

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092915\
 Data File : BM002777.D
 Acq On : 30 Sep 2015 10:13
 Operator : UM/IZ
 Sample : G3838-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW4

Quant Time: Sep 30 12:18:36 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	103231	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	423782	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	209036	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	417959	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	439364	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	450504	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	11465	5.16	ng/uL	0.00
5) Phenol-d5	7.82	99	218278	27.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	125470	28.52	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	204612	28.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	181224	28.10	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	94867	29.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	99617	29.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	162936	27.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	245011	34.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	467261	29.71	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	621392	29.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	72699	26.03	ng/ul	0.00
58) Fluorene-d10	16.27	176	407451	28.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	33088	16.23	ng/ul	0.00
71) Anthracene-d10	18.10	188	582405	29.20	ng/ul	0.00
79) Pyrene-d10	20.33	212	606842	29.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.52	264	692400	30.04	ng/ul	0.00

Target Compounds

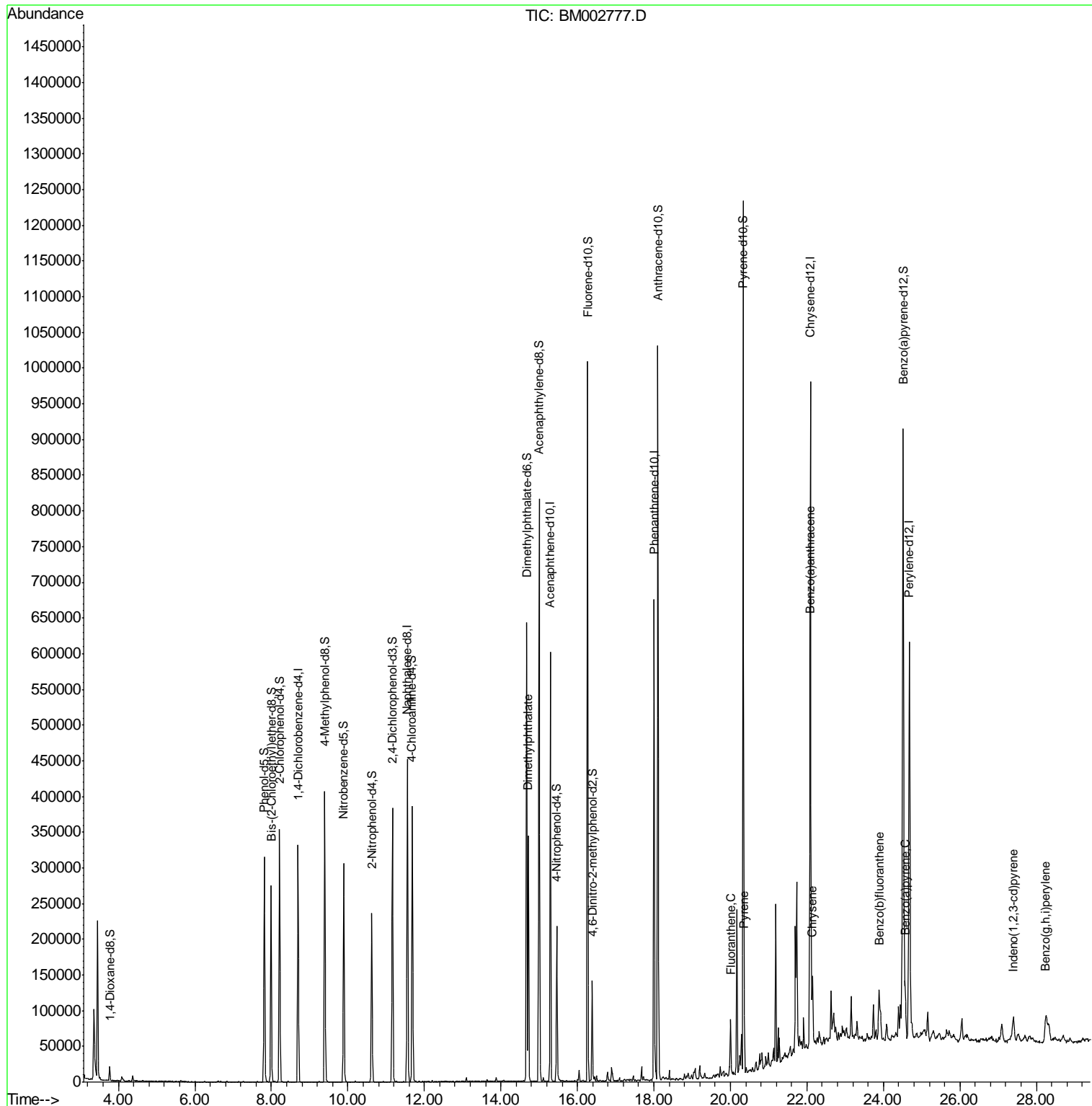
					Qvalue
45) Dimethylphthalate	14.72	163	248193	15.52	ng/ul 99
77) Fluoranthene	20.00	202	50541	2.02	ng/ul 100
80) Pyrene	20.36	202	62624	2.24	ng/ul 99
83) Benzo(a)anthracene	22.07	228	48692	1.86	ng/ul 97
85) Chrysene	22.13	228	49558	2.01	ng/ul 94
88) Benzo(b)fluoranthene	23.89	252	75110	2.78	ng/ul 98
91) Benzo(a)pyrene	24.57	252	59620	2.29	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	27.40	276	36629	1.21	ng/ul 93
94) Benzo(g,h,i)perylene	28.24	276	37544	1.47	ng/ul 96

