

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012362.D
 Acq On : 21 Oct 2017 17:01
 Operator : SJ/JU
 Sample : I5756-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:06:56 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	153051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	697681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	455036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1098845	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1331201	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1296806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	12642	3.93	ng/uL	0.00
5) Phenol-d5	6.94	99	275356	22.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	174843	23.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	244138	23.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	227446	21.27	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	122225	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	145087	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	270946	22.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	280744	25.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1052234	26.16	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1231494	25.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	78410	12.97	ng/ul	0.03
57) Fluorene-d10	15.42	176	894999	27.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	118439	15.71	ng/ul	0.00
70) Anthracene-d10	17.27	188	1404844	25.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	1790645	26.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1683013	26.92	ng/ul	0.00

Target Compounds

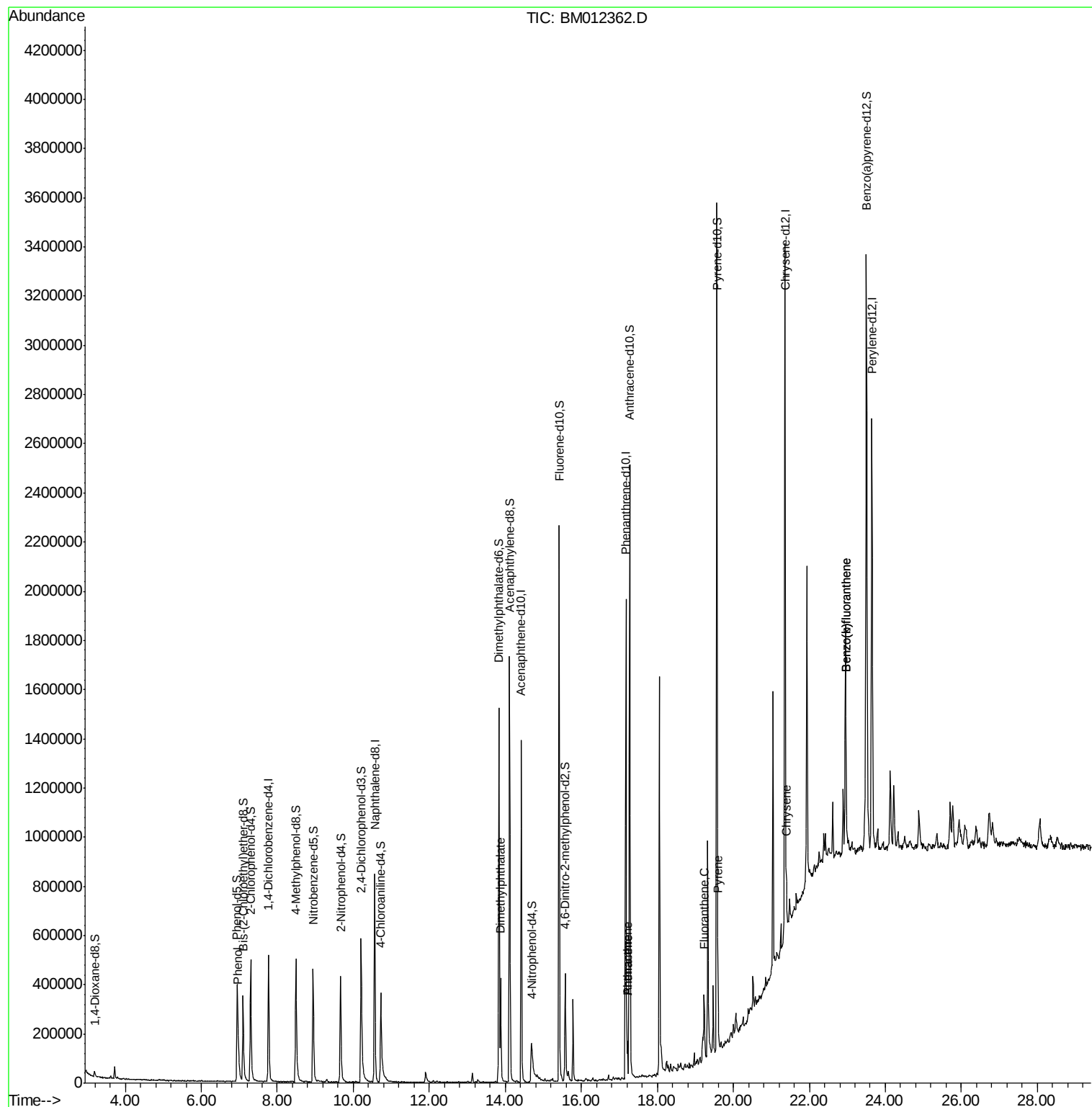
					Ovalue	
6) Phenol	6.97	94	55456	4.320	ng/ul#	84
44) Dimethylphthalate	13.88	163	277892	6.897	ng/ul	99
69) Phenanthrene	17.21	178	80197	1.283	ng/ul	99
71) Anthracene	17.21	178	80197	1.239	ng/ul	99
74) Fluoranthene	19.24	202	130185	1.726	ng/ul	97
77) Pyrene	19.59	202	148738	1.692	ng/ul	96
82) Chrysene	21.39	228	90387	1.111	ng/ul	93
85) Benzo(b)fluoranthene	22.96	252	103170	1.219	ng/ul#	82
86) Benzo(k)fluoranthene	22.96	252	103170	1.265	ng/ul#	83

