

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092915\
 Data File : BM002776.D
 Acq On : 30 Sep 2015 09:36
 Operator : UM/IZ
 Sample : G3838-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW5

Quant Time: Sep 30 10:51:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 06:48:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	105633	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	428727	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	198928	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	377144	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	401563	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	418505	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	10965	4.82	ng/uL	0.00
5) Phenol-d5	7.82	99	229382	28.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	133590	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	210195	28.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	191438	29.01	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	99191	30.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	103189	30.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	168571	27.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	255867	35.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	468086	31.28	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	617166	30.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	77542	29.18	ng/ul	0.00
58) Fluorene-d10	16.27	176	396371	29.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	34544	18.78	ng/ul	0.00
71) Anthracene-d10	18.10	188	560824	31.16	ng/ul	0.00
79) Pyrene-d10	20.33	212	585905	31.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	688850	32.18	ng/ul	0.00

Target Compounds

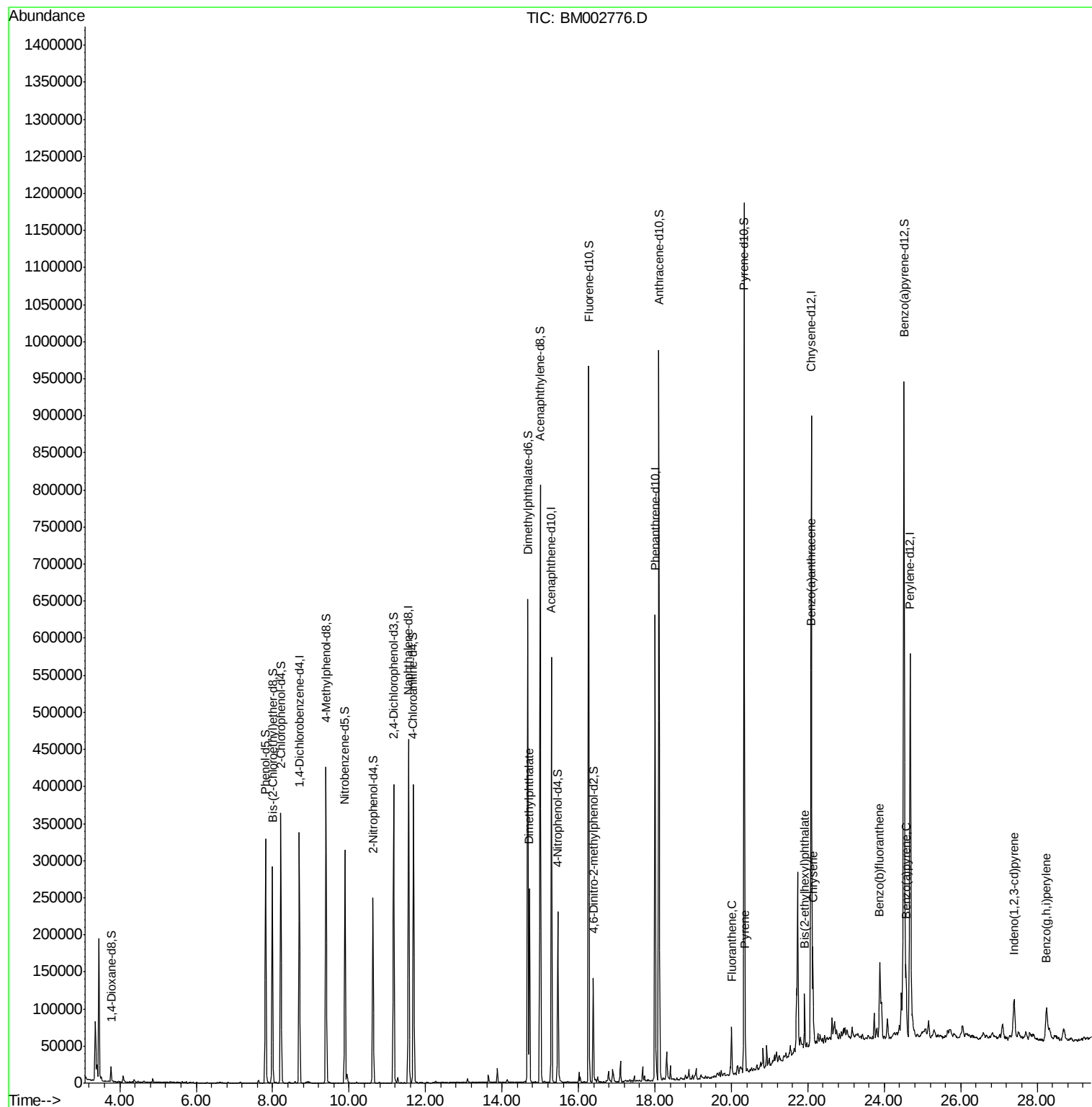
						Qvalue
45) Dimethylphthalate	14.72	163	189026	12.42	ng/ul	100
77) Fluoranthene	20.00	202	39150	1.74	ng/ul	98
80) Pyrene	20.36	202	39081	1.53	ng/ul	98
83) Benzo(a)anthracene	22.07	228	55835	2.34	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.92	149	25756	1.49	ng/ul	99
85) Chrysene	22.13	228	69804	3.10	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	101396	4.03	ng/ul	99
91) Benzo(a)pyrene	24.57	252	71470	2.96	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.40	276	56313	2.00	ng/ul#	91
94) Benzo(g,h,i)perylene	28.25	276	52614	2.22	ng/ul	97

