

Data File : BG042016.D
Acq On : 7 Aug 2019 3:25
Operator : HP/JU
Sample : K4029-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ9

Quant Time: Aug 07 07:26:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	62100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	256552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	202172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	498032	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	512470	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	587818	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2197	1.55	ng/uL	0.00
5) Phenol-d5	7.18	99	45433	9.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	23014	8.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	40586	9.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	35880	8.77	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	19649	10.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	23852	10.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	43066	9.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	49441	9.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	188256	12.01	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	207486	11.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	14035	5.33	ng/ul	0.00
57) Fluorene-d10	15.68	176	167501	12.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	21550	6.74	ng/ul	0.00
70) Anthracene-d10	17.54	188	291521	12.20	ng/ul	0.00
78) Pyrene-d10	19.82	212	353134	12.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	369197	12.02	ng/ul	0.00

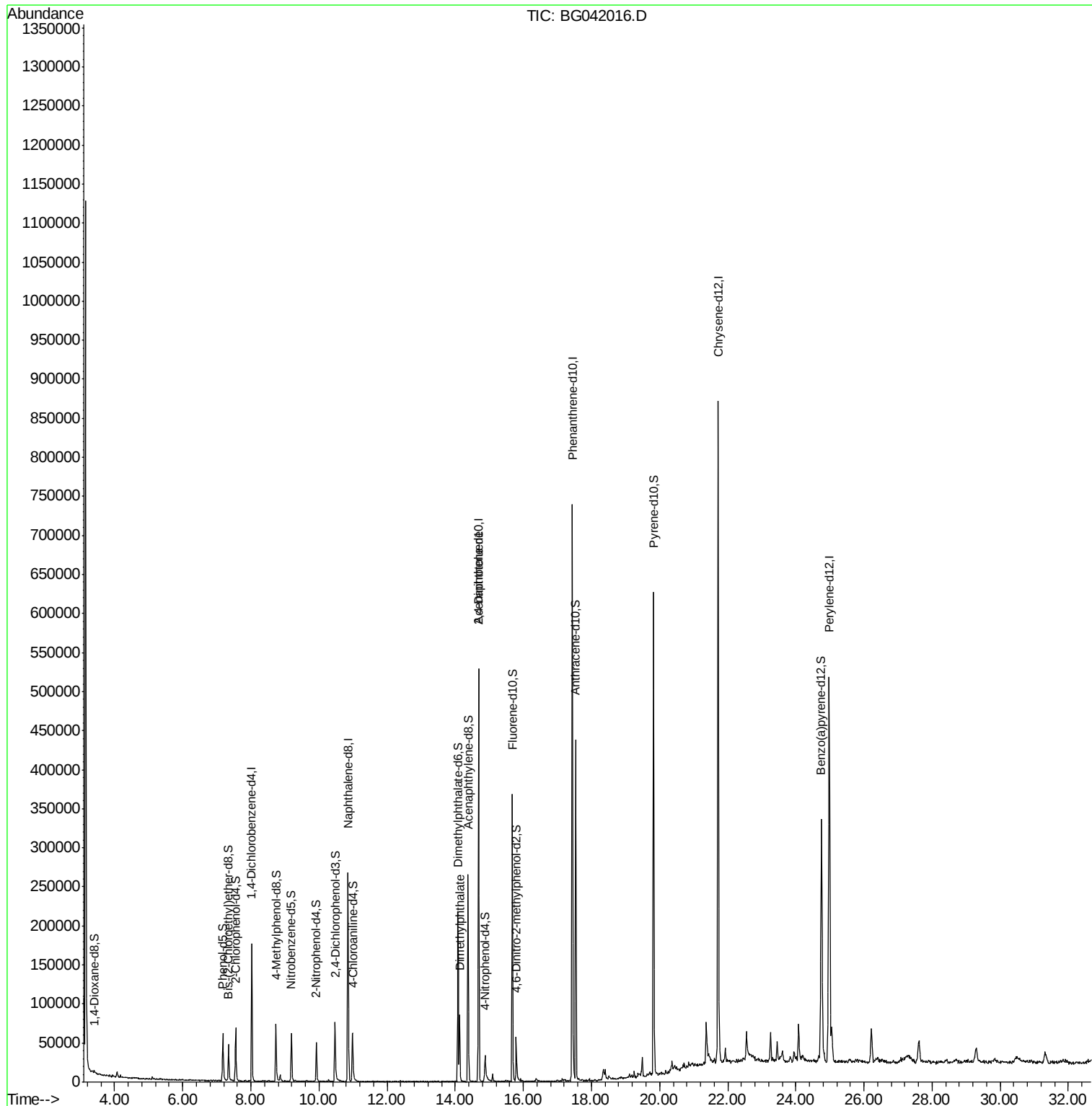
Target Compounds					Qvalue
44) Dimethylphthalate	14.13	163	67007	4.304 ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	26970	5.478 ng/ul#	42

