

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040717\
 Data File : BG026598.D
 Acq On : 7 Apr 2017 14:41
 Operator : SJ/MA
 Sample : I2544-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BP7

Manual Integrations
 APPROVED

mohammad
 4/10/2017 2:06:54 PM

Quant Time: Apr 08 00:37:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 08 00:24:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	153256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	636136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	393395	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	947809	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1166879	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1122279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	16988	5.30	ng/uL	0.00
5) Phenol-d5	7.20	99	69905	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	219121	34.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	254811	25.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	81112	8.92	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	169283	37.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	206728	38.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	286924	29.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	31563	3.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1149640	37.74	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1308156	34.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	40856m	6.89	ng/ul	0.02
57) Fluorene-d10	15.63	176	1016152	36.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	229029	37.58	ng/ul	0.00
70) Anthracene-d10	17.48	188	1363247	31.67	ng/ul	0.00
78) Pyrene-d10	19.76	212	1753877	33.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1828404	37.92	ng/ul	0.00

Target Compounds						Qvalue
20) Nitrobenzene	9.24	77	1337319	148.06	ng/ul	90
23) 2-Nitrophenol	9.95	139	25058	4.47	ng/ul#	84
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	44174	3.57	ng/ul#	91
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	348374	27.90	ng/uL	97