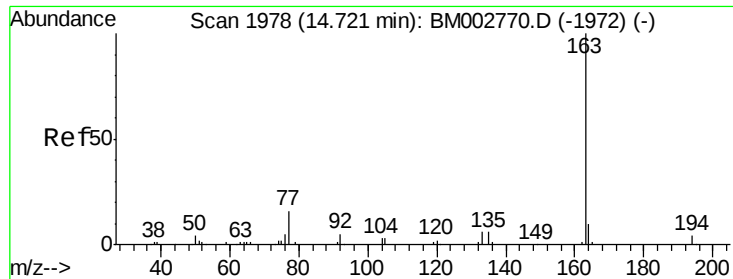
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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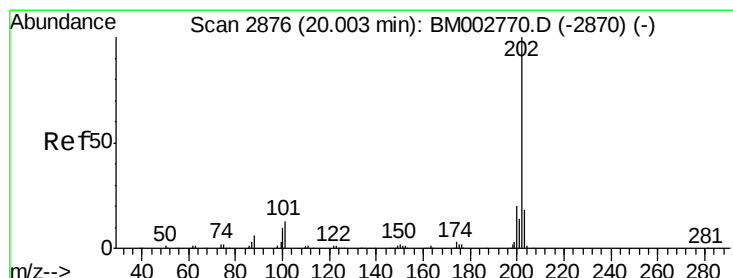
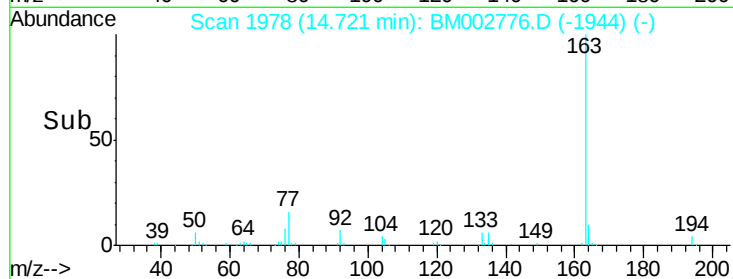
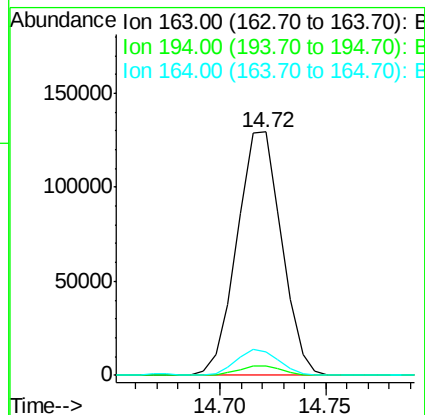
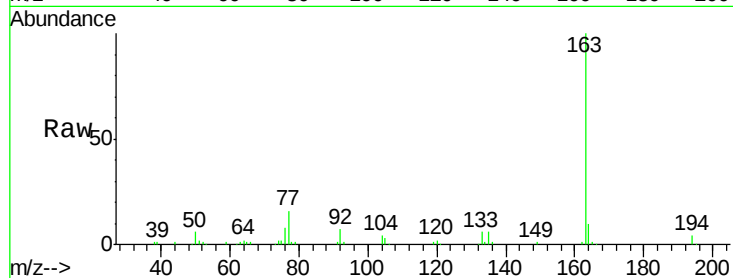




