

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001963.D
 Acq On : 17 Jul 2015 01:22
 Operator : TP/UM
 Sample : G2998-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01H1

Quant Time: Jul 17 04:40:43 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 01:40:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	86282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	360895	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	225342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	489375	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	406757	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	357258	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3346	1.90	ng/uL	0.00
5) Phenol-d5	6.82	99	74581	10.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	43618	11.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	62233	11.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	55145	9.53	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	30823	11.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	35737	11.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	66614	11.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	59526	9.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	208500	11.47	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	248421	11.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	27150	8.82	ng/ul	0.00
57) Fluorene-d10	15.30	176	177194	11.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	15593	4.92	ng/ul	0.00
70) Anthracene-d10	17.15	188	246136	10.71	ng/ul	0.00
78) Pyrene-d10	19.46	212	242008	13.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	173438	9.60	ng/ul	-0.01

Target Compounds

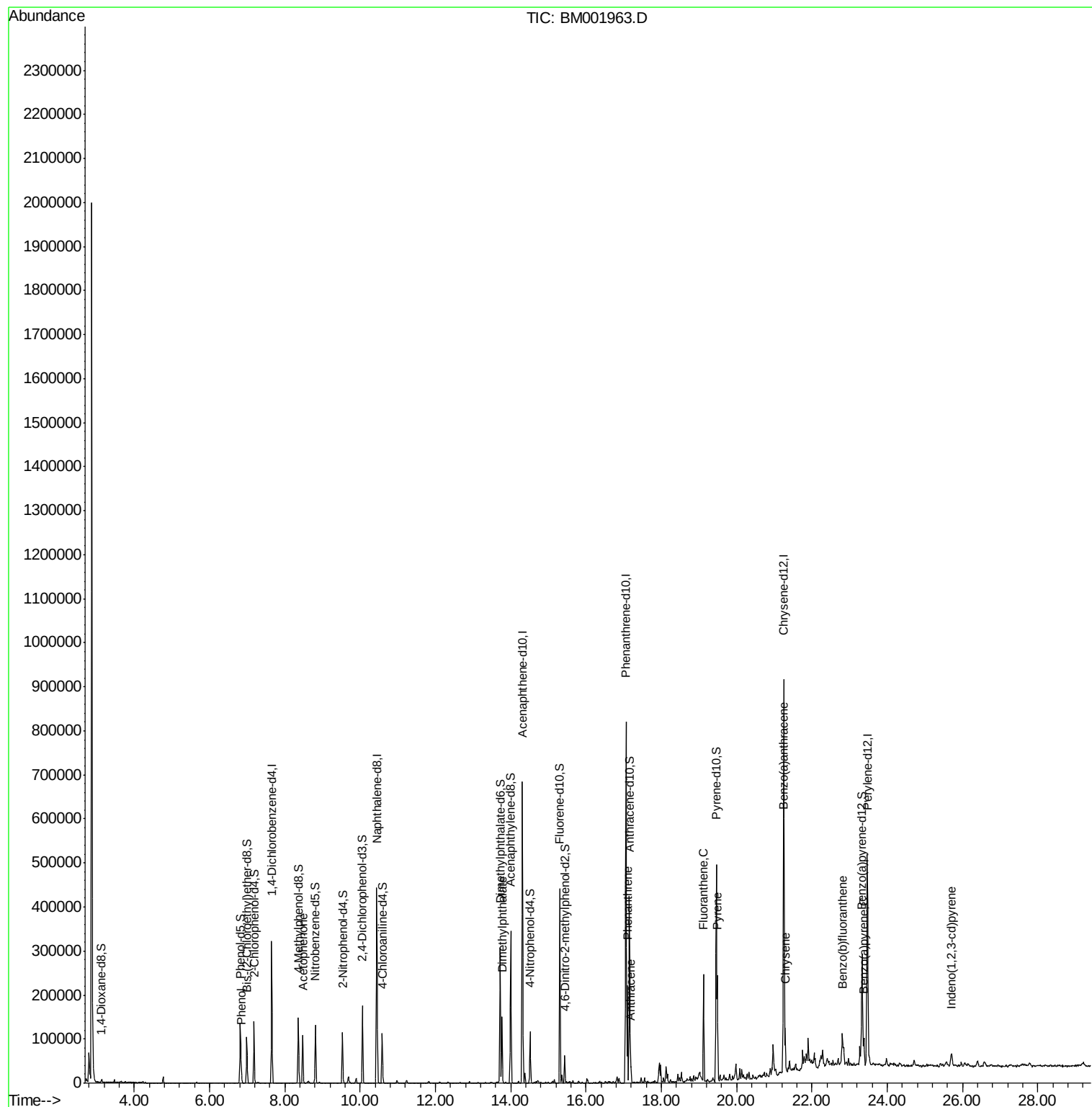
						Qvalue
6) Phenol	6.85	94	12271	1.69	ng/ul	96
14) Acetophenone	8.47	105	59407	6.50	ng/ul	99
44) Dimethylphthalate	13.77	163	97806	5.29	ng/ul	100
69) Phenanthrene	17.10	178	131828	4.97	ng/ul	99
71) Anthracene	17.19	178	27869	1.02	ng/ul	96
76) Fluoranthene	19.12	202	152826	4.93	ng/ul	98
79) Pyrene	19.48	202	151631	6.23	ng/ul	99
82) Benzo(a)anthracene	21.23	228	62566	2.58	ng/ul	98
84) Chrysene	21.29	228	58372	2.57	ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	62234	2.84	ng/ul	97
90) Benzo(a)pyrene	23.37	252	48250	2.35	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	28967	1.34	ng/ul	97

