

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012390.D
 Acq On : 22 Oct 2017 10:31
 Operator : SJ/JU
 Sample : I5701-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:37:19 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

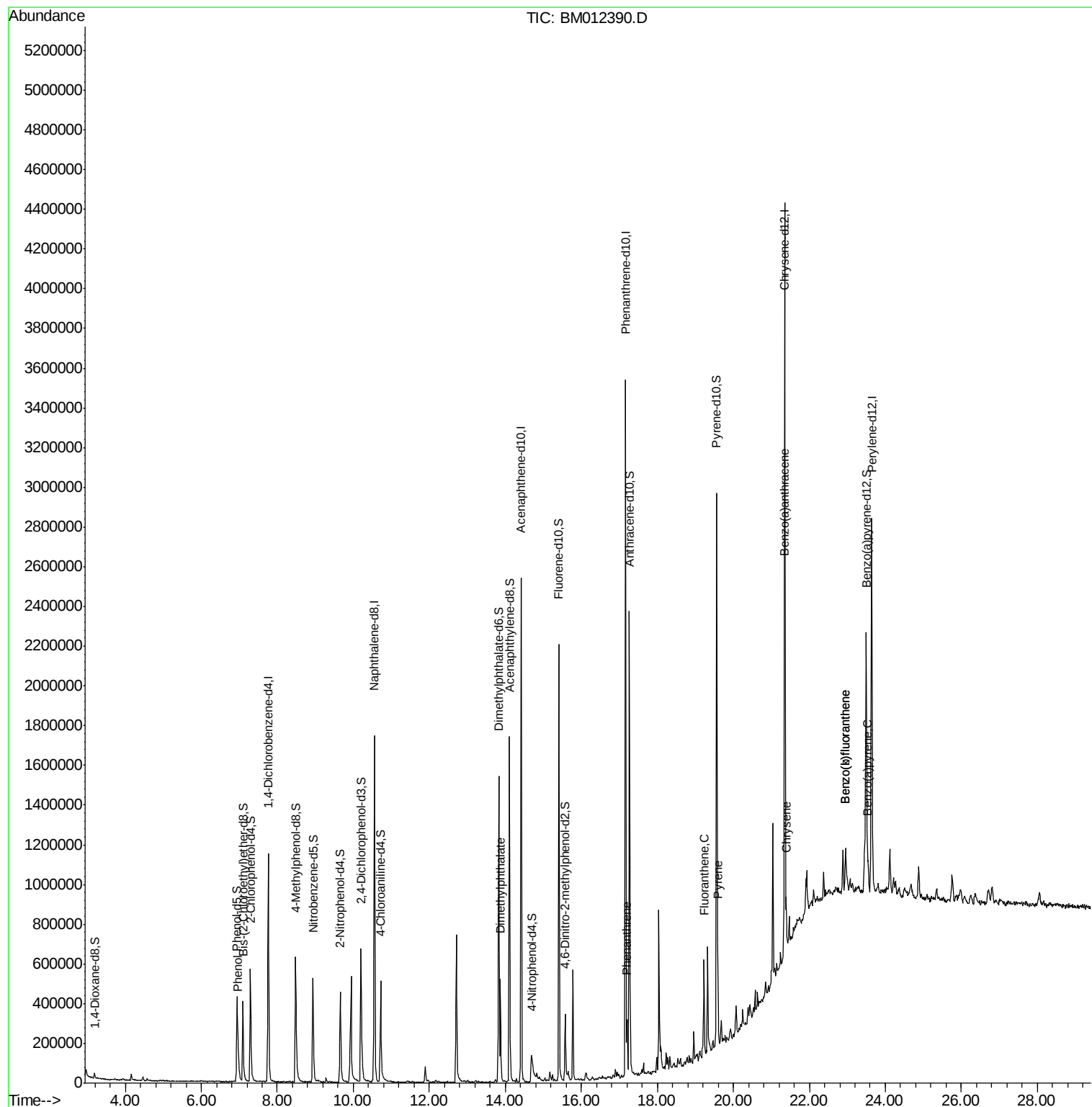
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	318277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1360254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	837469	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1892049	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1648252	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1349394	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	11469	1.71	ng/uL	0.00
5) Phenol-d5	6.94	99	291314	11.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	189855	12.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	268398	12.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	277047	12.46	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	128007	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	151285	12.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	297588	12.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	322882	14.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1015772	13.72	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1211614	13.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	64283	5.78	ng/ul	0.02
57) Fluorene-d10	15.41	176	868193	14.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	93904	7.23	ng/ul	0.00
70) Anthracene-d10	17.27	188	1271107	13.59	ng/ul	0.00
76) Pyrene-d10	19.56	212	1389159	16.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	889171	13.67	ng/ul	0.00
Target Compounds						
6) Phenol	6.97	94	57097	2.139	ng/ul#	84
44) Dimethylphthalate	13.87	163	316651	4.270	ng/ul	99
69) Phenanthrene	17.21	178	147393	1.369	ng/ul	99
74) Fluoranthene	19.23	202	263994	2.032	ng/ul	99
77) Pyrene	19.59	202	271720	2.496	ng/ul	99
80) Benzo(a)anthracene	21.34	228	122149	1.139	ng/ul	93
82) Chrysene	21.39	228	136424	1.355	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	135043	1.534	ng/ul#	93
86) Benzo(k)fluoranthene	22.95	252	135043	1.591	ng/ul#	93
88) Benzo(a)pyrene	23.54	252	91627	1.104	ng/ul#	91

