

Data File : BG026806.D
Acq On : 1 May 2017 14:39
Operator : SJ/MA
Sample : I2850-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT80

Quant Time: May 02 01:50:09 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 01:49:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	154991	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	782032	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	446726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	824752	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	741215	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	761596	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	19725	5.73	ng/uL	0.00
5) Phenol-d5	7.19	99	465665	33.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	277208	34.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	383096	32.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	401747	34.99	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	210751	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	238166	33.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	375034	33.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	568227	37.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1151872	32.03	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1477877	32.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	149414	23.05	ng/ul	0.00
57) Fluorene-d10	15.61	176	980983	31.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	133997	26.76	ng/ul	0.00
70) Anthracene-d10	17.46	188	1329107	33.21	ng/ul	0.00
76) Pyrene-d10	19.74	212	1272441	32.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	1228491	34.12	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	7.21	94	29552	2.11	ng/ul#	85
16) 4-Methylphenol	8.78	108	58574	4.83	ng/ul	85
44) Dimethylphthalate	14.07	163	160602	4.56	ng/ul	97

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

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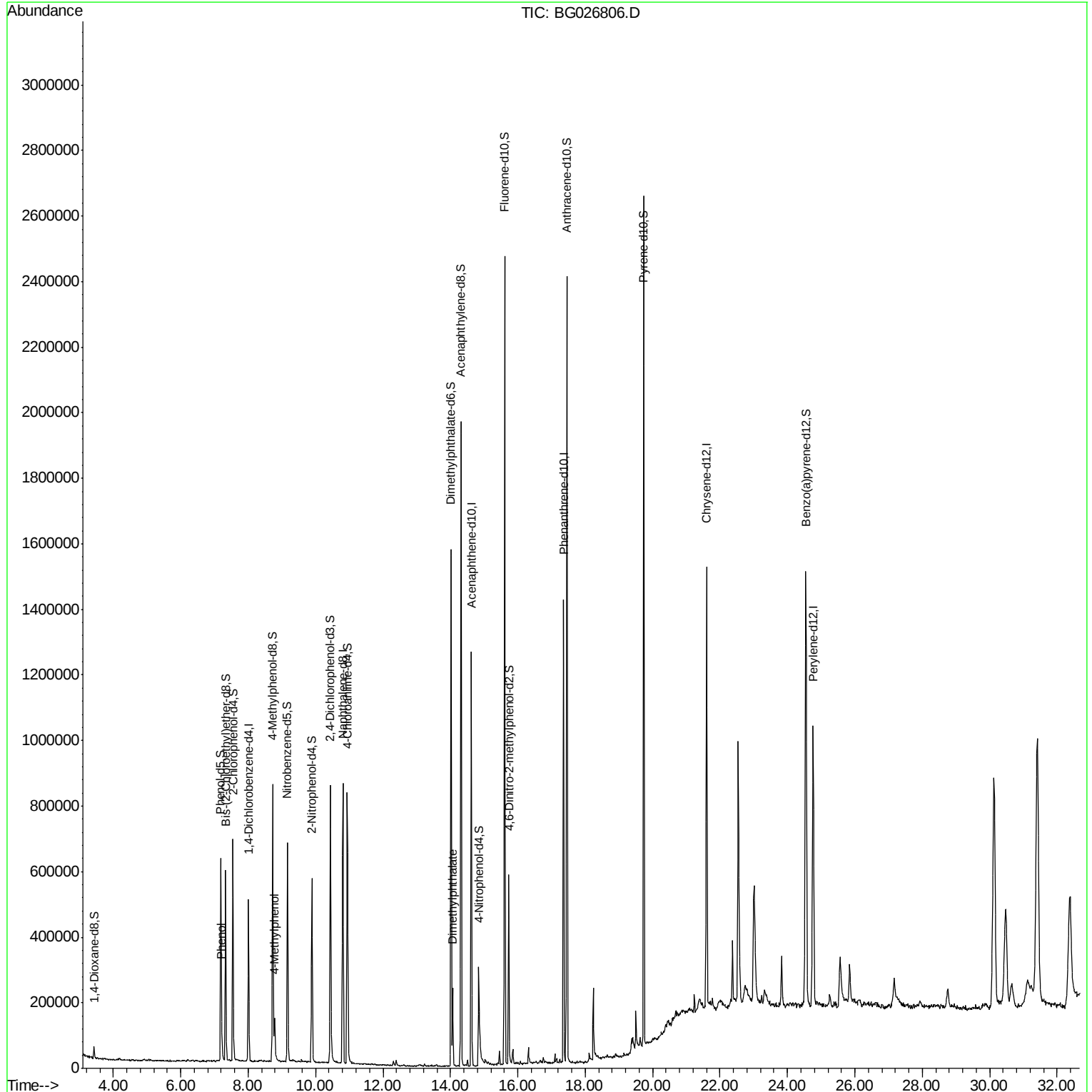
Quant Time: May 02 01:50:09 2017

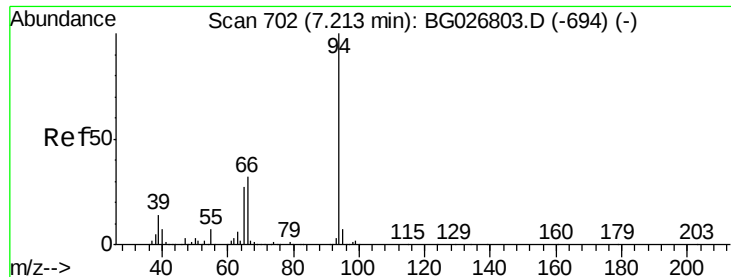
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