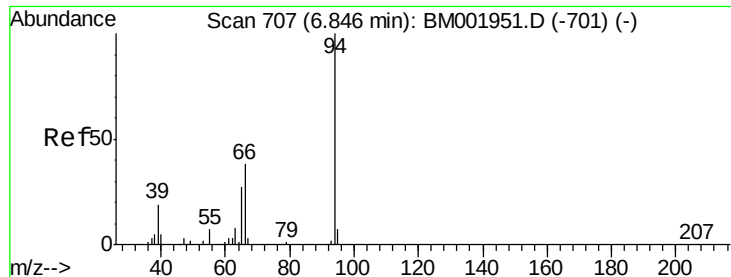
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.69 ng/ul

RT: 6.85 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

Instrument :

BNA_M

ClientSampleId :

C01H1

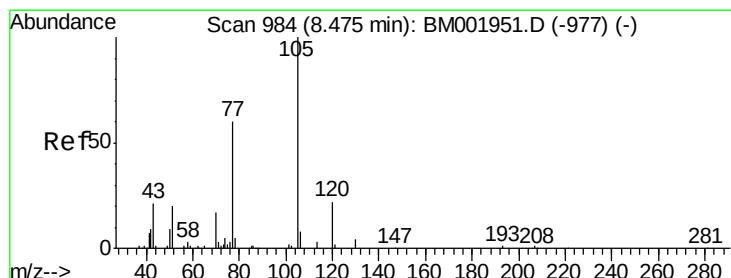
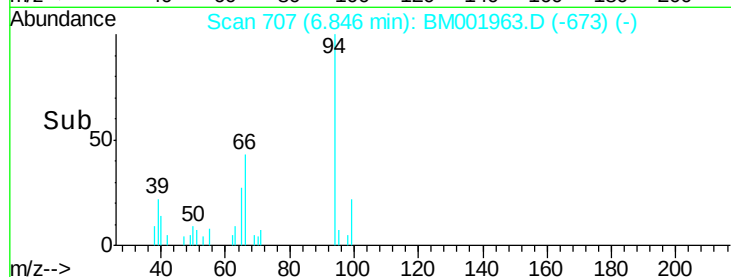
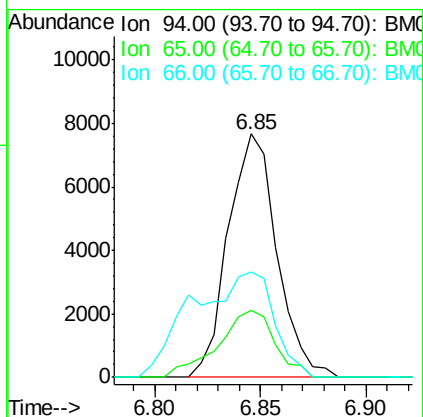
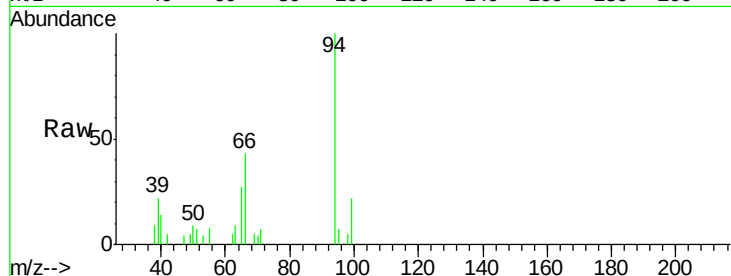
Tgt Ion: 94 Resp: 12271

