

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
 Data File : BG026206.D
 Acq On : 11 Mar 2017 13:15
 Operator : SJ/MA
 Sample : I2180-06DL 20X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BH0DL

Manual Integrations
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Quant Time: Mar 13 12:31:07 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 11 00:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	86549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	385643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.66	164	218035	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	509888	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	557719	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	562265	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.50	96	308	0.15	ng/uL	0.00
5) Phenol-d5	7.22	99	2409	0.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	9531	2.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	7445	1.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	4464	0.89	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	4901	1.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	3951	1.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	7449	1.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	642	0.09	ng/ul	-0.13
43) Dimethylphthalate-d6	14.07	166	32404	2.28	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	47791	2.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	1381	0.49	ng/ul	0.14
57) Fluorene-d10	15.65	176	36924	2.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	275	0.11	ng/ul	0.00
70) Anthracene-d10	17.50	188	54572m	2.36	ng/ul	0.00
78) Pyrene-d10	19.77	212	59242	2.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	58737	2.37	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	16963	2.75	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	214520	35.17	ng/uL	98
73) Pentachlorobenzene	14.98	250	14879	2.38	ng/uL	89

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

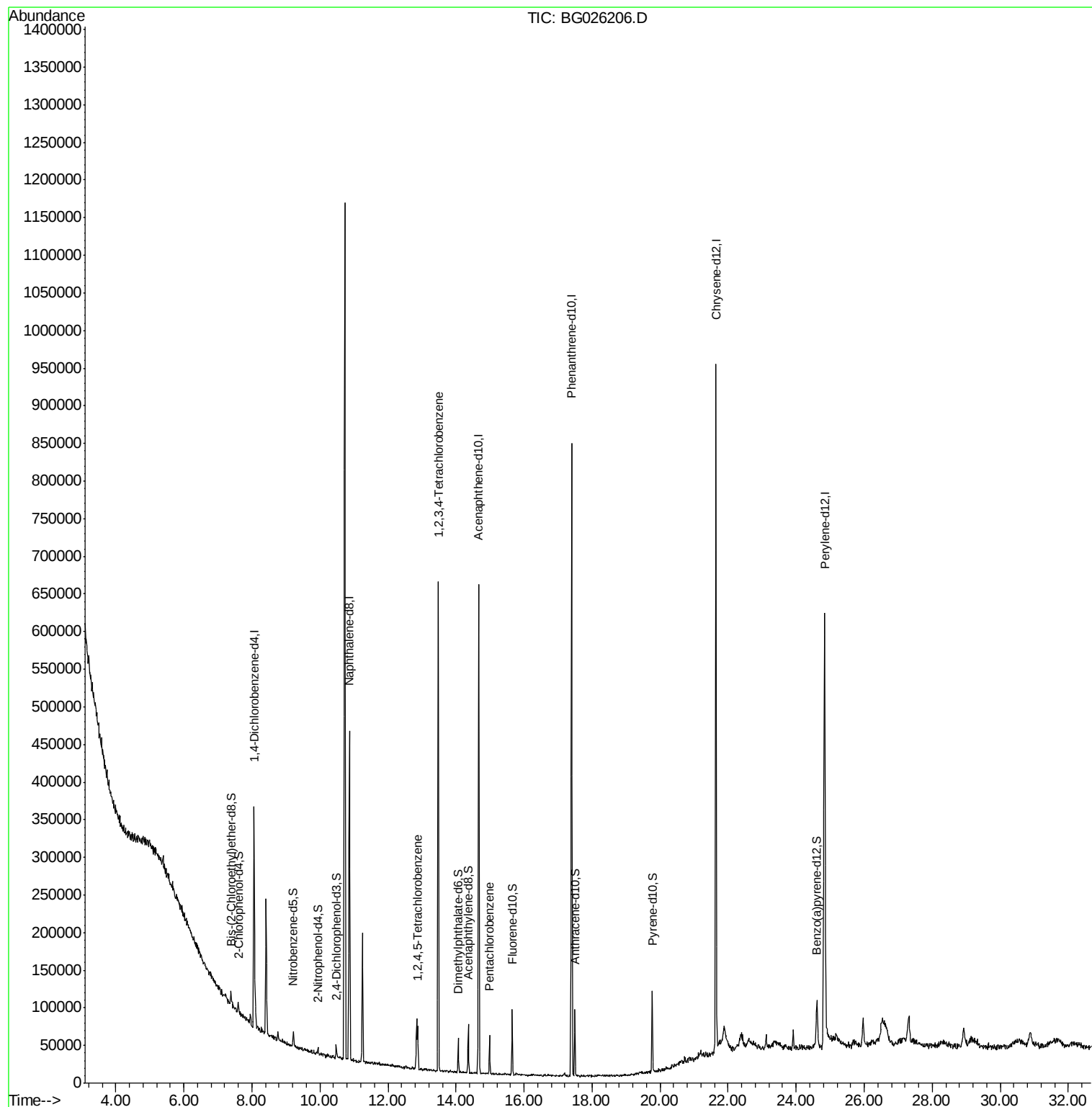
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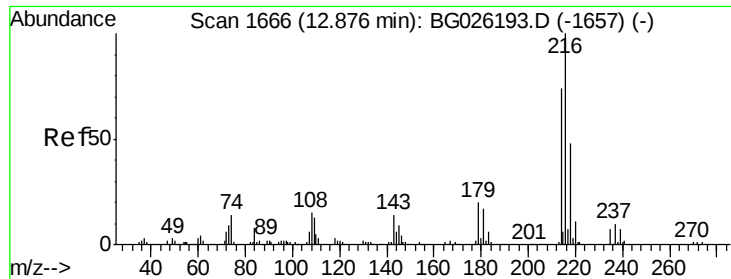
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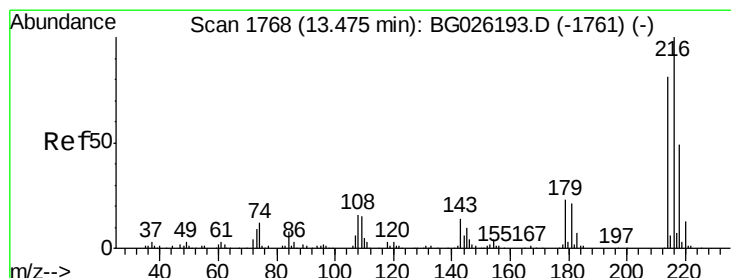
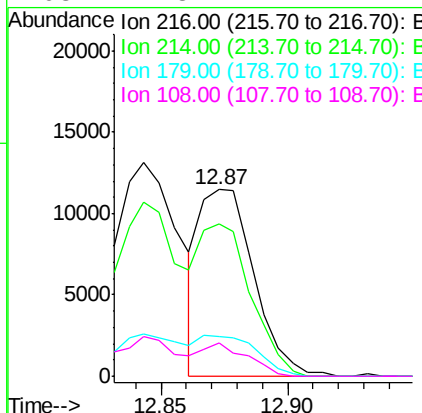
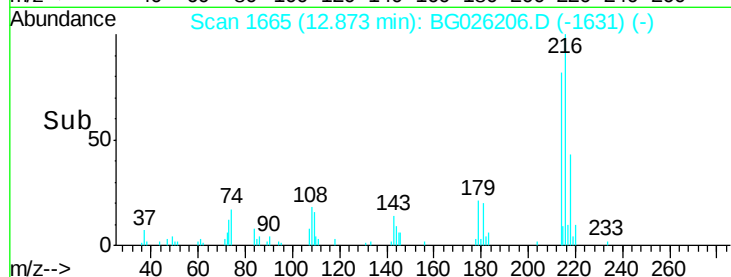
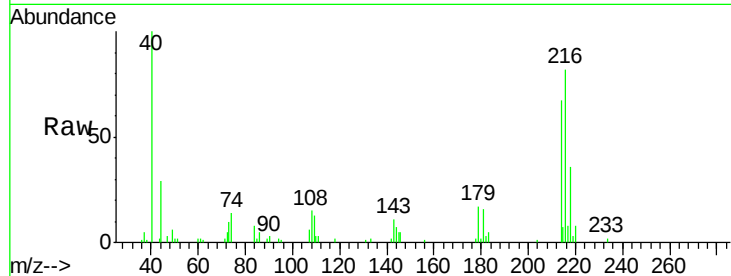
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.75 ng/uL
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG026206.D
 Acq: 11 Mar 2017 13:15

Instrument :
 BNA_G
 ClientSampleId :
 COBH0DL

Tgt Ion:	216	Resp:	16963
Ion Ratio	Lower	Upper	
216	100		
214	81.8	62.5	93.7
179	21.2	18.2	27.2
108	17.8	14.2	21.2

