

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012355.D
 Acq On : 21 Oct 2017 12:46
 Operator : SJ/JU
 Sample : I5756-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:03:44 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	225553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1003105	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	629719	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1435428	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1283237	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1003277	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	17343	3.65	ng/uL	0.00
5) Phenol-d5	6.94	99	350514	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	230874	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	321650	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	324554	20.60	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	155403	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	186873	20.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	346160	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	295554	18.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1247747	22.42	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1475907	21.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	71132	8.50	ng/ul	0.02
57) Fluorene-d10	15.42	176	1031358	22.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	129964	13.19	ng/ul	0.00
70) Anthracene-d10	17.27	188	1508591	21.25	ng/ul	0.00
76) Pyrene-d10	19.57	212	1718505	26.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1113807	23.03	ng/ul	0.00

Target Compounds

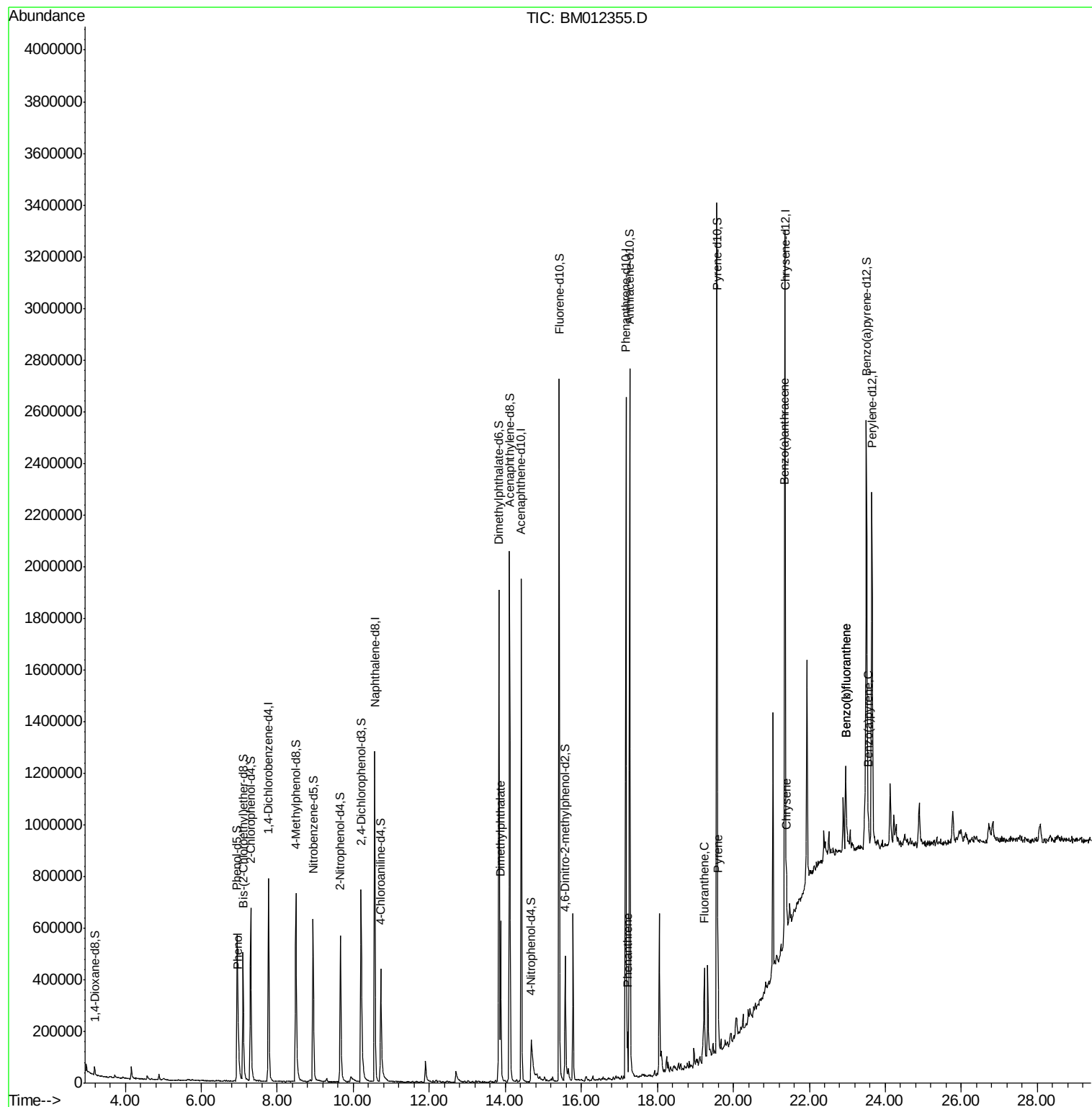
					Ovalue	
6) Phenol	6.97	94	68107	3.600	ng/ul#	83
44) Dimethylphthalate	13.88	163	396711	7.115	ng/ul	98
69) Phenanthrene	17.21	178	89365	1.094	ng/ul	98
74) Fluoranthene	19.24	202	188962	1.918	ng/ul	99
77) Pyrene	19.59	202	211693	2.498	ng/ul#	96
80) Benzo(a)anthracene	21.34	228	97780	1.171	ng/ul	95
82) Chrysene	21.39	228	109901	1.402	ng/ul	94
85) Benzo(b)fluoranthene	22.97	252	115919	1.771	ng/ul#	87
86) Benzo(k)fluoranthene	22.97	252	115919	1.837	ng/ul#	88
88) Benzo(a)pyrene	23.55	252	72010	1.167	ng/ul#	89