#45
 Dimethylphthalate
 Concen: 12.42 ng/ul
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BM002776.D
 Acq: 30 Sep 2015 09:36

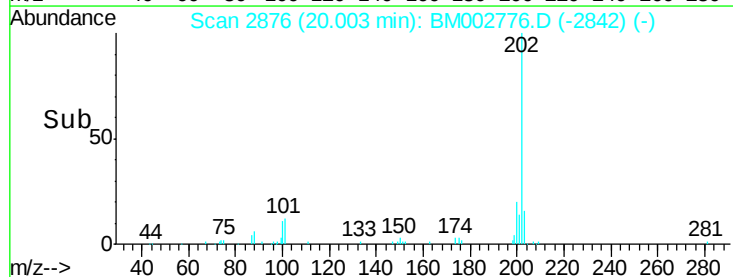
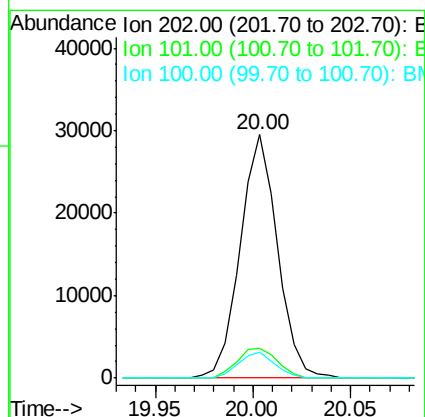
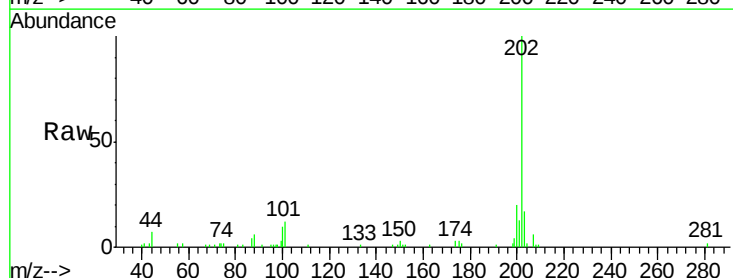
Instrument :
 BNA_M
 ClientSampleId :
 E5MW5

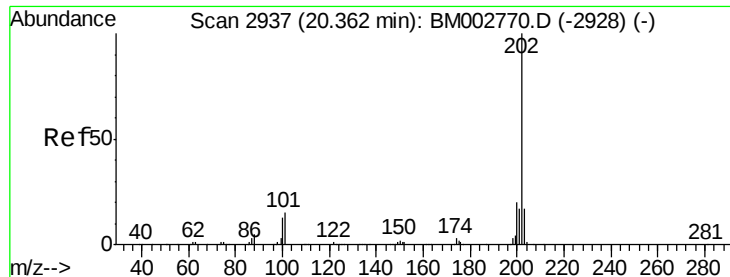
Tgt Ion:	163	Resp:	189026
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.1	12.1



#77
 Fluoranthene
 Concen: 1.74 ng/ul
 RT: 20.00 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BM002776.D
 Acq: 30 Sep 2015 09:36

Tgt Ion:	202	Resp:	39150
Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.4
100	10.5	8.3	12.5

