

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012051.D
 Acq On : 10 Oct 2017 20:34
 Operator : SJ/JU
 Sample : I5669-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 11 01:15:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 01:12:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	156733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	710337	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	447563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1099144	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1439365	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1540502	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	434	0.13	ng/uL	0.00
5) Phenol-d5	7.02	99	1211	0.09	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.19	67	12333	1.55	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	3972	0.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	2586	0.22	ng/ul	0.05
19) Nitrobenzene-d5	9.03	128	7797	1.54	ng/ul	0.02
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.30	165	305	0.03	ng/ul	0.04
29) 4-Chloroaniline-d4	10.65	131	814	0.06	ng/ul	-0.14
43) Dimethylphthalate-d6	13.90	166	6301	0.16	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	87426	1.92	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.49	176	74954	2.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.33	188	144839	2.67	ng/ul	0.00
76) Pyrene-d10	19.62	212	180733	2.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	153548	2.07	ng/ul	0.00

Target Compounds

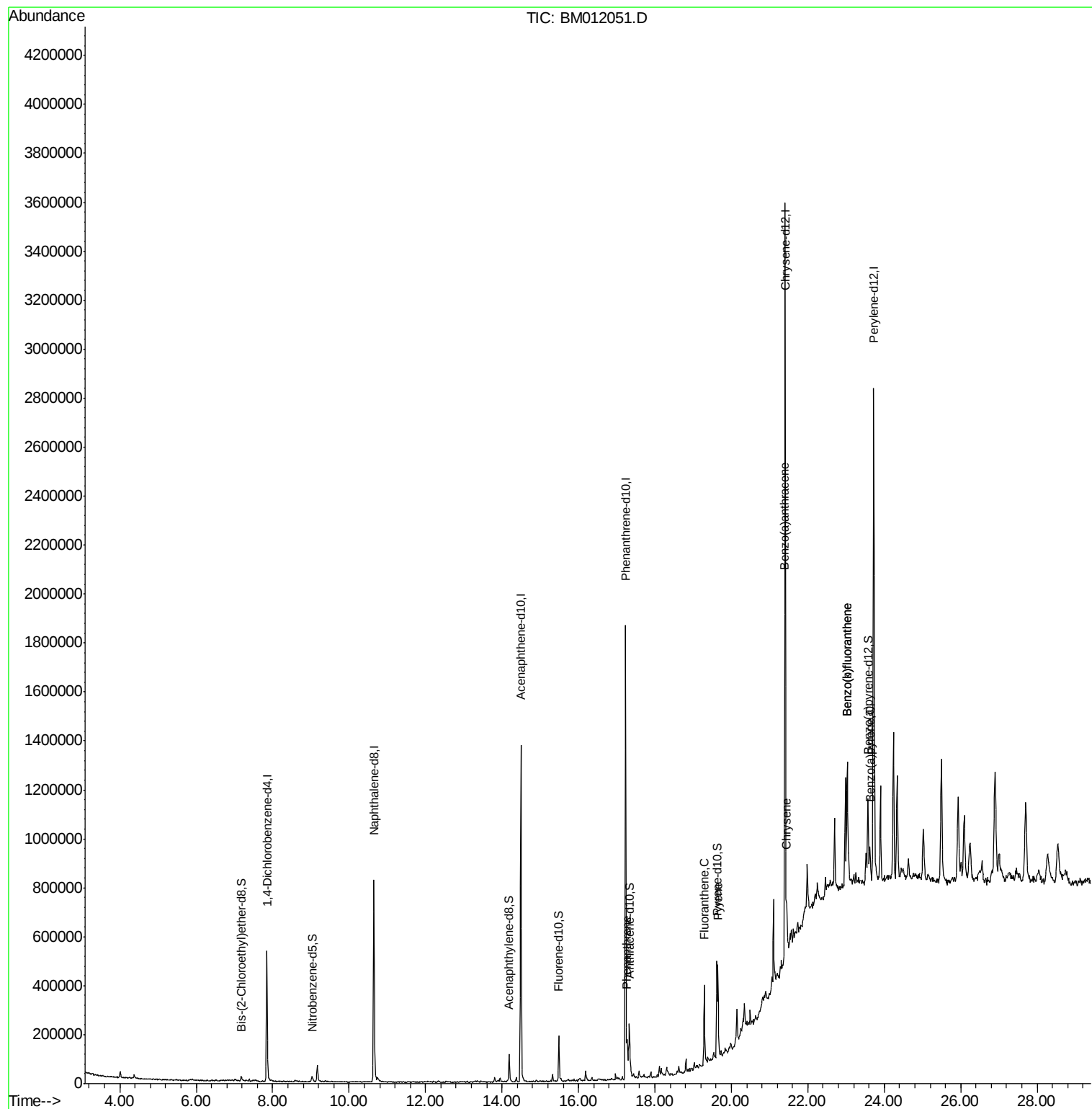
					Ovalue	
69) Phenanthrene	17.27	178	87751	1.451	ng/ul	97
74) Fluoranthene	19.29	202	200475	2.718	ng/ul#	91
77) Pyrene	19.65	202	191004	2.393	ng/ul#	88
80) Benzo(a)anthracene	21.39	228	119993	1.455	ng/ul	98
82) Chrysene	21.44	228	118559	1.513	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	169085	1.806	ng/ul#	92
86) Benzo(k)fluoranthene	23.03	252	169085	1.809	ng/ul#	92
88) Benzo(a)pyrene	23.62	252	99101	1.101	ng/ul#	85