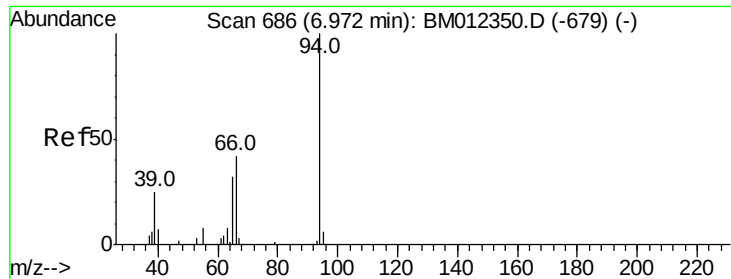
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.600 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM012355.D

Acq: 21 Oct 2017 12:46

Instrument :

BNA_M

ClientSampleId :

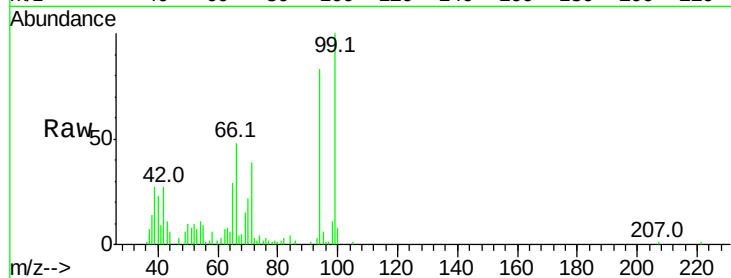
Tot Ion: 94 Resp: 68107

Ion Ratio Lower Upper

94 100

65 35.1 24.4 36.6

66 58.1 35.0 52.4#



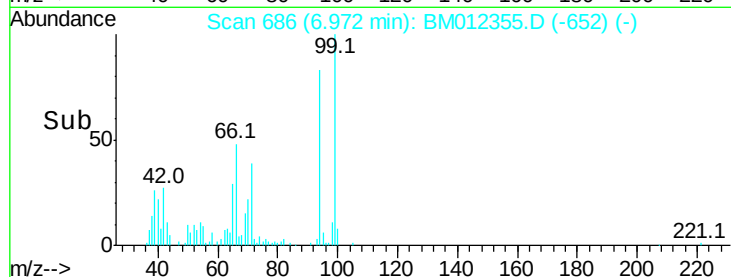
Abundance Ion 94.00 (93.70 to 94.70): BM012355.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BM012355.D (-679) (-)