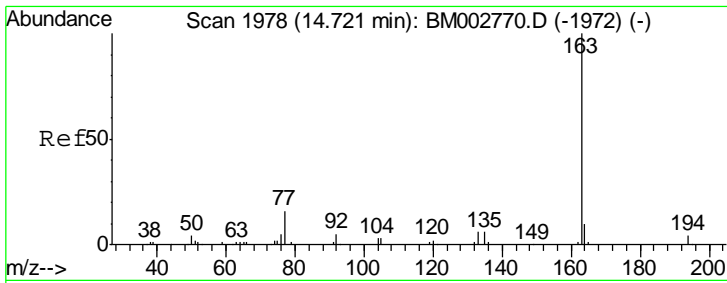
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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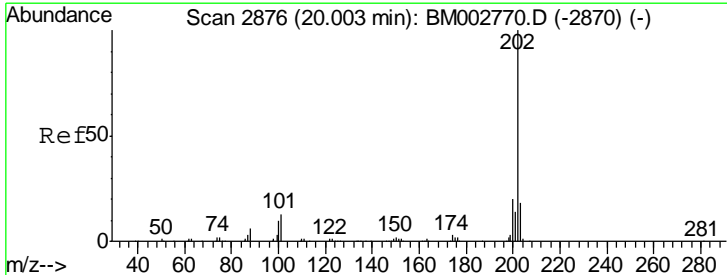
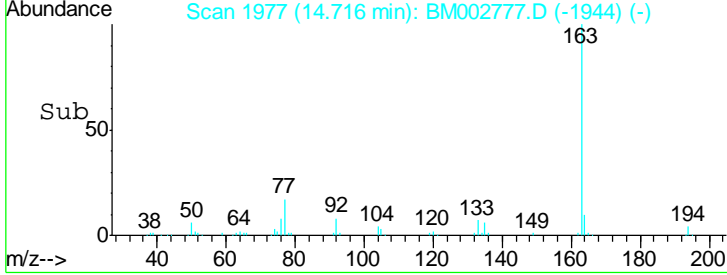
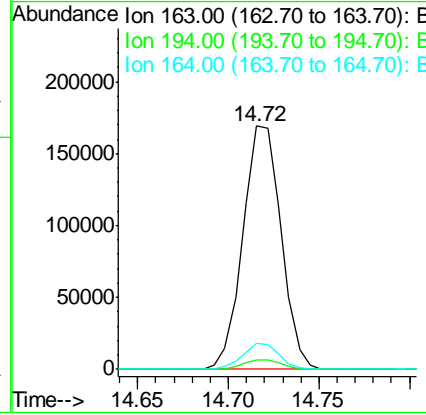
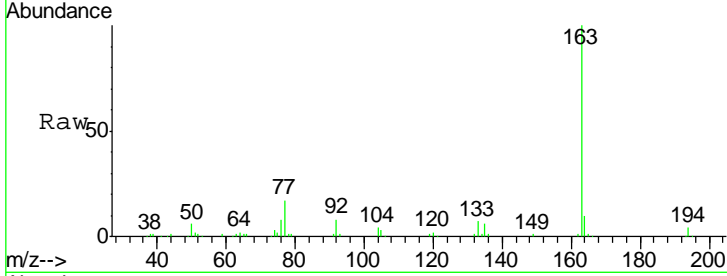




