

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011317\
 Data File : BG025514.D
 Acq On : 13 Jan 2017 16:58
 Operator : UM/SJ
 Sample : I1159-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

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 1/16/2017 8:29:54 AM

Quant Time: Jan 13 17:38:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 13 16:21:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58624	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	237020	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	187783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	442823	20.00	ng/ul	0.00
77) Chrysene-d12	21.86	240	678967	20.00	ng/ul	0.00
85) Perylene-d12	25.26	264	702318	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	1712m	1.58	ng/uL	0.00
5) Phenol-d5	7.37	99	17916	3.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.51	67	103625	34.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	73733	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	15438	4.05	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	59361	35.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	78355	39.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	99265	27.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	4389m	1.05	ng/ul	0.02
43) Dimethylphthalate-d6	14.22	166	492517	38.08	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	526956	37.02	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	11711m	6.52	ng/ul	0.03
57) Fluorene-d10	15.81	176	430362	35.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	107846	38.30	ng/ul	0.00
70) Anthracene-d10	17.67	188	678540	36.12	ng/ul	0.00
78) Pyrene-d10	19.95	212	1018922	38.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.02	264	1141482	39.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Nitrobenzene	9.42	77	182486	34.65	ng/ul#	82
23) 2-Nitrophenol	10.15	139	5385	2.58	ng/ul#	81
36) 1,2,4,5-Tetrachlorobenzene	13.04	216	8947	1.44	ng/ul#	81
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	63082	10.19	ng/uL	92