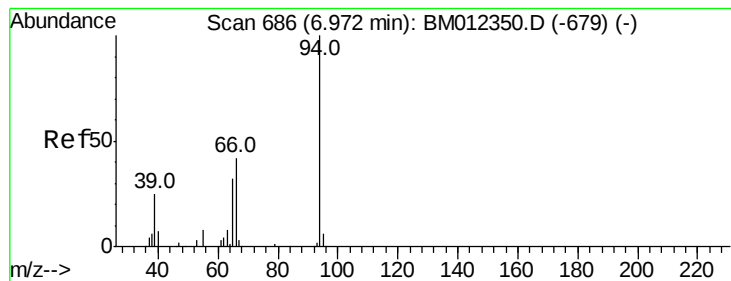
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.320 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Instrument :

BNA_M

ClientSampleId :

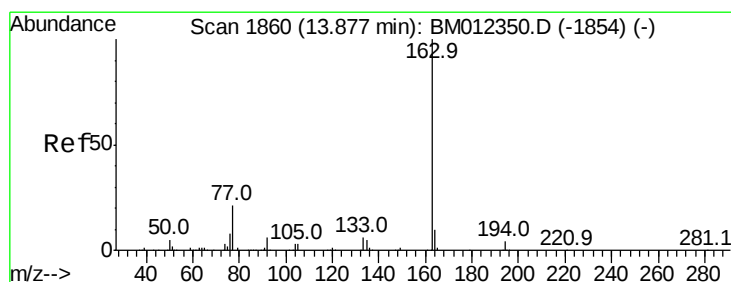
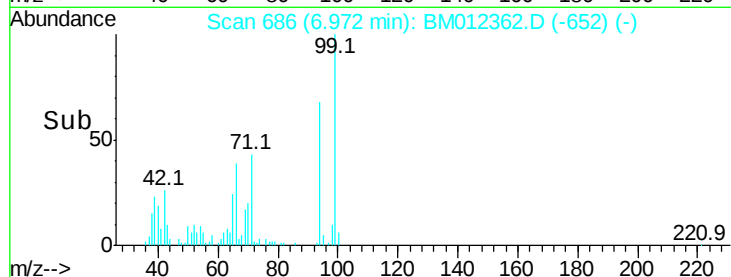
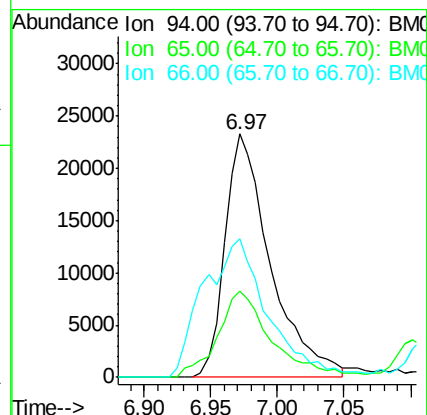
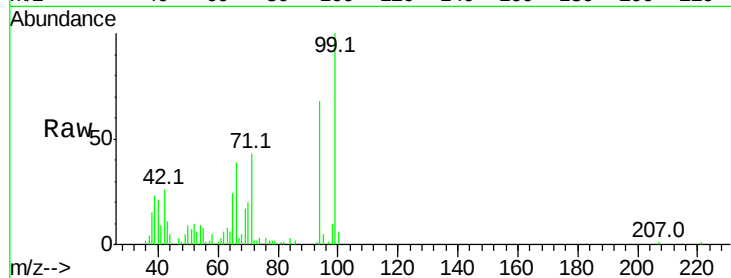
Tot Ion: 94 Resp: 55456

