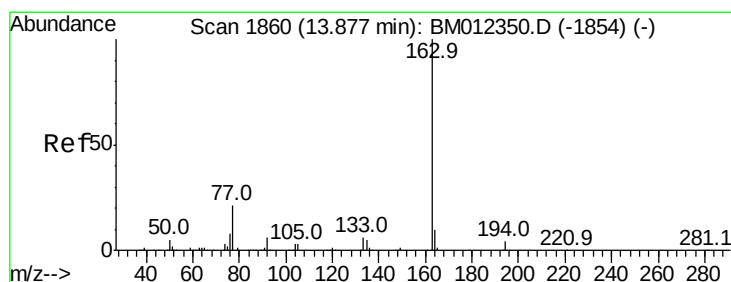
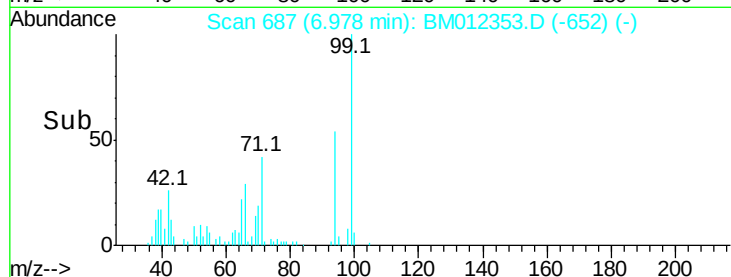
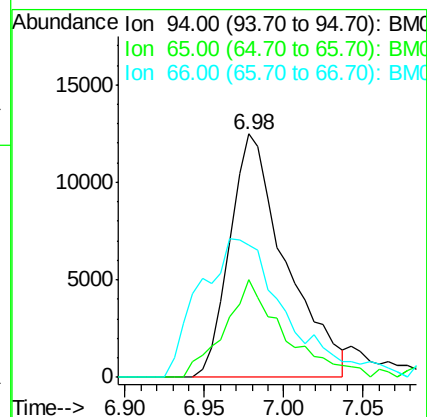
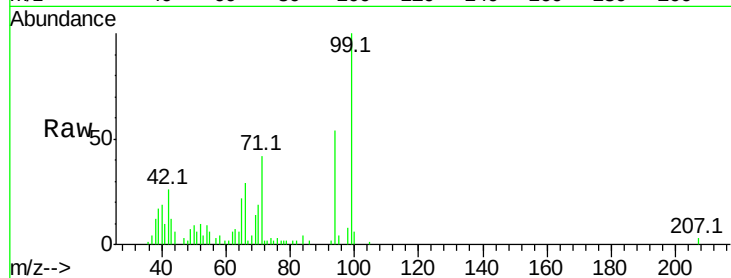
Tot Ion: 94 Resp: 30592

Ion Ratio Lower Upper

94 100

65 40.3 24.4 36.6#

66 54.5 35.0 52.4#



#44

Dimethylphthalate

Concen: 5.328 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

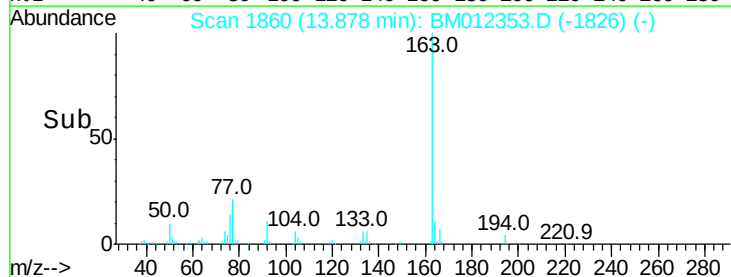
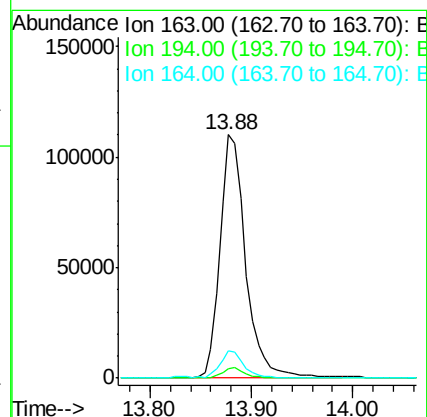
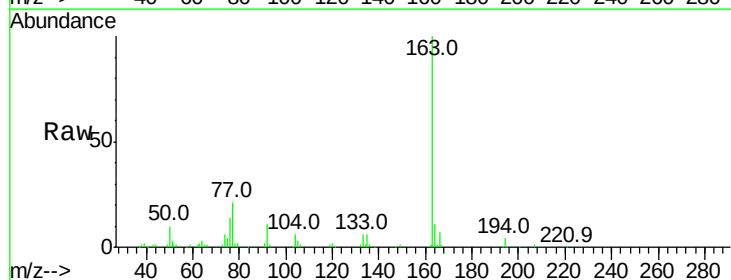
Tgt Ion:163 Resp: 194245