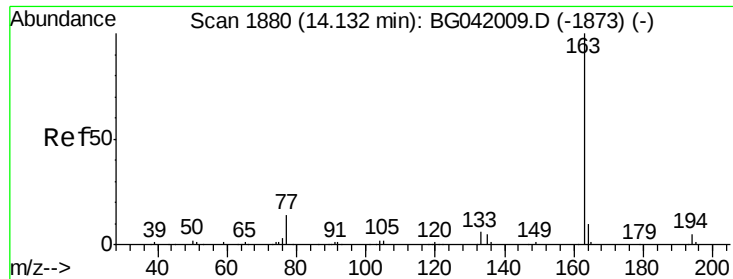
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.304 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

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Acq: 7 Aug 2019 3:25

Instrument :

BNA_G

ClientSampleId :

BENQ9

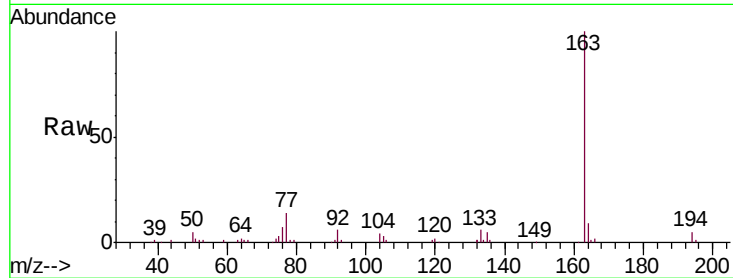
Tgt Ion:163 Resp: 67007

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

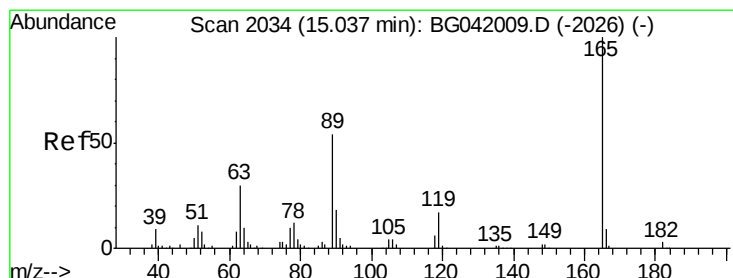
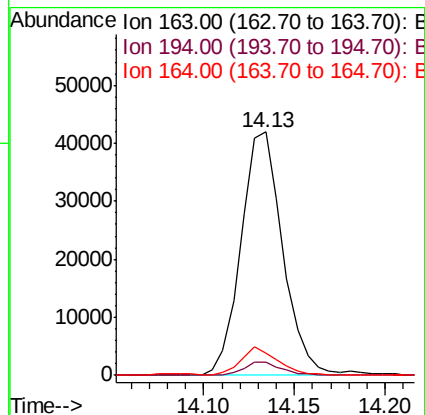
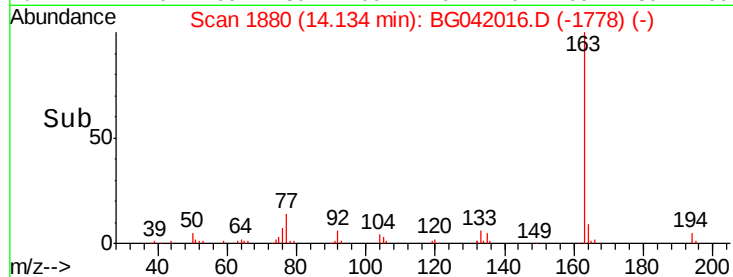
164 8.9 7.8 11.8



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: 5.478 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.35 min

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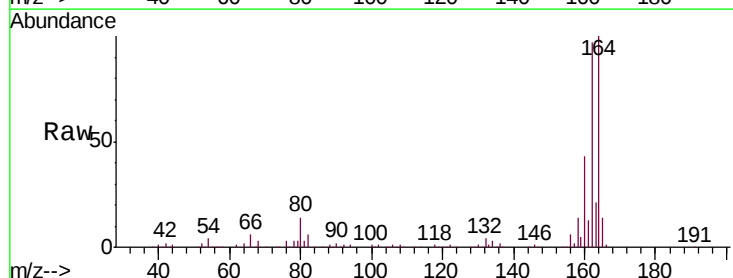
Tgt Ion:165 Resp: 26970

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