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

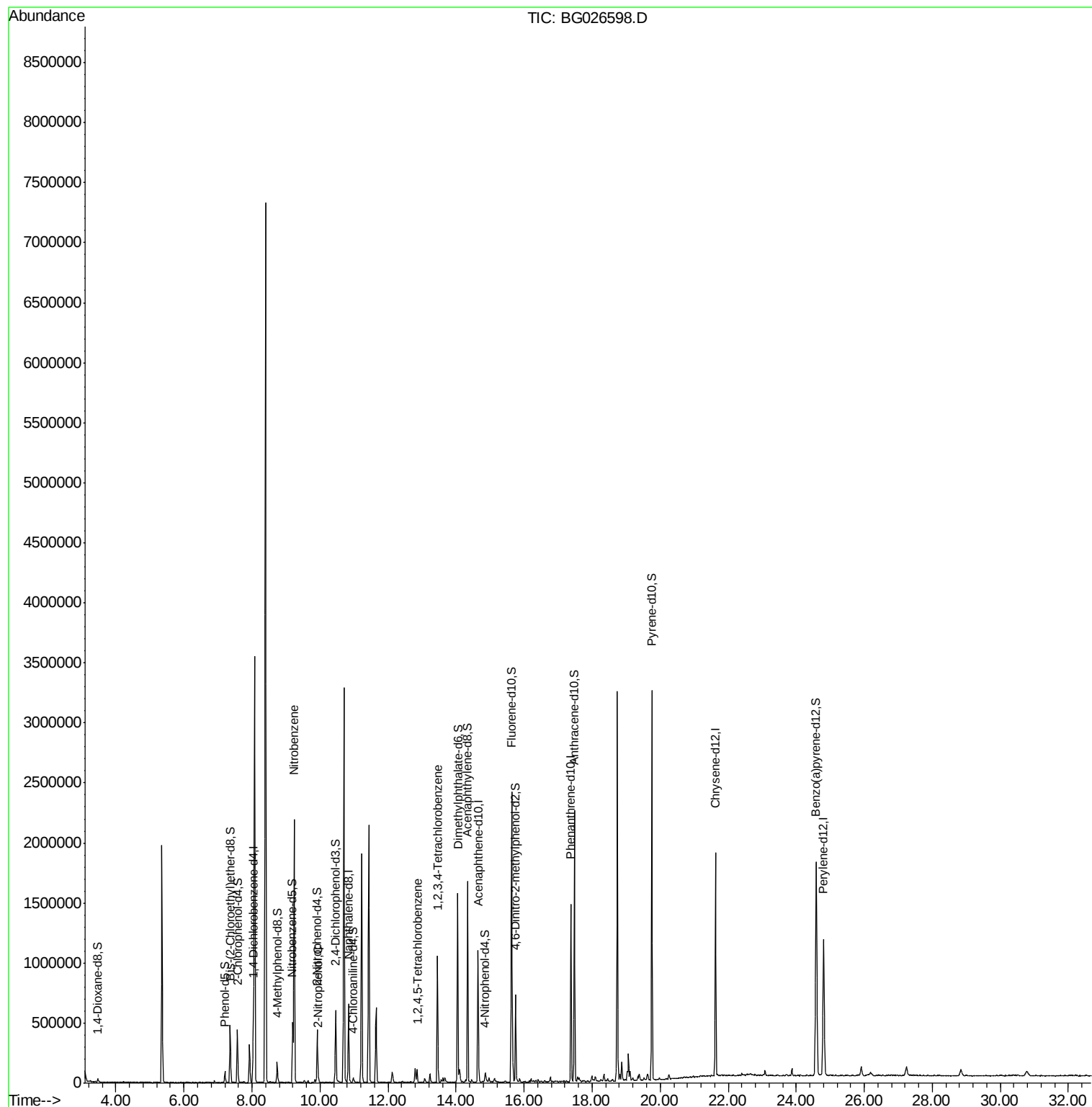
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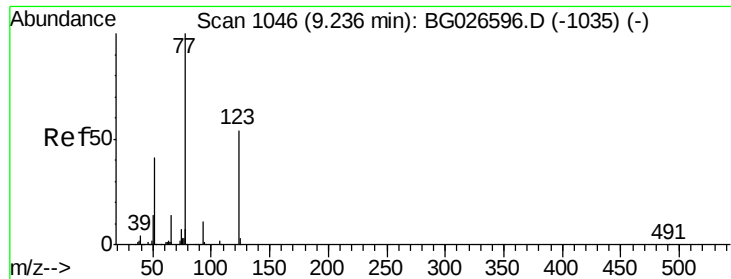
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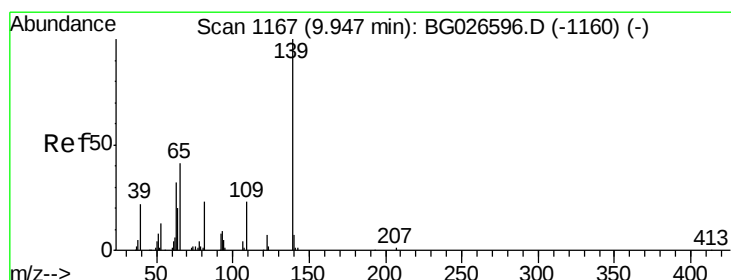
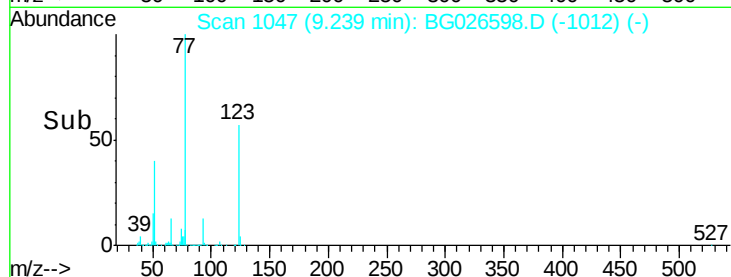
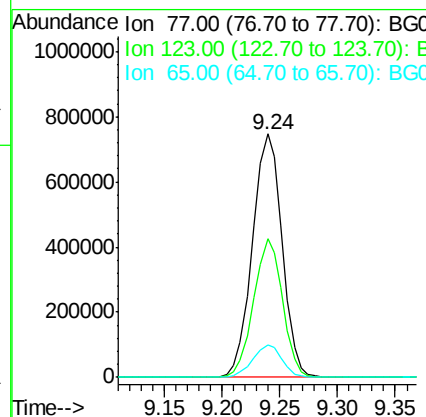
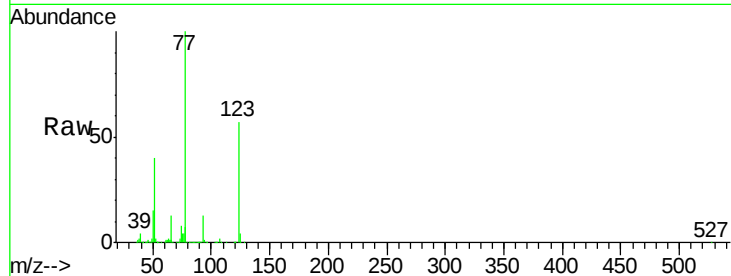
#20
Nitrobenzene
Concen: 148.06 ng/ul
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG026598.D
Acq: 7 Apr 2017 14:41