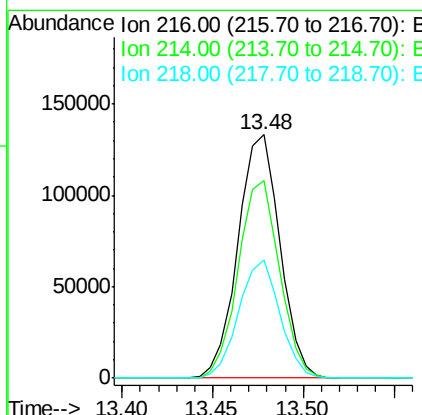
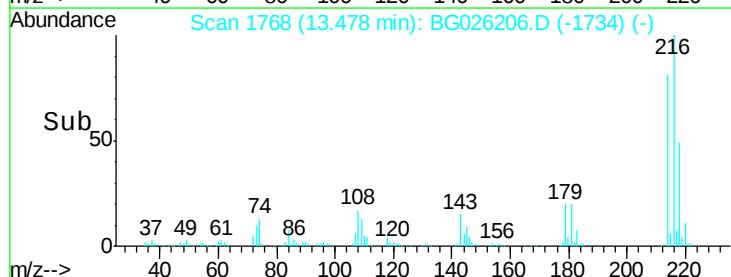
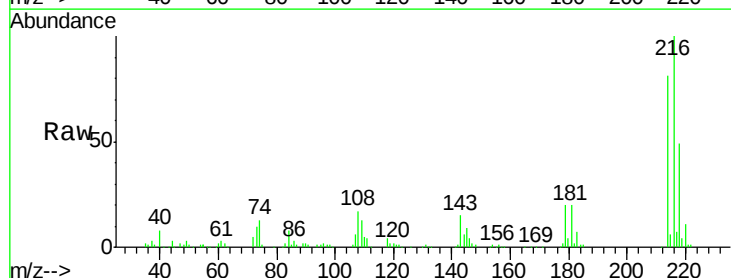
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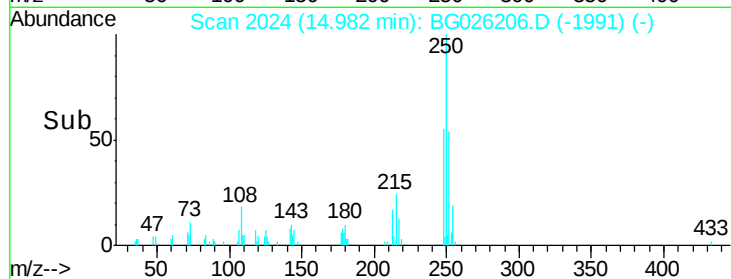
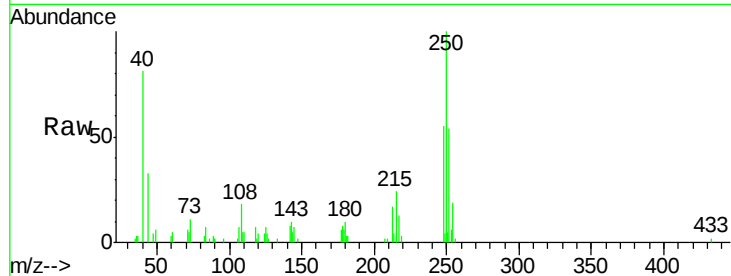
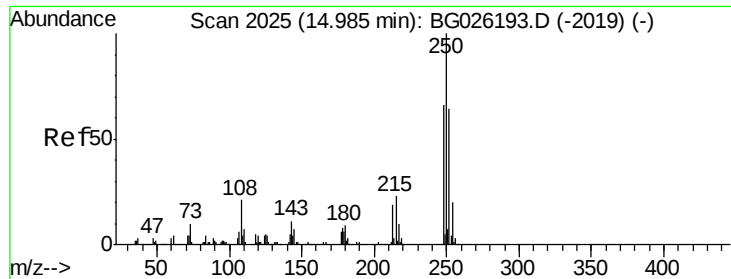
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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 35.17 ng/uL
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG026206.D
 Acq: 11 Mar 2017 13:15

Tgt Ion:	216	Resp:	214520
Ion Ratio	Lower	Upper	
216	100		
214	81.0	62.5	93.7
218	48.5	38.4	57.6





#73

Pentachlorobenzene

Concen: 2.38 ng/uL

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG026206.D

Acq: 11 Mar 2017 13:15

Tgt Ion:	250	Resp:	14879
Ion Ratio	Lower	Upper	
250	100		
248	55.4	50.6	75.8
252	54.2	51.4	77.0

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