

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021555.D
 Acq On : 29 Mar 2016 15:52
 Operator : UM/SJ
 Sample : H1935-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD0

Quant Time: Mar 30 01:33:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 01:11:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	15356	20.00	ng/ul	0.01
18) Naphthalene-d8	10.87	136	71333	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	45706	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	107241	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	110461	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	106325	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	264	0.77	ng/uL	0.00
5) Phenol-d5	7.35	99	6400	4.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	24325	28.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	25784	23.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	15443	12.42	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	17817	33.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	19747	32.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	30998	28.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1838	1.29	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	116711	30.67	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	145856	31.09	ng/ul	0.00
52) 4-Nitrophenol-d4	15.11	143	1765	2.90	ng/ul	0.02
58) Fluorene-d10	15.66	176	106332	30.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	21349	30.13	ng/ul	0.00
71) Anthracene-d10	17.51	188	161268	30.69	ng/ul	0.00
79) Pyrene-d10	19.79	212	168235	32.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	170922	34.83	ng/ul	0.00

Target Compounds

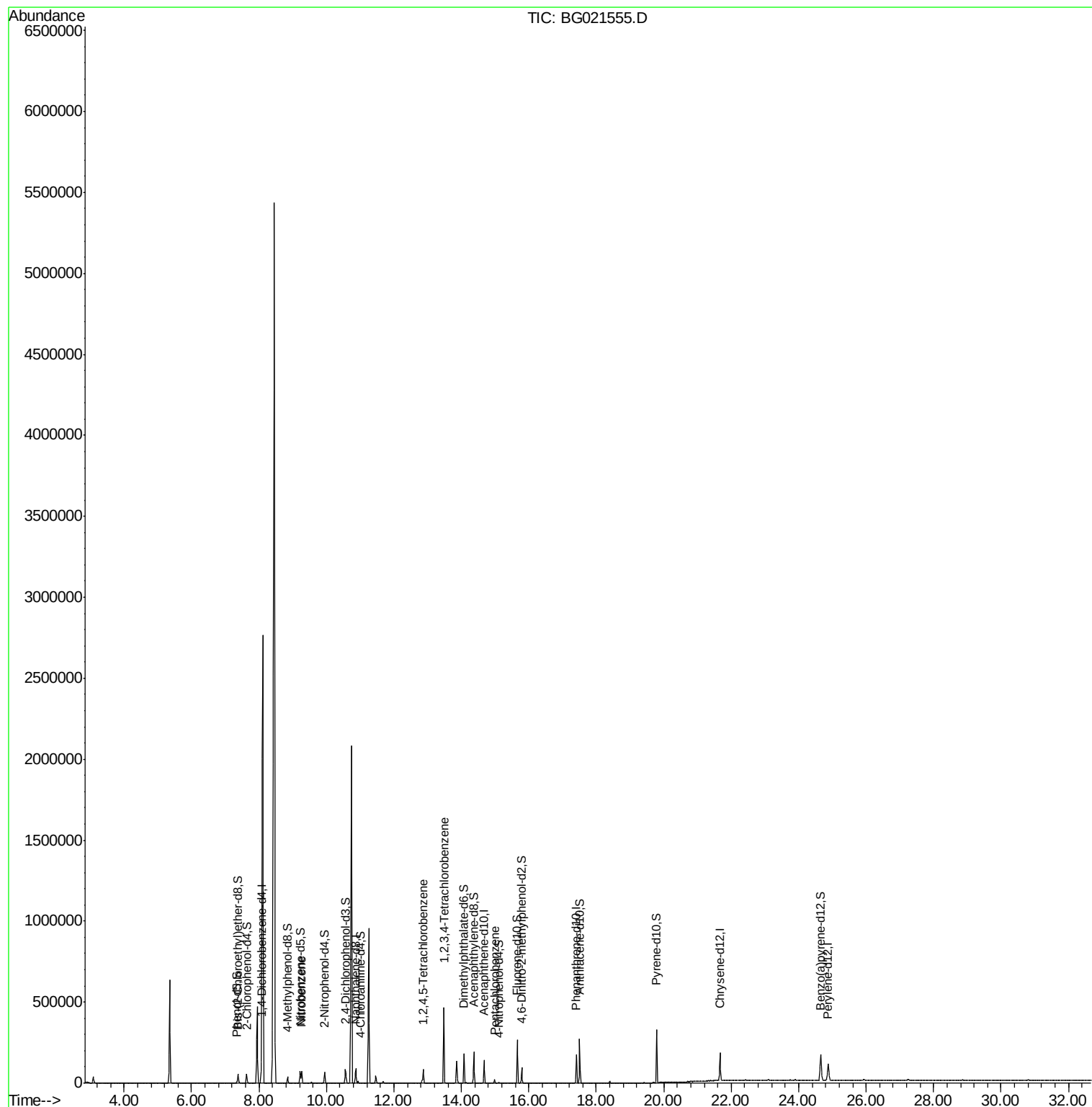
						Qvalue
20) Nitrobenzene	9.27	77	44220	29.25	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	33405	20.88	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	137872	91.82	ng/uL	94
74) Pentachlorobenzene	14.99	250	6349	4.07	ng/uL	90