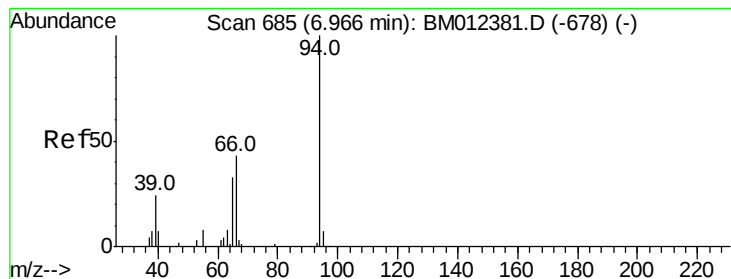
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.139 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

Instrument :

BNA_M

ClientSampleId :

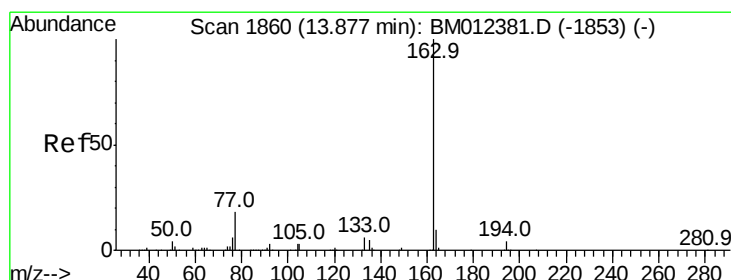
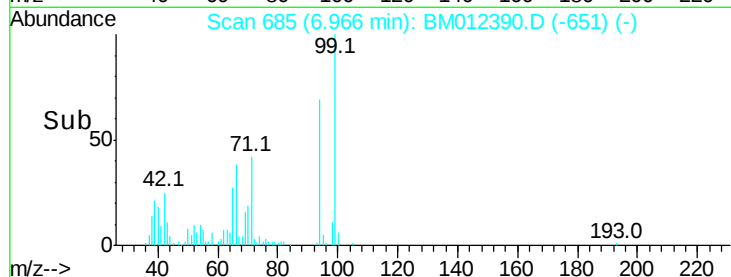
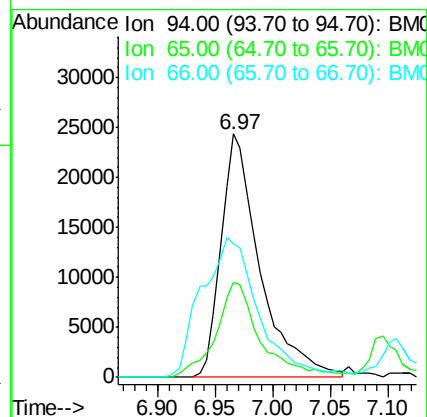
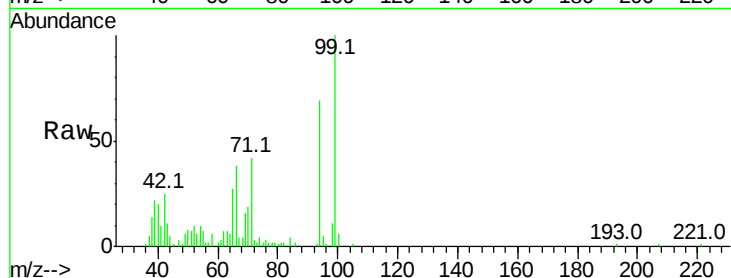
Tot Ion: 94 Resp: 57097