Ion Ratio Lower Upper

94 100

65 27.4 23.6 35.4

66 43.3 33.0 49.6



#14

Acetophenone

Concen: 6.50 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

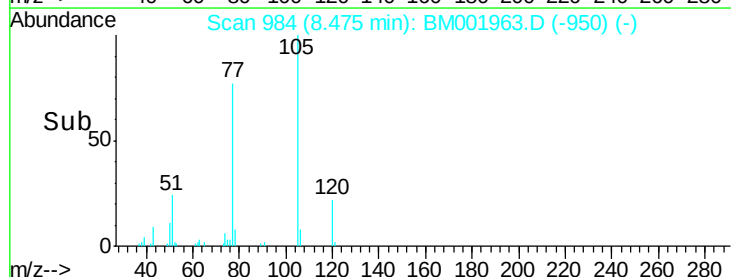
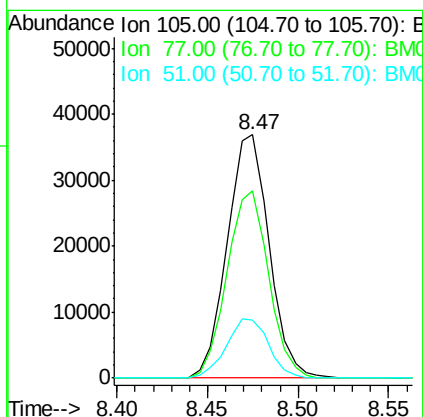
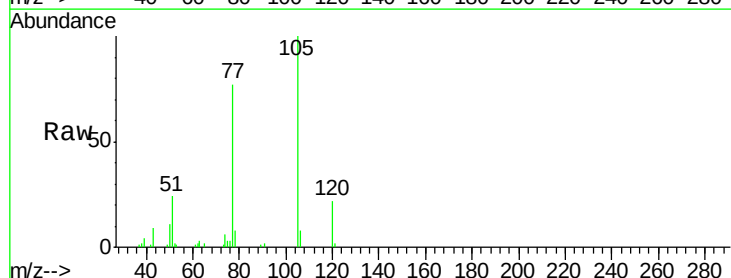
Tgt Ion: 105 Resp: 59407

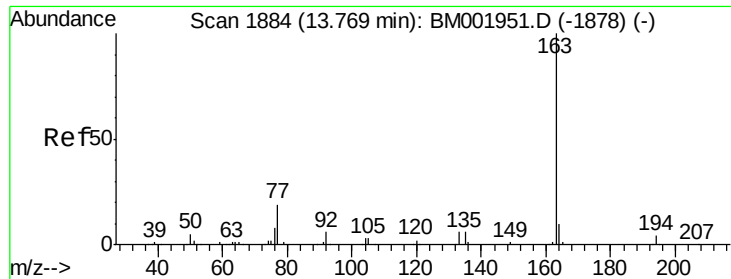
Ion Ratio Lower Upper

105 100

77 76.9 61.7 92.5

51 24.0 20.2 30.4

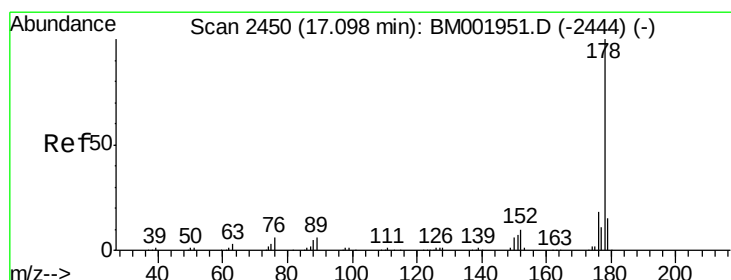
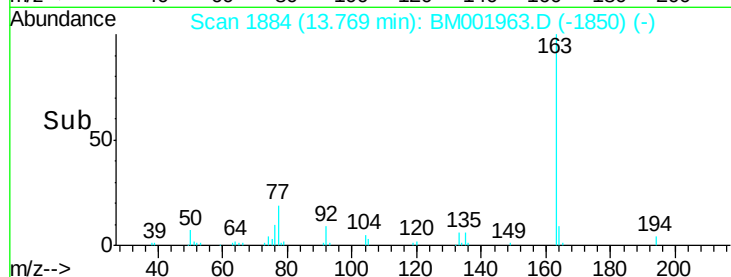
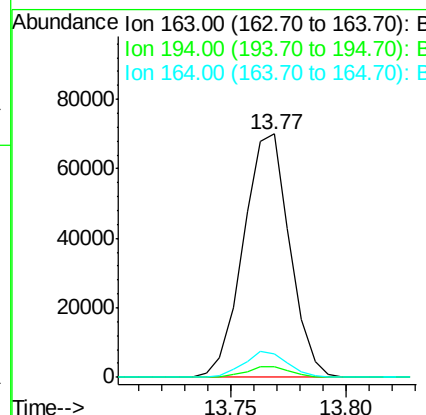
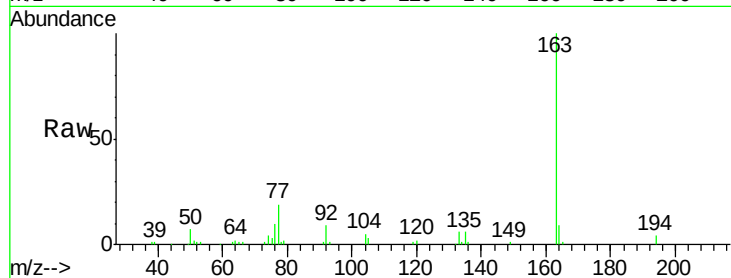