Instrument :
BNA_G
ClientSampled :
C0BP7

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.9	39.0	58.4
65	13.5	10.4	15.6

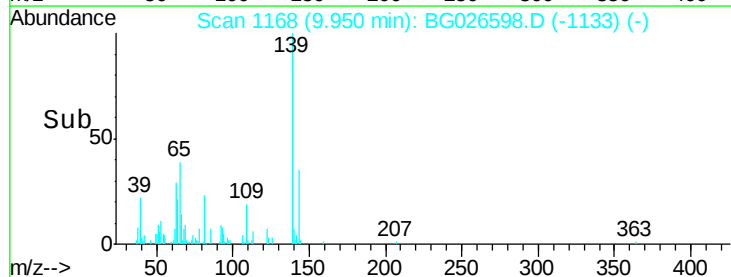
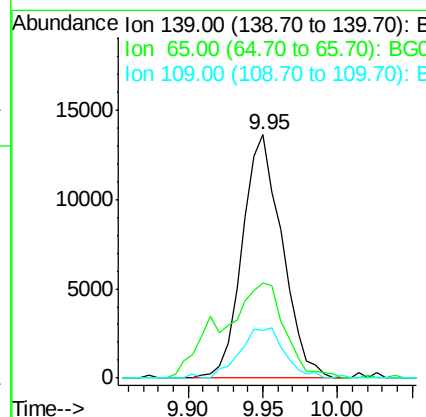
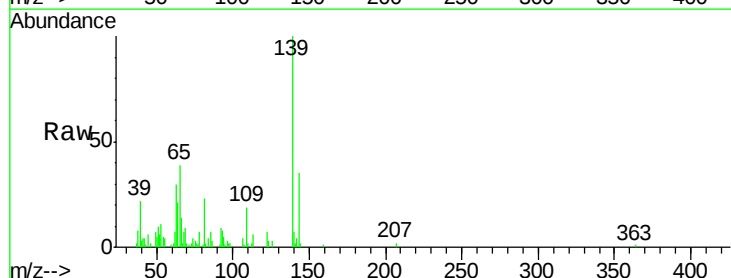
Manual Integrations
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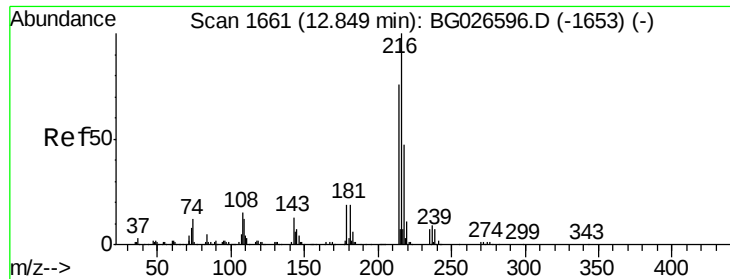
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#23
2-Nitrophenol
Concen: 4.47 ng/ul
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG026598.D
Acq: 7 Apr 2017 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
65	39.1	36.3	54.5
109	19.4	26.4	39.6