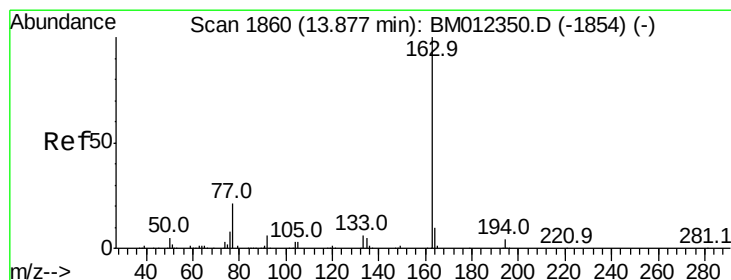
Ion 66.00 (65.70 to 66.70): BM012355.D (-679) (-)

6.97

Time-->



Time-->



#44

Dimethylphthalate

Concen: 7.115 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM012355.D

Acq: 21 Oct 2017 12:46

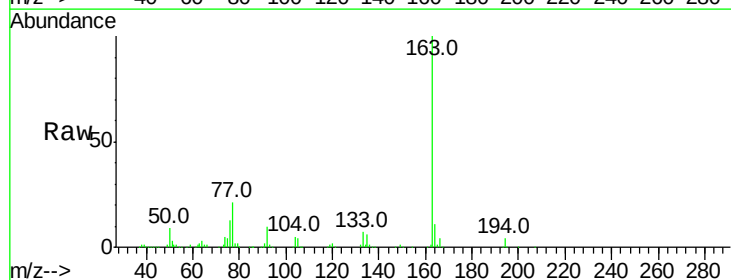
Tgt Ion:163 Resp: 396711

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

164 10.6 8.1 12.1



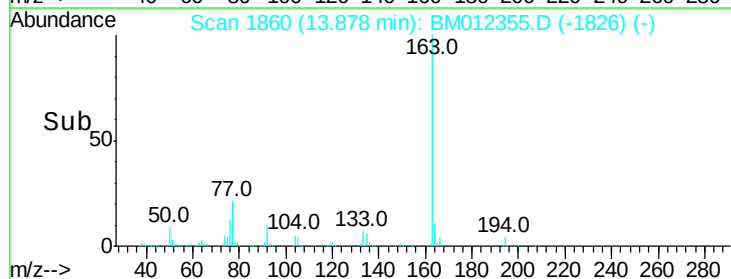
Abundance Ion 163.00 (162.70 to 163.70): BM012355.D (-1826) (-)

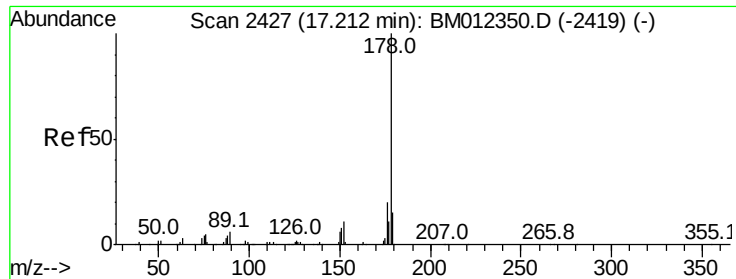
Ion 194.00 (193.70 to 194.70): BM012355.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BM012355.D (-1826) (-)

13.88

Time-->





#69

Phenanthrene

Concen: 1.094 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012355.D

Acq: 21 Oct 2017 12:46

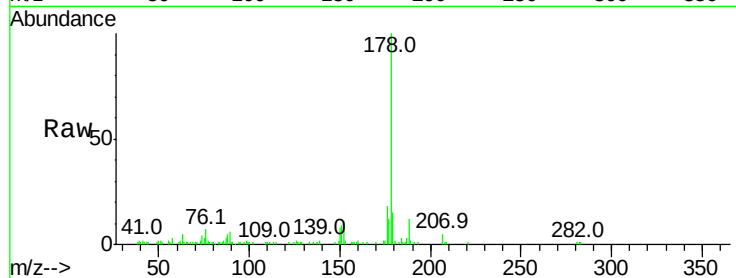
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 89365