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

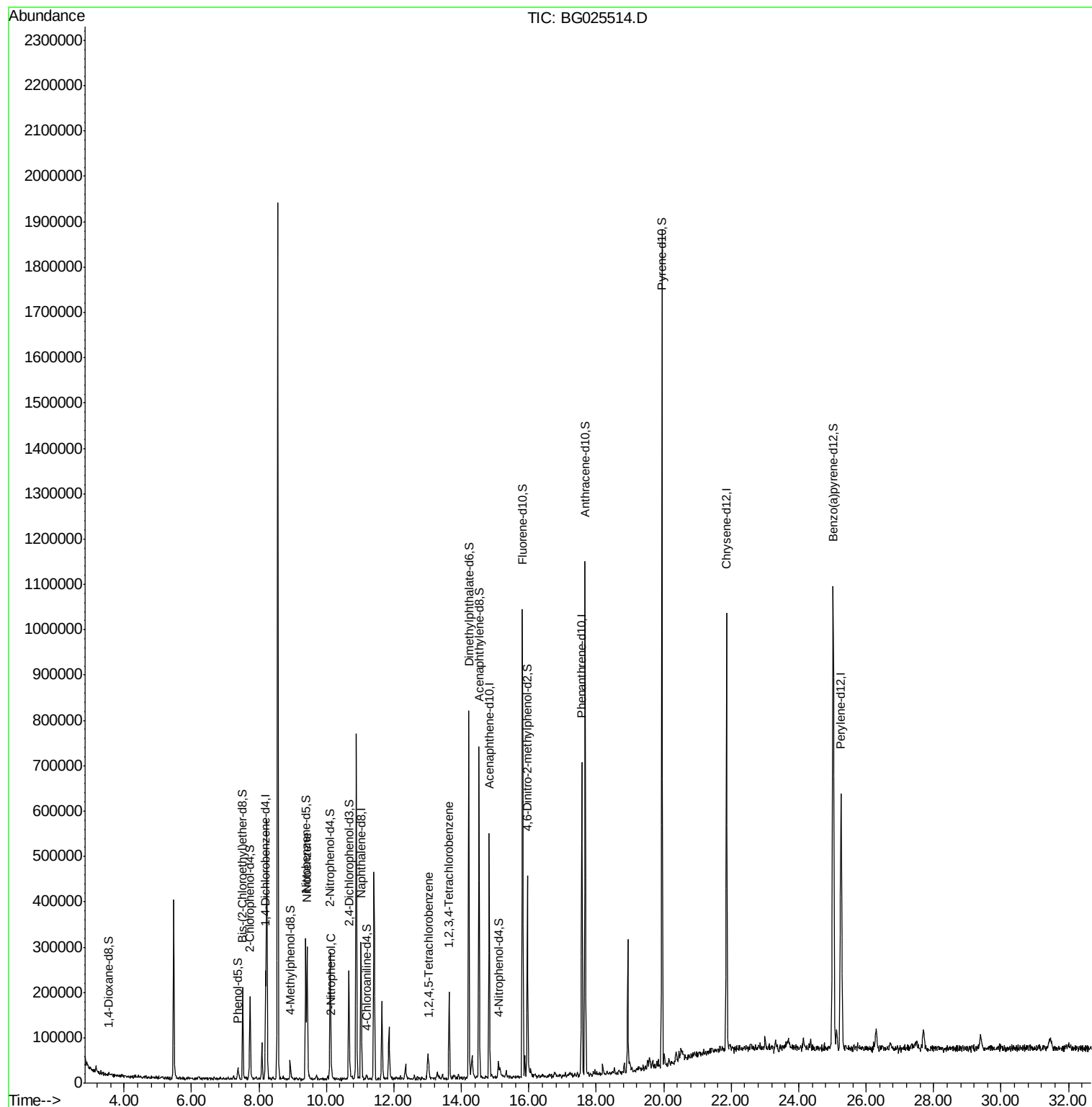
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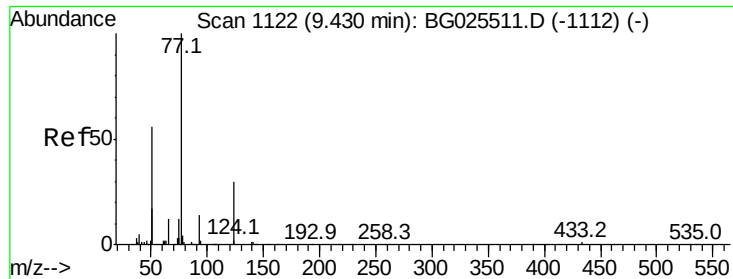
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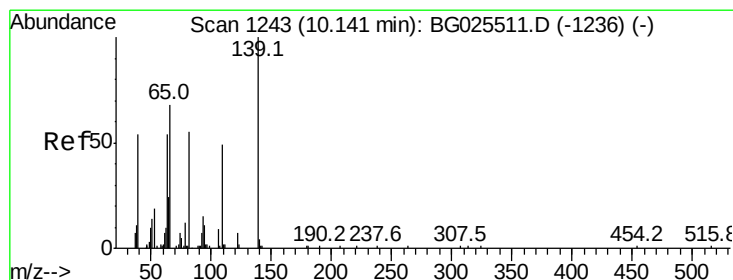
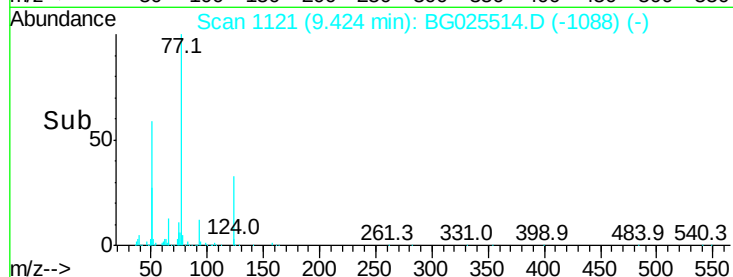
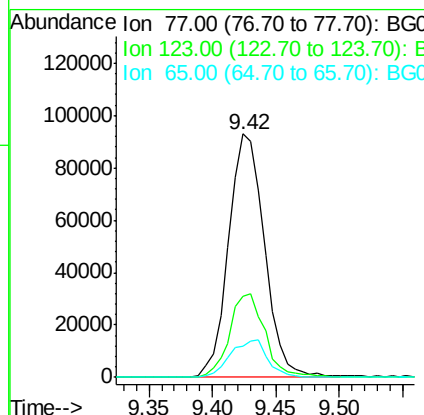
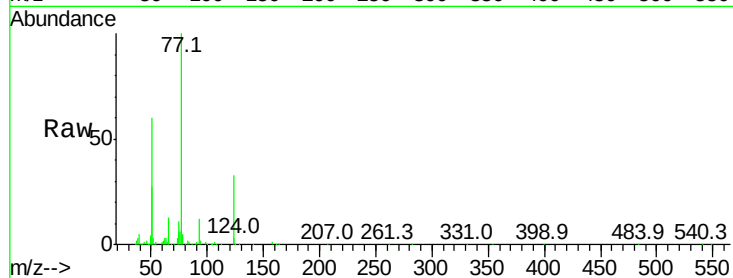
#20
Nitrobenzene
Concen: 34.65 ng/ul
RT: 9.42 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG025514.D
Acq: 13 Jan 2017 16:58

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tot Ion	Ratio	Lower	Upper
77	100		
123	33.4	39.0	58.4#
65	12.9	10.4	15.6

