

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012166.D
 Acq On : 14 Oct 2017 10:28
 Operator : SJ/JU
 Sample : I5548-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Quant Time: Oct 15 07:14:39 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 05:27:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	203593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	839184	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	437537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	810864	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	801464	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	887866	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	12267	2.86	ng/uL	0.00
5) Phenol-d5	6.99	99	262001	15.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	164250	16.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	236416	16.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	199197	14.01	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	112660	17.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	131569	17.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	231606	16.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	206051	15.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	726779	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	863705	18.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	63053	10.85	ng/ul	0.01
57) Fluorene-d10	15.47	176	558065	17.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	40113	7.21	ng/ul	0.00
70) Anthracene-d10	17.32	188	721736	18.00	ng/ul	0.00
76) Pyrene-d10	19.62	212	735665	18.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	760978	17.78	ng/ul	0.00

Target Compounds

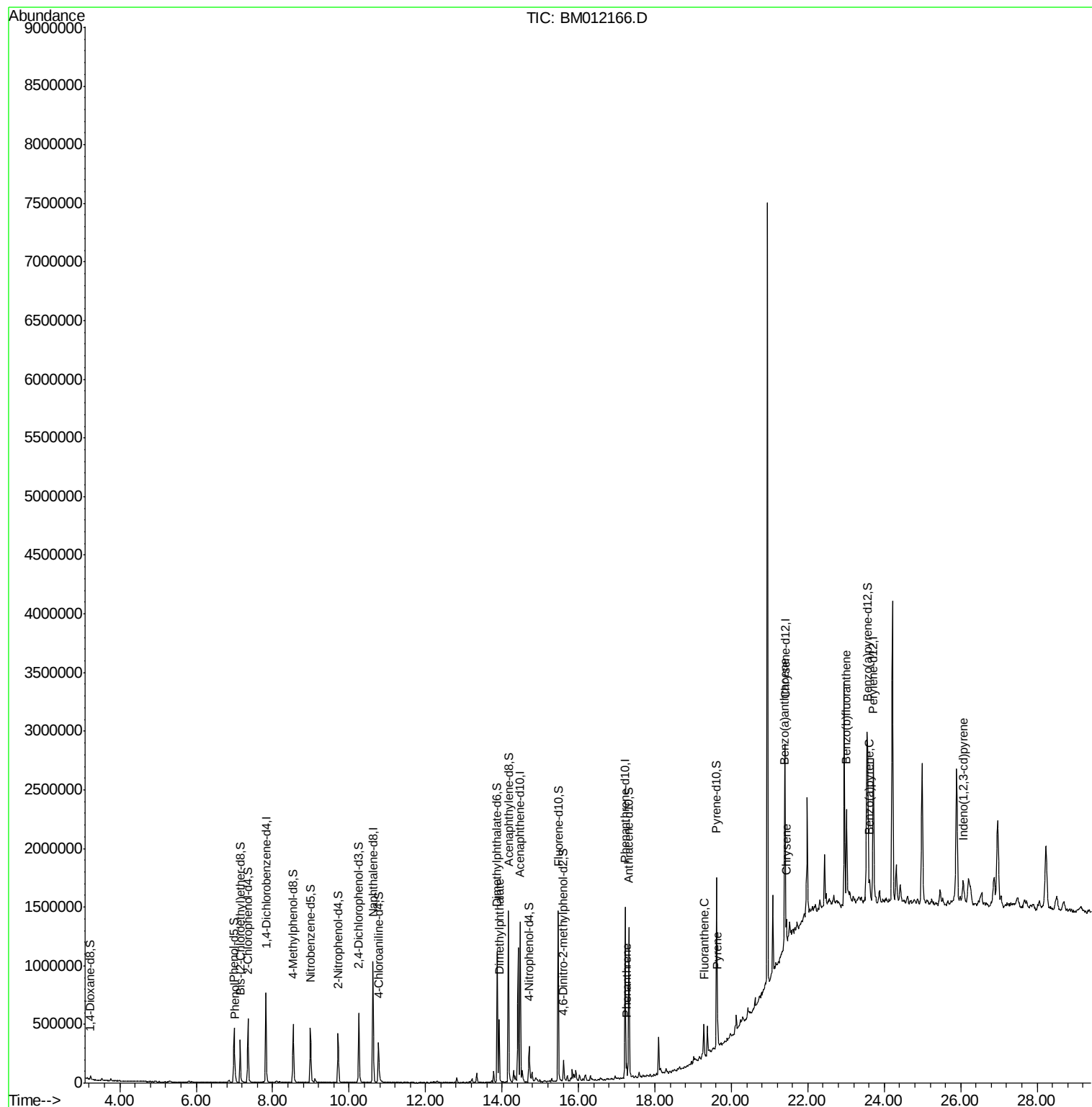
						Qvalue
6) Phenol	7.02	94	28087	1.64	ng/ul	94
44) Dimethylphthalate	13.93	163	344310	8.89	ng/ul	99
69) Phenanthrene	17.26	178	68543	1.49	ng/ul	99
74) Fluoranthene	19.28	202	152931	2.75	ng/ul#	94
77) Pyrene	19.64	202	145538	2.75	ng/ul#	94
80) Benzo(a)anthracene	21.39	228	86679	1.66	ng/ul#	93
82) Chrysene	21.44	228	81980	1.67	ng/ul#	89
85) Benzo(b)fluoranthene	23.02	252	128662	2.22	ng/ul#	76
88) Benzo(a)pyrene	23.61	252	85907	1.57	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.09	276	62998	1.09	ng/ul#	83