#45
 Dimethylphthalate
 Concen: 15.52 ng/ul
 RT: 14.72 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BM002777.D
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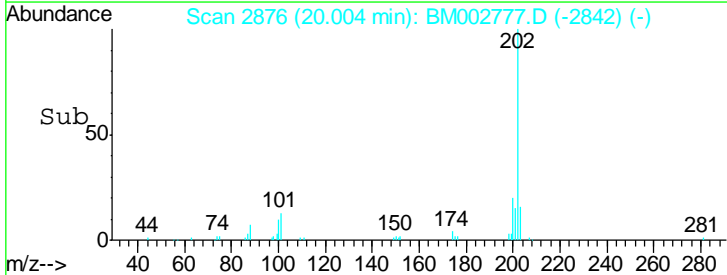
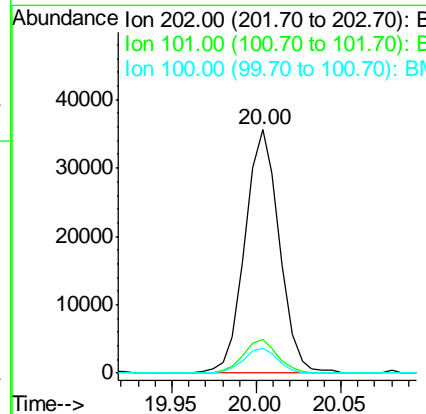
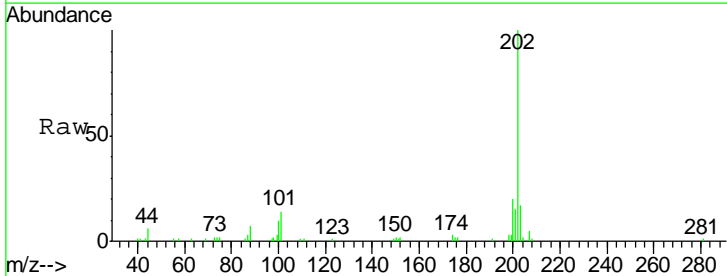
Instrument :
 BNA_M
 ClientSampled :
 E5MW4

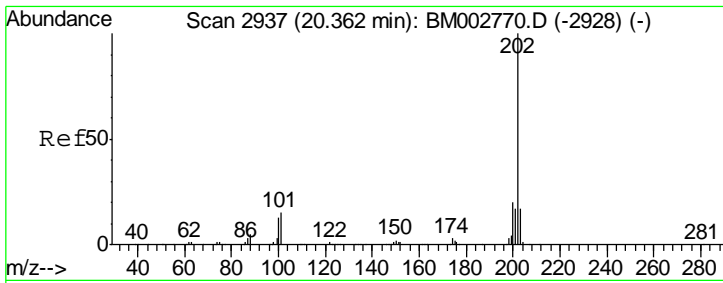
Tgt Ion	Resp	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.1	12.1



#77
 Fluoranthene
 Concen: 2.02 ng/ul
 RT: 20.00 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

