

Data File : BG042138.D
Acq On : 12 Aug 2019 10:02
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA7

Quant Time: Aug 13 04:48:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	73490	20.00	ng/ul	0.01
18) Naphthalene-d8	10.86	136	298477	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.69	164	206610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	439452	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	437187	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	495938	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7146	4.25	ng/uL	0.00
5) Phenol-d5	7.19	99	33000	5.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	69014	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	104527	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63547	13.12	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	61968	27.58	ng/ul	0.01
22) 2-Nitrophenol-d4	9.93	143	76803	29.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	141615	26.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	374	0.06	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	473978	29.58	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	521935	28.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	12560	4.67	ng/ul	0.01
57) Fluorene-d10	15.68	176	412899	28.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	74144	26.30	ng/ul	0.00
70) Anthracene-d10	17.54	188	640330	30.37	ng/ul	0.00
78) Pyrene-d10	19.83	212	741130	30.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	804483	31.05	ng/ul	0.00

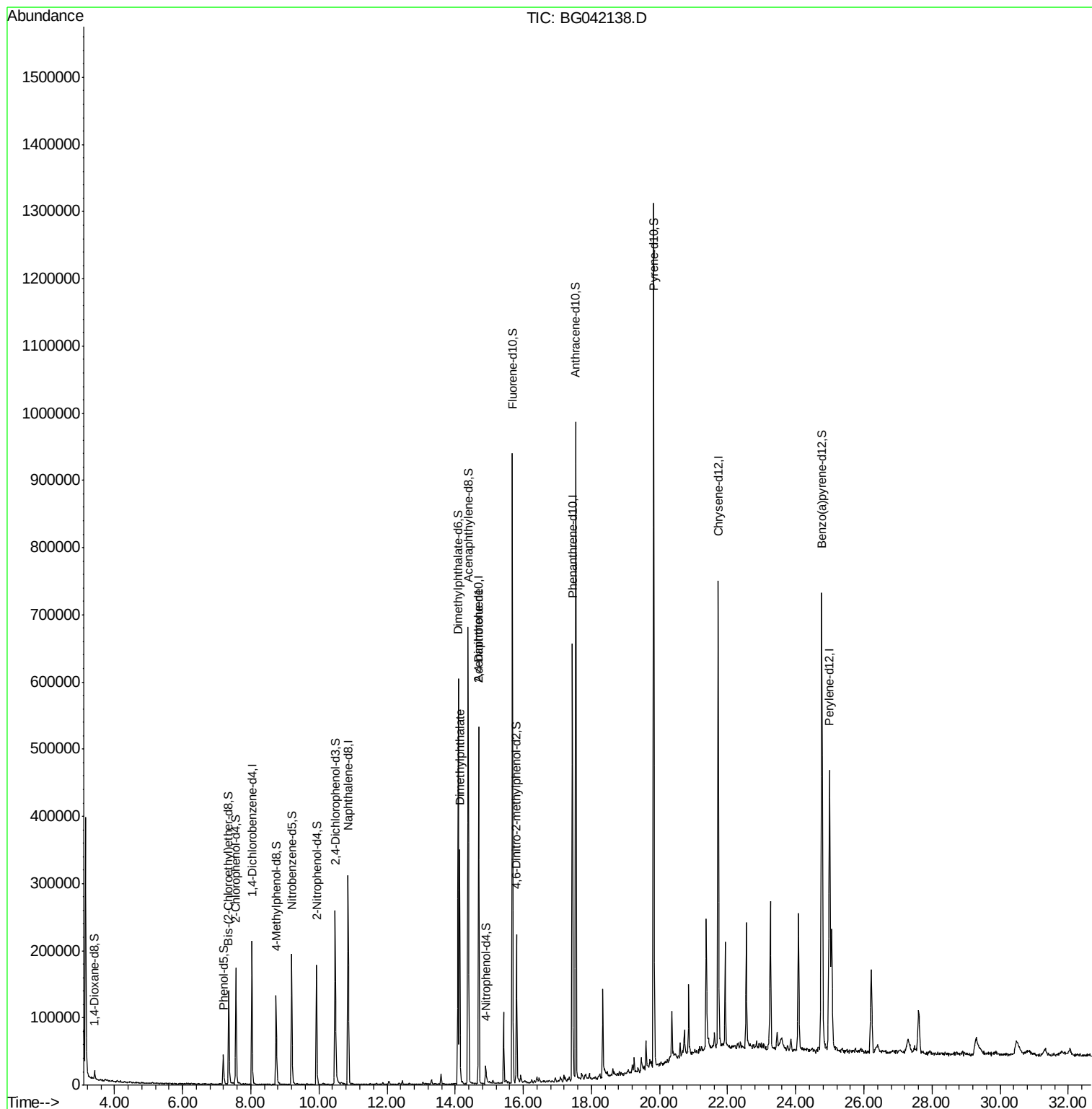
Target Compounds				Qvalue		
44) Dimethylphthalate	14.14	163	264226	16.607	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	27248	5.415	ng/ul#	42