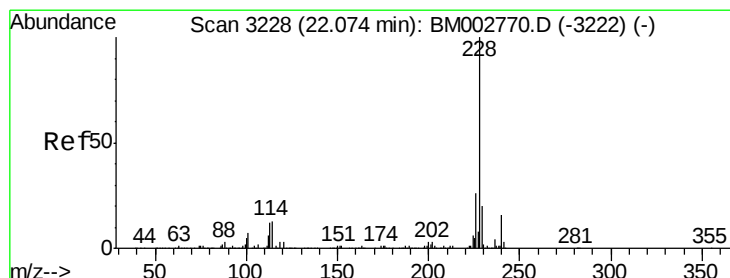
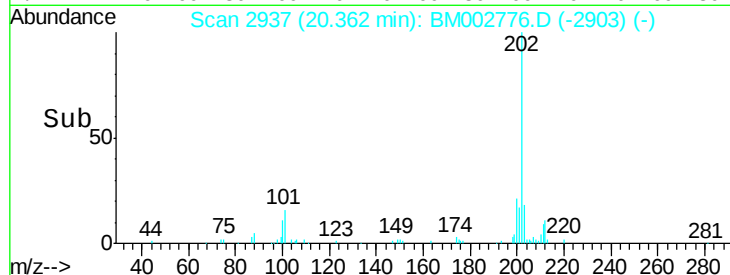
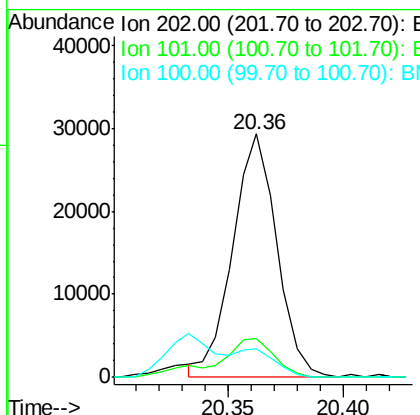
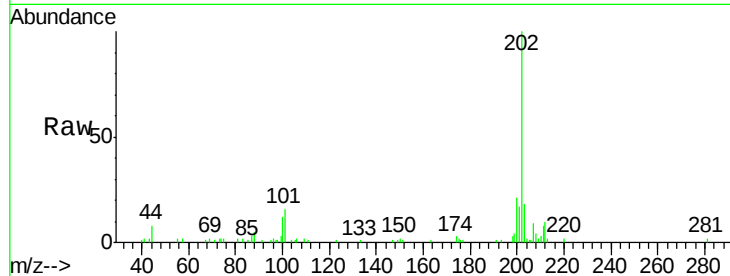




#80
 Pyrene
 Concen: 1.53 ng/ul
 RT: 20.36 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: BM002776.D
 Acq: 30 Sep 2015 09:36

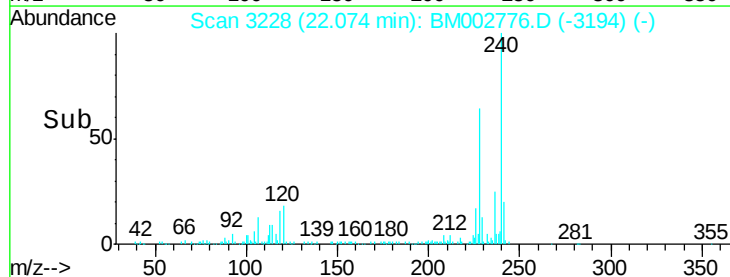
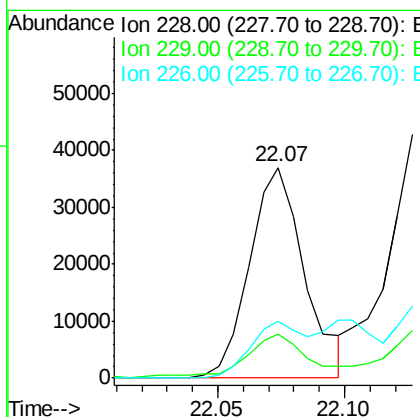
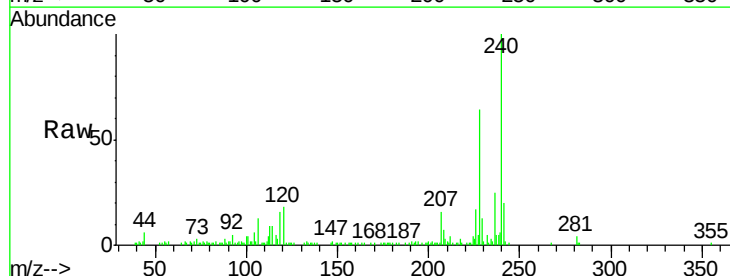
Instrument :
 BNA_M
 ClientSampleId :
 E5MW5

