

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
 Data File : BG021437.D
 Acq On : 17 Mar 2016 18:03
 Operator : UM/SJ
 Sample : H1785-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 18 04:04:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 04:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	8979	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	38743	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	25679	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	64107	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	74819	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	71933	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.35	99	4345	5.12	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.41	67	13106	26.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13293	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	8450	11.62	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	9003	30.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	9993	30.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	15965	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1141	1.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	68657	32.11	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	81642	30.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	1354	3.96	ng/ul	0.02
58) Fluorene-d10	15.68	176	61985	32.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	12280	29.00	ng/ul	0.00
71) Anthracene-d10	17.54	188	105287	33.51	ng/ul	0.00
79) Pyrene-d10	19.81	212	121474	34.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	127525	38.41	ng/ul	0.00

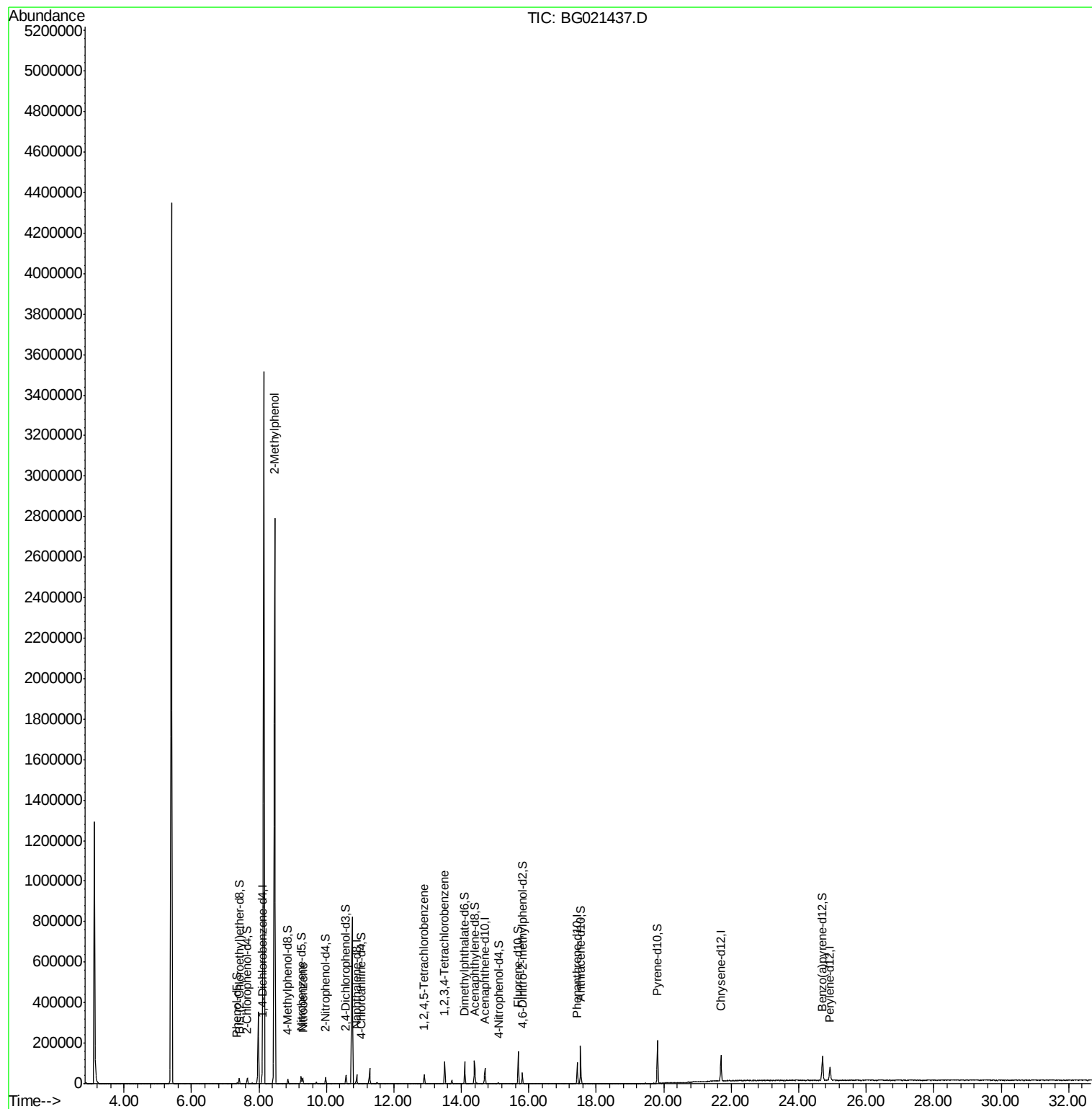
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 2-Methylphenol	8.47	108	13748	19.91	ng/ul	100
20) Nitrobenzene	9.30	77	17282	21.05	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	16335	18.17	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	24696	27.51	ng/uL	86