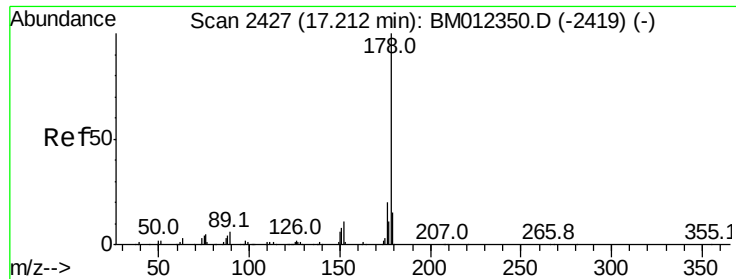
Ion Ratio Lower Upper

163 100

194 3.7 3.7 5.5

164 11.1 8.1 12.1





#69

Phenanthrene

Concen: 1.620 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

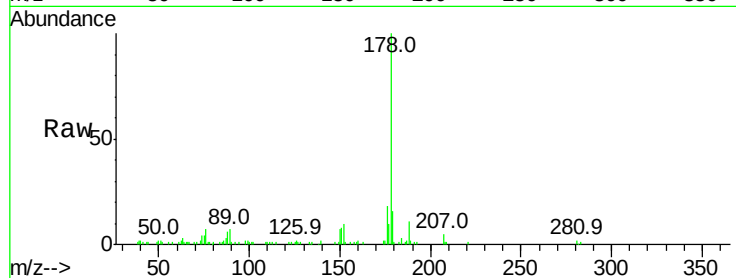
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 92143

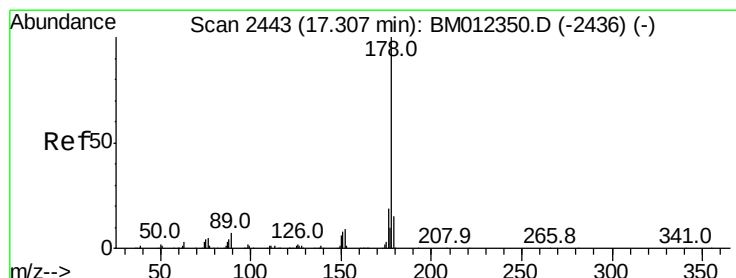
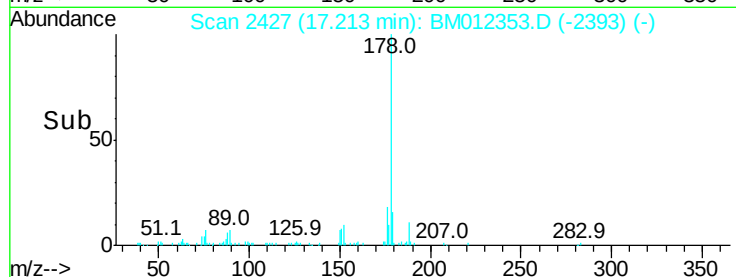
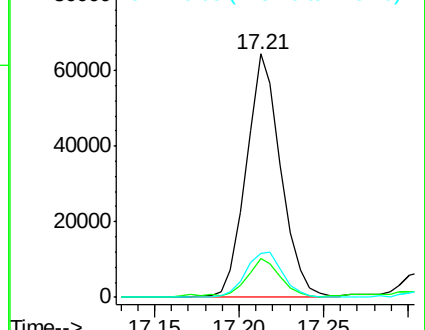
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.0	18.0
176	18.1	15.0	22.6