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	17.8	15.0	22.6

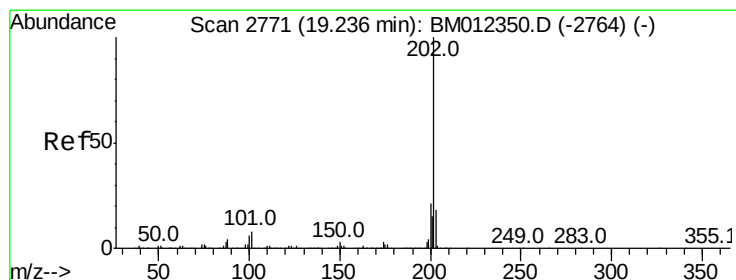
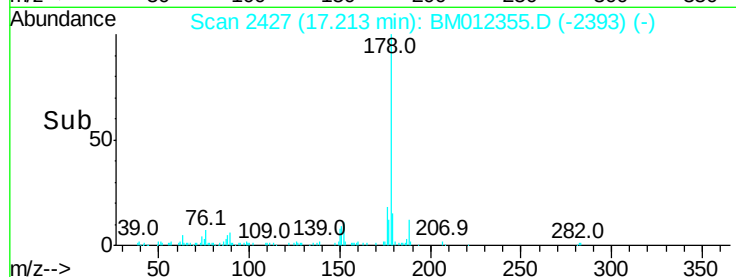
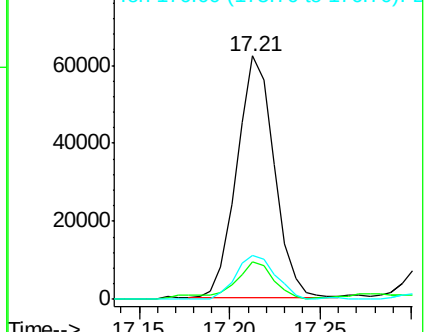


Abundance

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



#74

Fluoranthene

Concen: 1.918 ng/ul

RT: 19.24 min Scan# 2771

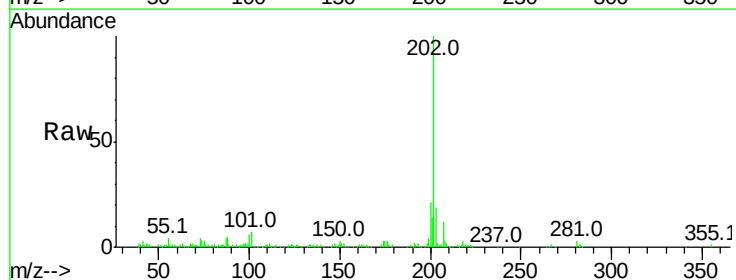
Delta R.T. 0.00 min

Lab File: BM012355.D

Acq: 21 Oct 2017 12:46

Tgt Ion:202 Resp: 188962

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.8	8.6
100	6.2	4.3	6.5

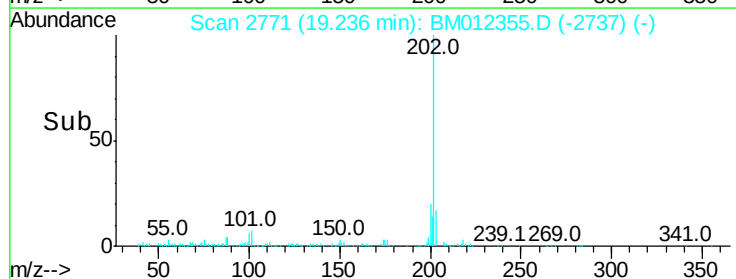
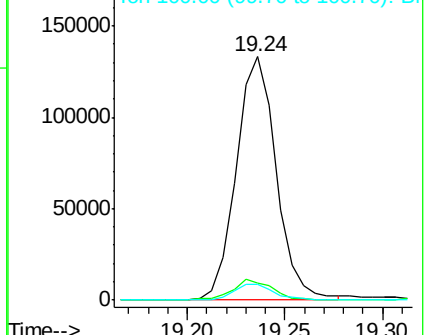