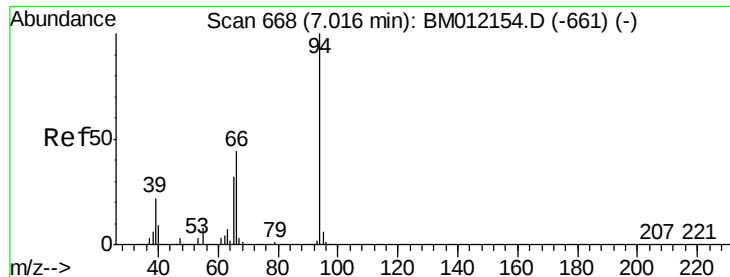
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.64 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

C0AF6

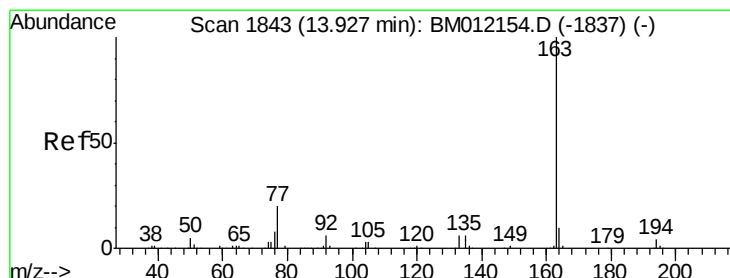
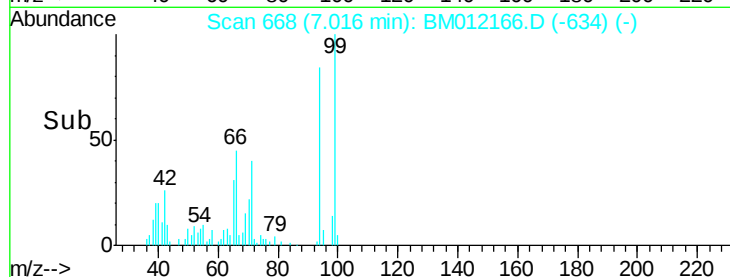
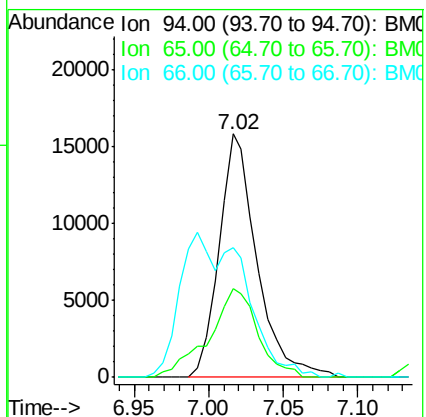
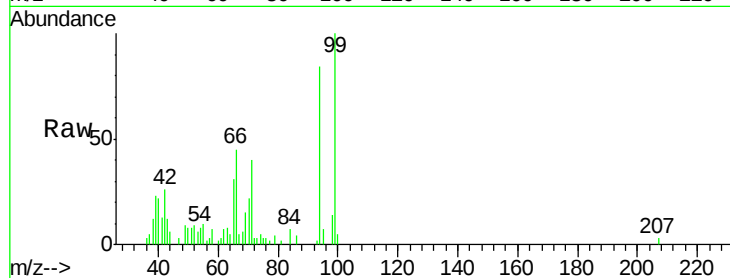
Tgt Ion: 94 Resp: 28087

