

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012354.D
 Acq On : 21 Oct 2017 12:10
 Operator : SJ/JU
 Sample : I5701-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:03:12 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	201715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	898392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	573898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1342478	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1402595	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1125822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	12073	2.84	ng/uL	0.00
5) Phenol-d5	6.95	99	226525	13.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	162877	16.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	215128	15.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	138734	9.85	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	107883	15.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	131293	16.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	215711	14.10	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	248555	17.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	903392	17.81	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1047290	17.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	50814	6.66	ng/ul	0.03
57) Fluorene-d10	15.42	176	757283	18.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	83872	9.10	ng/ul	0.00
70) Anthracene-d10	17.27	188	1129770	17.02	ng/ul	0.00
76) Pyrene-d10	19.57	212	1342056	18.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	936353	17.25	ng/ul	0.00

Target Compounds

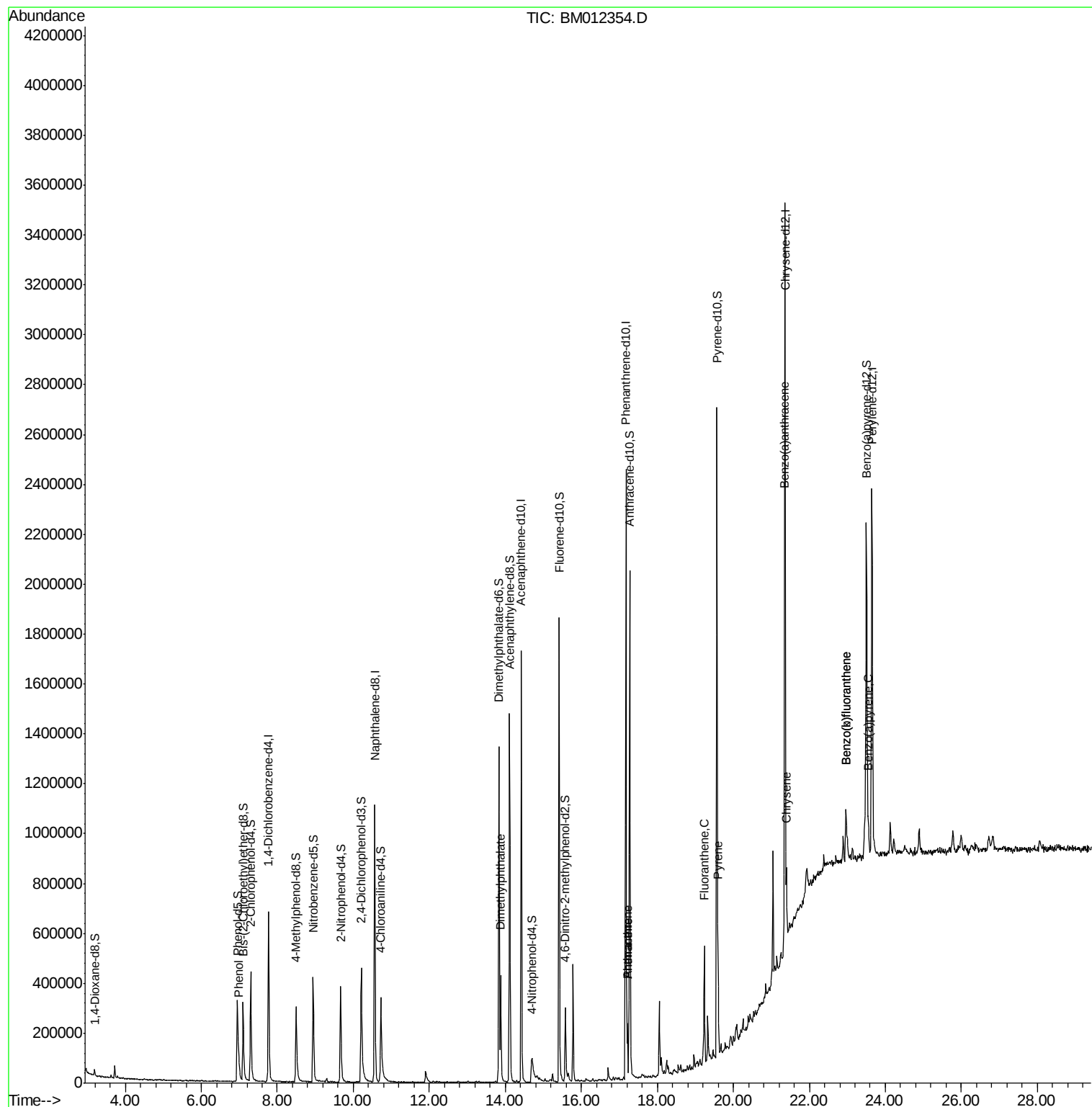
				Ovalue	
6) Phenol	6.98	94	44158	2.610	ng/ul# 89
44) Dimethylphthalate	13.88	163	294316	5.792	ng/ul 100
69) Phenanthrene	17.21	178	121500	1.591	ng/ul 99
71) Anthracene	17.21	178	121500	1.537	ng/ul 98
74) Fluoranthene	19.24	202	281134	3.050	ng/ul# 97
77) Pyrene	19.59	202	261126	2.819	ng/ul 96
80) Benzo(a)anthracene	21.34	228	147941	1.621	ng/ul 97
82) Chrysene	21.39	228	149350	1.743	ng/ul 97
85) Benzo(b)fluoranthene	22.96	252	156555	2.131	ng/ul# 94
86) Benzo(k)fluoranthene	22.96	252	156555	2.211	ng/ul# 95
88) Benzo(a)pyrene	23.55	252	98632	1.424	ng/ul# 89