Tgt Ion	Resp	Lower	Upper
202	100		
101	13.6	11.0	16.4
100	10.1	8.3	12.5

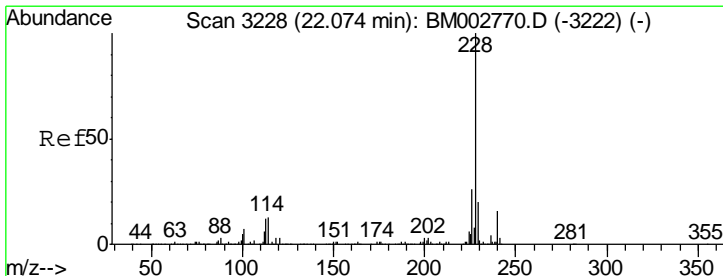
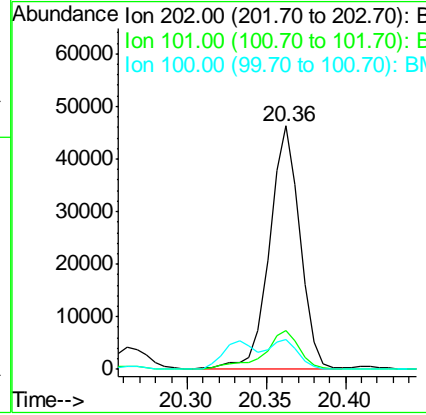
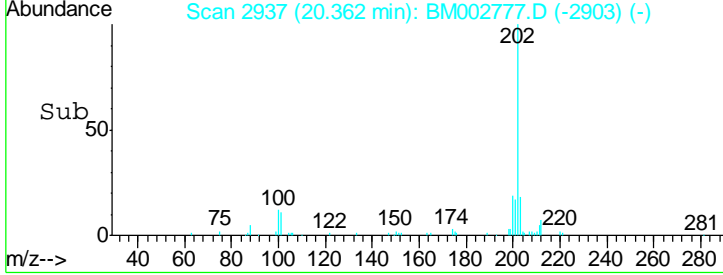
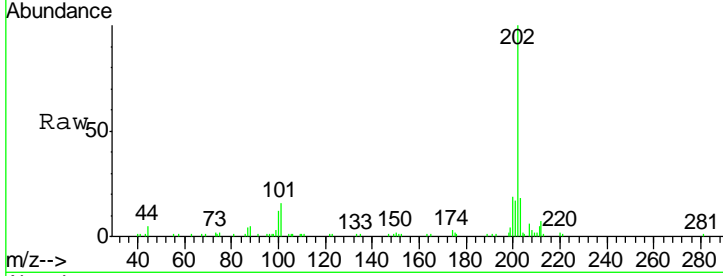




#80
 Pyrene
 Concen: 2.24 ng/ul
 RT: 20.36 min Scan# 2937
 Delta R.T. 0.00 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

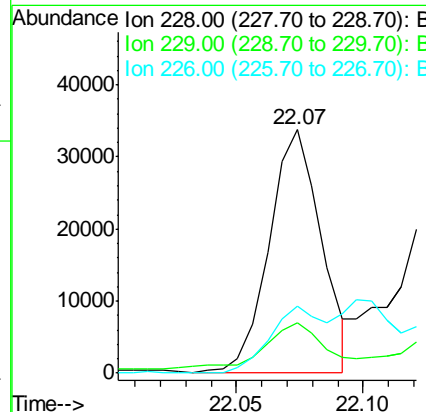
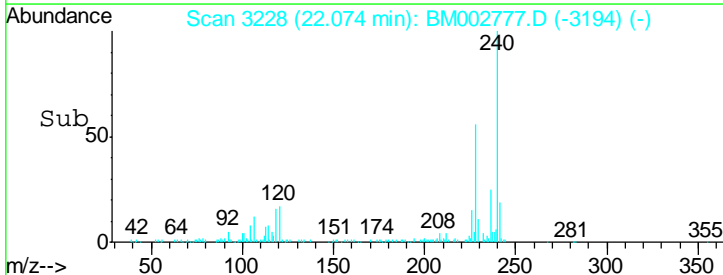
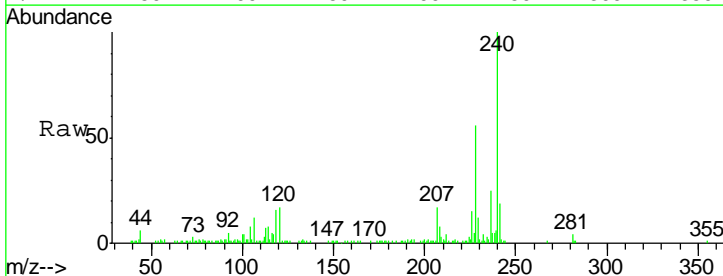
Instrument :
 BNA_M
 ClientSampled :
 E5MW4