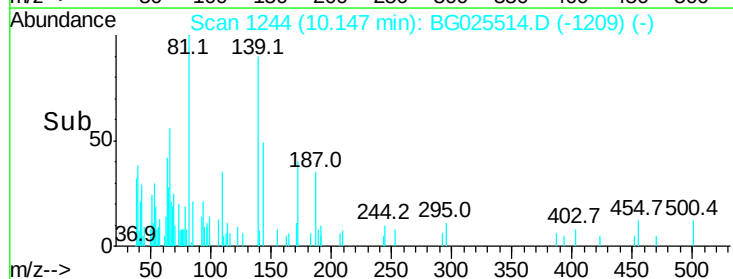
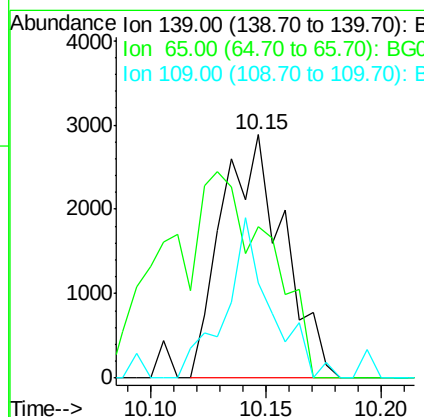
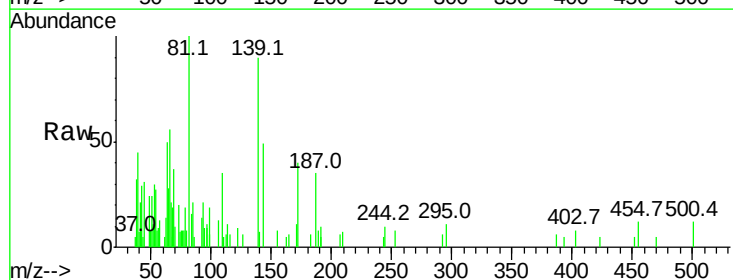
Manual Integrations
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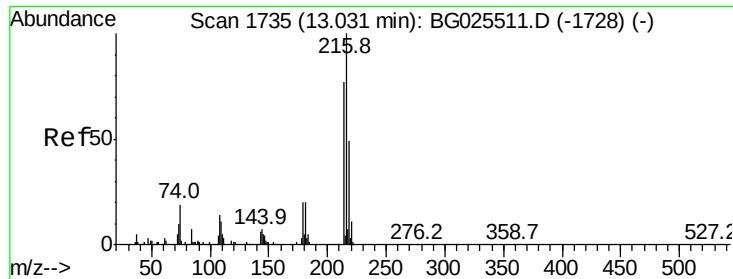
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#23
2-Nitrophenol
Concen: 2.58 ng/ul
RT: 10.15 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BG025514.D
Acq: 13 Jan 2017 16:58

Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.4	36.3	54.5#
109	38.9	26.4	39.6





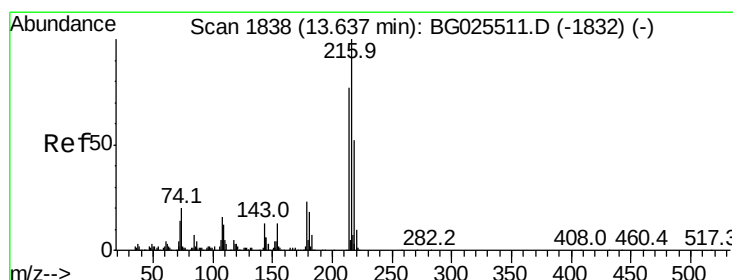
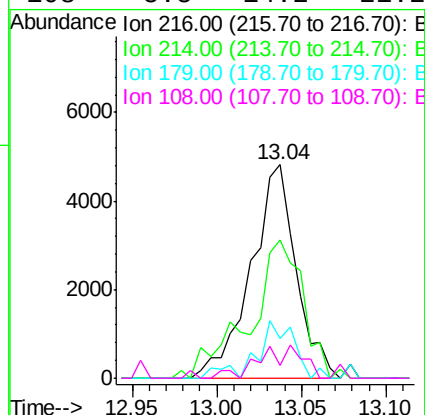
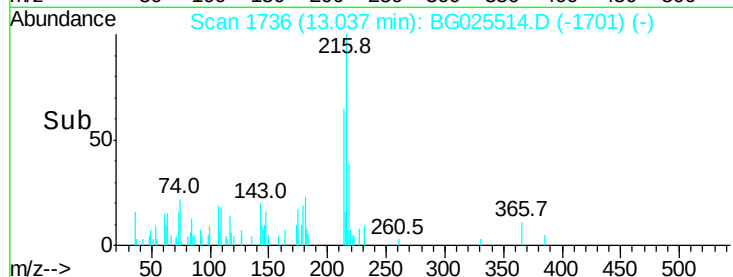
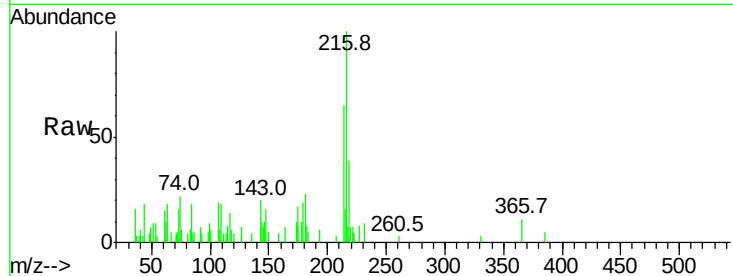
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.44 ng/ul
 RT: 13.04 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BG025514.D
 Acq: 13 Jan 2017 16:58

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Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	60.7	62.5	93.7#
179	17.6	18.2	27.2#
108	5.5	14.2	21.2#

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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 10.19 ng/uL
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG025514.D
 Acq: 13 Jan 2017 16:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	67.6	62.5	93.7
218	47.5	38.4	57.6