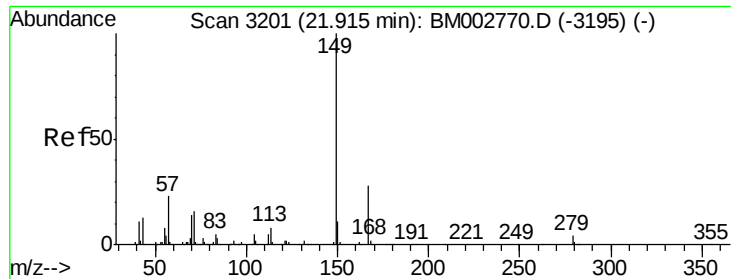
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.1	18.1
100	11.7	10.2	15.4



#83
 Benzo(a)anthracene
 Concen: 2.34 ng/ul
 RT: 22.07 min Scan# 3228
 Delta R.T. -0.00 min
 Lab File: BM002776.D
 Acq: 30 Sep 2015 09:36

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.1	24.1
226	26.7	20.9	31.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.49 ng/ul

RT: 21.92 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Instrument :

BNA_M

ClientSampleId :

E5MW5

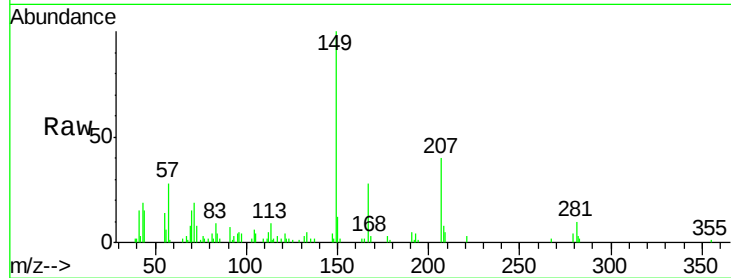
Tgt Ion:149 Resp: 25756

Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

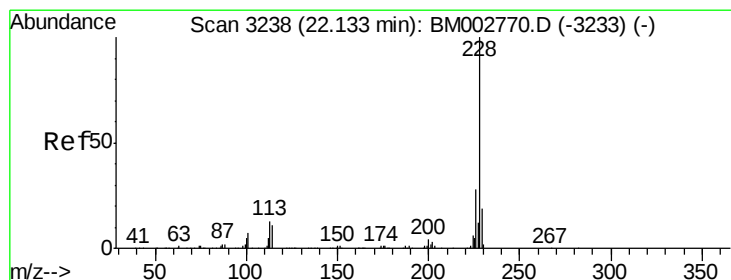
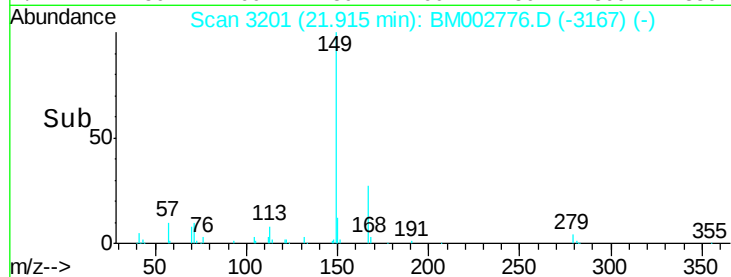
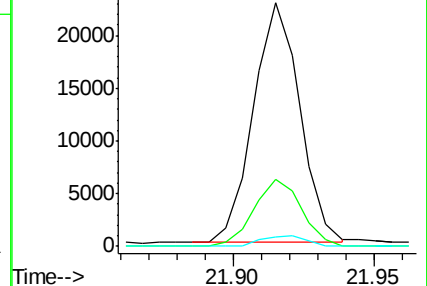
279 4.0 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 3.10 ng/ul