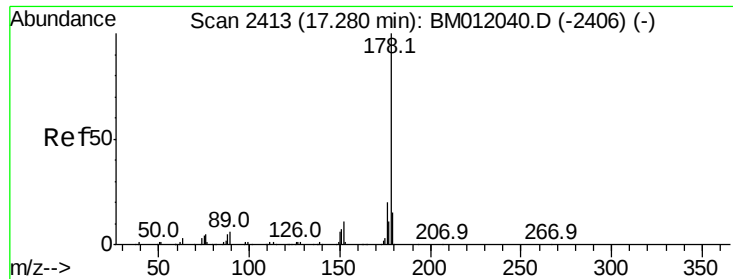
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.451 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM012051.D

Acq: 10 Oct 2017 20:34

Instrument :

BNA_M

ClientSampleId :

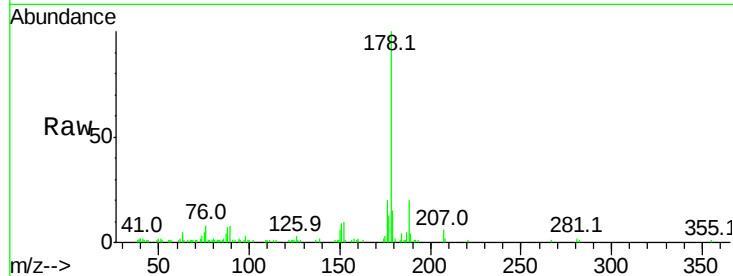
Tot Ion:178 Resp: 87751

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	20.4	14.9	22.3

178 100

179 15.2 12.6 19.0

176 20.4 14.9 22.3

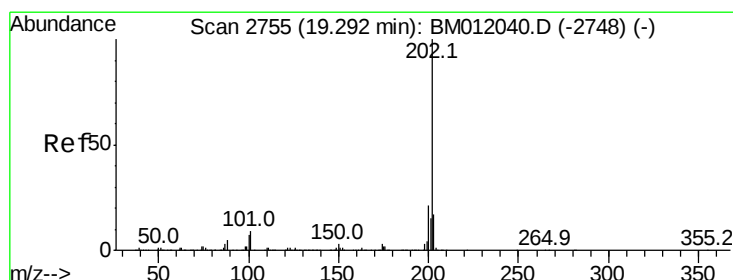
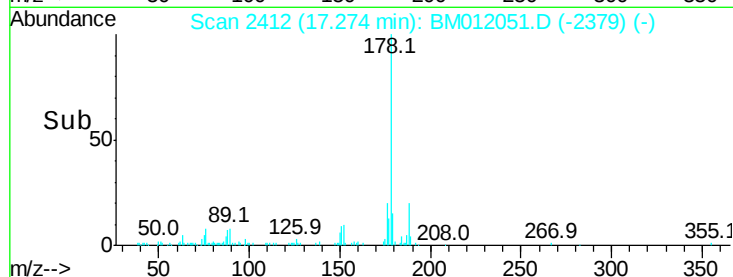
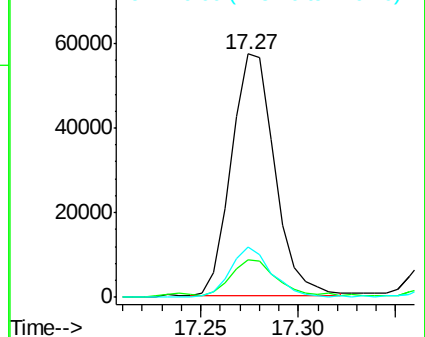