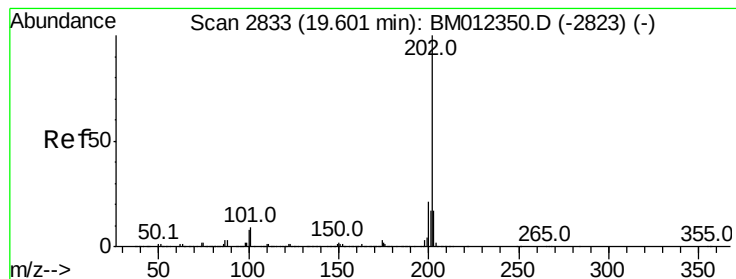
Abundance

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

Pvrene

Concen: 2.498 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BM012355.D

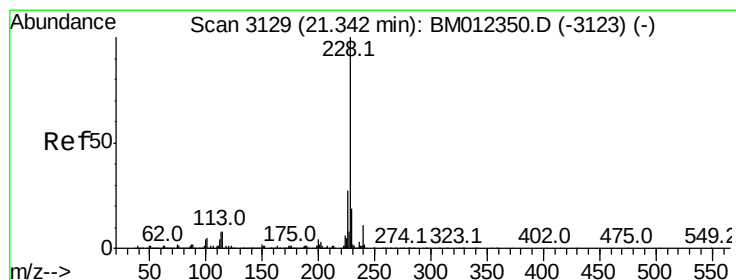
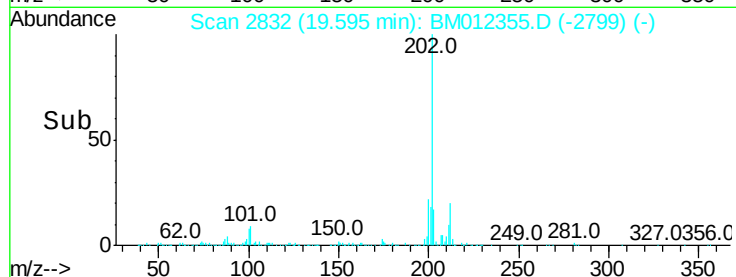
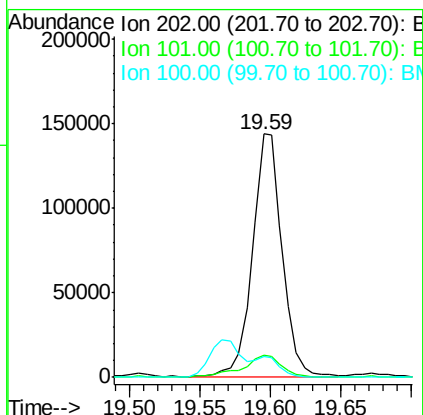
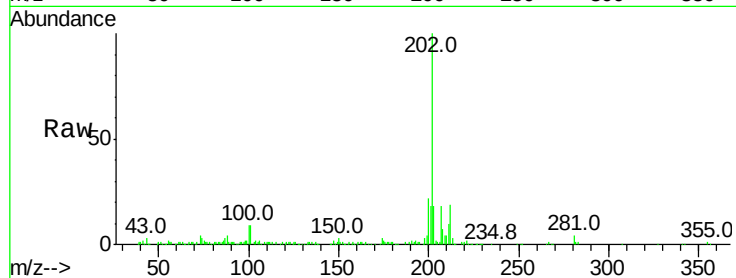
Acq: 21 Oct 2017 12:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	211693
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.5	9.7
100	8.5	5.6	8.4#