RT: 22.13 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

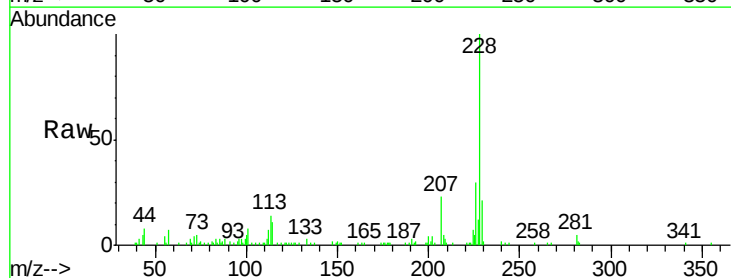
Tgt Ion:228 Resp: 69804

Ion Ratio Lower Upper

228 100

226 29.6 22.4 33.6

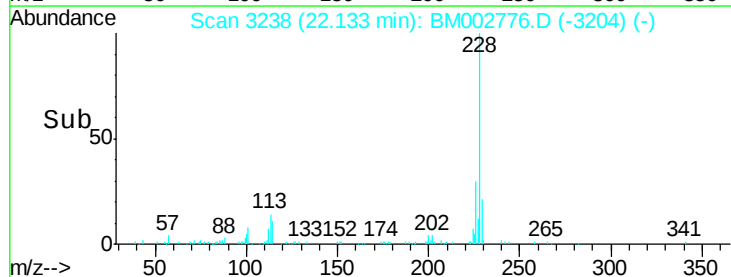
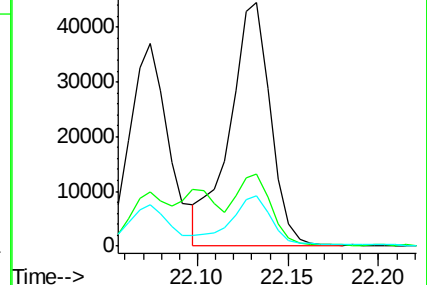
229 20.7 15.4 23.2

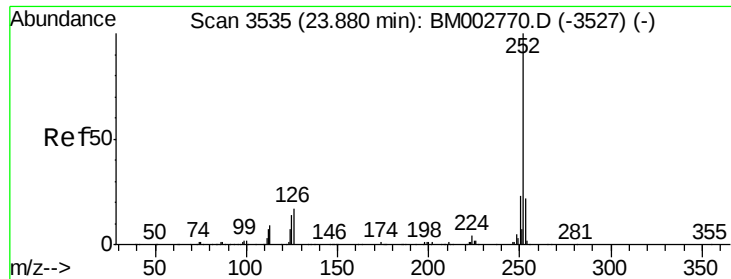


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.03 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Instrument :

BNA_M

ClientSampled :