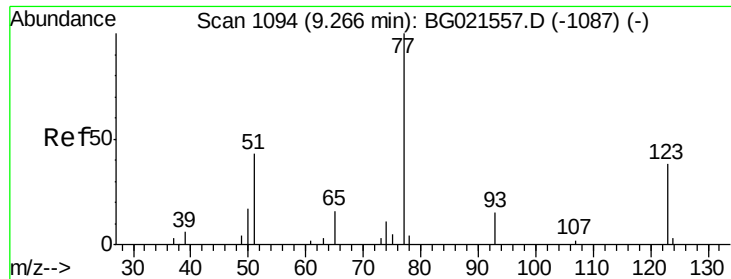
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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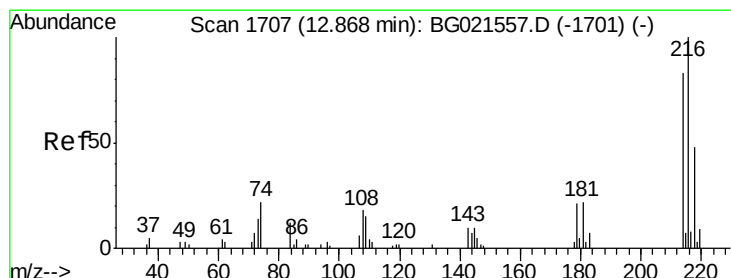
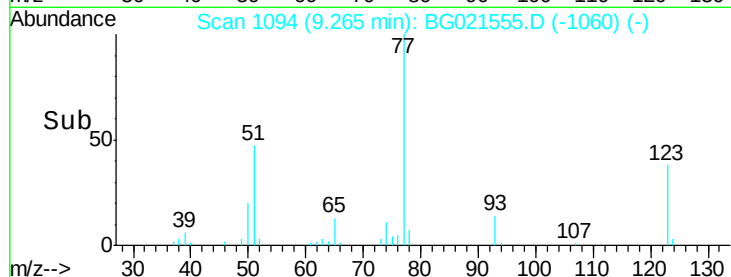
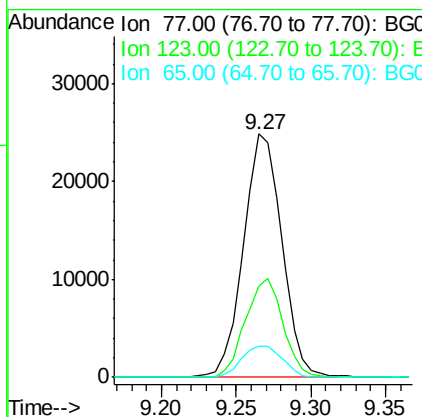
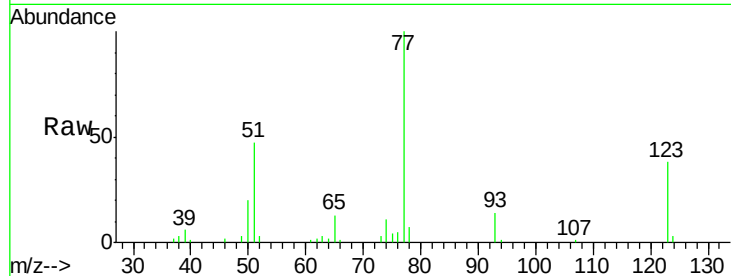




