

Data File : BG030742.D
Acq On : 5 Nov 2017 17:29
Operator : SJ/JU
Sample : I6107-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0EB7

Quant Time: Nov 06 00:54:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 00:53:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	68106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	303836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	201089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	522728	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	690035	20.00	ng/ul	-0.02
83) Perylene-d12	25.08	264	690920	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	10529	6.28	ng/uL	0.00
5) Phenol-d5	7.31	99	186065	28.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	116605	28.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	153283	33.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	156040	29.56	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	77284	35.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	88977	39.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	158307	31.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	228522	38.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	629376	36.61	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	720838	34.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	97046	30.58	ng/ul	0.00
57) Fluorene-d10	15.76	176	556778	39.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	104577	40.99	ng/ul	0.00
70) Anthracene-d10	17.60	188	930401	37.63	ng/ul	0.00
76) Pyrene-d10	19.88	212	1202479	33.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.85	264	1321417	40.38	ng/ul	-0.02

Target Compounds				Qvalue		
6) Phenol	7.33	94	22329	3.30	ng/ul	91
44) Dimethylphthalate	14.21	163	319406	19.05	ng/ul	99
45) 2,6-Dinitrotoluene	14.21	165	3909	1.33	ng/ul#	46

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

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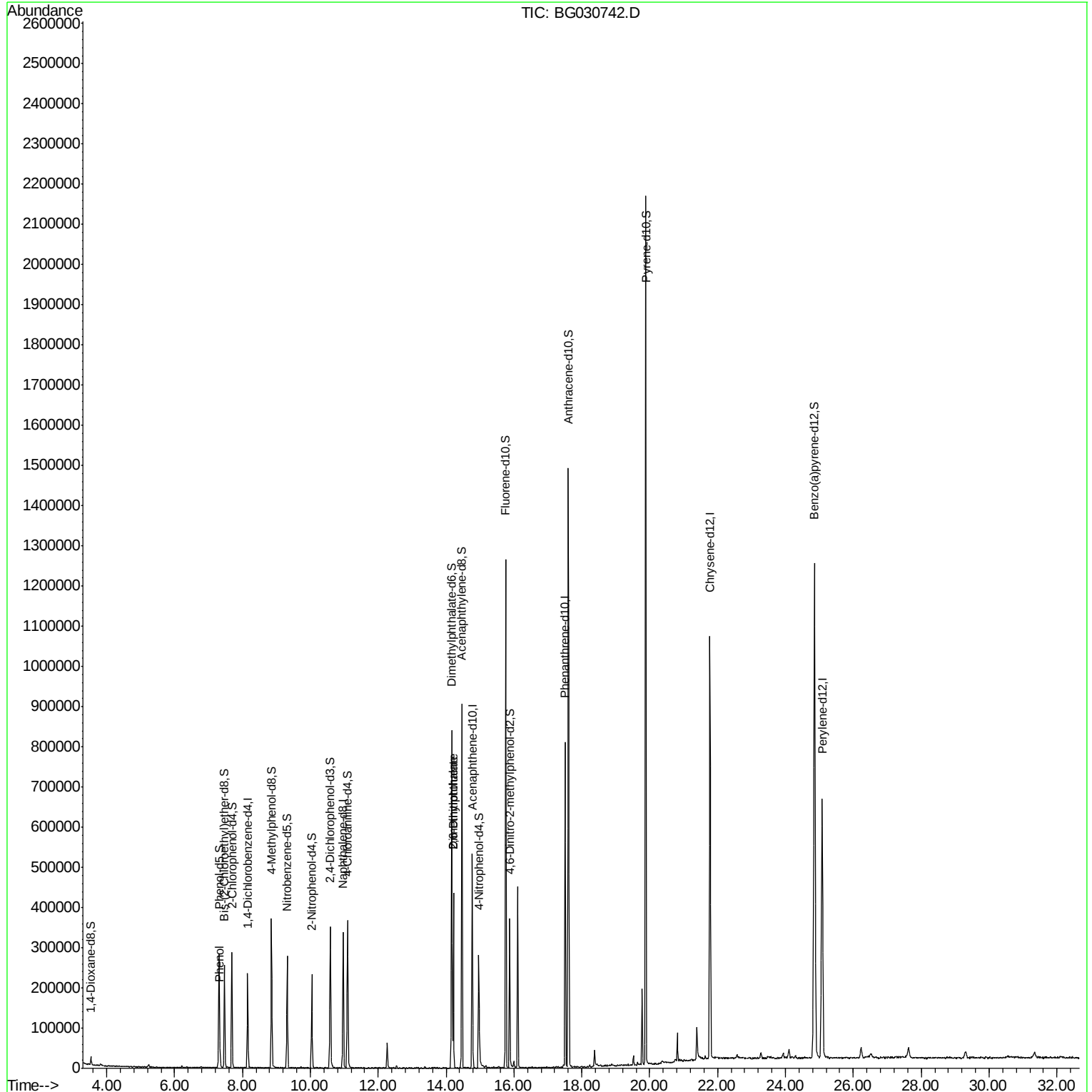
Quant Time: Nov 06 00:54:22 2017