Ion Ratio Lower Upper

94 100

65 35.4 24.4 36.6

66 57.0 35.0 52.4#



#44

Dimethylphthalate

Concen: 6.897 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

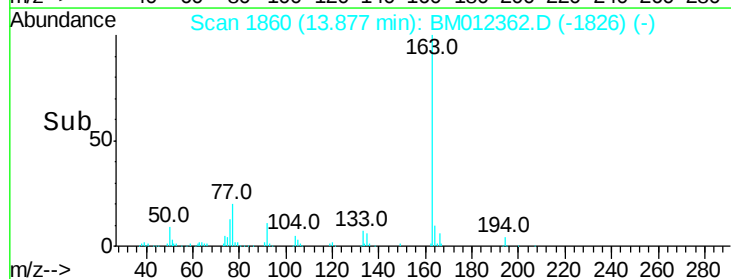
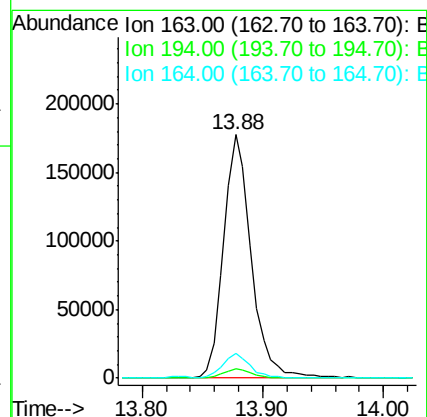
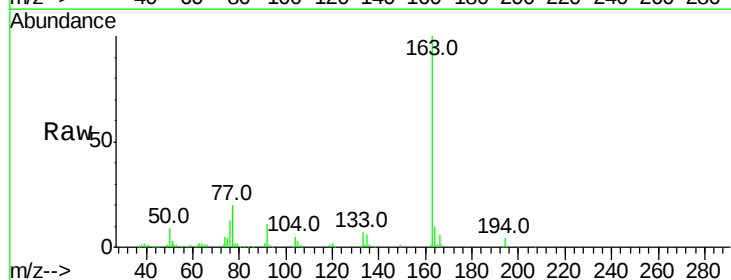
Tgt Ion:163 Resp: 277892

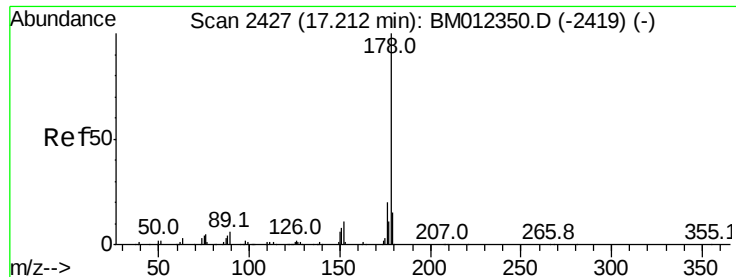
Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

