

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021559.D
 Acq On : 29 Mar 2016 19:36
 Operator : UM/SJ
 Sample : H1935-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:12:14 PM

Quant Time: Mar 30 02:01:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 01:34:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	15173	20.00	ng/ul	0.02
18) Naphthalene-d8	10.87	136	65067	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	40385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	92443	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	102918	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	99107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	186	0.55	ng/uL	0.00
5) Phenol-d5	7.35	99	5948	4.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.38	67	20489	24.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	21972	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	12847	10.46	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	14686	30.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	16666	29.87	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	26501	26.57	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	870	0.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	96358	28.66	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	122743	29.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.11	143	1540m	2.87	ng/ul	0.02
58) Fluorene-d10	15.66	176	89117	29.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	16450	26.94	ng/ul	0.00
71) Anthracene-d10	17.51	188	135835	29.98	ng/ul	0.00
79) Pyrene-d10	19.79	212	148511	30.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	152121	33.26	ng/ul	0.00

Target Compounds						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	20003	14.15	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	205114	158.46	ng/uL	93
74) Pentachlorobenzene	14.99	250	14534	10.82	ng/uL	96

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

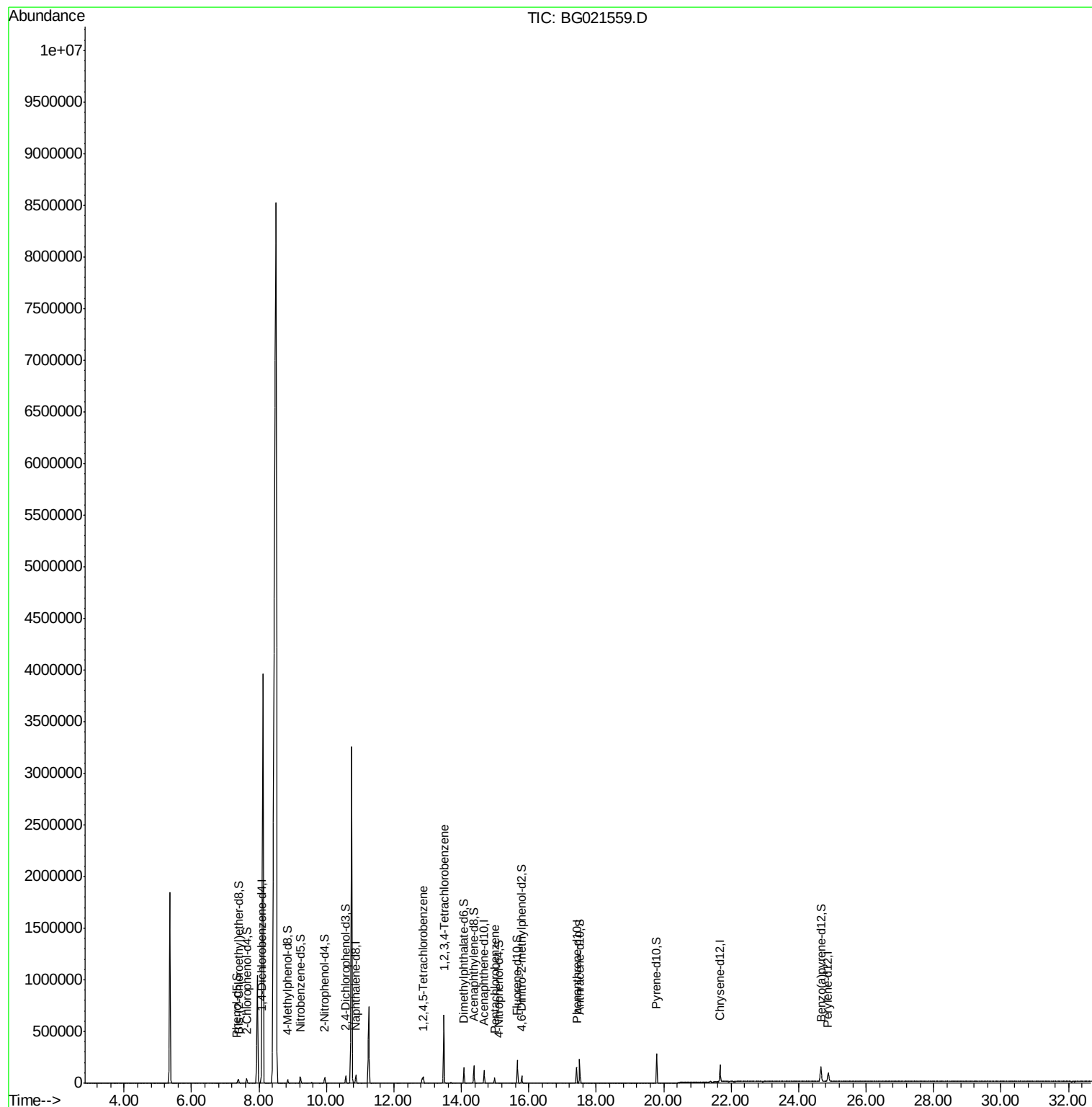
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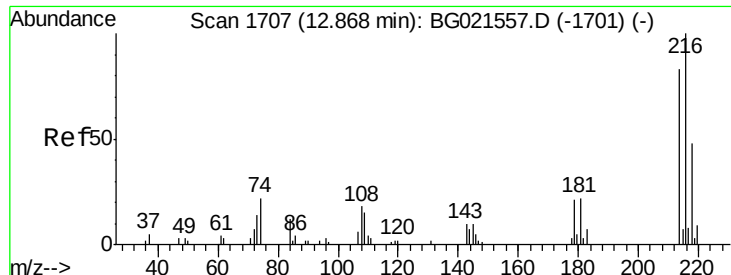
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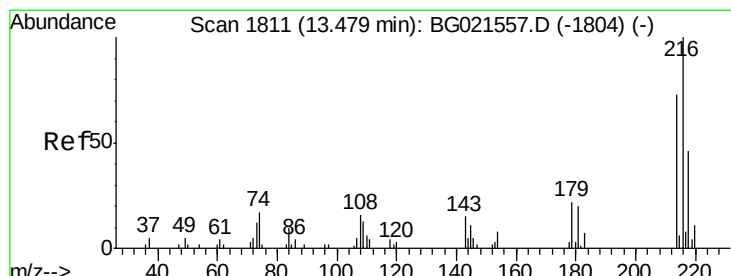
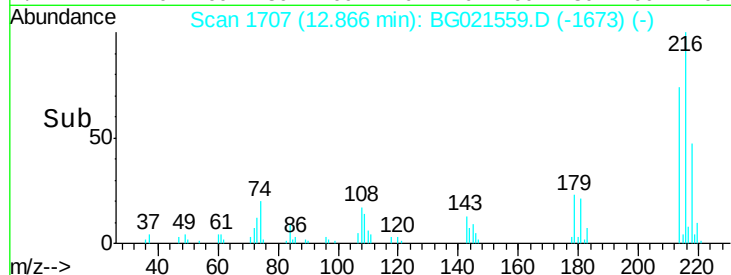
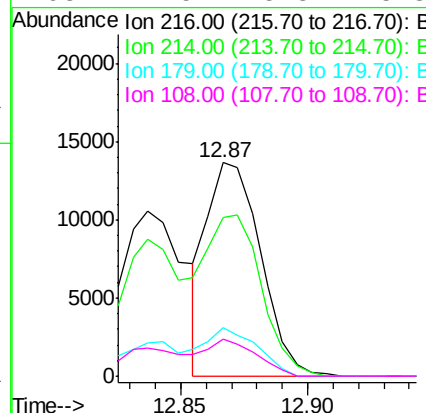
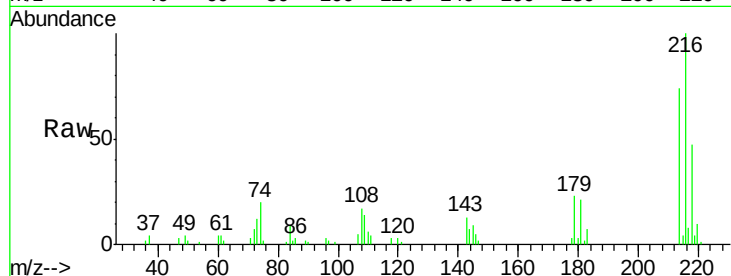
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.15 ng/uL
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG021559.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_G
 ClientSampled :
 C0AD9

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.3	57.8	86.8
179	22.5	19.5	29.3
108	17.5	15.8	23.8