Ion Ratio Lower Upper

94 100

65 36.5 28.2 42.4

66 53.1 47.2 70.8



#44

Dimethylphthalate

Concen: 8.89 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

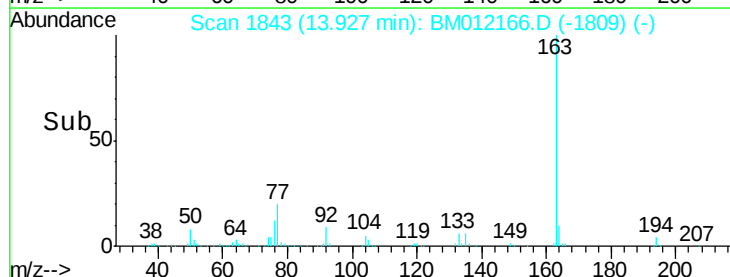
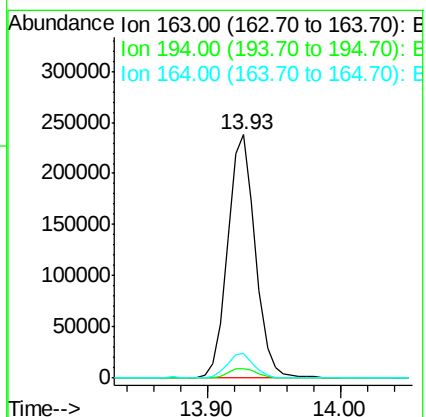
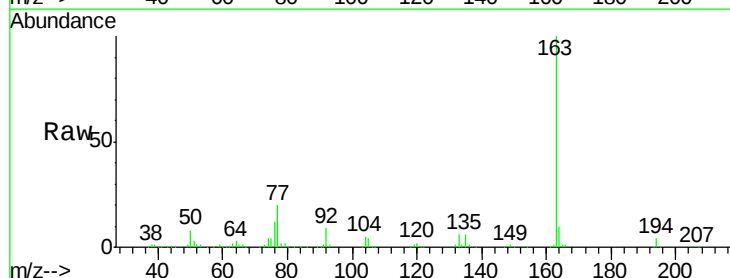
Tgt Ion: 163 Resp: 344310

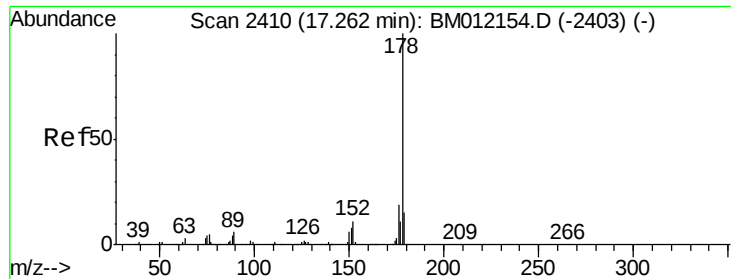
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.1 8.2 12.4