#20
Nitrobenzene
Concen: 29.25 ng/ul
RT: 9.27 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

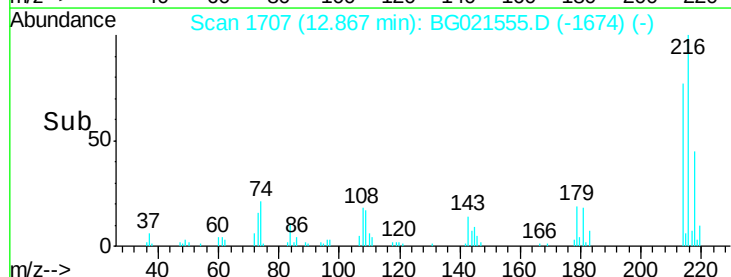
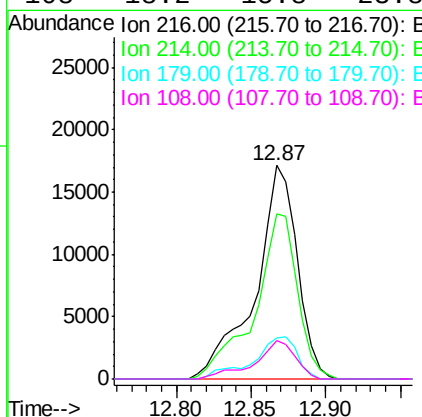
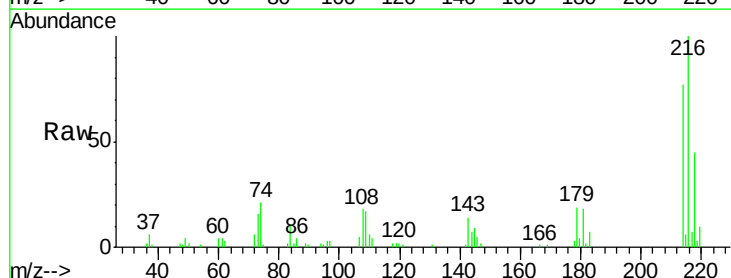
Instrument :
BNA_G
ClientSampleId :
C0AD0

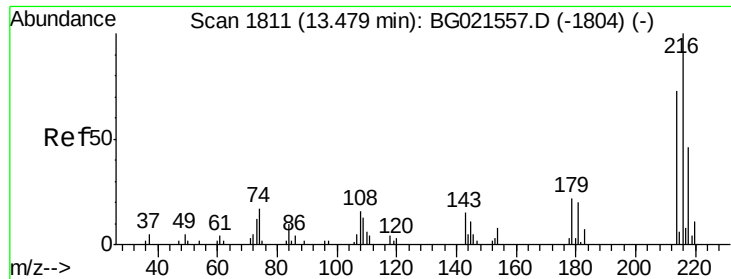
Tgt Ion: 77 Resp: 44220
Ion Ratio Lower Upper
77 100
123 37.6 28.4 42.6
65 12.9 11.0 16.6



#37
1,2,4,5-Tetrachlorobenzene
Concen: 20.88 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG021555.D
Acq: 29 Mar 2016 15:52

Tgt Ion: 216 Resp: 33405
Ion Ratio Lower Upper
216 100
214 77.1 57.8 86.8
179 19.2 19.5 29.3#
108 18.2 15.8 23.8