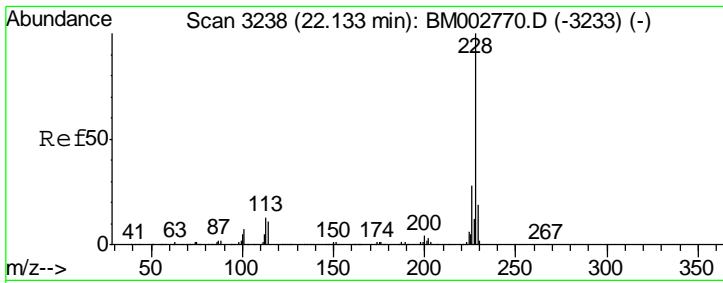
Tgt Ion	Resp	Lower	Upper
202	62624		
101	15.7	12.1	18.1
100	12.5	10.2	15.4



#83
 Benzo(a)anthracene
 Concen: 1.86 ng/ul
 RT: 22.07 min Scan# 3228
 Delta R.T. 0.00 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

Tgt Ion	Resp	Lower	Upper
228	48692		
229	20.9	16.1	24.1
226	27.7	20.9	31.3

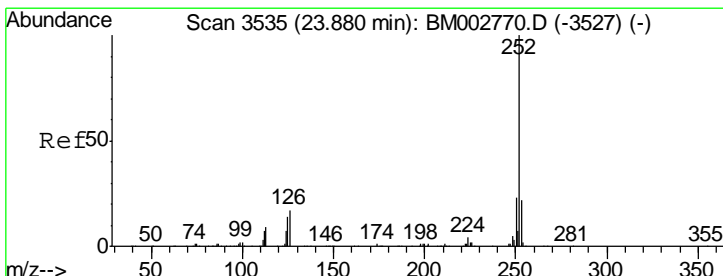
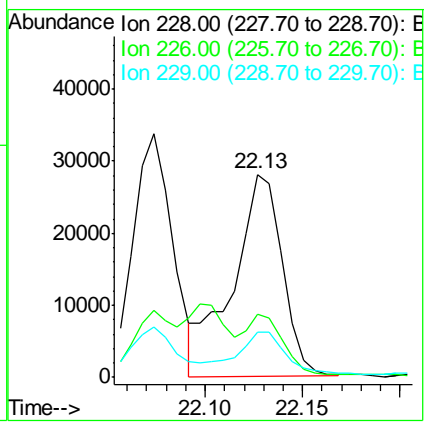
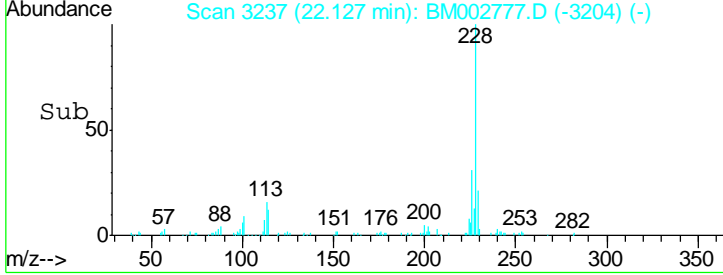
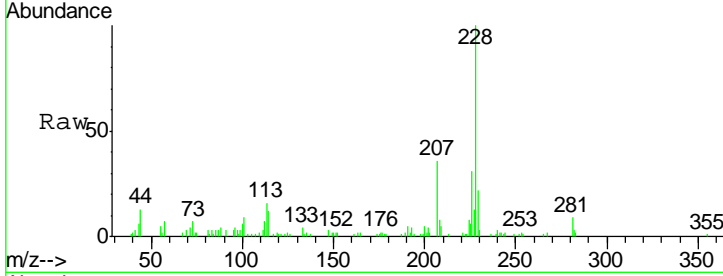




#85
 Chrysene
 Concen: 2.01 ng/ul
 RT: 22.13 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