164 10.2 8.1 12.1





#69

Phenanthrene

Concen: 1.283 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

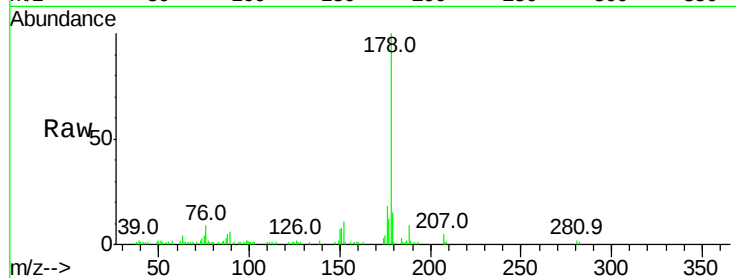
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 80197

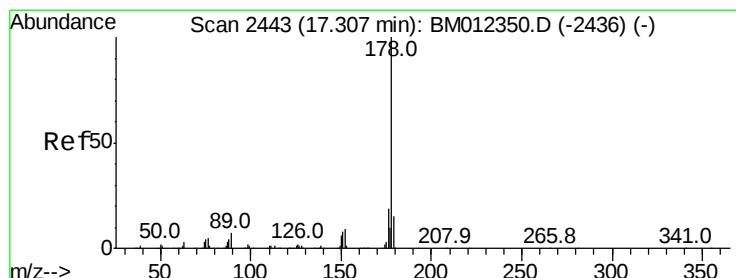
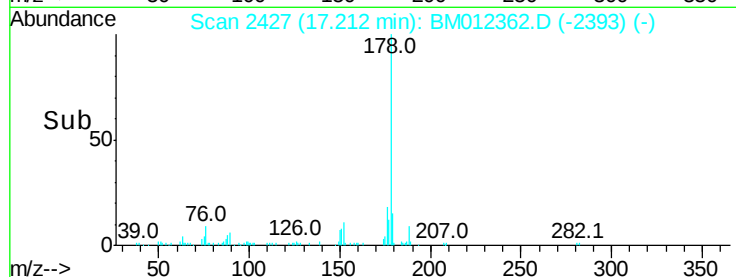
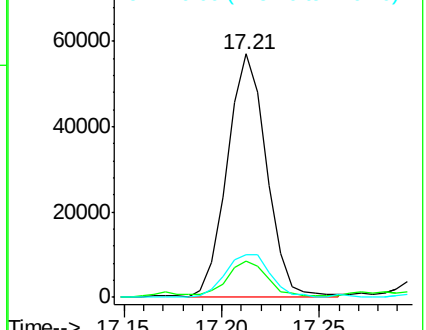
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	17.8	15.0	22.6



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: 1.239 ng/ul

RT: 17.21 min Scan# 2427

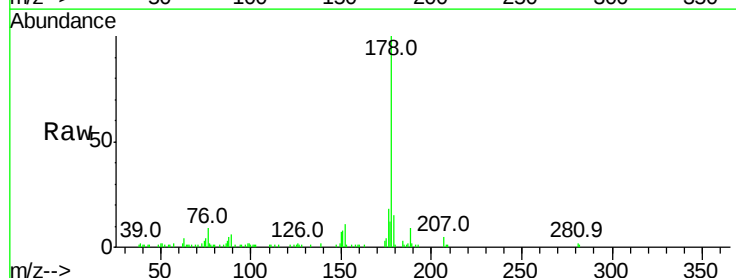
Delta R.T. -0.09 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Tgt Ion:178 Resp: 80197

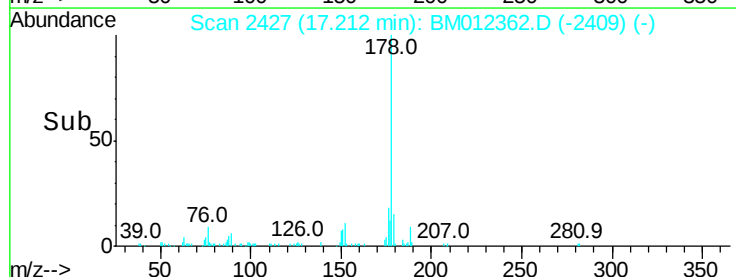
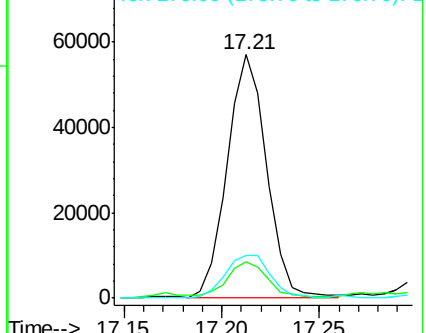
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	17.8	14.7	22.1