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



#71

Anthracene

Concen: 1.565 ng/ul

RT: 17.21 min Scan# 2427

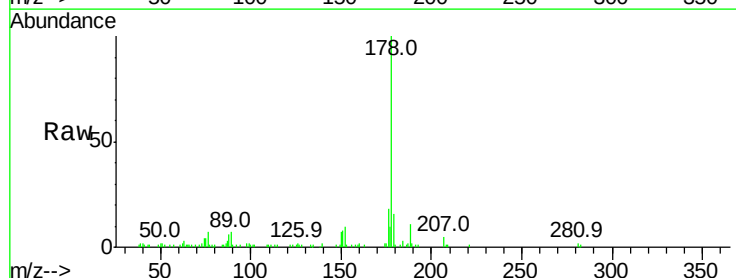
Delta R.T. -0.09 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

Tgt Ion:178 Resp: 92143

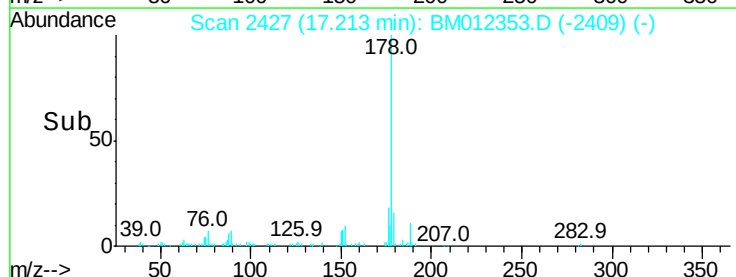
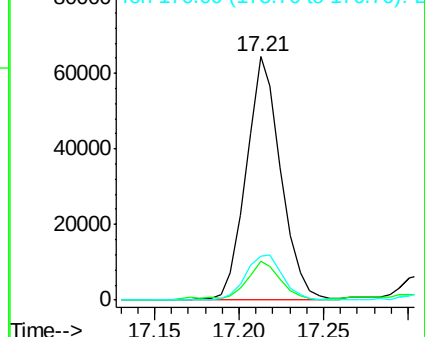
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	18.1	14.7	22.1