#80

Benzo(a)anthracene

Concen: 1.171 ng/ul

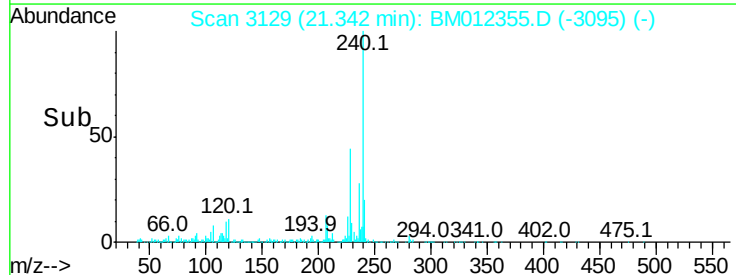
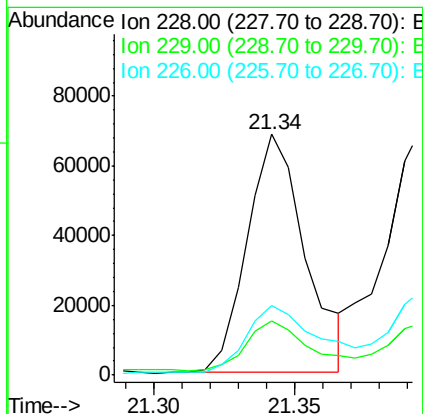
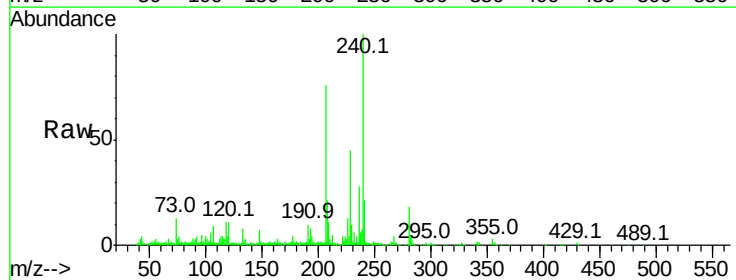
RT: 21.34 min Scan# 3129

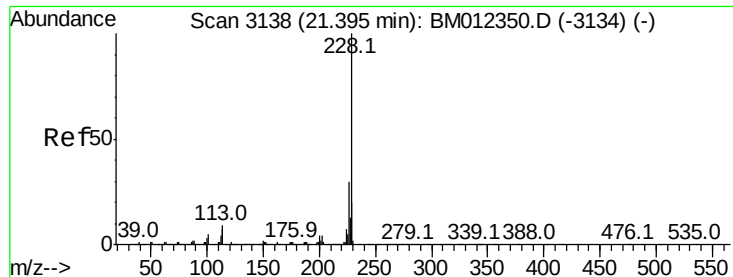
Delta R.T. 0.00 min

Lab File: BM012355.D

Acq: 21 Oct 2017 12:46

Tgt Ion:	228	Resp:	97780
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.8	23.8
226	29.1	21.4	32.2