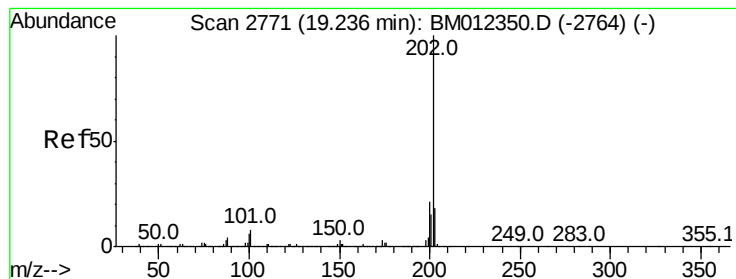


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.726 ng/ul

RT: 19.24 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Instrument :

BNA_M

ClientSampleId :

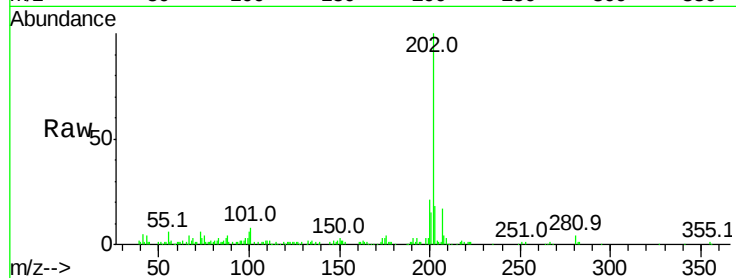
Tot Ion:202 Resp: 130185

Ion Ratio Lower Upper

202 100

101 8.0 5.8 8.6

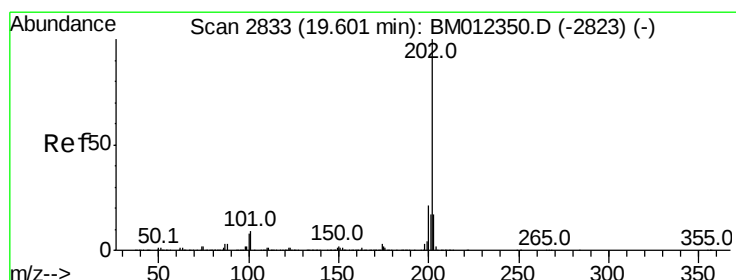
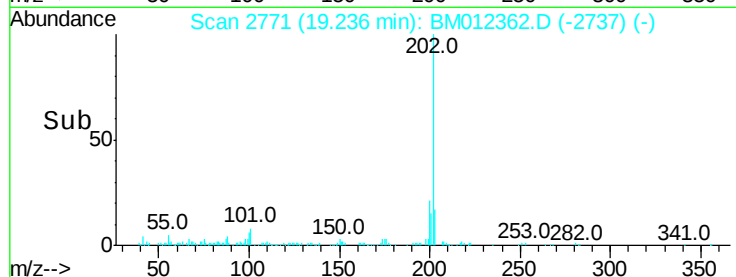
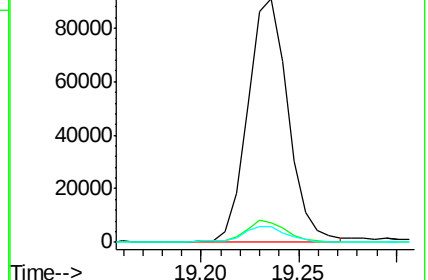
100 6.4 4.3 6.5



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: 1.692 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