Ion Ratio Lower Upper

94 100

65 38.9 24.4 36.6#

66 54.6 35.0 52.4#



#44

Dimethylphthalate

Concen: 4.270 ng/ul

RT: 13.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

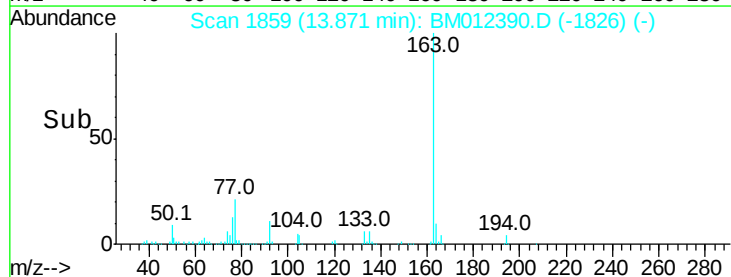
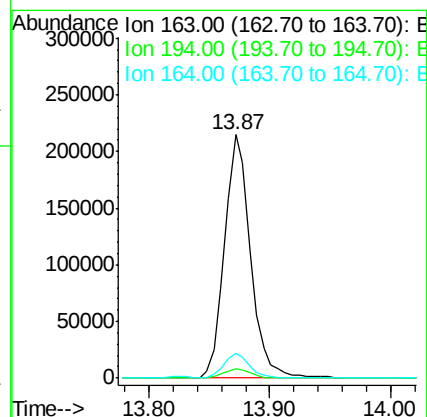
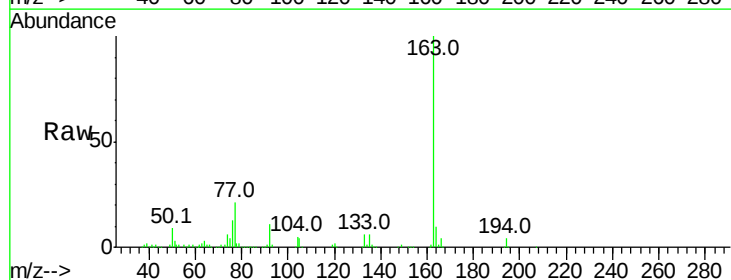
Tgt Ion: 163 Resp: 316651

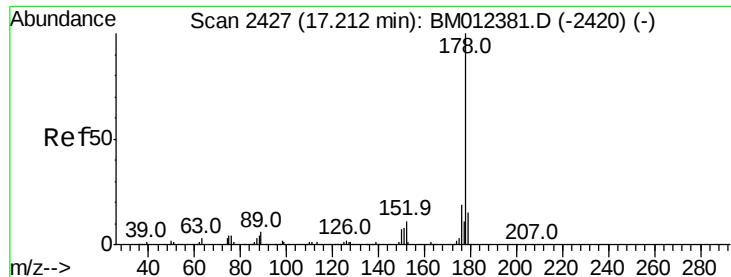
Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

164 10.0 8.1 12.1





#69

Phenanthrene

Concen: 1.369 ng/ul

RT: 17.21 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

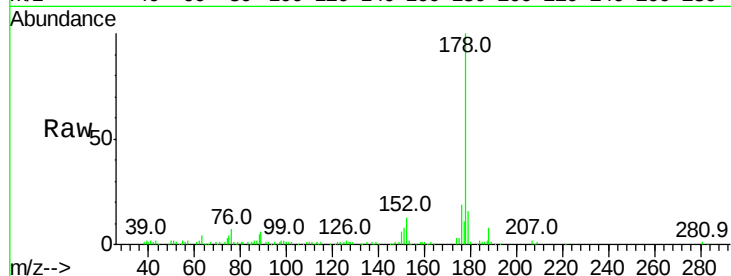
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 147393