#44
 Dimethylphthalate
 Concen: 5.29 ng/ul
 RT: 13.77 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BM001963.D
 Acq: 17 Jul 2015 01:22

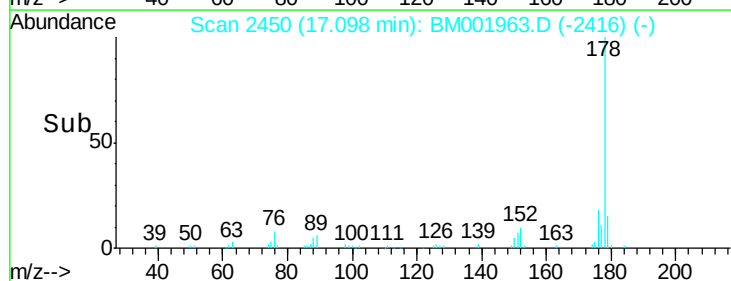
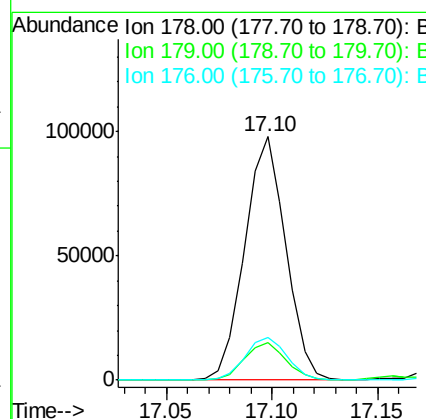
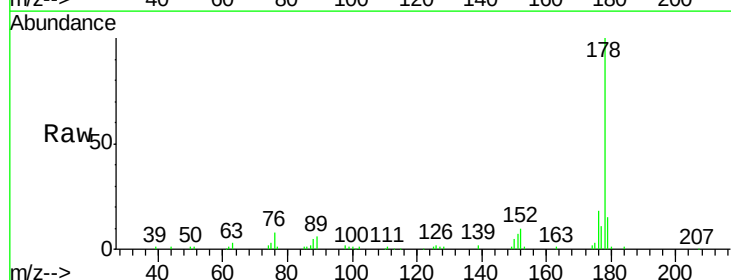
Instrument :
 BNA_M
 ClientSampleId :
 C01H1

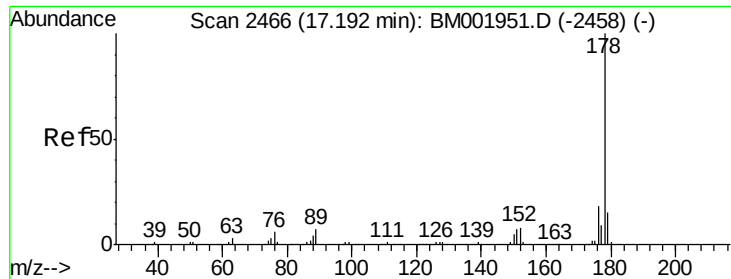
Tgt Ion:163 Resp: 97806
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.3 4.9
 164 9.4 7.6 11.4



#69
 Phenanthrene
 Concen: 4.97 ng/ul
 RT: 17.10 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BM001963.D
 Acq: 17 Jul 2015 01:22

Tgt Ion:178 Resp: 131828
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.2
 176 17.7 14.5 21.7





#71

Anthracene

Concen: 1.02 ng/ul

RT: 17.19 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

Instrument :

BNA_M

ClientSampleId :