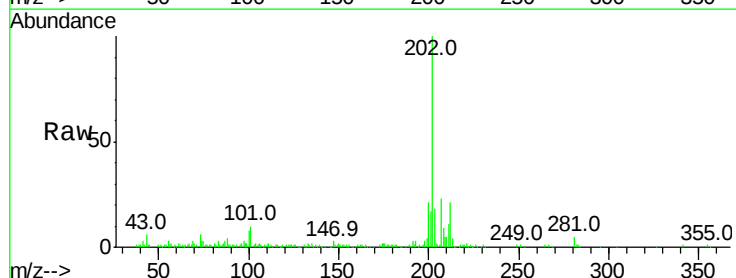
Tgt Ion:202 Resp: 148738

Ion Ratio Lower Upper

202 100

101 9.6 6.5 9.7

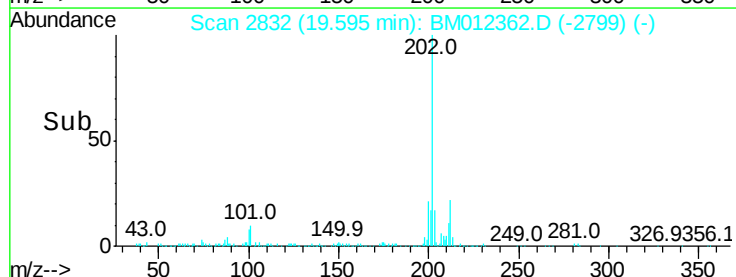
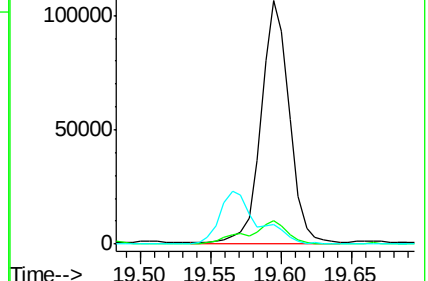
100 8.0 5.6 8.4

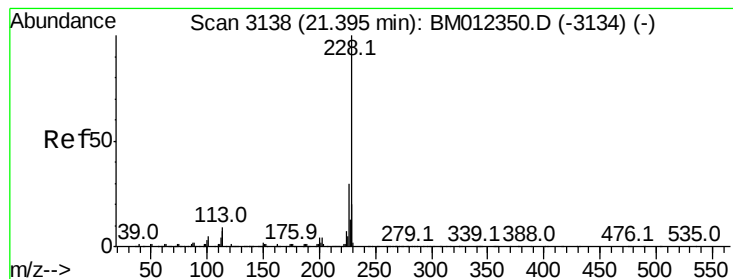


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.111 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

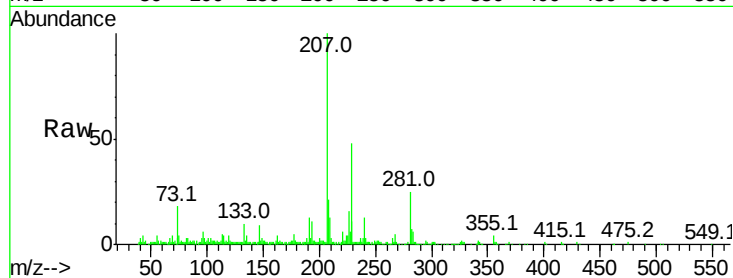
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 90387