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#6

Phenol

Concen: 2.11 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

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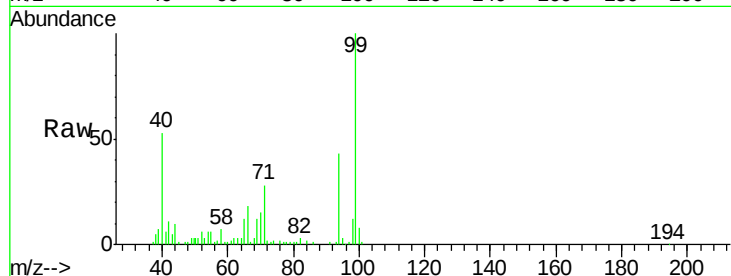
Tgt Ion: 94 Resp: 29552

Ion Ratio Lower Upper

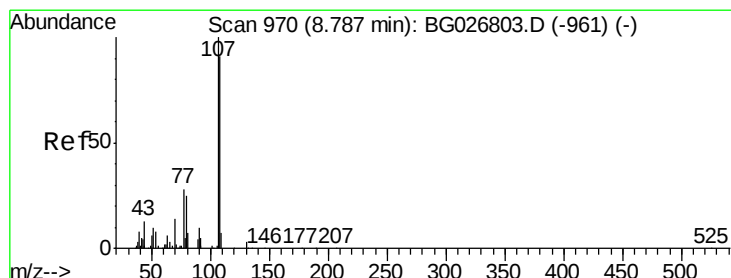
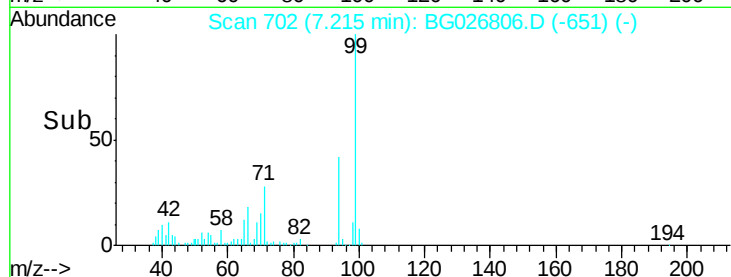
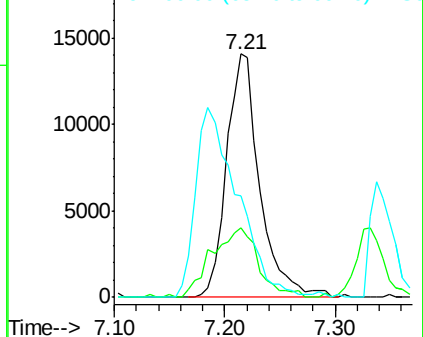
94 100

65 28.8 26.8 40.2

66 41.5 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#16

4-Methylphenol

Concen: 4.83 ng/ul

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

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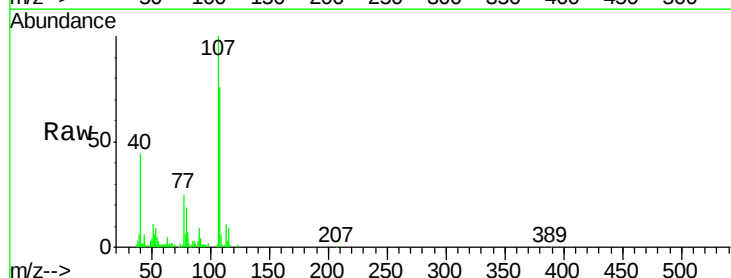
Acq: 1 May 2017 14:39

Tgt Ion: 108 Resp: 58574

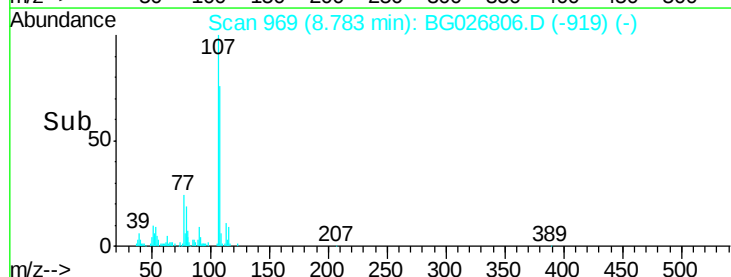
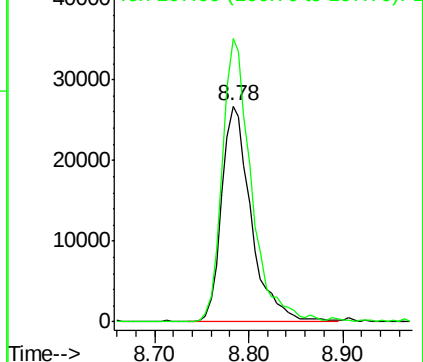
Ion Ratio Lower Upper

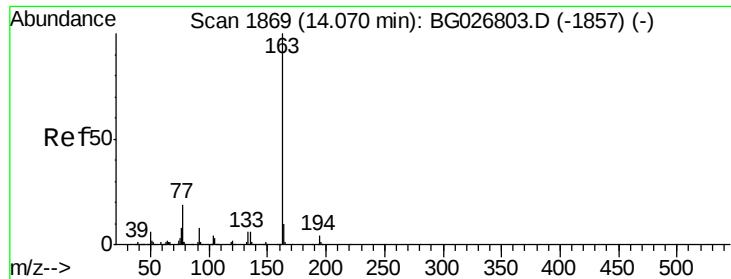
108 100

107 131.0 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC





#44

Dimethylphthalate

Concen: 4.56 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

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Tgt Ion:163 Resp: 160602

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 10.1 9.0 13.4