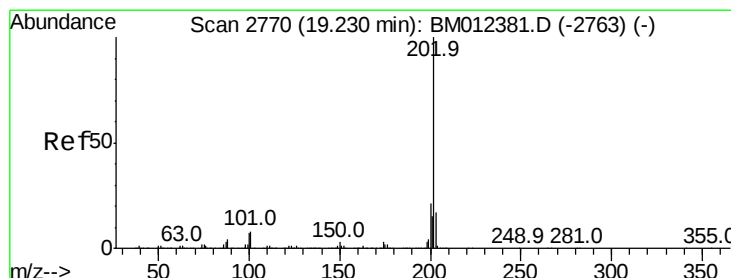
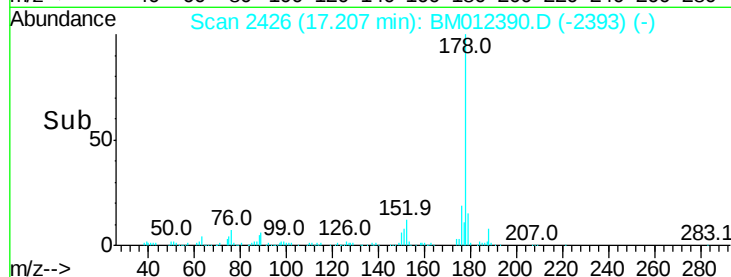
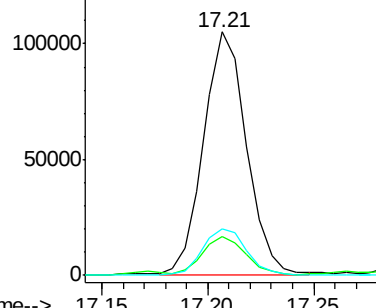
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	19.0	15.0	22.6



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: 2.032 ng/ul

RT: 19.23 min Scan# 2770

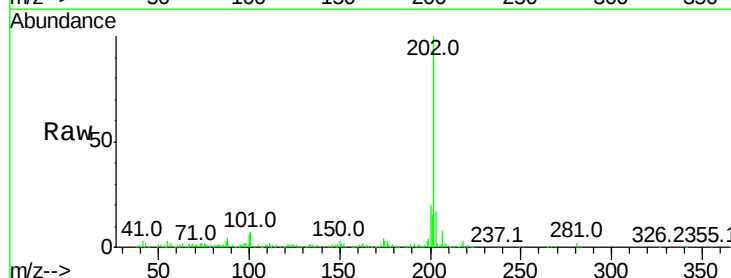
Delta R.T. 0.00 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

Tgt Ion:202 Resp: 263994

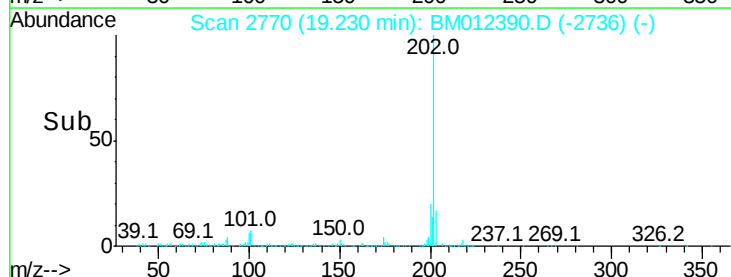
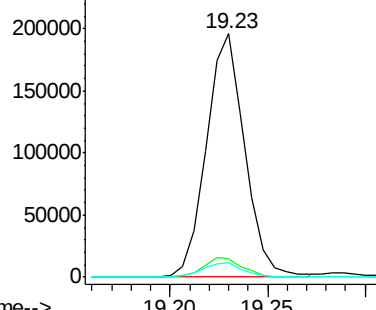
Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.8	8.6
100	6.2	4.3	6.5

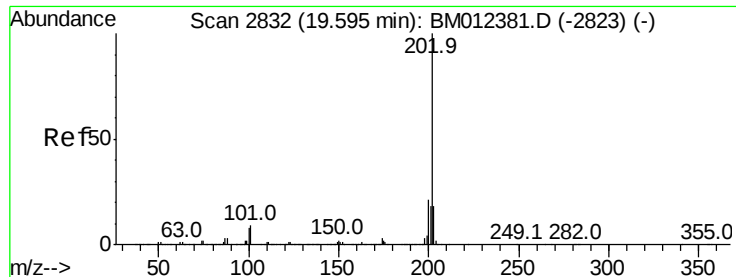


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.496 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

Instrument :

BNA_M

ClientSampleId :