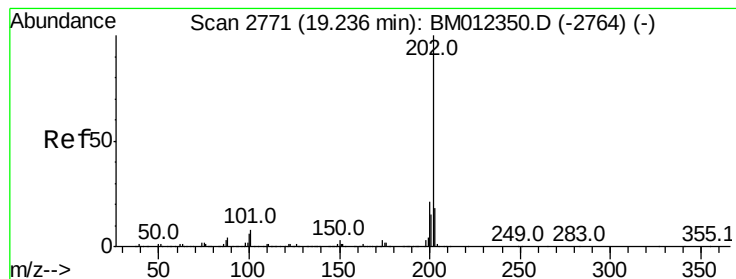


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

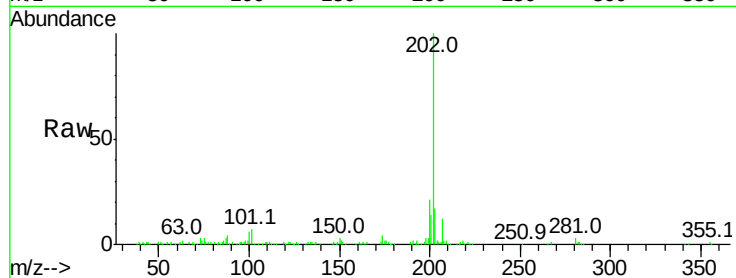




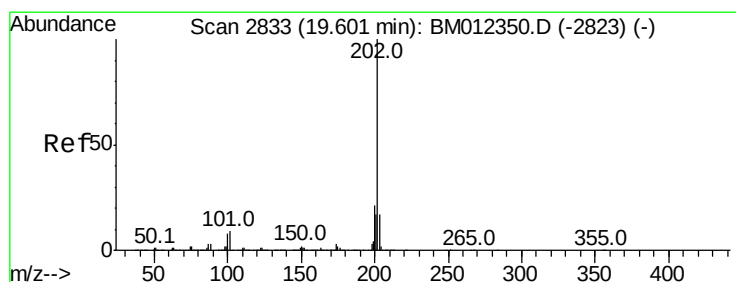
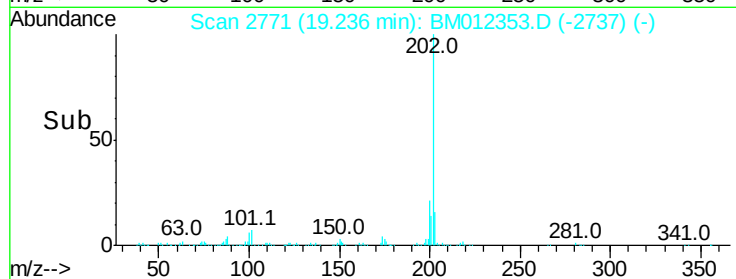
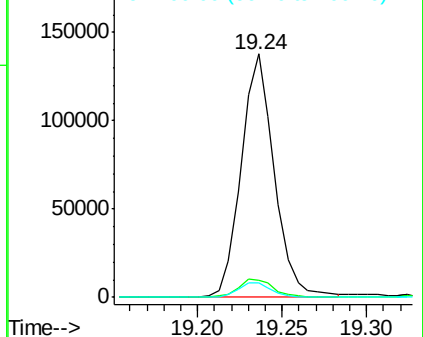
#74
 Fluoranthene
 Concen: 2.743 ng/ul
 RT: 19.24 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BM012353.D
 Acq: 21 Oct 2017 11:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202	Resp:	188205
Ion Ratio	Lower	Upper
202 100		
101 6.8	5.8	8.6
100 5.9	4.3	6.5

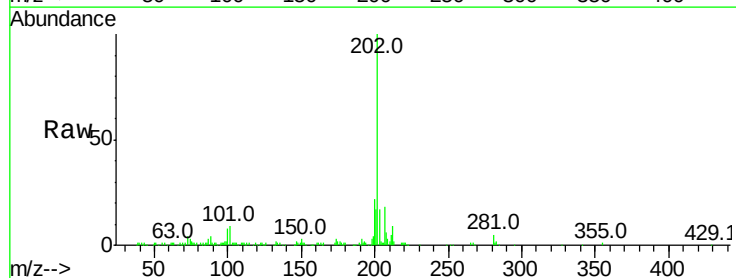


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

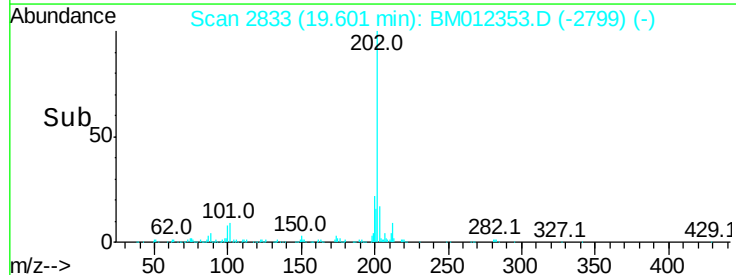
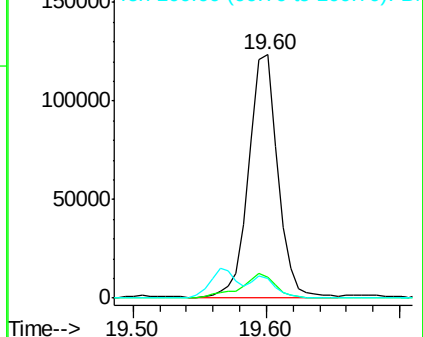


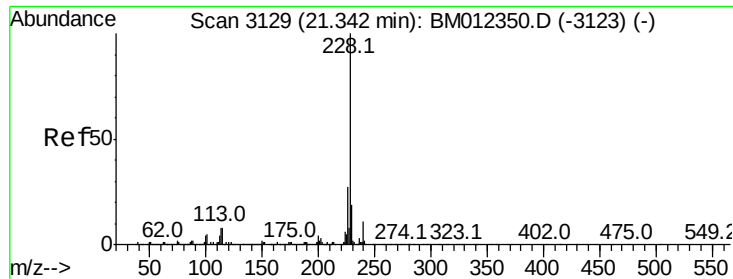
#77
 Pyrene
 Concen: 2.147 ng/ul
 RT: 19.60 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM012353.D
 Acq: 21 Oct 2017 11:34