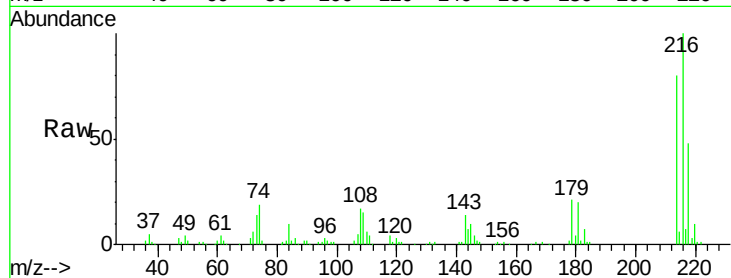




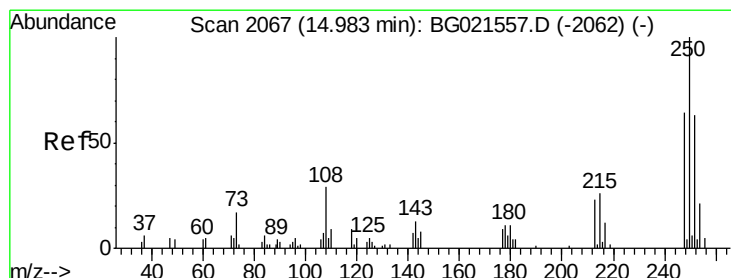
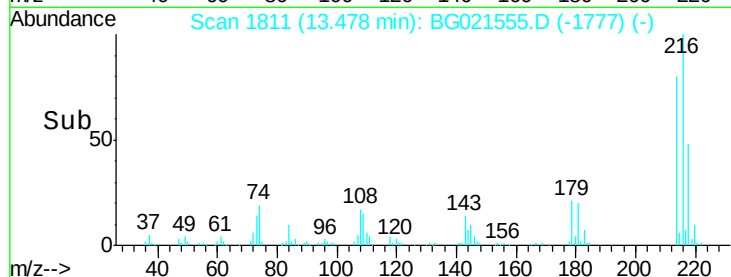
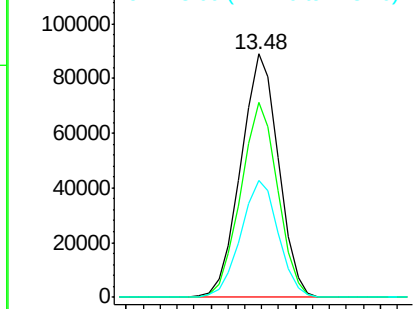
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 91.82 ng/uL
 RT: 13.48 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG021555.D
 Acq: 29 Mar 2016 15:52

Instrument :
 BNA_G
 ClientSampleId :
 C0AD0

Tgt Ion:216 Resp: 137872
 Ion Ratio Lower Upper
 216 100
 214 79.8 69.2 103.8
 218 48.1 41.4 62.0

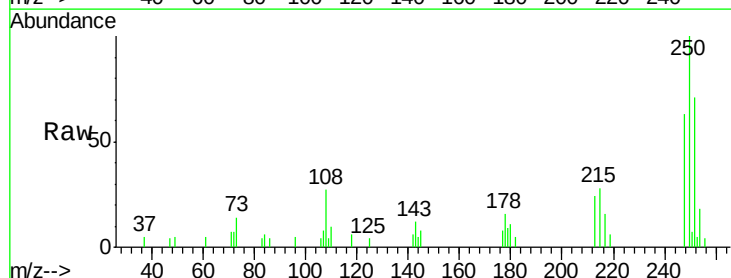


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 4.07 ng/uL
 RT: 14.99 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG021555.D
 Acq: 29 Mar 2016 15:52

Tgt Ion:250 Resp: 6349
 Ion Ratio Lower Upper
 250 100
 248 58.4 53.3 79.9
 252 70.7 51.1 76.7



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