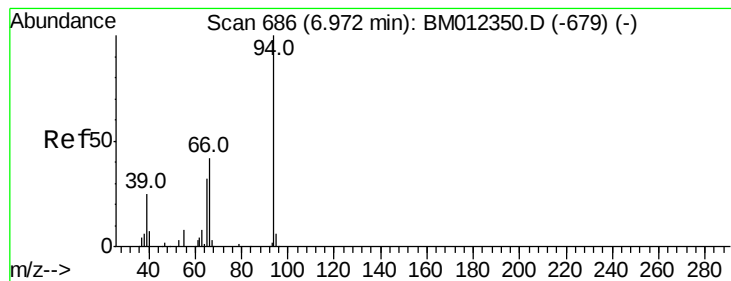
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.610 ng/ul

RT: 6.98 min Scan# 687

Delta R.T. 0.01 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

Instrument :

BNA_M

ClientSampleId :

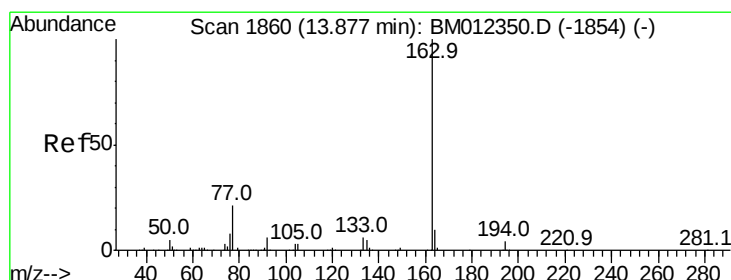
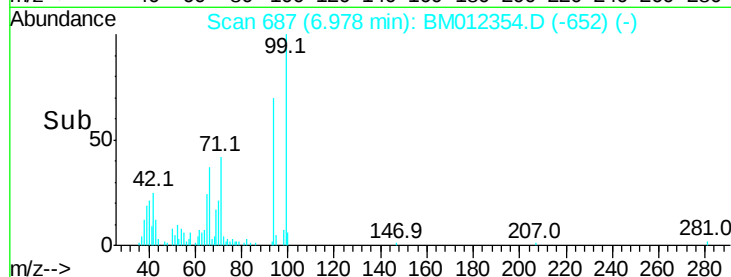
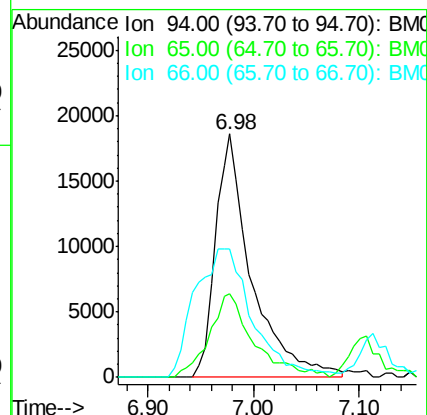
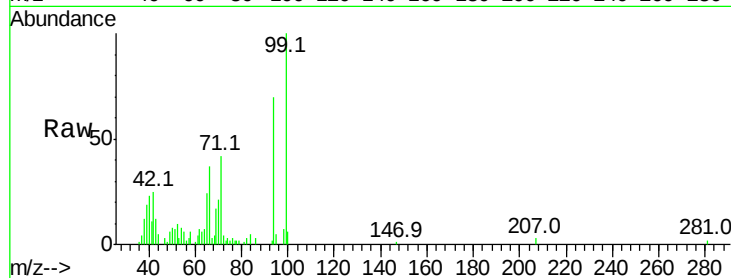
Tot Ion: 94 Resp: 44158