#69

Phenanthrene

Concen: 1.49 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

C0AF6

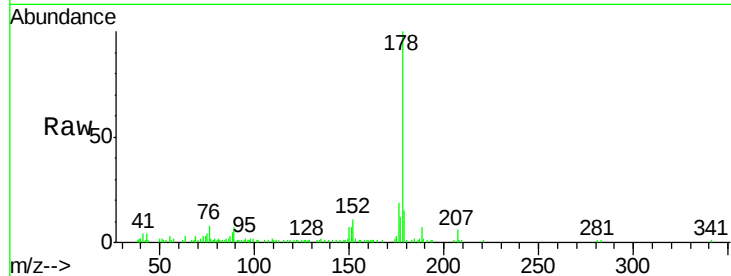
Tgt Ion:178 Resp: 68543

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

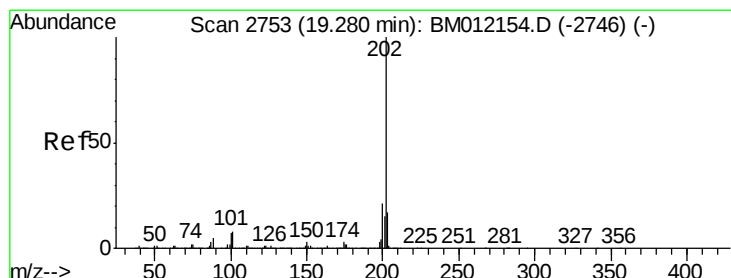
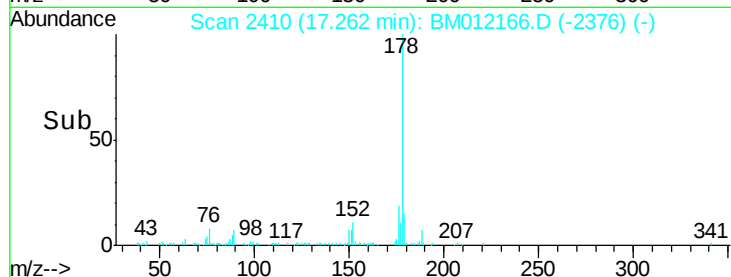
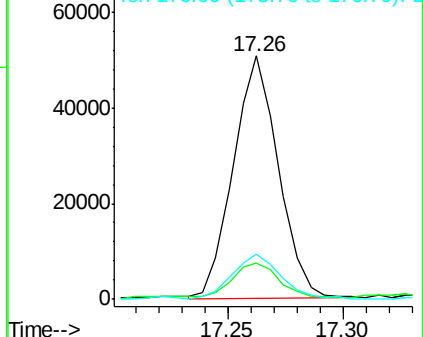
176 18.7 14.9 22.3



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: 2.75 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