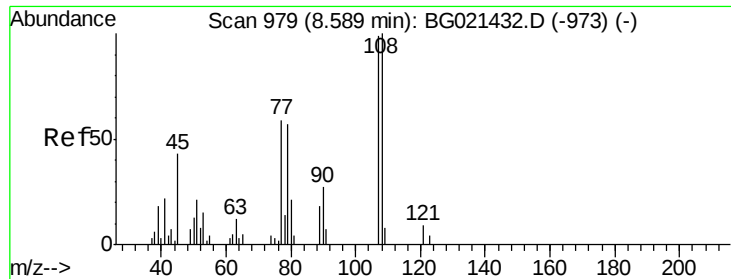
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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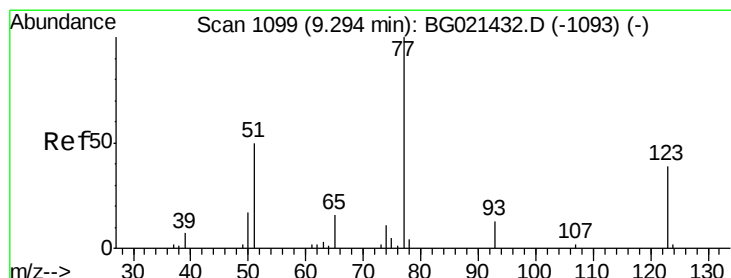
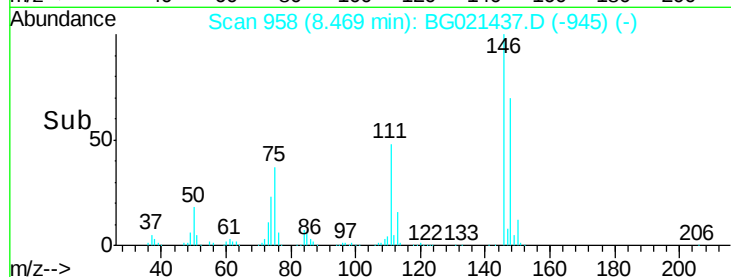
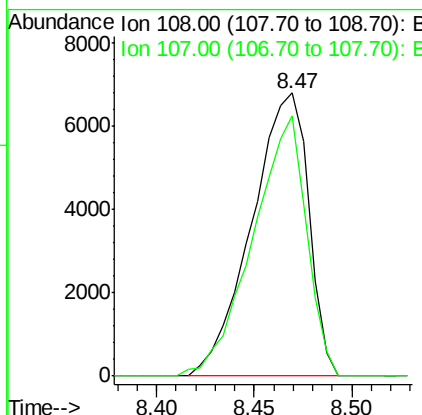
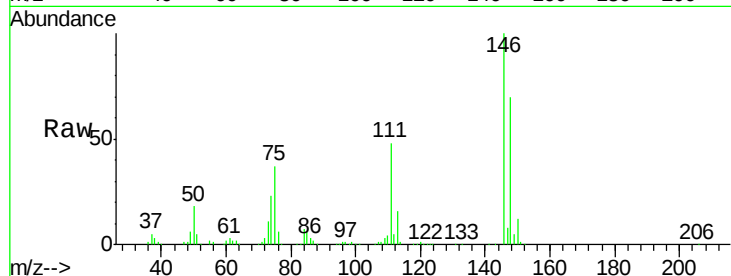




#11
2-Methylphenol
Concen: 19.91 ng/ul
RT: 8.47 min Scan# 958
Delta R.T. -0.12 min
Lab File: BG021437.D
Acq: 17 Mar 2016 18:03

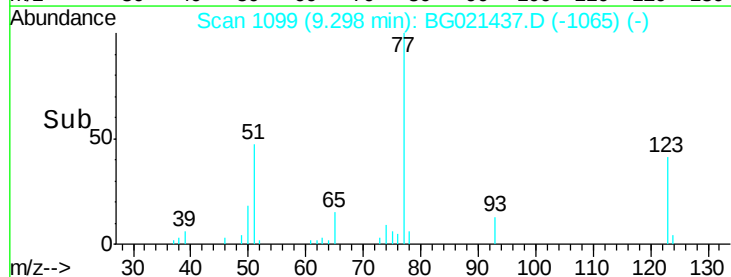
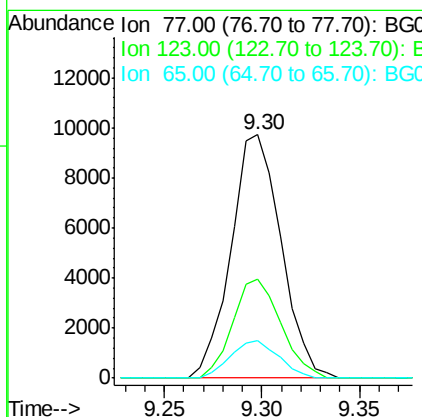
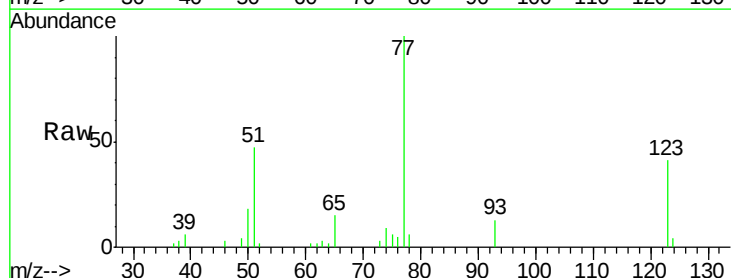
Instrument :
BNA_G
ClientSampled :