E5MW5

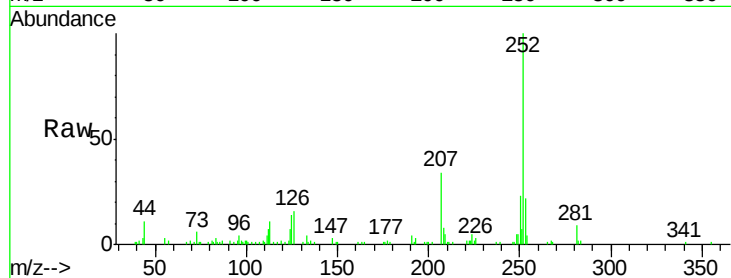
Tgt Ion:252 Resp: 101396

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

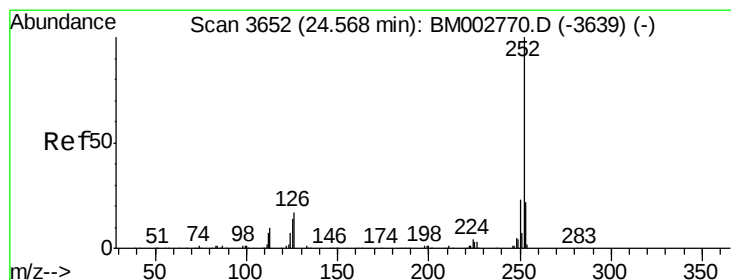
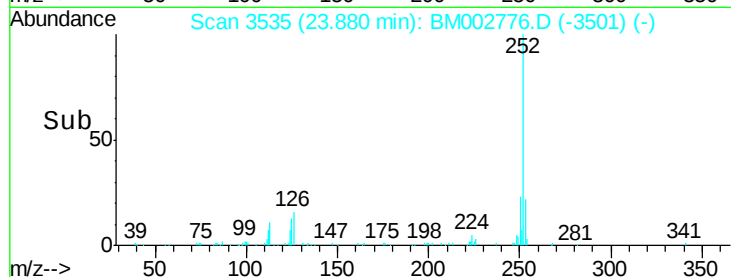
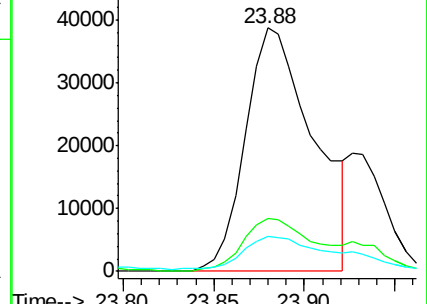
125 14.2 10.6 15.8



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



#91

Benzo(a)pyrene

Concen: 2.96 ng/ul

RT: 24.57 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

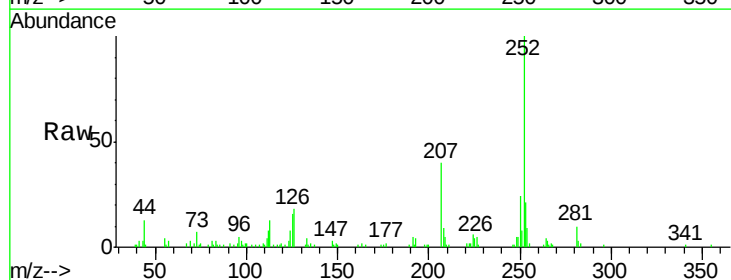
Tgt Ion:252 Resp: 71470

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

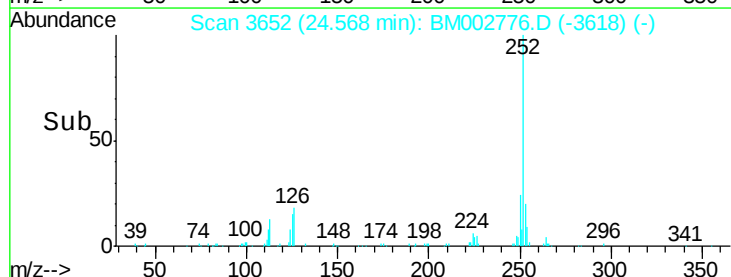
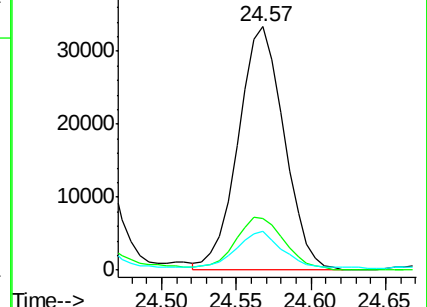
125 16.1 11.4 17.2

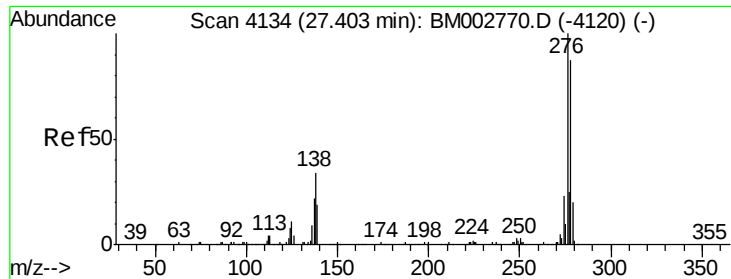


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.00 ng/ul

RT: 27.40 min Scan# 4133

Delta R.T. -0.01 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

Instrument :