Abundance

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: 2.718 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM012051.D

Acq: 10 Oct 2017 20:34

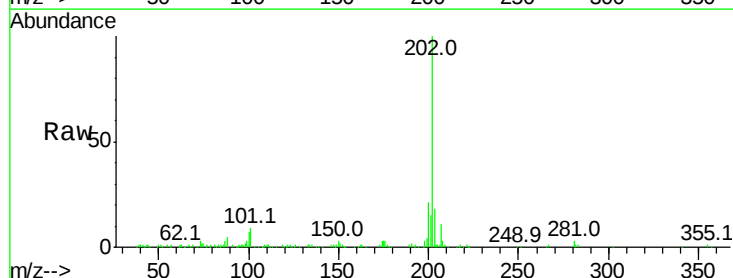
Tgt Ion:202 Resp: 200475

Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	7.3	3.4	5.2#

202 100

101 9.0 4.6 7.0#

100 7.3 3.4 5.2#

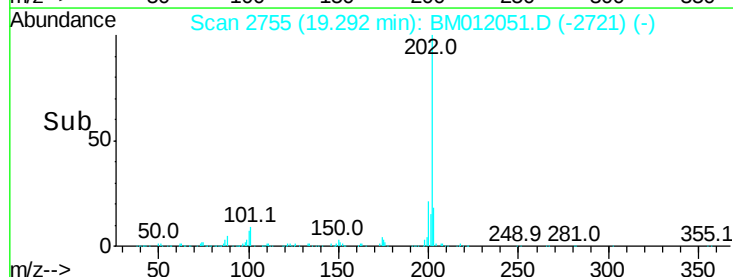
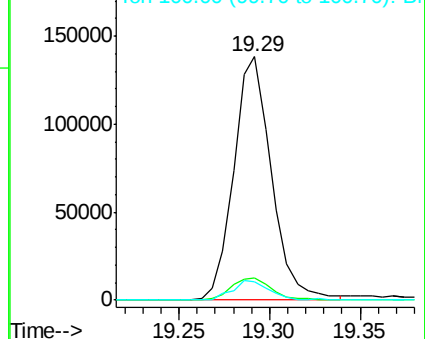


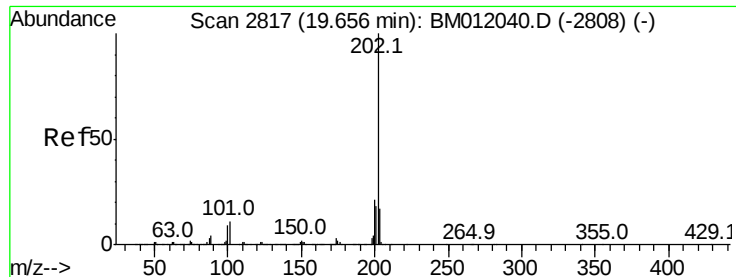
Abundance

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: 2.393 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012051.D

Acq: 10 Oct 2017 20:34

Instrument :

BNA_M

ClientSampleId :