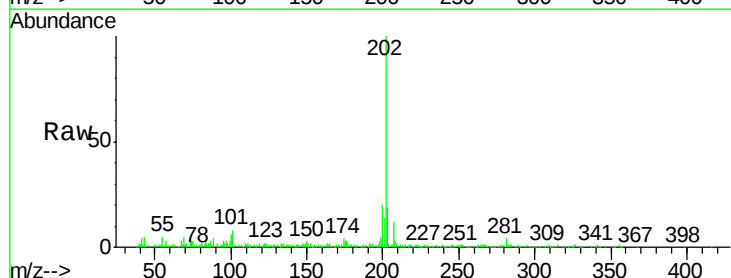
Tgt Ion:202 Resp: 152931

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

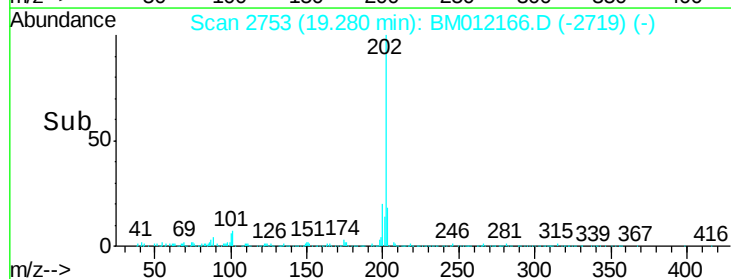
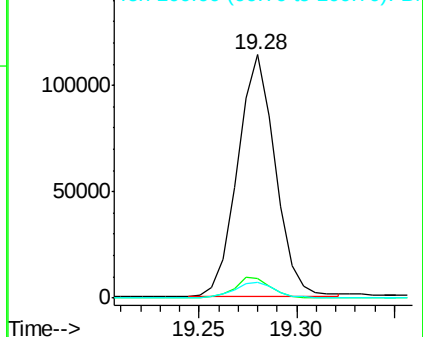
100 6.2 3.4 5.2#

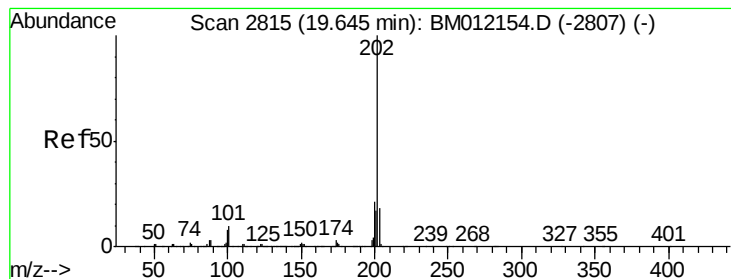


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.75 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampled :

C0AF6

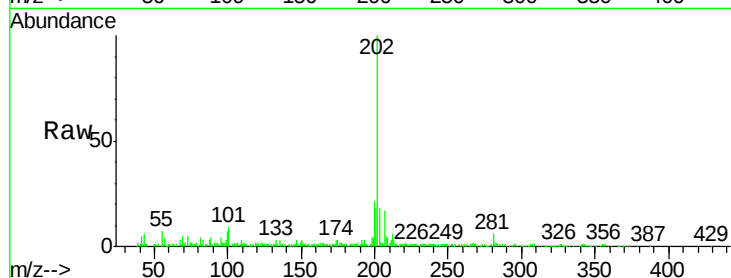
Tgt Ion:202 Resp: 145538

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

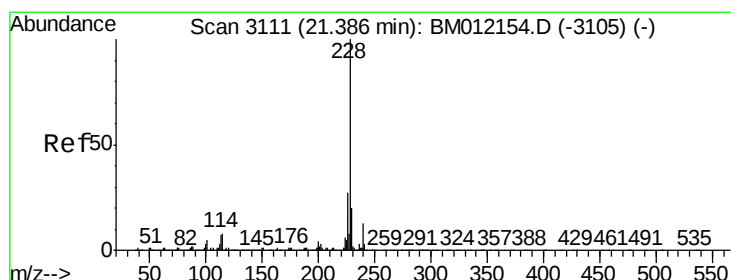
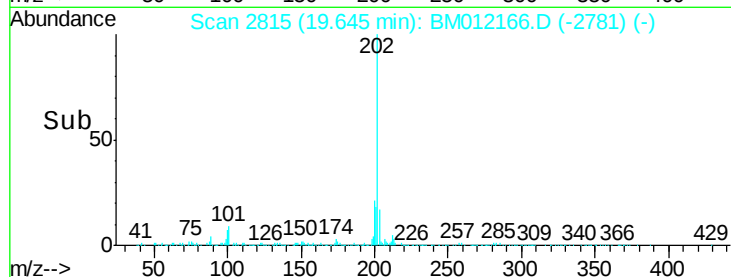
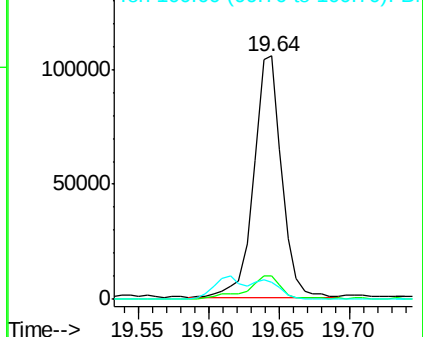
100 7.1 4.9 7.3