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ClientSampleId :

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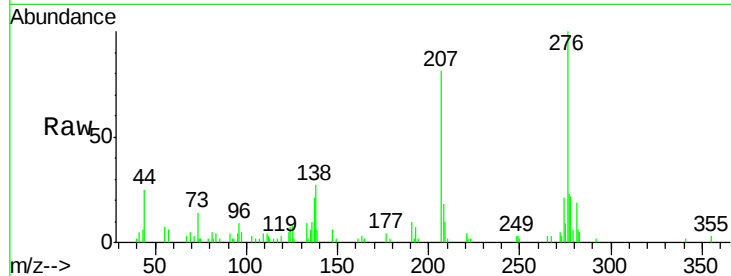
Tgt Ion:276 Resp: 56313

Ion Ratio Lower Upper

276 100

138 27.2 27.7 41.5#

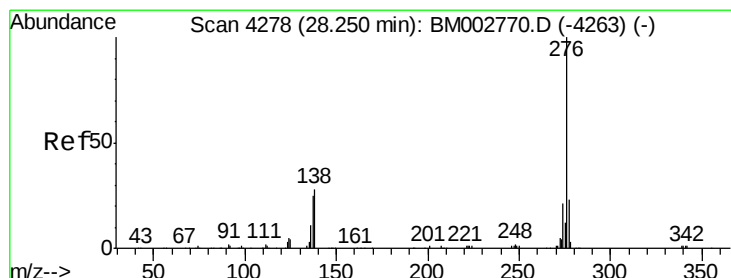
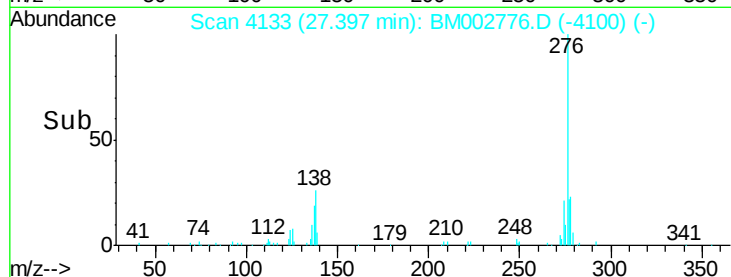
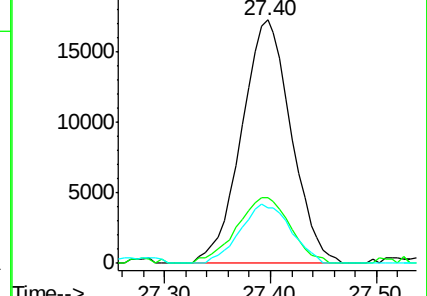
277 22.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 2.22 ng/ul

RT: 28.25 min Scan# 4278

Delta R.T. -0.00 min

Lab File: BM002776.D

Acq: 30 Sep 2015 09:36

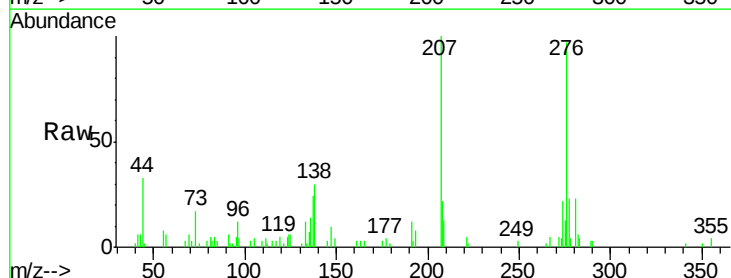
Tgt Ion:276 Resp: 52614

Ion Ratio Lower Upper

276 100

138 30.4 21.8 32.8

277 23.8 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