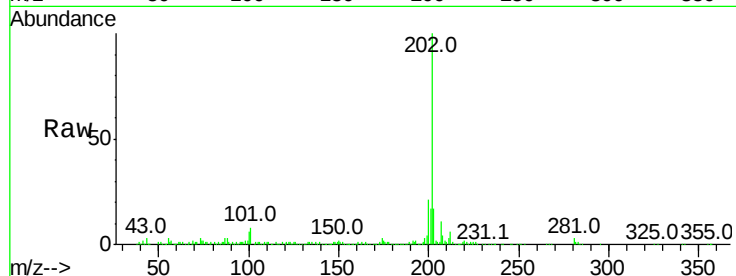
Tot Ion:202 Resp: 271720

Ion Ratio Lower Upper

202 100

101 8.2 6.5 9.7

100 6.1 5.6 8.4

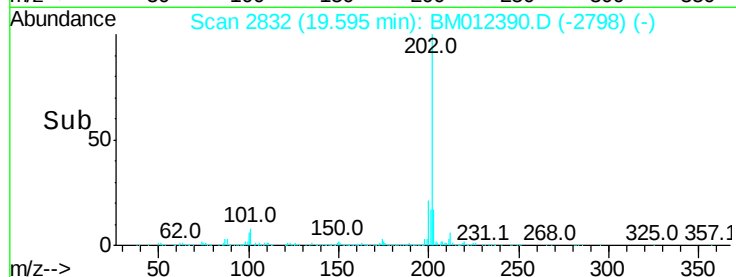


Abundance Ion 202.00 (201.70 to 202.70): E

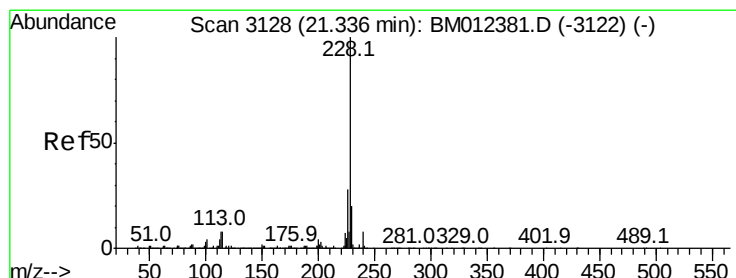
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.59



Time-->



#80

Benzo(a)anthracene

Concen: 1.139 ng/ul

RT: 21.34 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

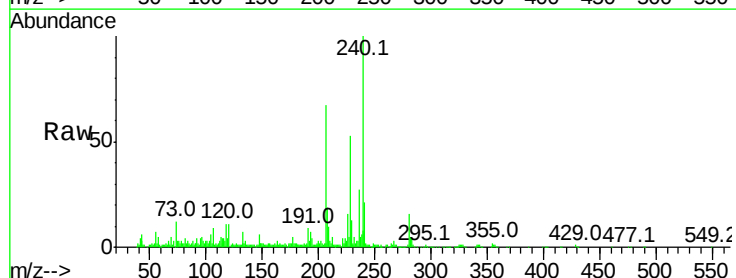
Tgt Ion:228 Resp: 122149

Ion Ratio Lower Upper

228 100

229 23.6 15.8 23.8

226 29.6 21.4 32.2

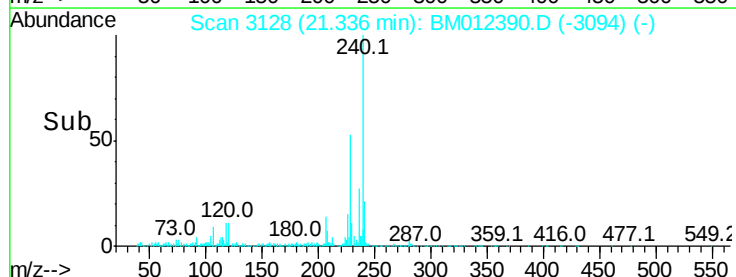


Abundance Ion 228.00 (227.70 to 228.70): E

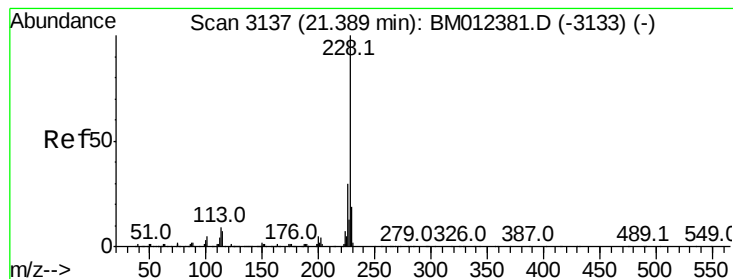
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.34