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: 1.66 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

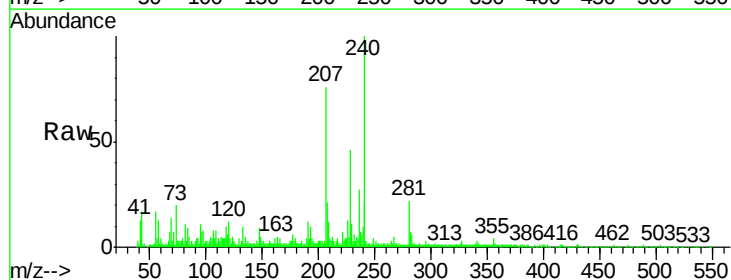
Tgt Ion:228 Resp: 86679

Ion Ratio Lower Upper

228 100

229 24.1 15.4 23.0#

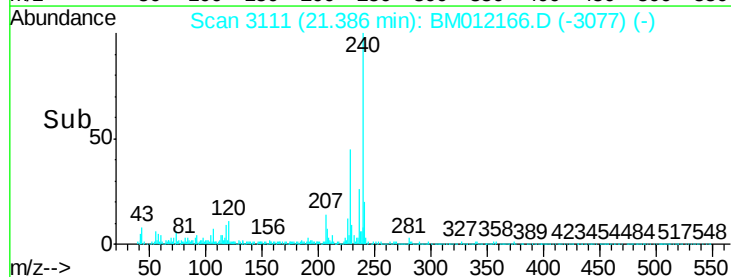
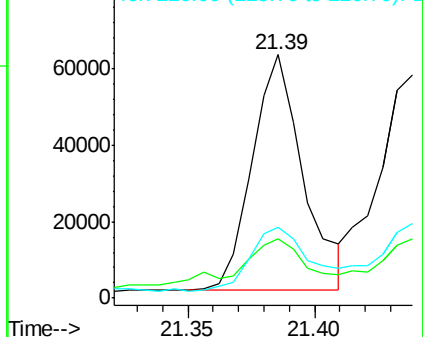
226 29.1 21.4 32.0

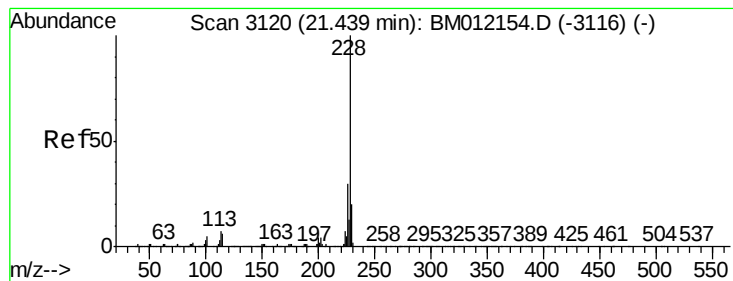


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.67 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