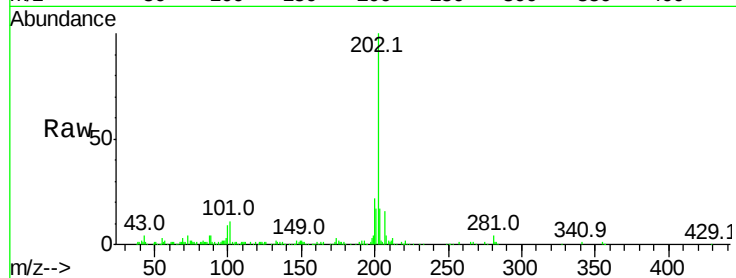
Tot Ion:202 Resp: 191004

Ion Ratio Lower Upper

202 100

101 11.3 5.1 7.7#

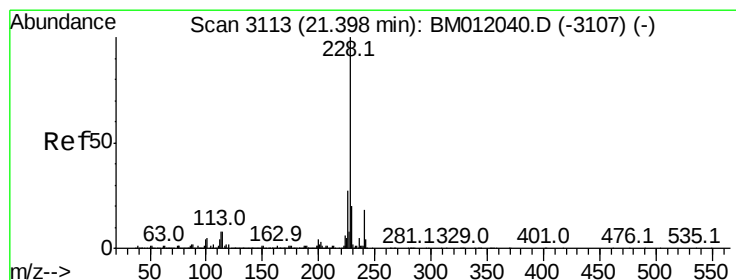
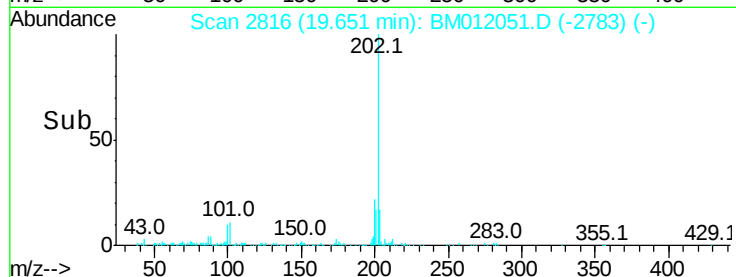
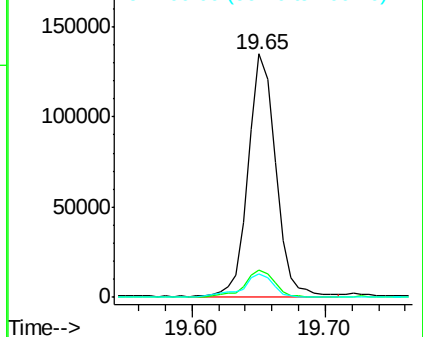
100 9.4 4.9 7.3#



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: 1.455 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012051.D

Acq: 10 Oct 2017 20:34

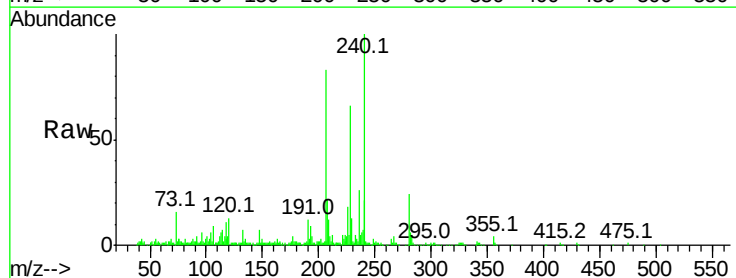
Tgt Ion:228 Resp: 119993

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

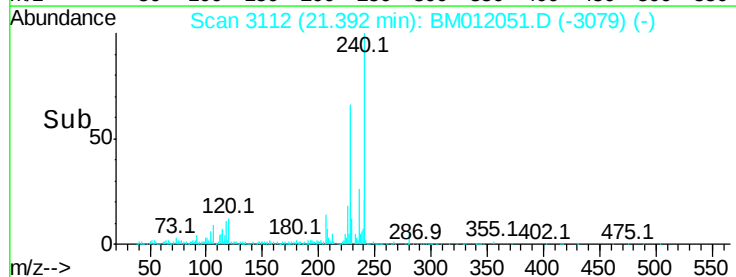
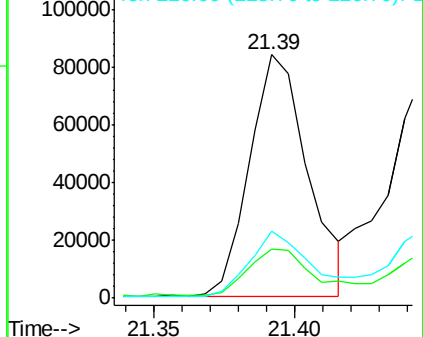
226 27.3 21.4 32.0

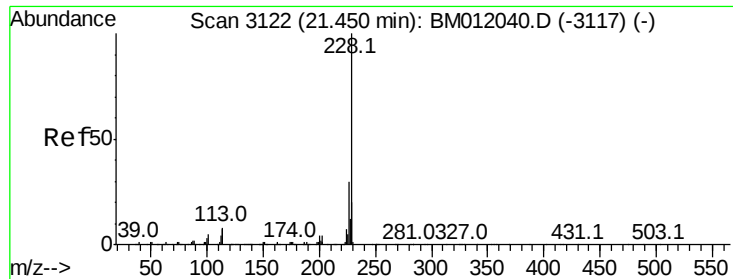


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.513 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012051.D