#82

Chrysene

Concen: 1.402 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BM012355.D

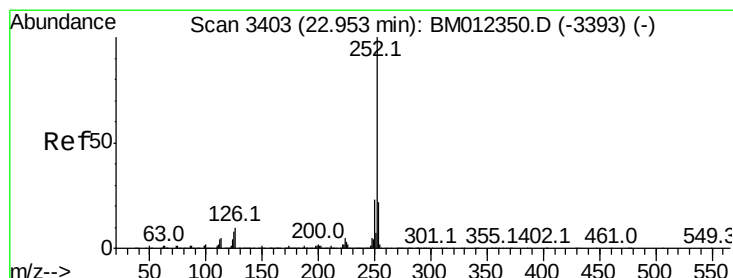
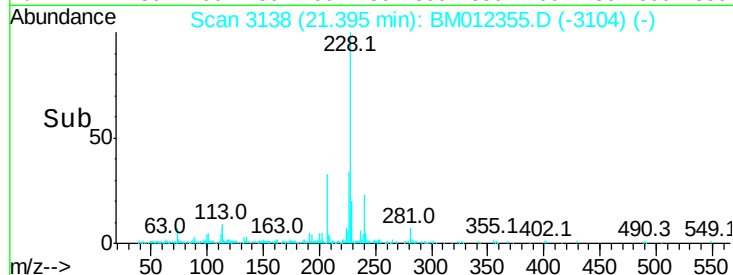
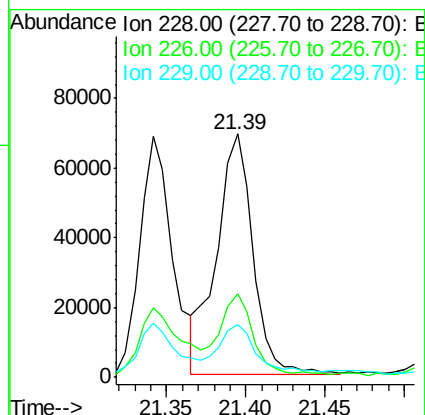
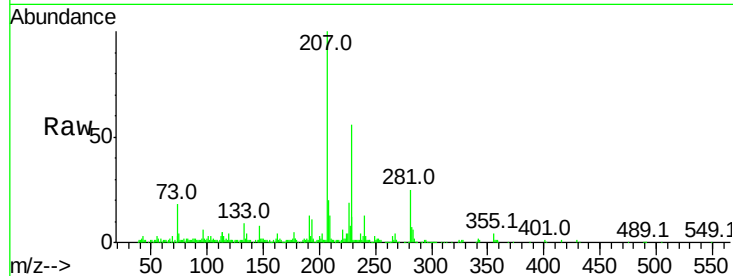
Acq: 21 Oct 2017 12:46

Instrument :

BNA_M

ClientSampled :

Tot Ion:	228	Resp:	109901
Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.0	36.0
229	21.5	15.5	23.3



#85

Benzo(b)fluoranthene

Concen: 1.771 ng/ul

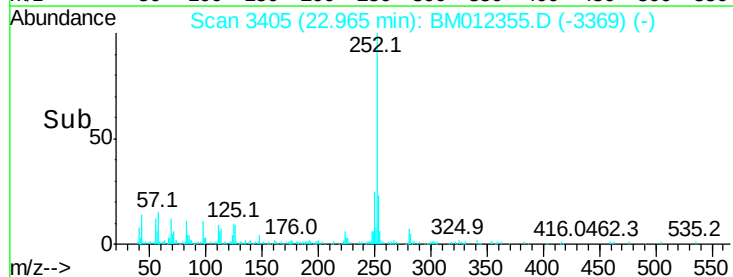
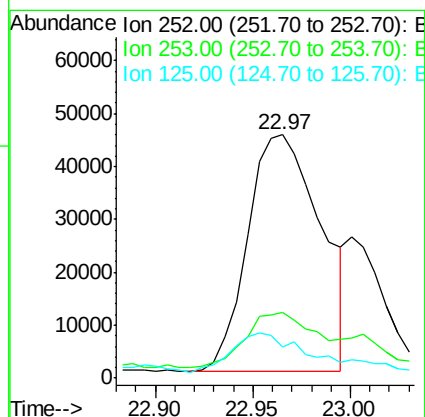
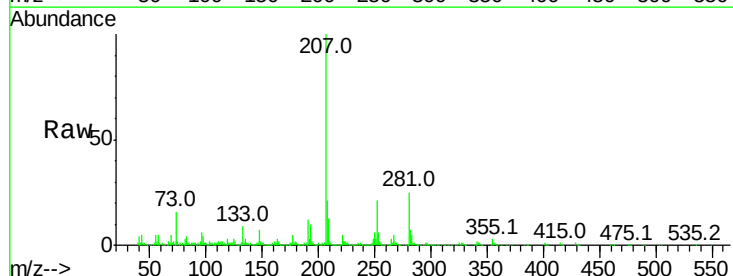
RT: 22.97 min Scan# 3405