Ion Ratio Lower Upper

94 100

65 34.5 24.4 36.6

66 52.9 35.0 52.4#



#44

Dimethylphthalate

Concen: 5.792 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

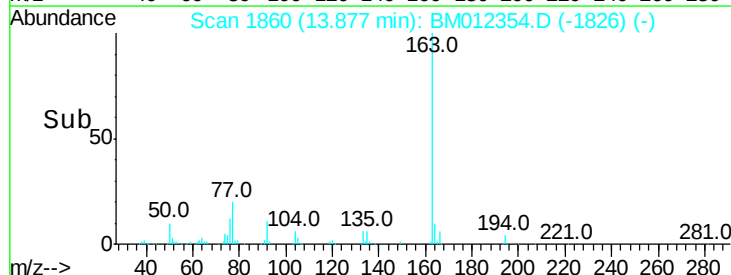
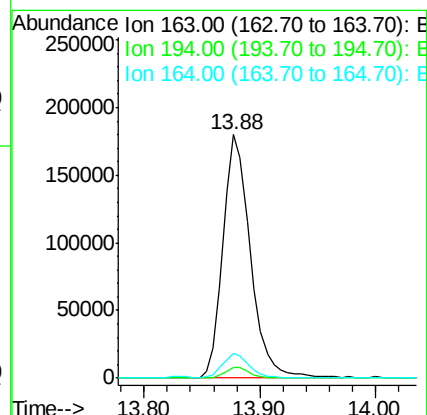
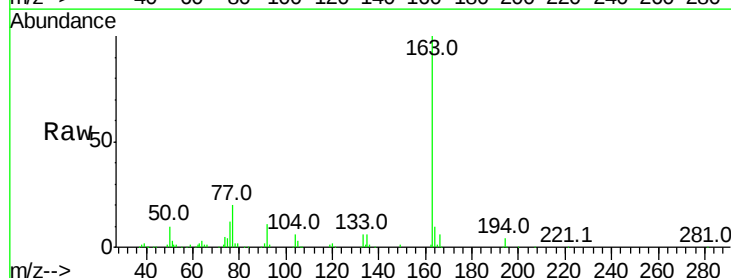
Tgt Ion: 163 Resp: 294316

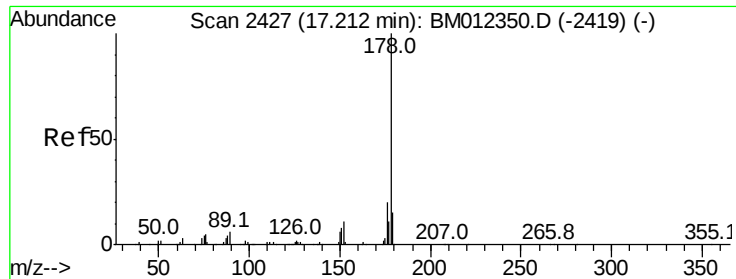
Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

164 10.1 8.1 12.1





#69

Phenanthrene

Concen: 1.591 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

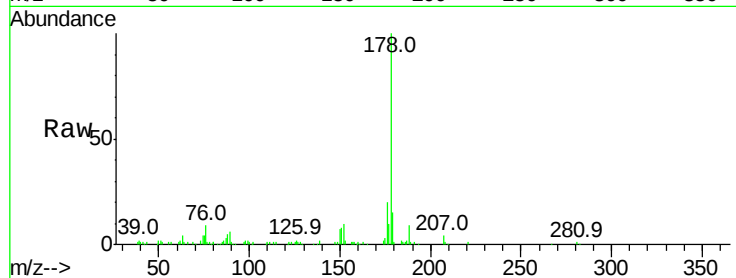
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 121500