Tgt Ion:202	Resp:	184131
Ion Ratio	Lower	Upper
202 100		
101 8.7	6.5	9.7
100 7.9	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: 1.291 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BM012353.D

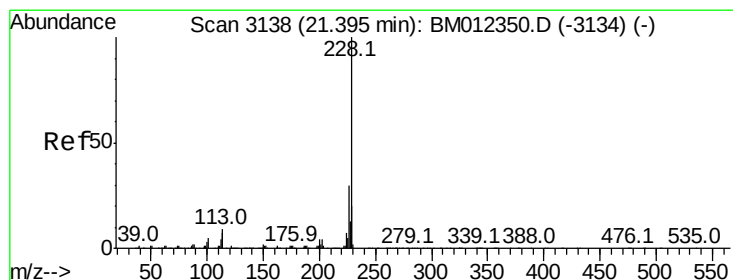
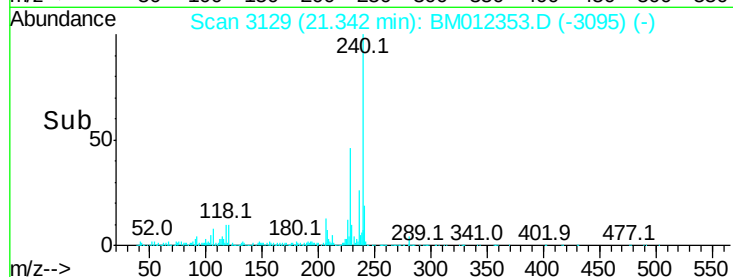
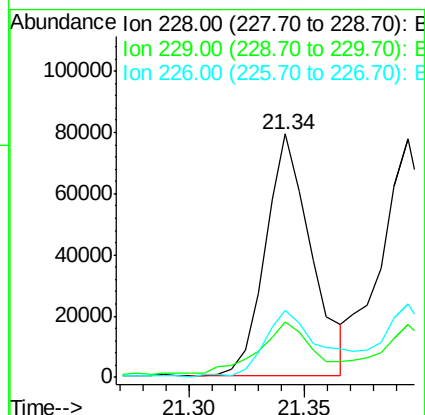
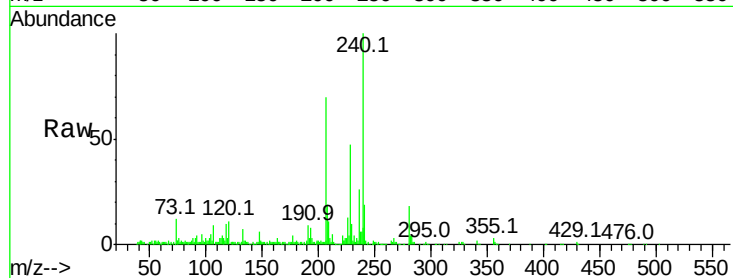
Acq: 21 Oct 2017 11:34

Instrument :

BNA_M

ClientSampled :

Tot Ion:	228	Resp:	109067
Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.8
226	27.4	21.4	32.2