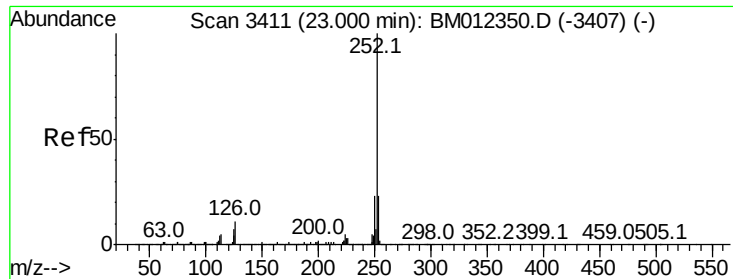
Delta R.T. 0.01 min

Lab File: BM012355.D

Acq: 21 Oct 2017 12:46

Tgt Ion:	252	Resp:	115919
Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.4	26.2#
125	13.0	5.1	7.7#

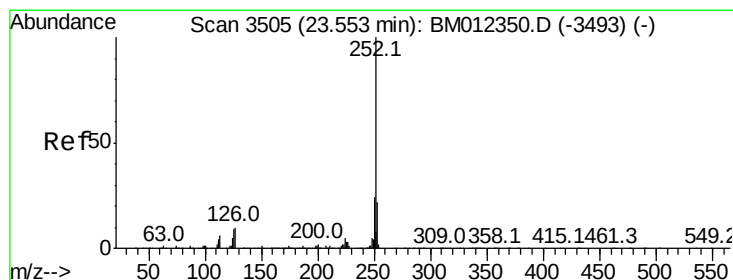
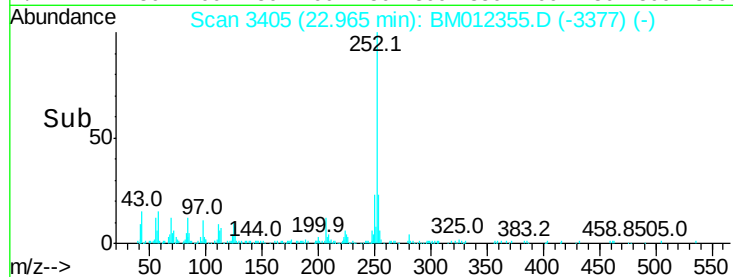
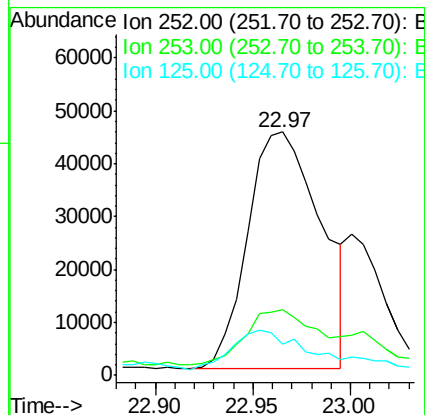
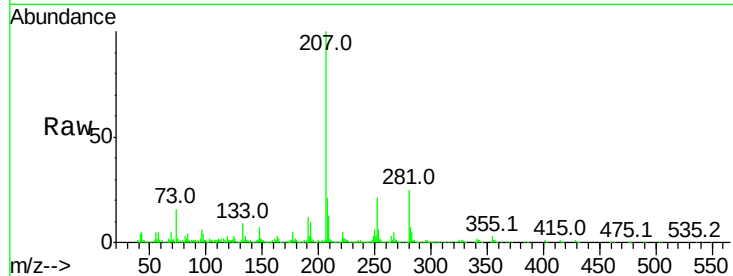




#86
Benzo(k)fluoranthene
Concen: 1.837 ng/ul
RT: 22.97 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BM012355.D
Acq: 21 Oct 2017 12:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 115919
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.6#
125 13.0 4.9 7.3#



#88
Benzo(a)pyrene
Concen: 1.167 ng/ul
RT: 23.55 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BM012355.D
Acq: 21 Oct 2017 12:46

Tgt Ion:252 Resp: 72010
Ion Ratio Lower Upper
252 100
253 25.9 17.1 25.7#
125 12.1 5.2 7.8#