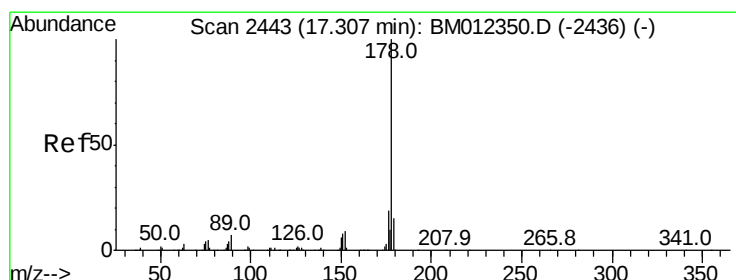
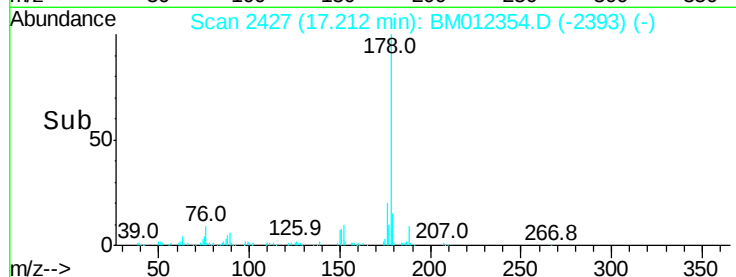
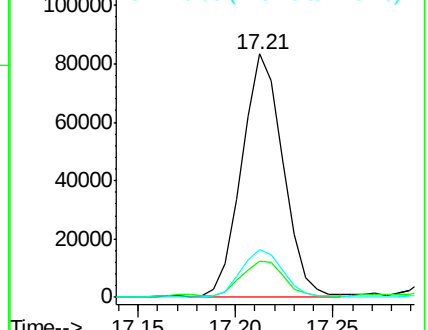
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.0	18.0
176	19.6	15.0	22.6



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: 1.537 ng/ul

RT: 17.21 min Scan# 2427

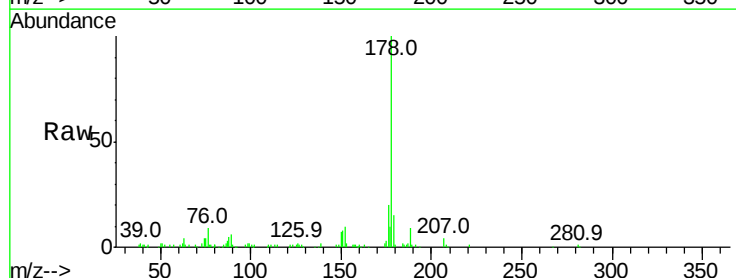
Delta R.T. -0.09 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

Tgt Ion:178 Resp: 121500

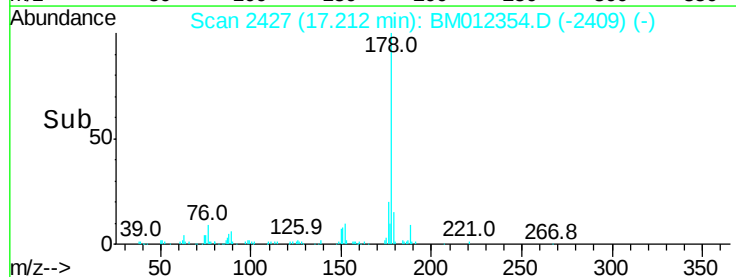
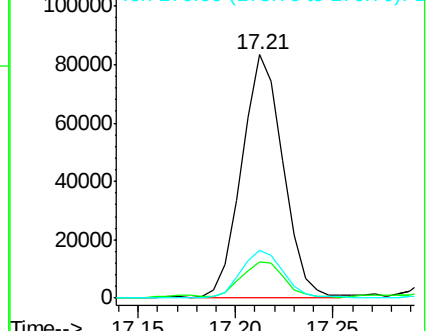
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	19.6	14.7	22.1

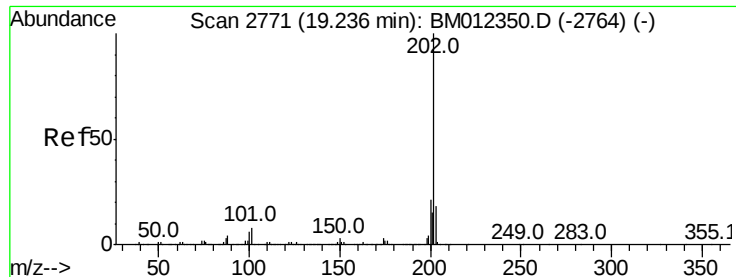


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.050 ng/ul

RT: 19.24 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

Instrument :