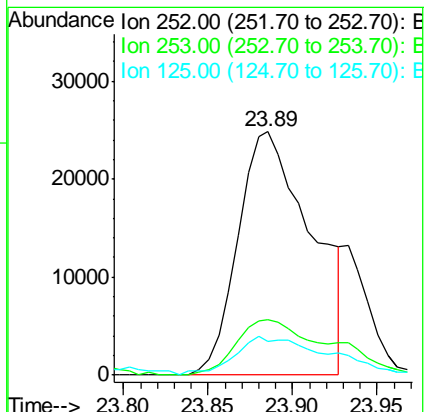
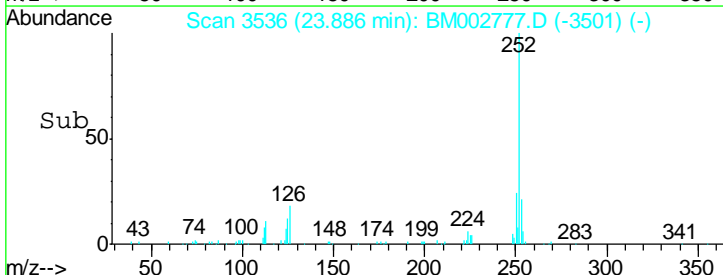
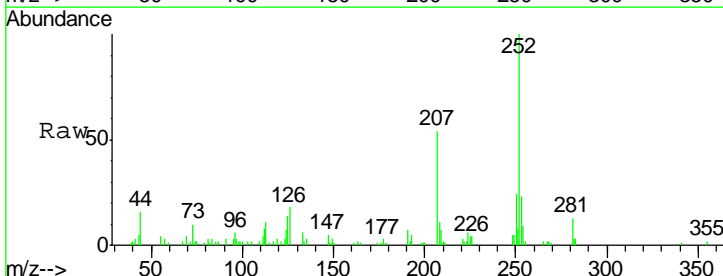
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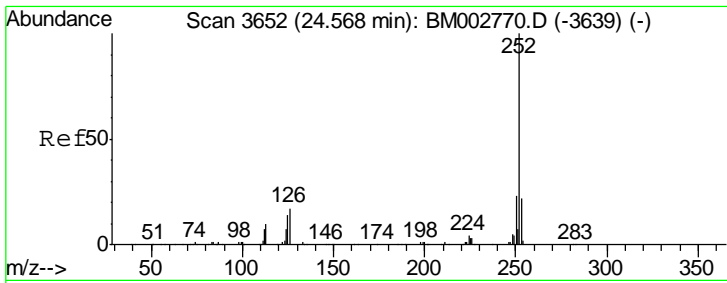
Tgt Ion	Resp	Lower	Upper
228	49558		
226	30.8	22.4	33.6
229	22.2	15.4	23.2



#88
 Benzo(b)fluoranthene
 Concen: 2.78 ng/ul
 RT: 23.89 min Scan# 3536
 Delta R.T. 0.01 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

Tgt Ion	Resp	Lower	Upper
252	75110		
253	23.0	17.6	26.4
125	13.8	10.6	15.8

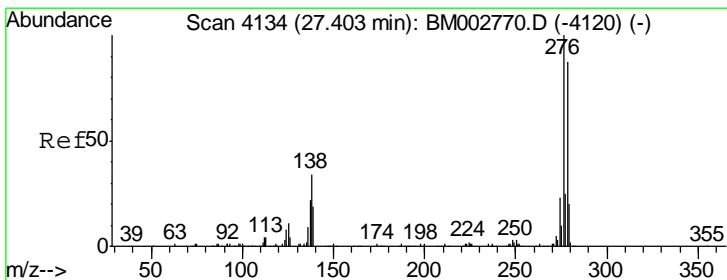
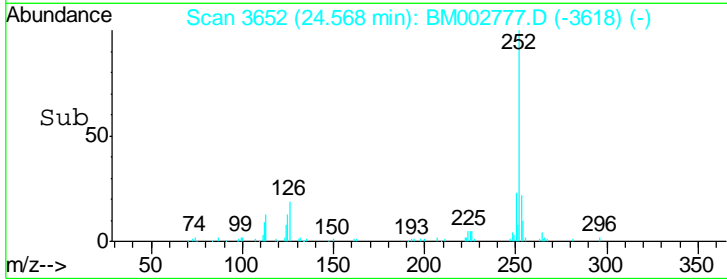
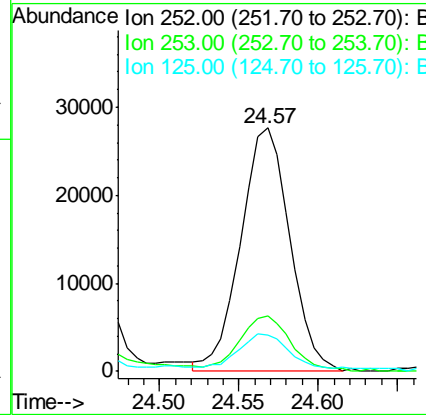
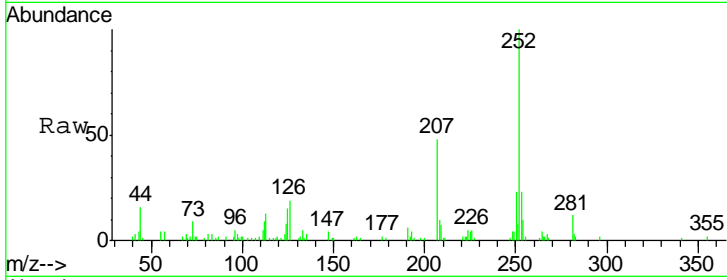