#82

Chrysene

Concen: 1.397 ng/ul

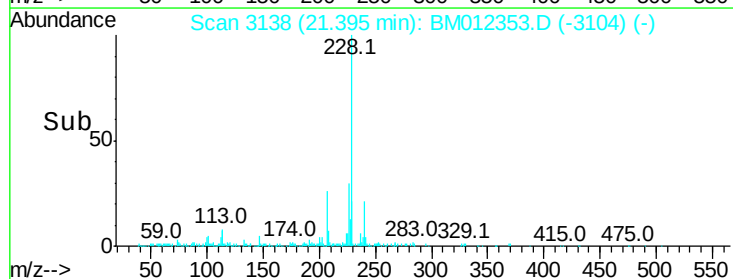
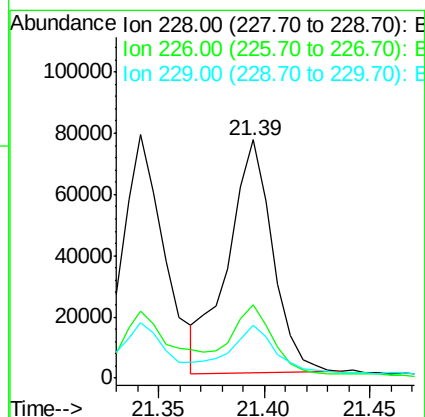
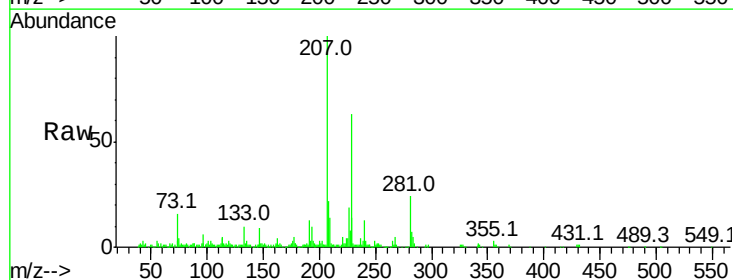
RT: 21.39 min Scan# 3138

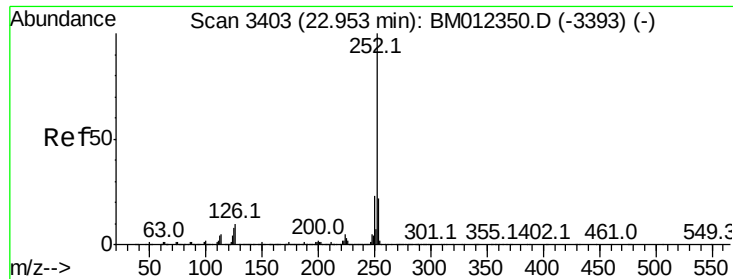
Delta R.T. 0.00 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

Tgt Ion:	228	Resp:	110859
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.0	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.738 ng/ul

RT: 22.97 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM012353.D

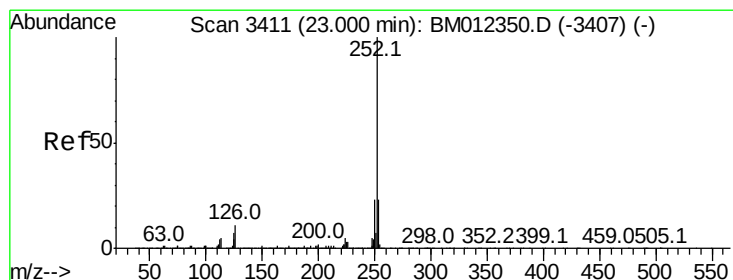
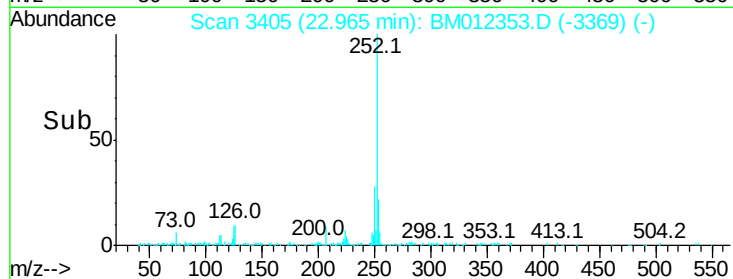
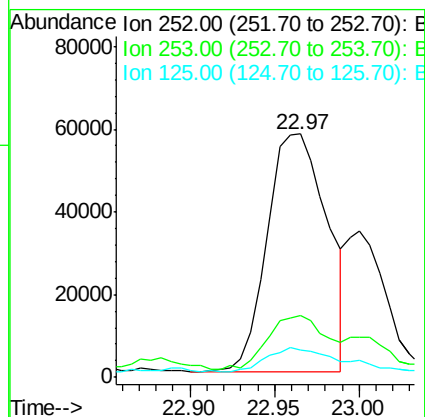
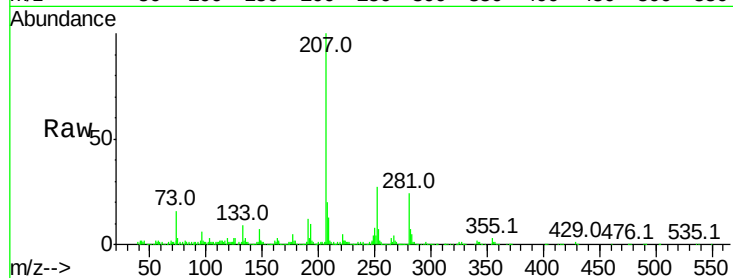
Acq: 21 Oct 2017 11:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	142282
Ion Ratio	Lower	Upper
252	100	
253	25.6	17.4 26.2
125	11.1	5.1 7.7#