BNA_M

ClientSampled :

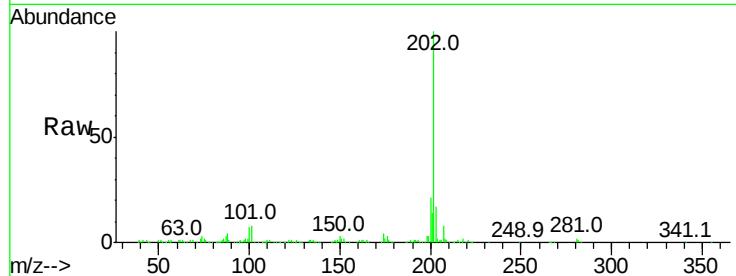
Tot Ion:202 Resp: 281134

Ion Ratio Lower Upper

202 100

101 7.9 5.8 8.6

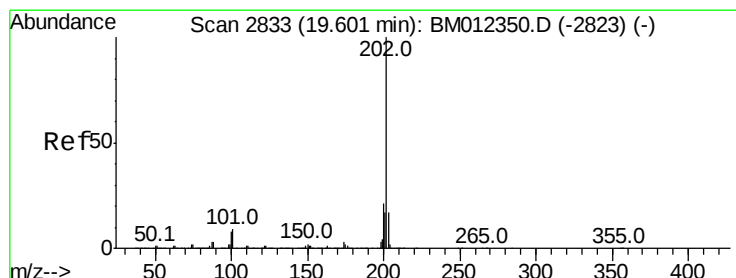
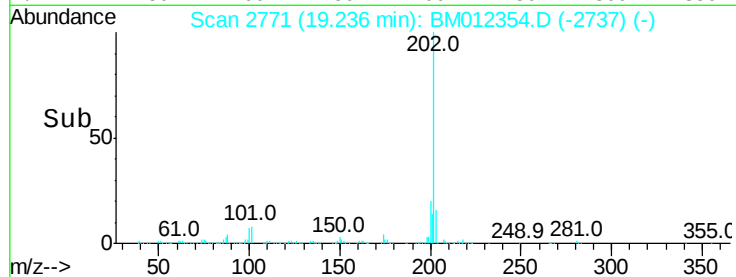
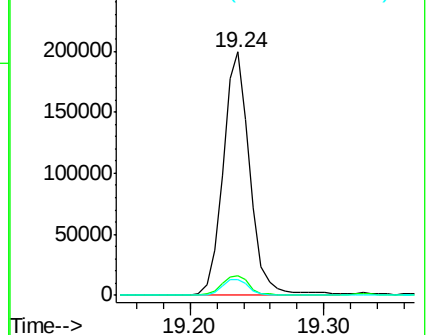
100 6.6 4.3 6.5#



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: 2.819 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

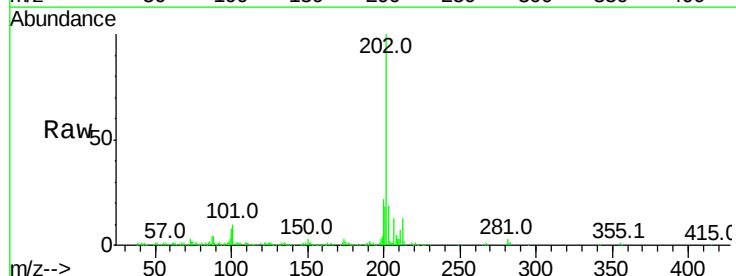
Tgt Ion:202 Resp: 261126

Ion Ratio Lower Upper

202 100

101 9.7 6.5 9.7

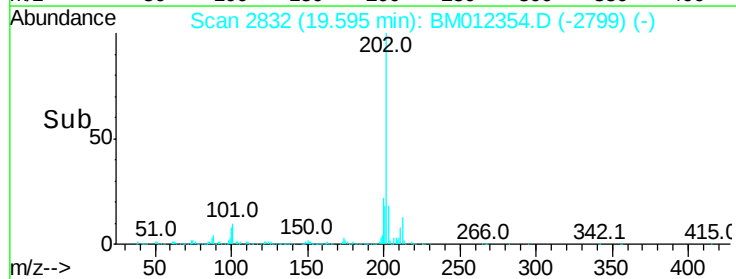
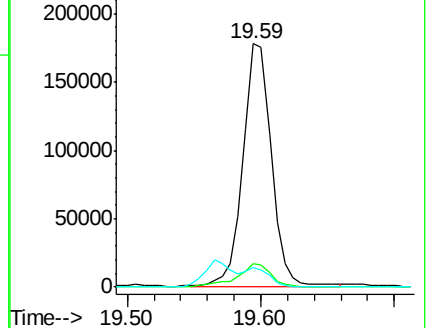
100 8.2 5.6 8.4