#91
 Benzo(a)pyrene
 Concen: 2.29 ng/ul
 RT: 24.57 min Scan# 3652
 Delta R.T. 0.00 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

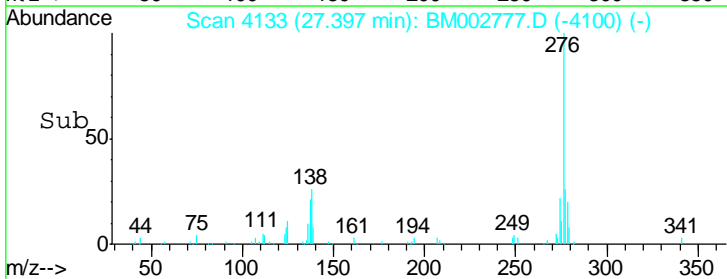
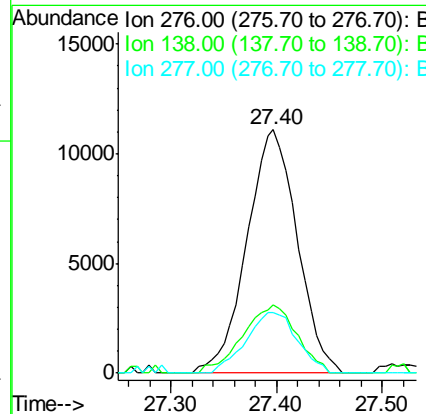
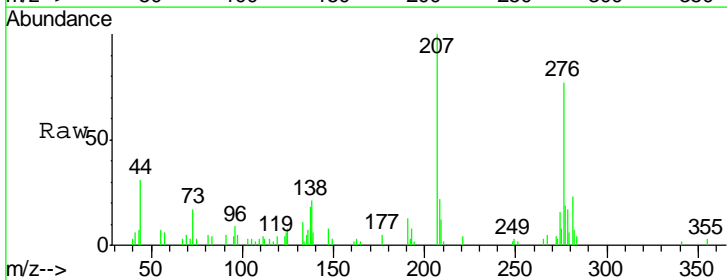
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 ClientSampled :
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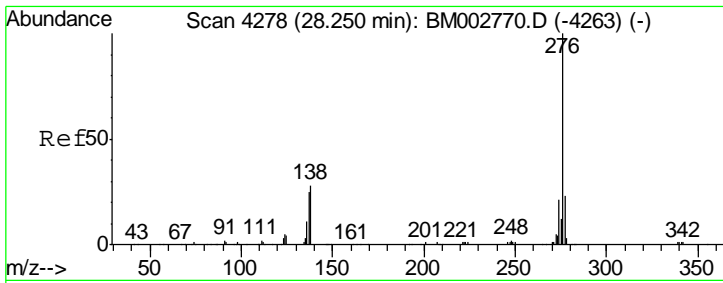
Tgt Ion	Resp	Lower	Upper
252	59620		
253	23.0	17.4	26.0
125	14.8	11.4	17.2



#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.21 ng/ul
 RT: 27.40 min Scan# 4133
 Delta R.T. -0.01 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

Tgt Ion	Resp	Lower	Upper
276	36629		
138	27.8	27.7	41.5
277	24.7	20.2	30.4





#94
 Benzo(g,h,i)perylene
 Concen: 1.47 ng/ul
 RT: 28.24 min Scan# 4277
 Delta R.T. -0.01 min
 Lab File: BM002777.D
 Acq: 30 Sep 2015 10:13

Instrument :
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Tgt Ion	Resp	Lower	Upper
276	37544		
138	29.3	21.8	32.8
277	25.6	18.9	28.3