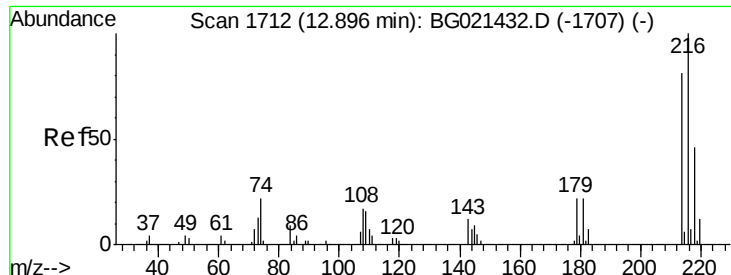
Tot Ion: 108 Resp: 13748
Ion Ratio Lower Upper
108 100
107 92.1 73.4 110.0



#20
Nitrobenzene
Concen: 21.05 ng/ul
RT: 9.30 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG021437.D
Acq: 17 Mar 2016 18:03

Tgt Ion: 77 Resp: 17282
Ion Ratio Lower Upper
77 100
123 40.9 28.4 42.6
65 15.2 11.0 16.6

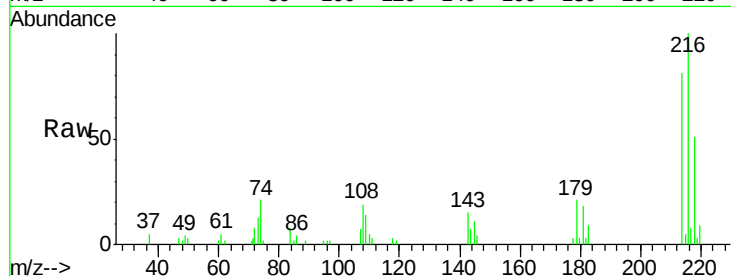




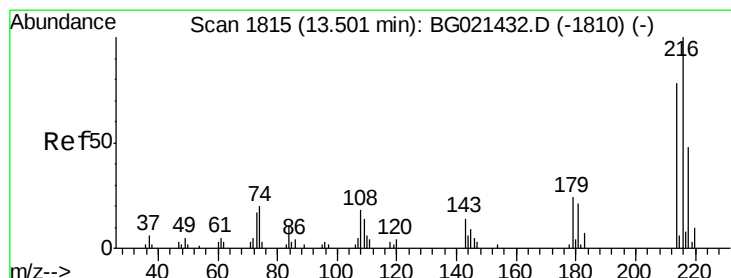
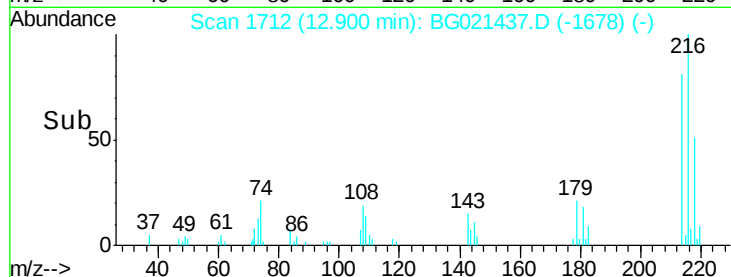
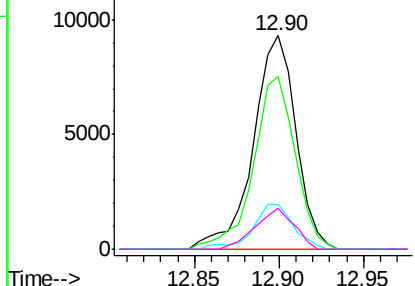
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.17 ng/ul
 RT: 12.90 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG021437.D
 Acq: 17 Mar 2016 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.2	57.8	86.8
179	19.3	19.5	29.3
108	17.6	15.8	23.8

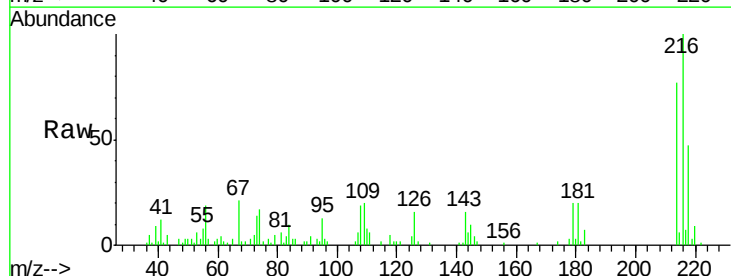


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 27.51 ng/uL
 RT: 13.50 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BG021437.D
 Acq: 17 Mar 2016 18:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	72.3	69.2	103.8
218	43.9	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