C01H1

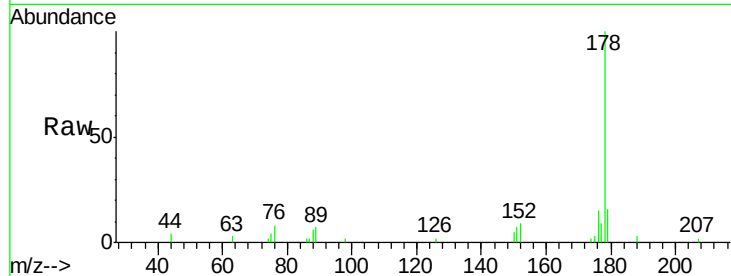
Tgt Ion:178 Resp: 27869

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

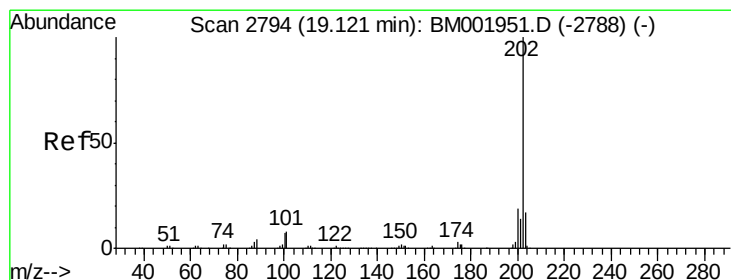
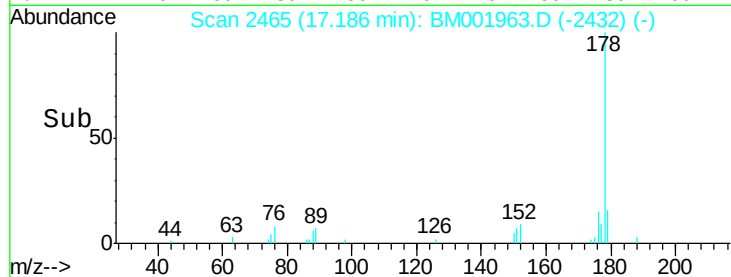
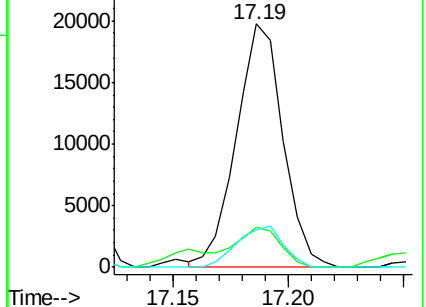
176 15.2 14.2 21.4



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



#76

Fluoranthene

Concen: 4.93 ng/ul

RT: 19.12 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

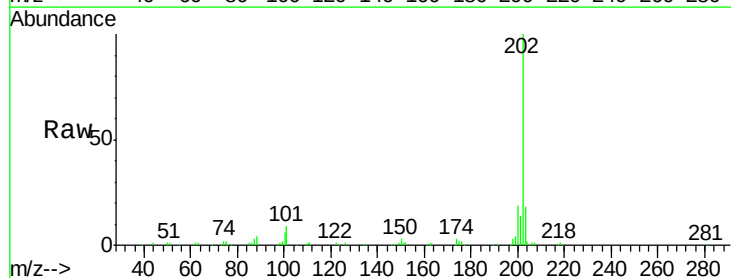
Tgt Ion:202 Resp: 152826

Ion Ratio Lower Upper

202 100

101 9.2 6.6 9.8

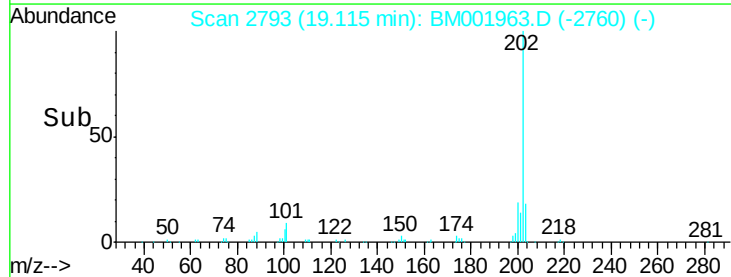
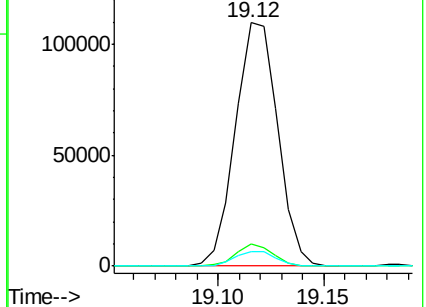
100 6.2 5.2 7.8