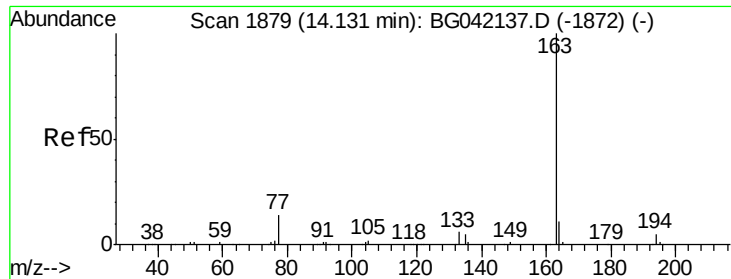
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 16.607 ng/ul

RT: 14.14 min Scan# 1880

Delta R.T. 0.00 min

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Acq: 12 Aug 2019 10:02

Instrument :

BNA_G

ClientSampleId :

C0AA7

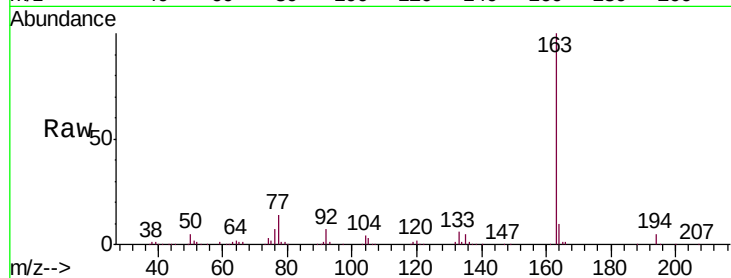
Tgt Ion:163 Resp: 264226

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

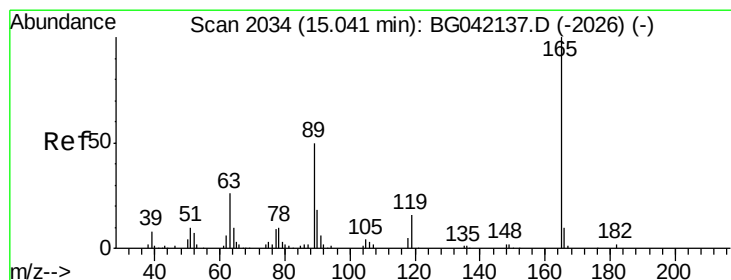
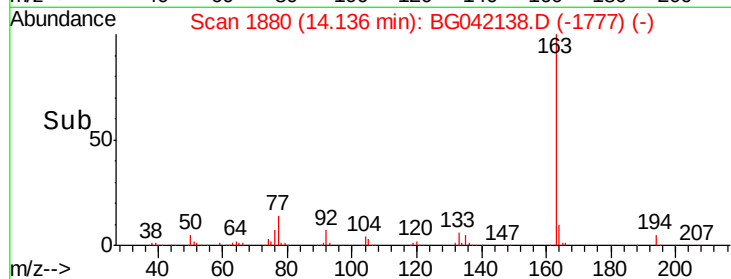
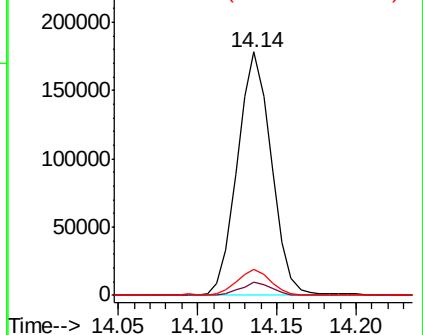
164 10.4 7.8 11.8



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



#54

2,4-Dinitrotoluene

Concen: 5.415 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.35 min

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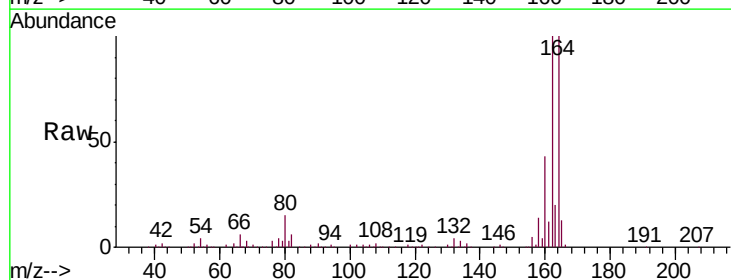
Tgt Ion:165 Resp: 27248

Ion Ratio Lower Upper

165 100

63 0.0 29.4 44.2#

182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