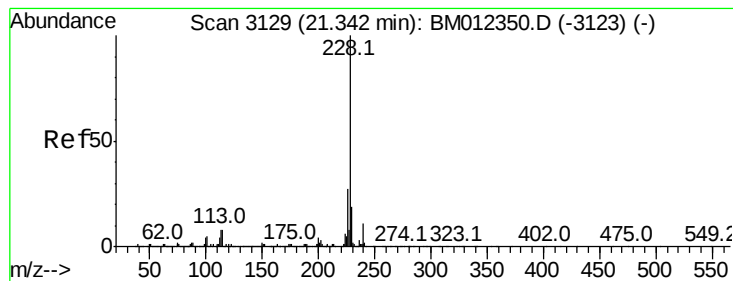


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.621 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

Instrument :

BNA_M

ClientSampled :

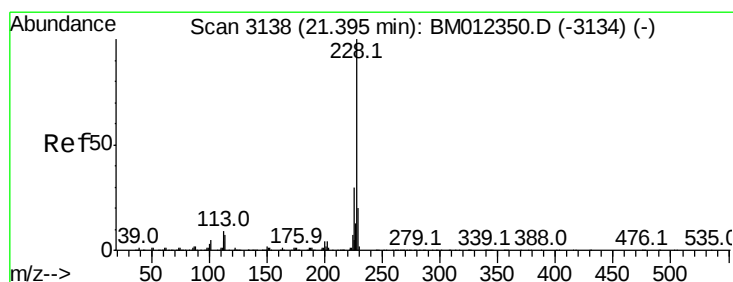
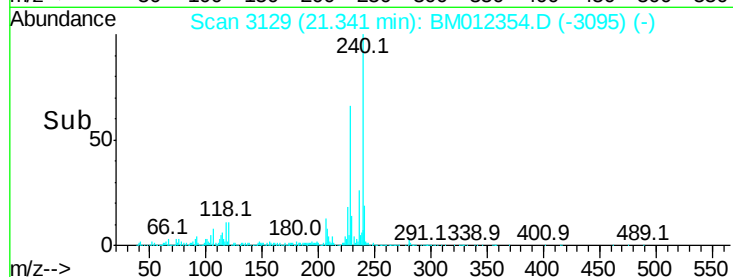
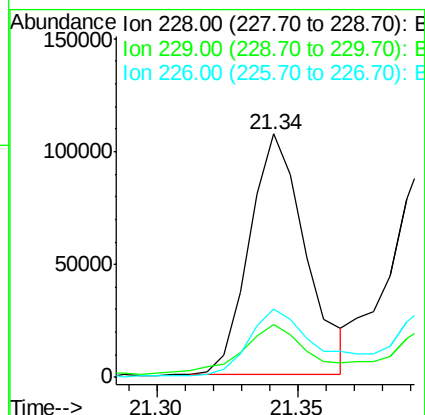
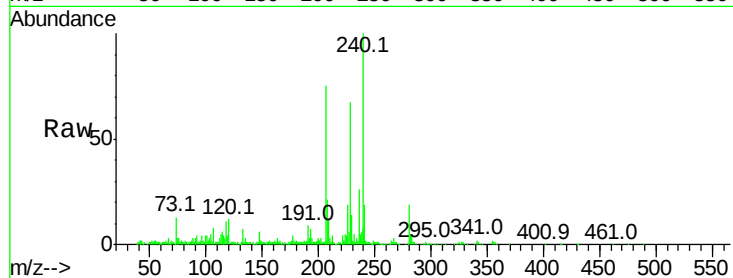
Tot Ion:228 Resp: 147941