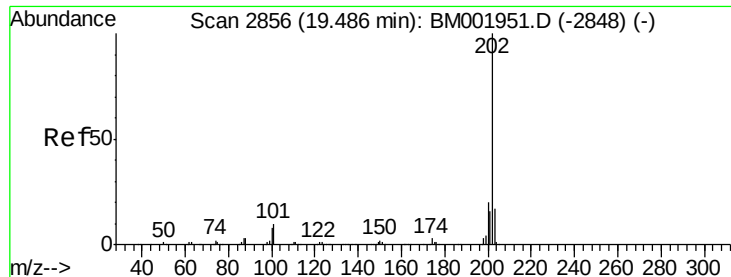


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 6.23 ng/ul

RT: 19.48 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

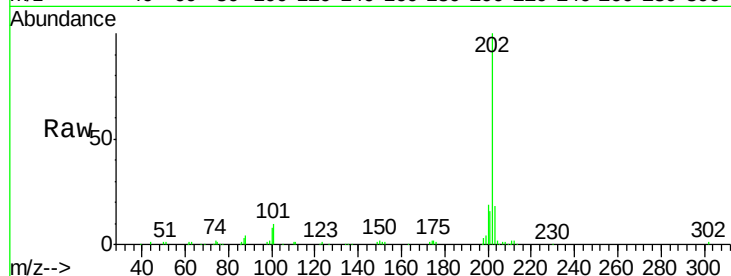
Instrument :

BNA_M

ClientSampled :

C01H1

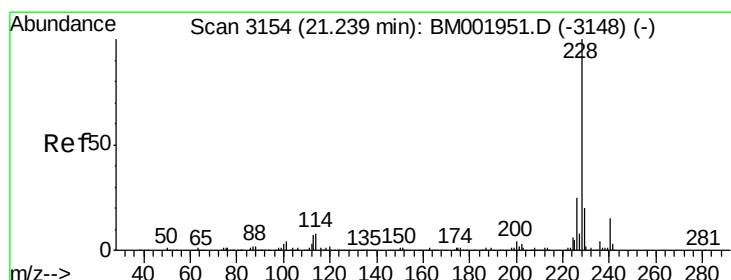
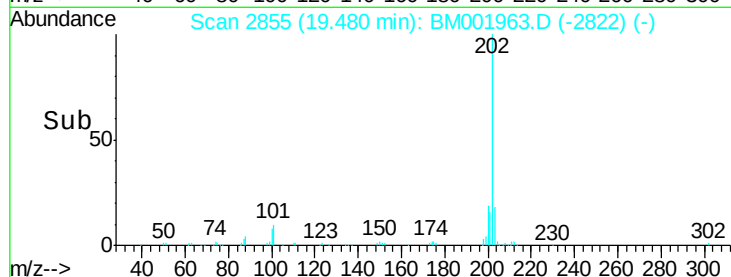
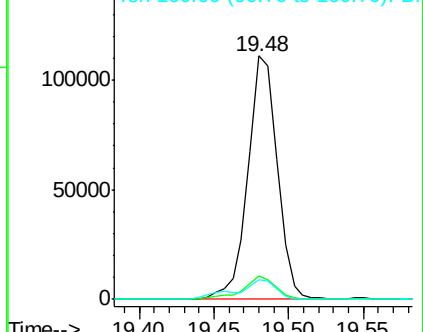
Tgt Ion:	202	Resp:	151631
Ion Ratio	Lower	Upper	
202	100		
101	9.6	7.4	11.0
100	8.1	5.9	8.9



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

Benzo(a)anthracene

Concen: 2.58 ng/ul

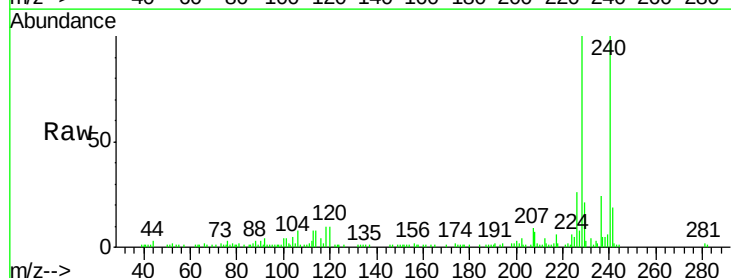
RT: 21.23 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

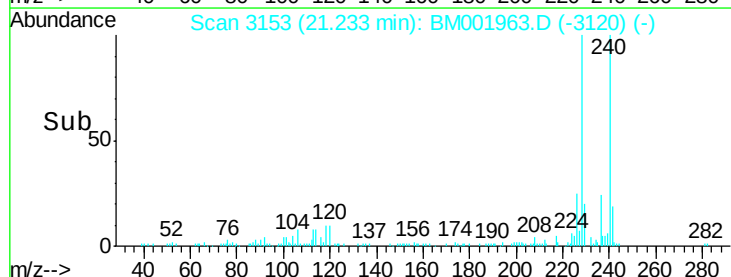
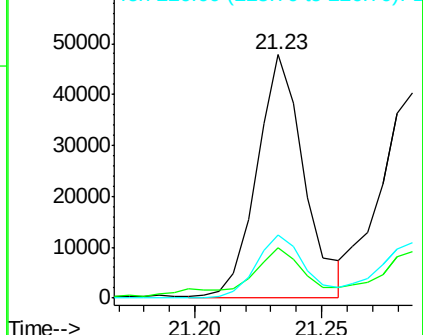
Tgt Ion:	228	Resp:	62566
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.2	22.8
226	25.9	20.8	31.2