Time-->



#82

Chrysene

Concen: 1.355 ng/ul

RT: 21.39 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

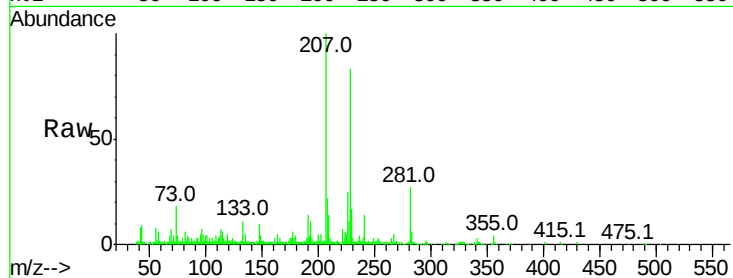
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 136424

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.5	15.5	23.3

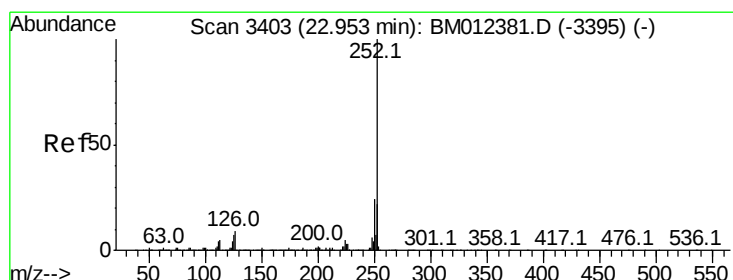
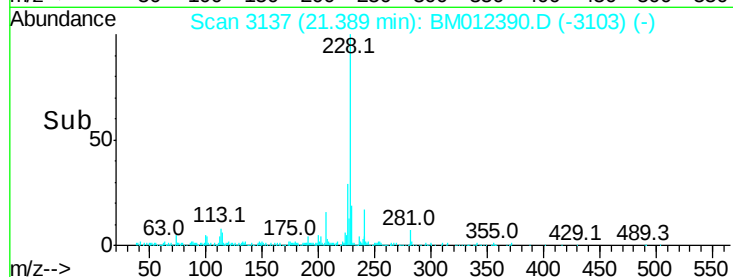
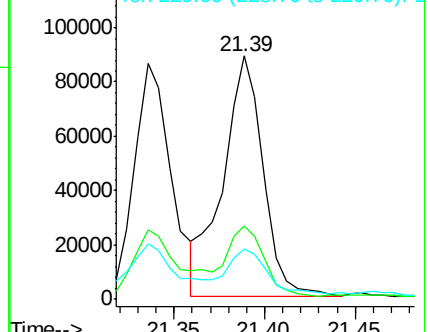


Abundance

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: 1.534 ng/ul

RT: 22.95 min Scan# 3403

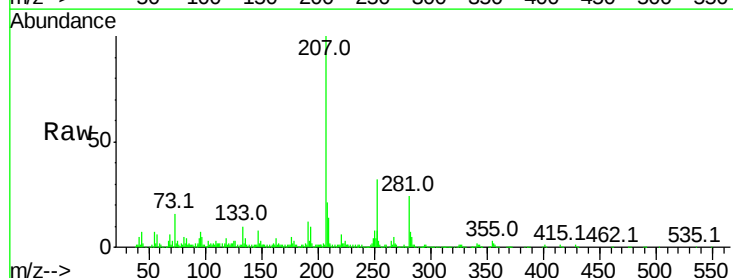
Delta R.T. 0.00 min

Lab File: BM012390.D

Acq: 22 Oct 2017 10:31

Tgt Ion:252 Resp: 135043

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	10.7	5.1	7.7#

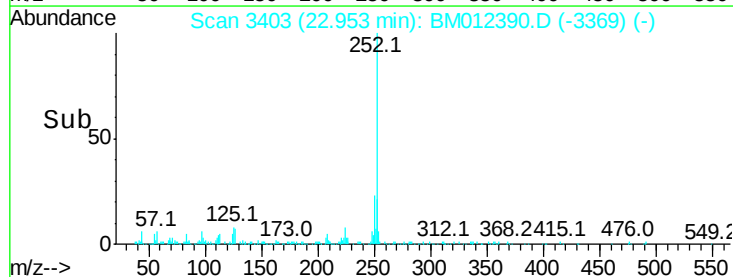
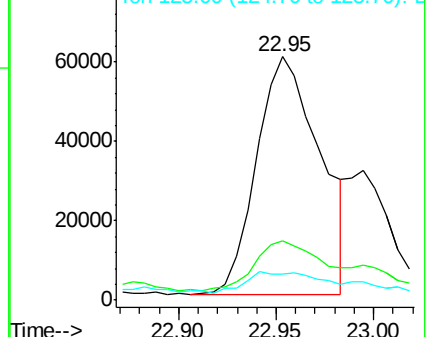