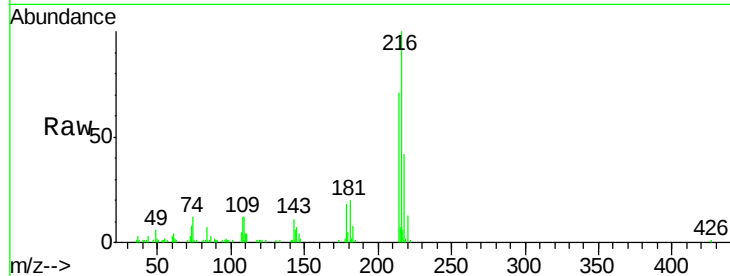
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.57 ng/ul
 RT: 12.85 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BG026598.D
 Acq: 7 Apr 2017 14:41

Instrument :
 BNA_G
 ClientSampleId :
 C0BP7

Tgt Ion	Ratio	Lower	Upper
216	100		
214	70.7	62.5	93.7
179	18.2	18.2	27.2
108	12.3	14.2	21.2

Manual Integrations
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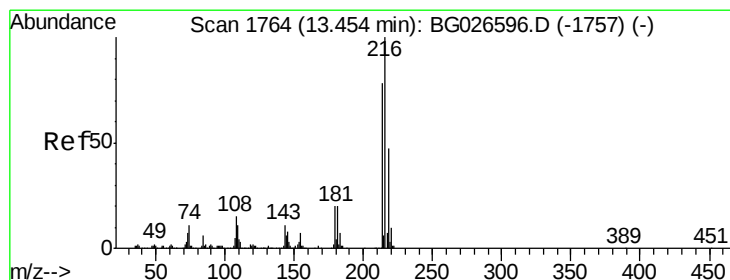
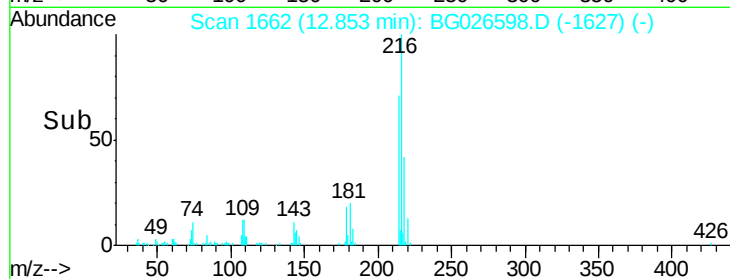
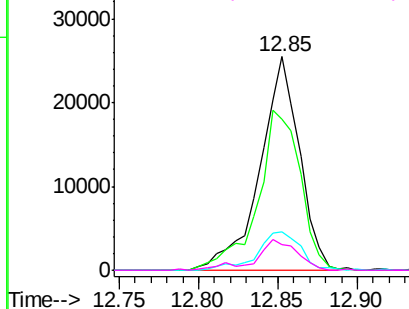
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

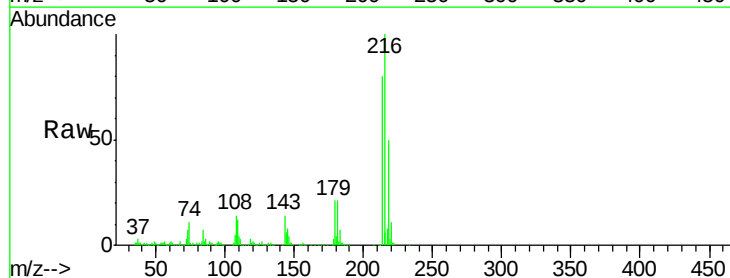
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 27.90 ng/uL
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG026598.D
 Acq: 7 Apr 2017 14:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.5	93.7
218	49.6	38.4	57.6



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