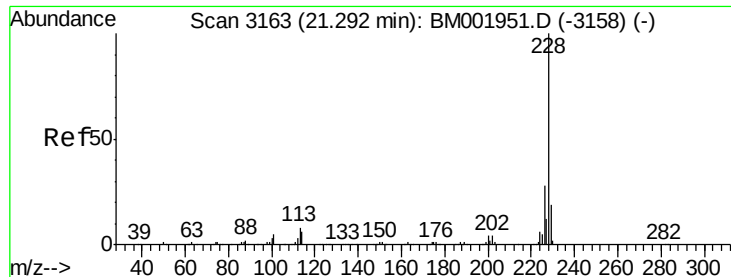


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.57 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

Instrument :

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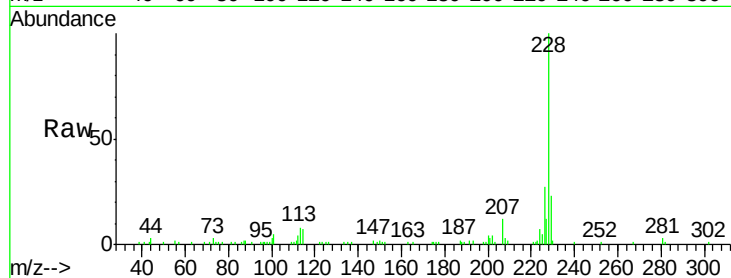
Tgt Ion:228 Resp: 58372

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

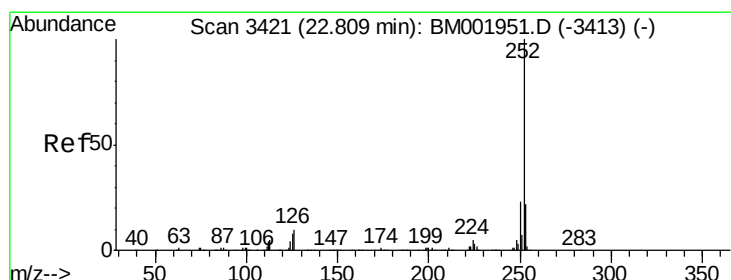
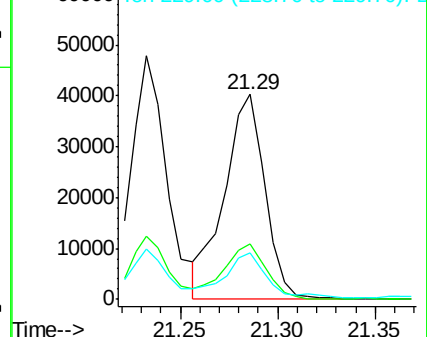
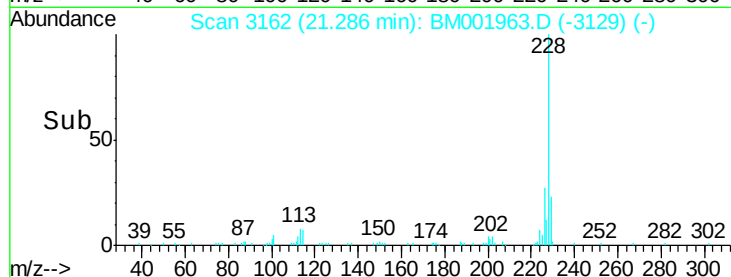
229 22.6 15.4 23.0