Acq: 10 Oct 2017 20:34

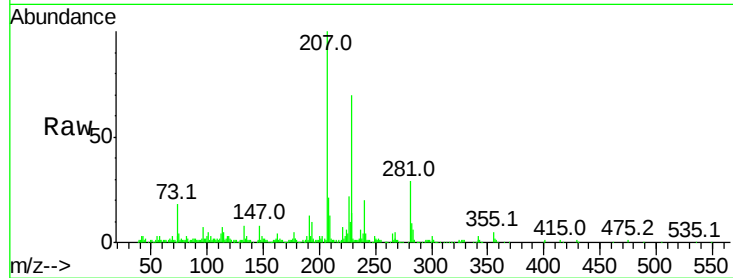
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 118559

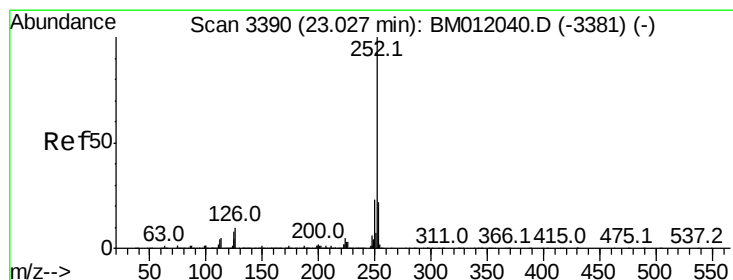
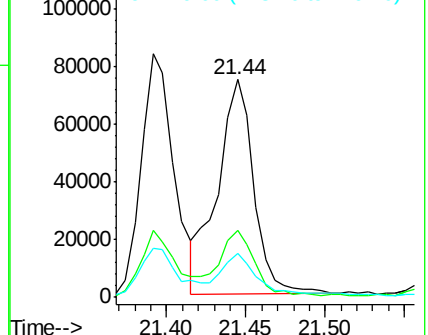
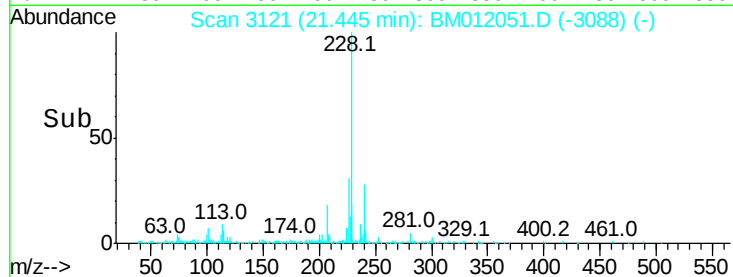
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	20.1	15.5	23.3



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: 1.806 ng/ul

RT: 23.03 min Scan# 3390

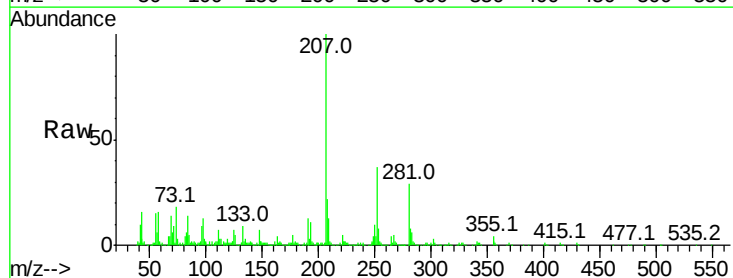
Delta R.T. 0.00 min

Lab File: BM012051.D

Acq: 10 Oct 2017 20:34

Tgt Ion:252 Resp: 169085

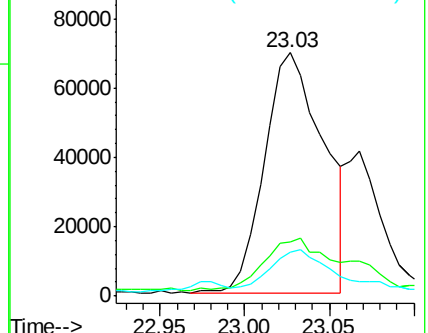
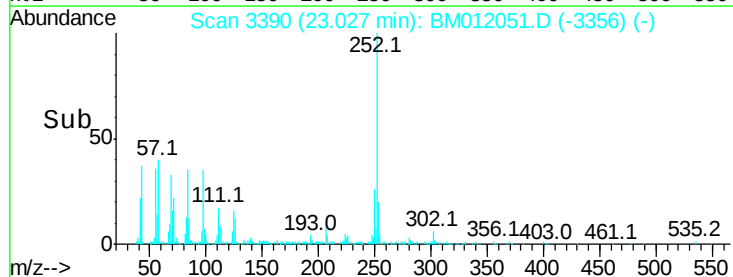
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	18.1	3.6	5.4