C0AF6

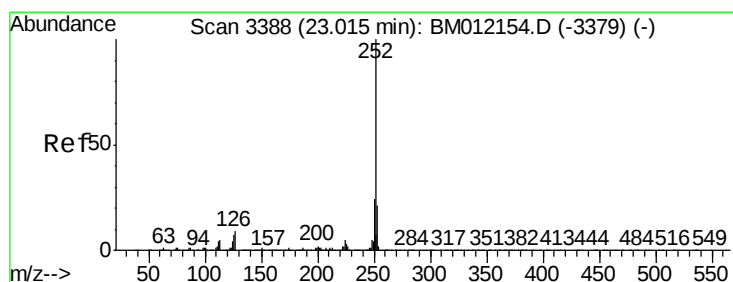
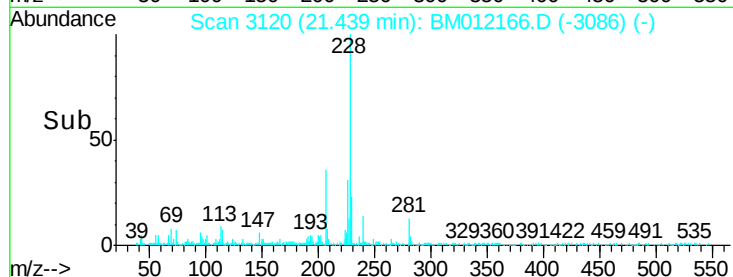
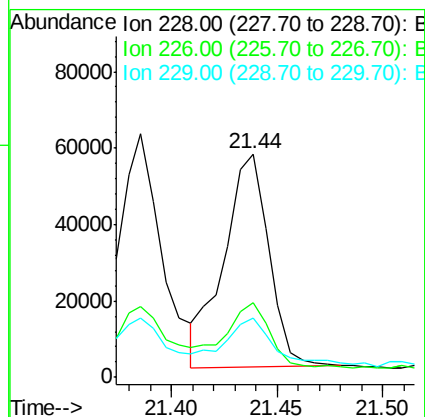
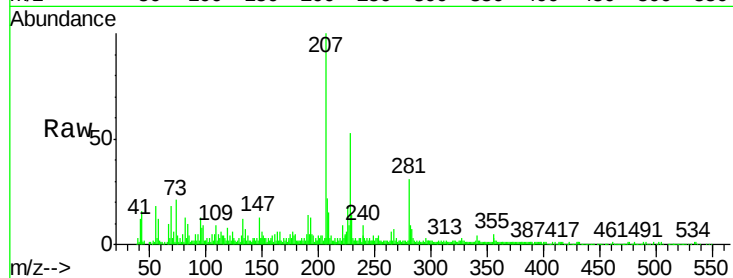
Tgt Ion:228 Resp: 81980

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.2

229 26.8 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 2.22 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

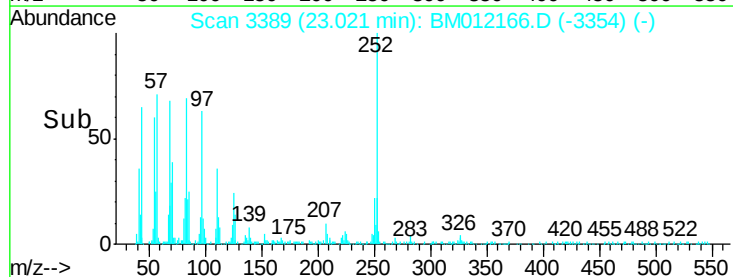
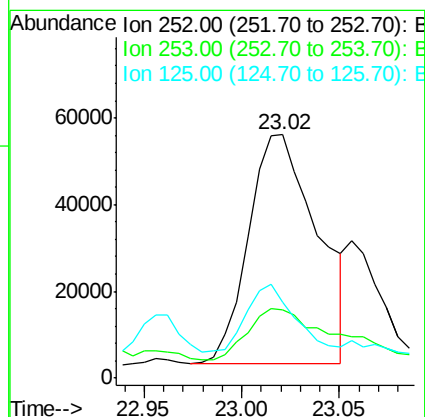
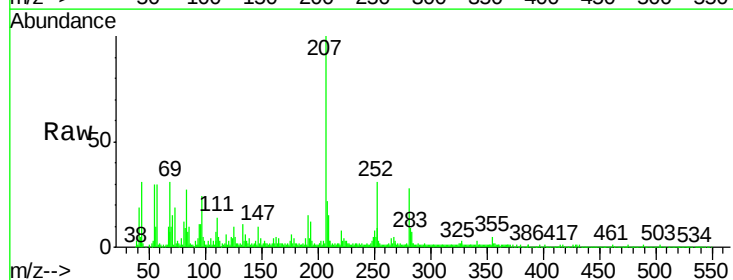
Tgt Ion:252 Resp: 128662