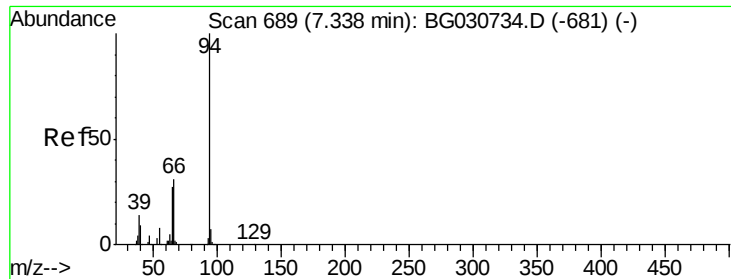
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M

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#6

Phenol

Concen: 3.30 ng/ul

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

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B0EB7

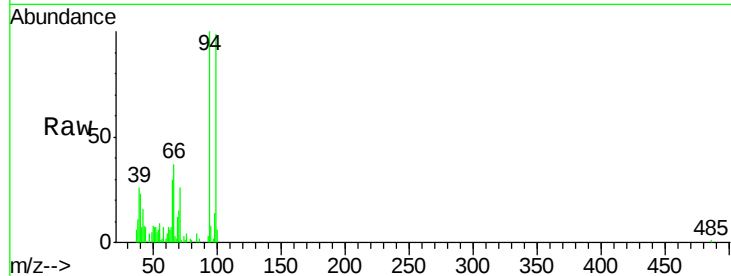
Tgt Ion: 94 Resp: 22329

Ion Ratio Lower Upper

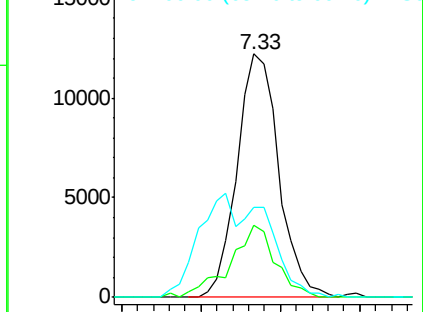
94 100

65 29.7 27.1 40.7

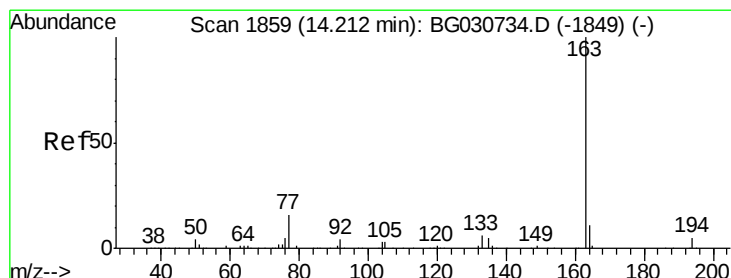
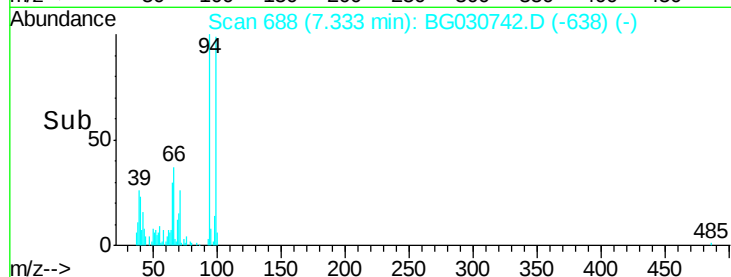
66 36.9 34.6 52.0