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	28.0	21.4	32.2

228 100

229 21.5 15.8 23.8

226 28.0 21.4 32.2



#82

Chrysene

Concen: 1.743 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

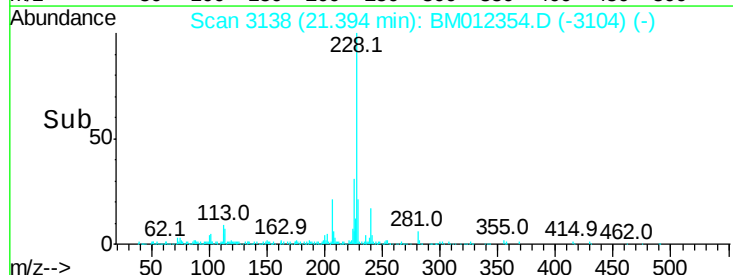
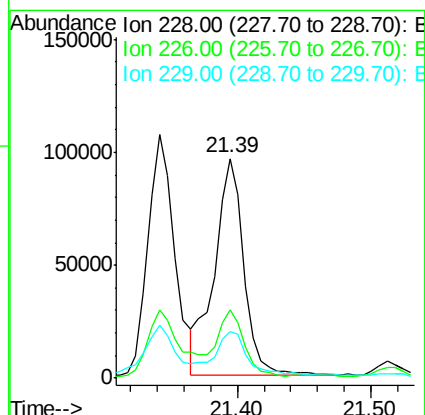
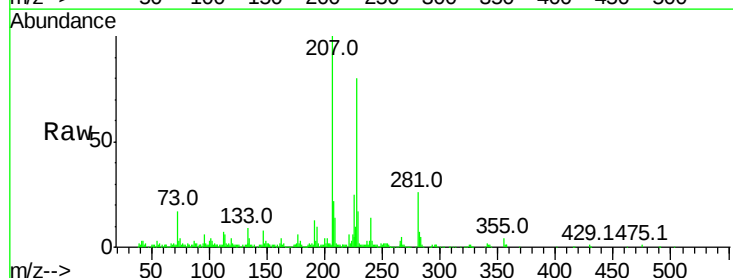
Tgt Ion:228 Resp: 149350

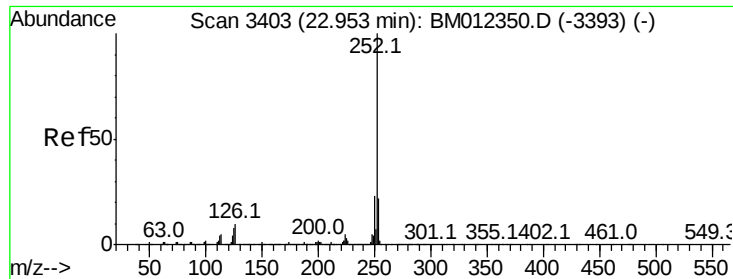
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	21.5	15.5	23.3

228 100

226 31.3 24.0 36.0

229 21.5 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 2.131 ng/ul

RT: 22.96 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM012354.D

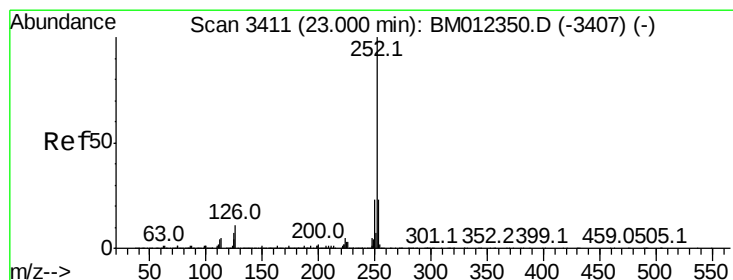
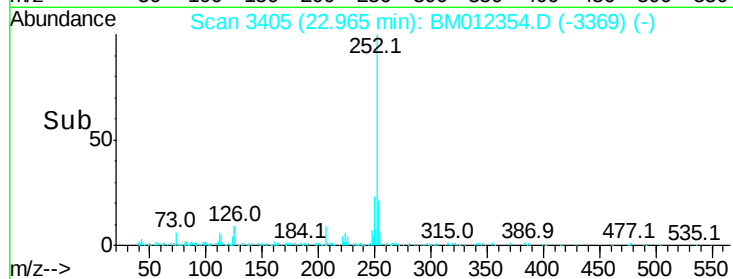
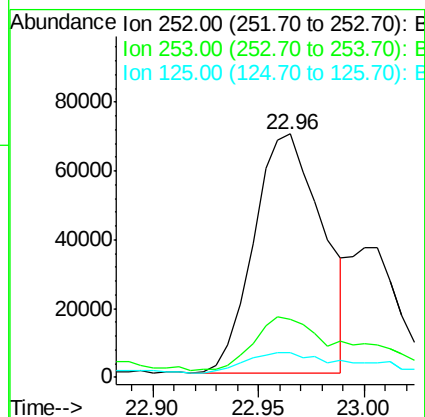
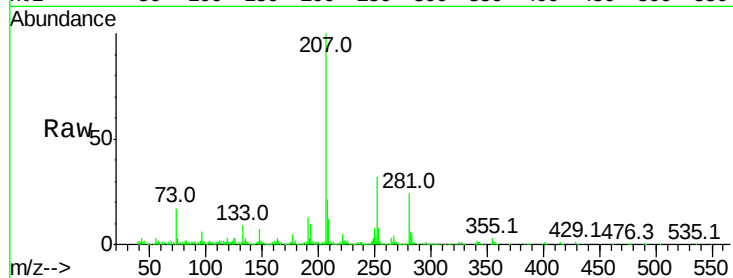
Acq: 21 Oct 2017 12:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	156555
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.2
125	10.2	5.1	7.7#