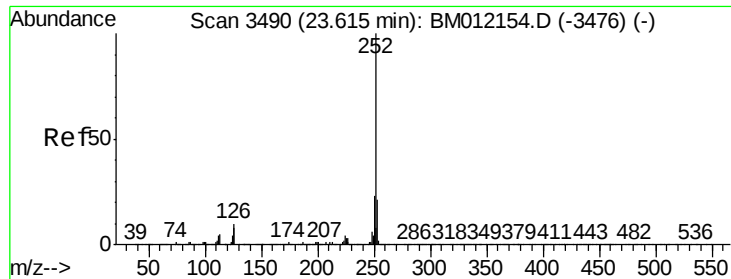
Ion Ratio Lower Upper

252 100

253 28.2 17.9 26.9#

125 31.3 3.6 5.4#





#88

Benzo(a)pyrene

Concen: 1.57 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

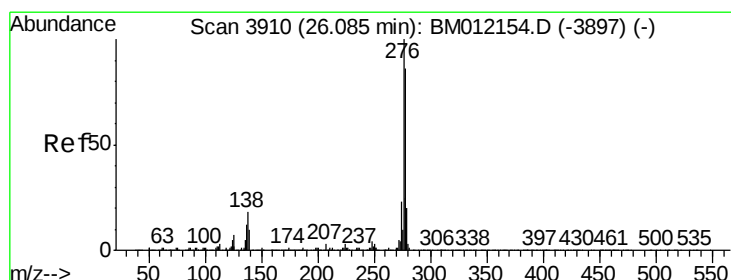
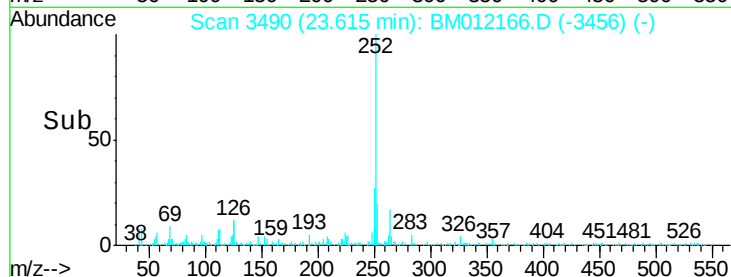
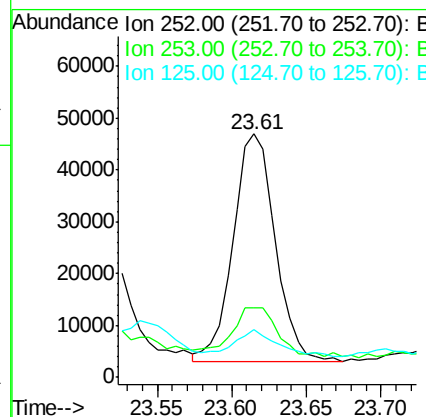
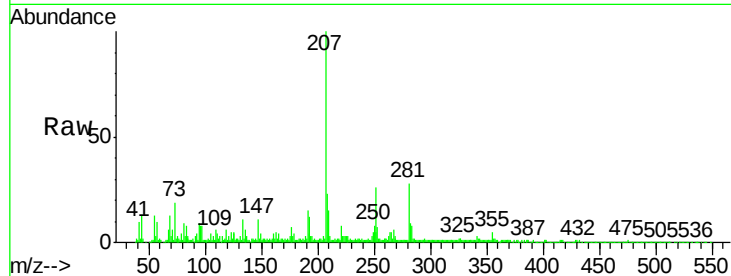
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	85907
Ion Ratio	Lower	Upper	
252	100		
253	28.7	18.2	27.2#
125	19.5	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.09 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Tgt Ion:	276	Resp:	62998
Ion Ratio	Lower	Upper	
276	100		
138	22.8	9.3	13.9#
277	30.8	19.9	29.9#