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



#87

Benzo(b)fluoranthene

Concen: 2.84 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

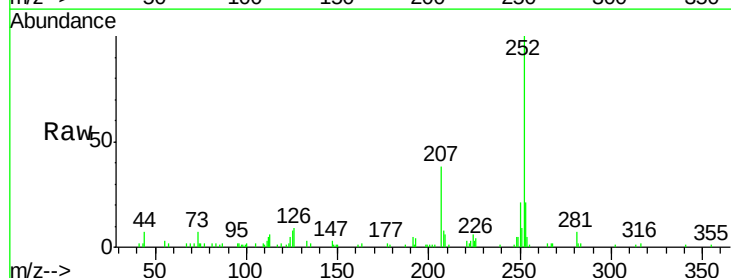
Tgt Ion:252 Resp: 62234

Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

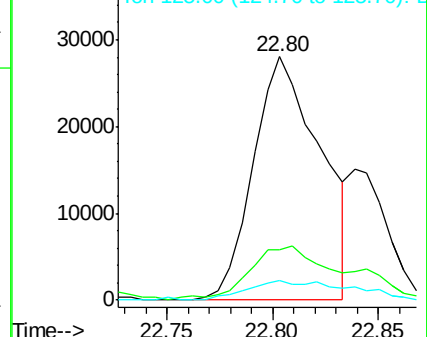
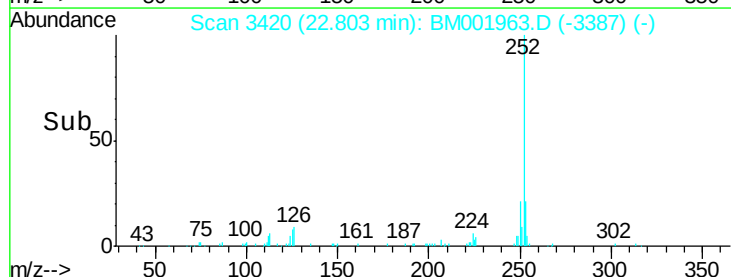
125 8.3 6.1 9.1

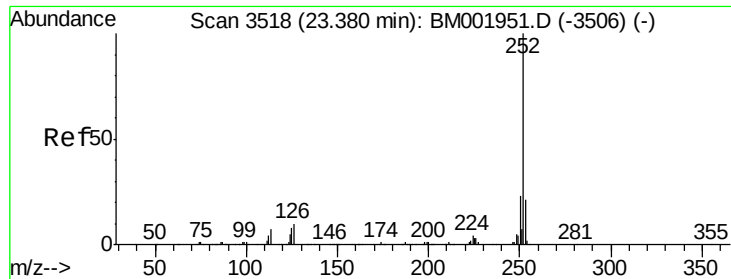


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.35 ng/ul

RT: 23.37 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM001963.D

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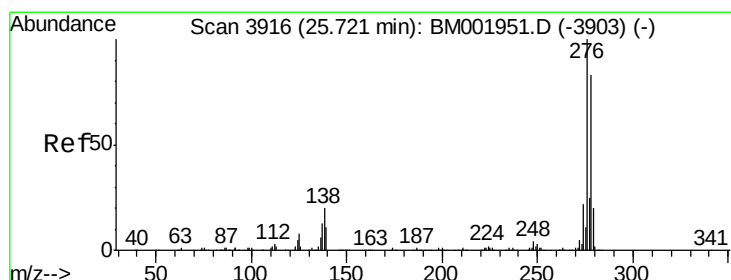
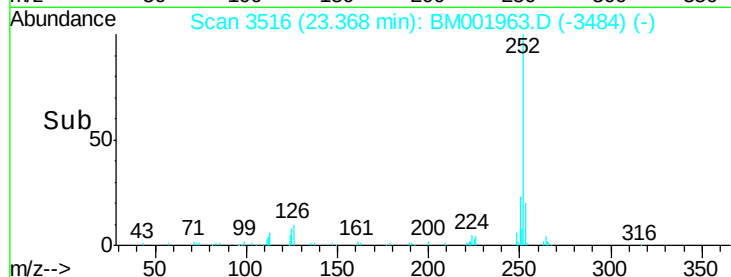
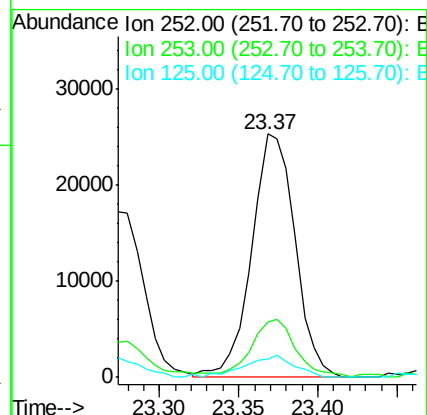
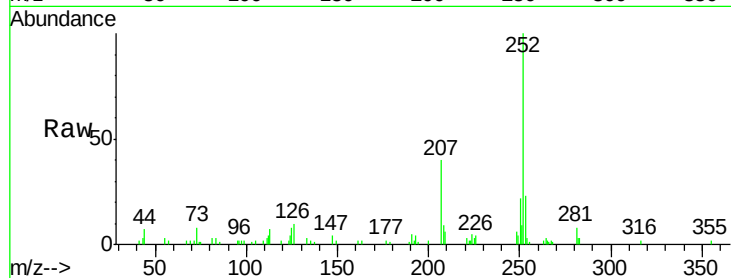
Tgt Ion:252 Resp: 48250

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 7.8 6.4 9.6



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.34 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. -0.02 min

Lab File: BM001963.D

Acq: 17 Jul 2015 01:22

Tgt Ion:276 Resp: 28967

Ion Ratio Lower Upper

276 100

138 16.5 15.4 23.0

277 24.3 19.9 29.9