#86

Benzo(k)fluoranthene

Concen: 1.803 ng/ul

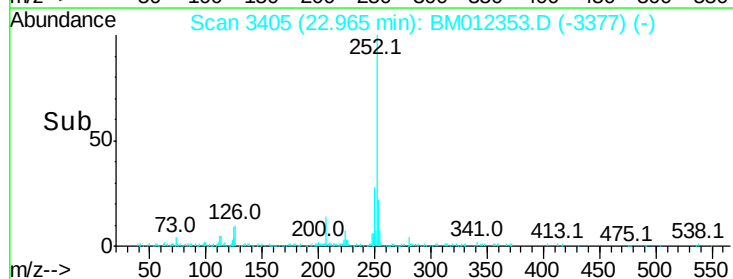
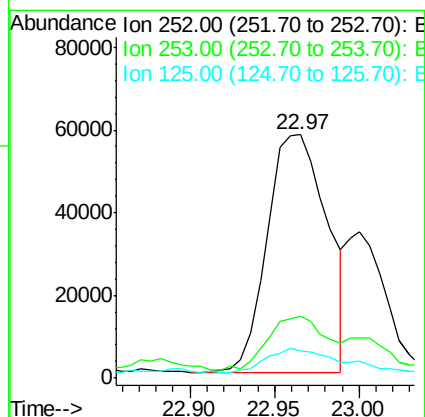
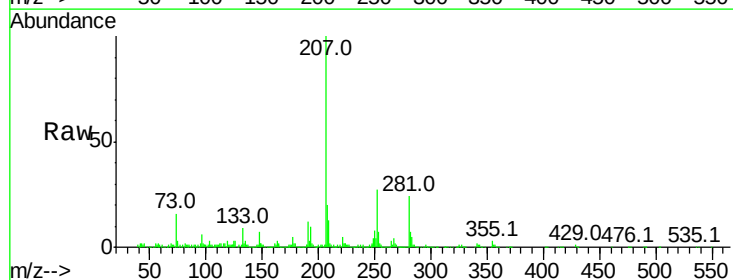
RT: 22.97 min Scan# 3405

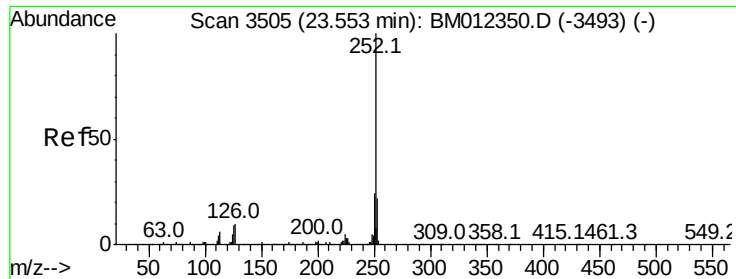
Delta R.T. -0.04 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

Tgt Ion:252	Resp:	142282
Ion Ratio	Lower	Upper
252	100	
253	25.6	17.8 26.6
125	11.1	4.9 7.3#





#88

Benzo(a)pyrene

Concen: 1.221 ng/ul

RT: 23.55 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BM012353.D

Acq: 21 Oct 2017 11:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	94205
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.1	25.7#
125	11.0	5.2	7.8#