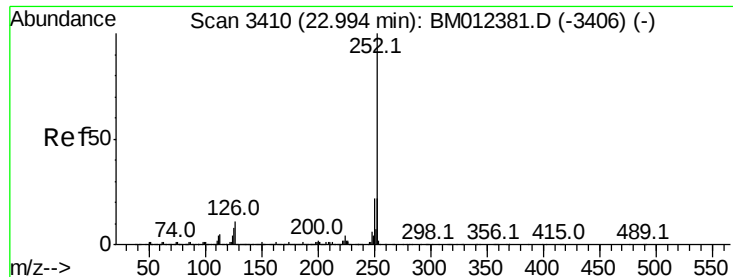
Abundance

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

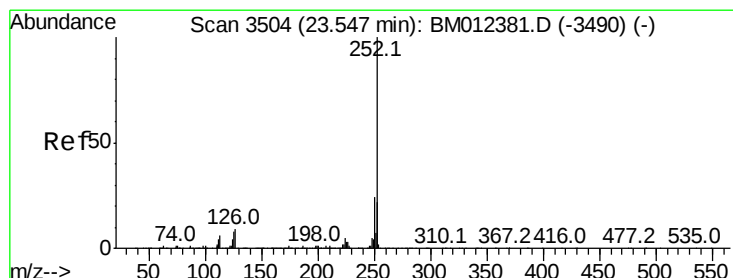
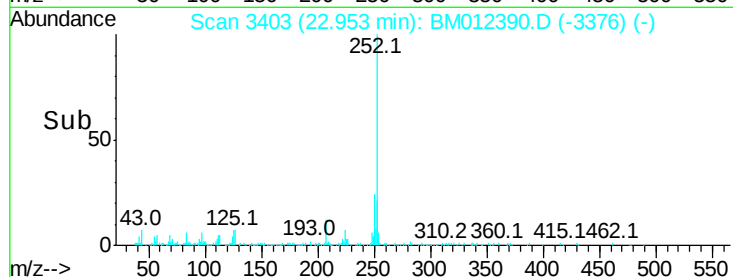
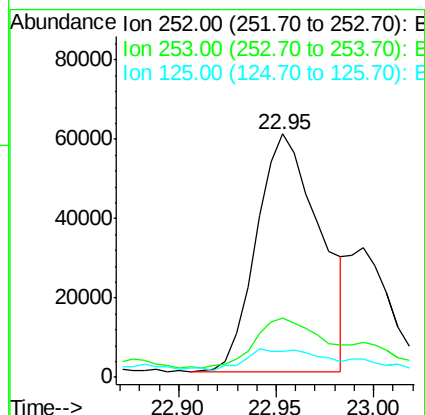
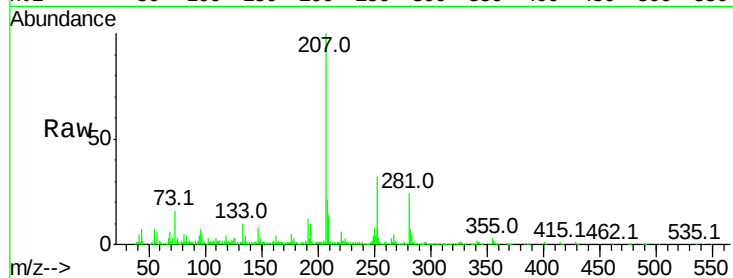




#86
Benzo(k)fluoranthene
Concen: 1.591 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. -0.04 min
Lab File: BM012390.D
Acq: 22 Oct 2017 10:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 135043
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 10.7 4.9 7.3#



#88
Benzo(a)pyrene
Concen: 1.104 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012390.D
Acq: 22 Oct 2017 10:31

Tgt Ion:252 Resp: 91627
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 11.1 5.2 7.8#