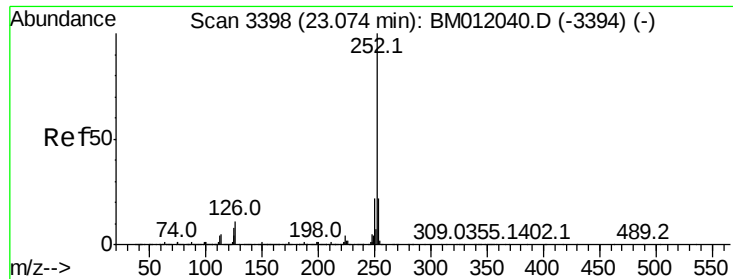


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

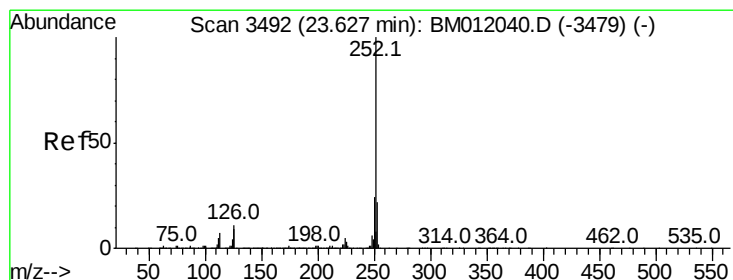
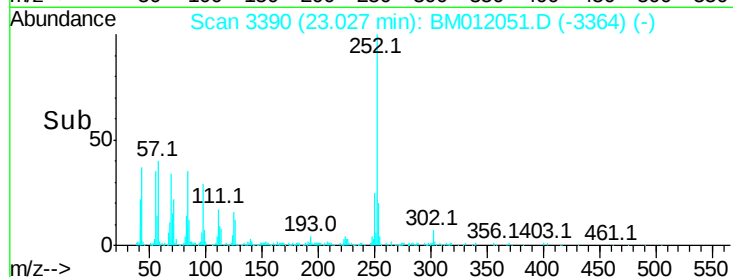
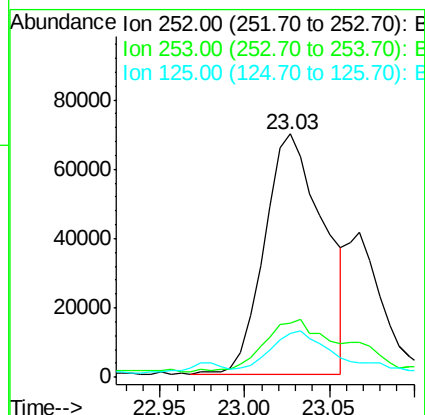
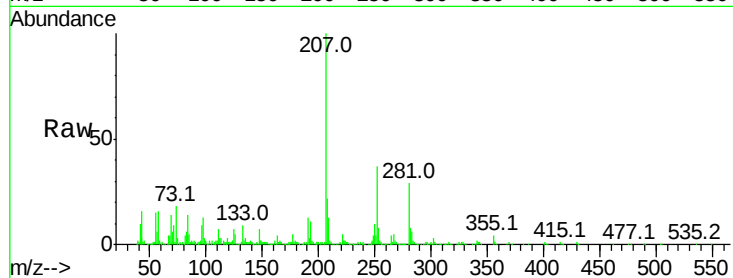




#86
Benzo(k)fluoranthene
Concen: 1.809 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM012051.D
Acq: 10 Oct 2017 20:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 169085
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 18.1 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.101 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM012051.D
Acq: 10 Oct 2017 20:34

Tgt Ion:252 Resp: 99101
Ion Ratio Lower Upper
252 100
253 29.8 18.2 27.2#
125 11.2 4.0 6.0#