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



Time--> 7.25 7.30 7.35 7.40



#44

Dimethylphthalate

Concen: 19.05 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

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Acq: 5 Nov 2017 17:29

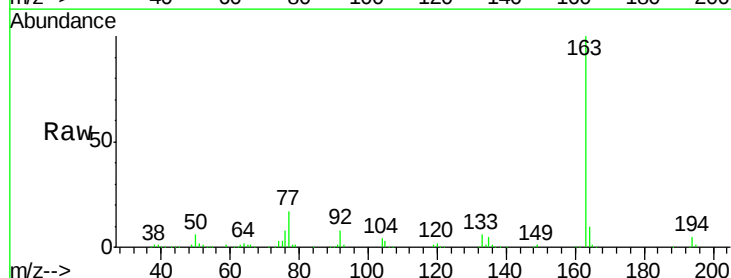
Tgt Ion:163 Resp: 319406

Ion Ratio Lower Upper

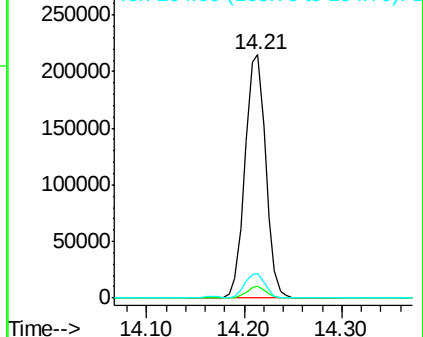
163 100

194 4.7 3.5 5.3

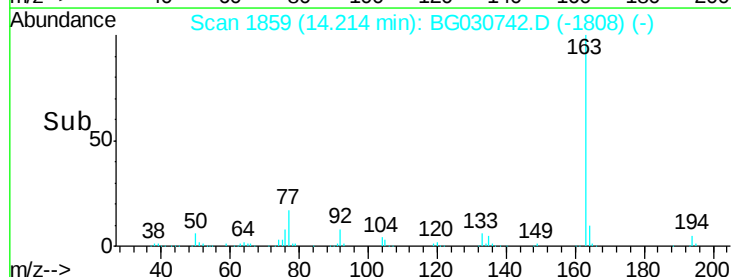
164 10.1 7.6 11.4

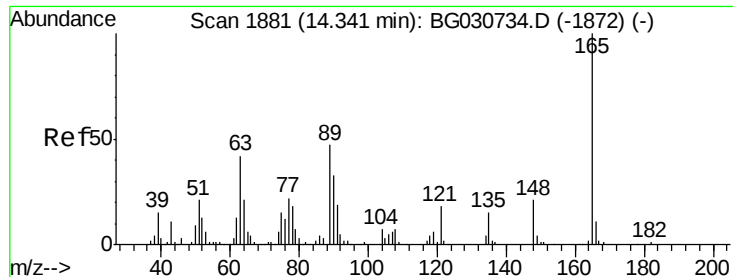


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 14.10 14.20 14.30





#45

2,6-Dinitrotoluene

Concen: 1.33 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.13 min

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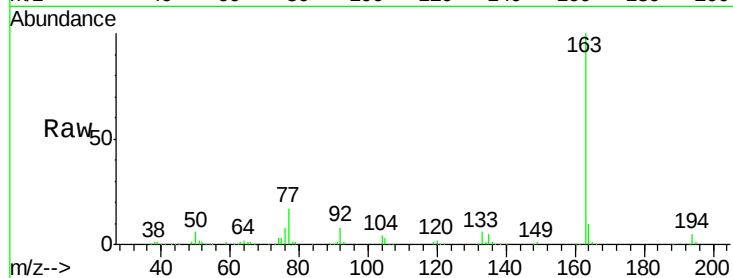
Tgt Ion:165 Resp: 3909

Ion Ratio Lower Upper

165 100

89 9.8 51.1 76.7#

121 25.6 17.2 25.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E