#86

Benzo(k)fluoranthene

Concen: 2.211 ng/ul

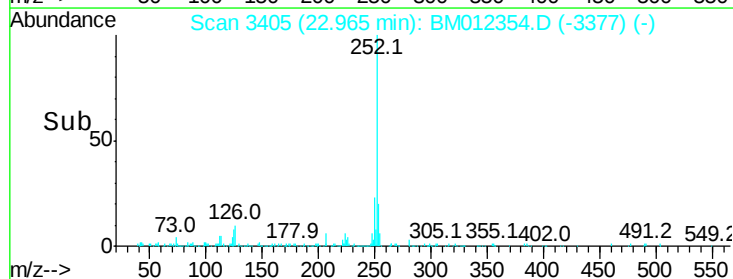
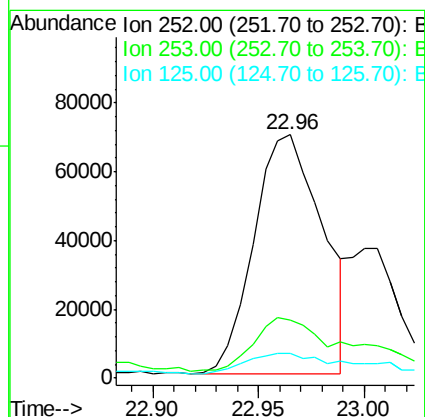
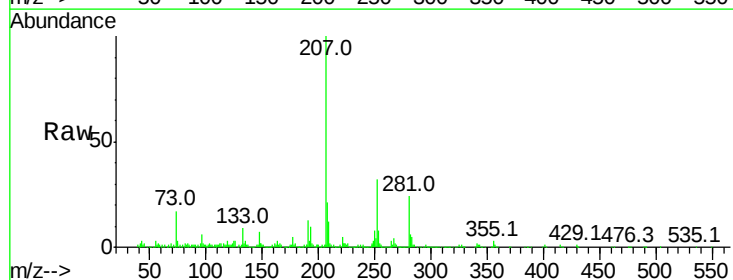
RT: 22.96 min Scan# 3405

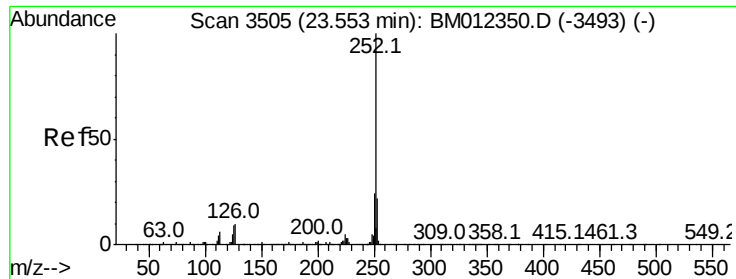
Delta R.T. -0.04 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

Tgt Ion:	252	Resp:	156555
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.6
125	10.2	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 1.424 ng/ul

RT: 23.55 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BM012354.D

Acq: 21 Oct 2017 12:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 252 Resp: 98632

Ion Ratio Lower Upper

252 100

253 25.9 17.1 25.7#

125 11.2 5.2 7.8#