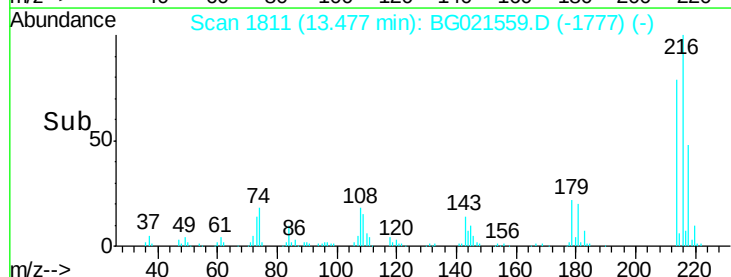
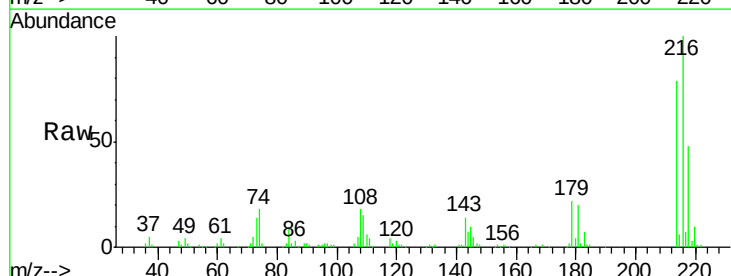
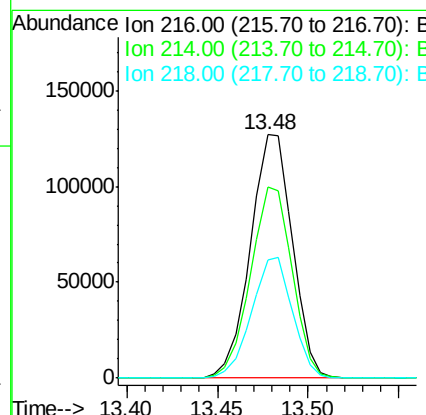
Manual Integrations
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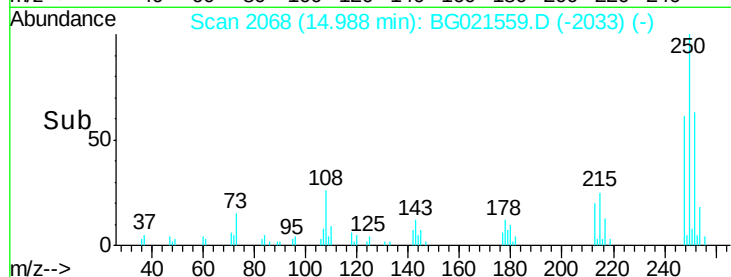
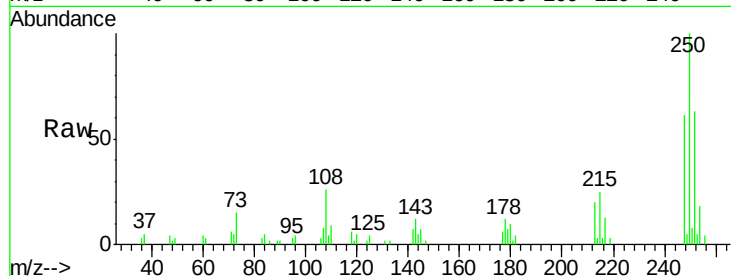
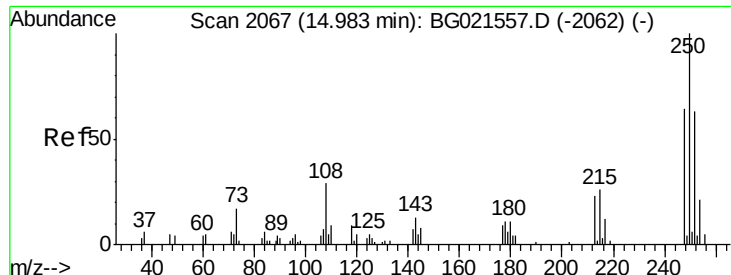
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 158.46 ng/uL
 RT: 13.48 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG021559.D
 Acq: 29 Mar 2016 19:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	69.2	103.8
218	48.4	41.4	62.0





#74

Pentachlorobenzene

Concen: 10.82 ng/uL

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG021559.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_G

ClientSampleId :

C0AD9

Tgt Ion:	250	Resp:	14534
Ion Ratio	Lower	Upper	
250	100		
248	60.9	53.3	79.9
252	62.6	51.1	76.7

Manual Integrations
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