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.0	36.0
229	23.2	15.5	23.3

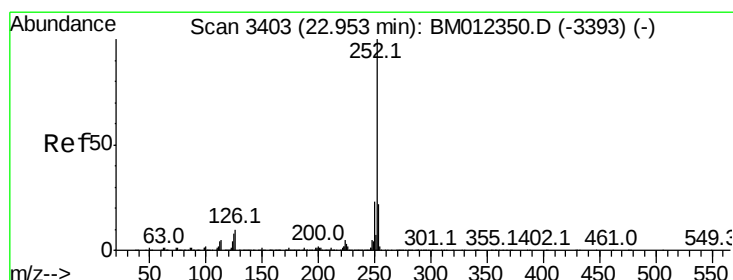
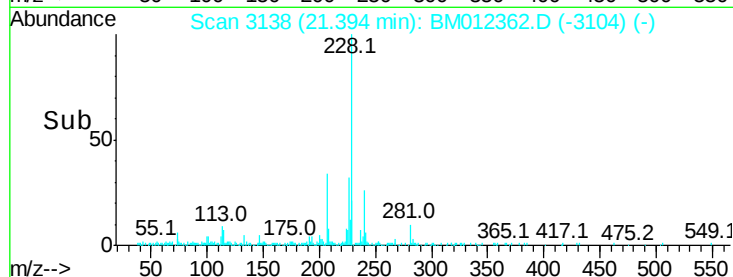
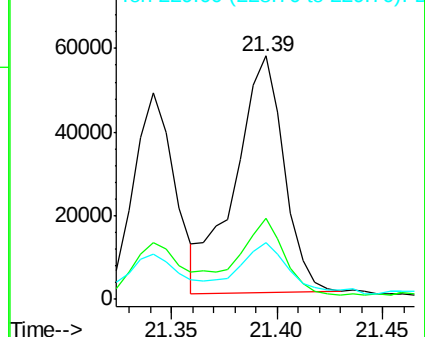


Abundance

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: 1.219 ng/ul

RT: 22.96 min Scan# 3405

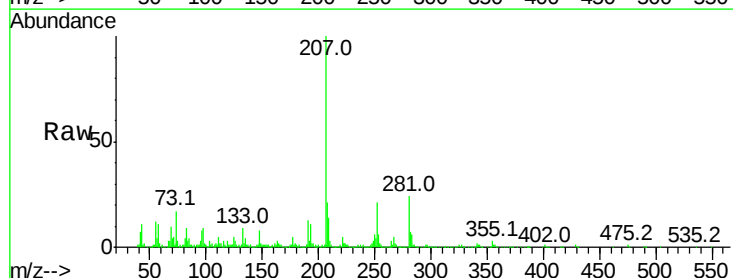
Delta R.T. 0.01 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Tgt Ion:252 Resp: 103170

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	21.6	5.1	7.7#

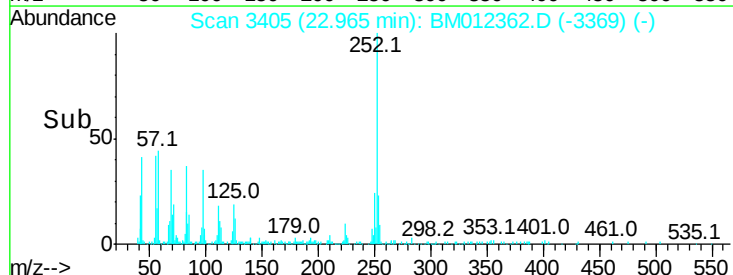
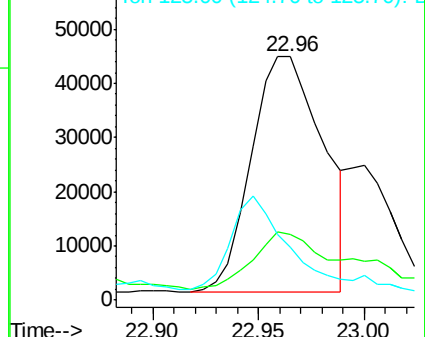


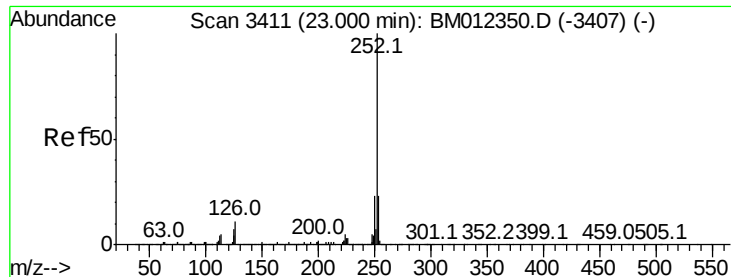
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.265 ng/ul

RT: 22.96 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 103170

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.6#

125 21.6 4.9 7.3#

