

Data File : BG042007.D
Acq On : 6 Aug 2019 21:00
Operator : HP/JU
Sample : PB121848BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK48

Quant Time: Aug 07 01:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:34:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	60517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	260080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	203346	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	494404	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	513229	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	588023	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8091	5.85	ng/uL	0.00
5) Phenol-d5	7.17	99	143659	30.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	78630	29.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	131595	32.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	124305	31.18	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	66757	34.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	83072	36.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	142705	31.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	197660	38.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	578602	36.69	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	615110	34.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	84706	31.99	ng/ul	0.00
57) Fluorene-d10	15.68	176	493608	35.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	87557	27.60	ng/ul	0.00
70) Anthracene-d10	17.54	188	836576	35.27	ng/ul	0.00
78) Pyrene-d10	19.82	212	983889	34.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	1084859	35.32	ng/ul	0.00

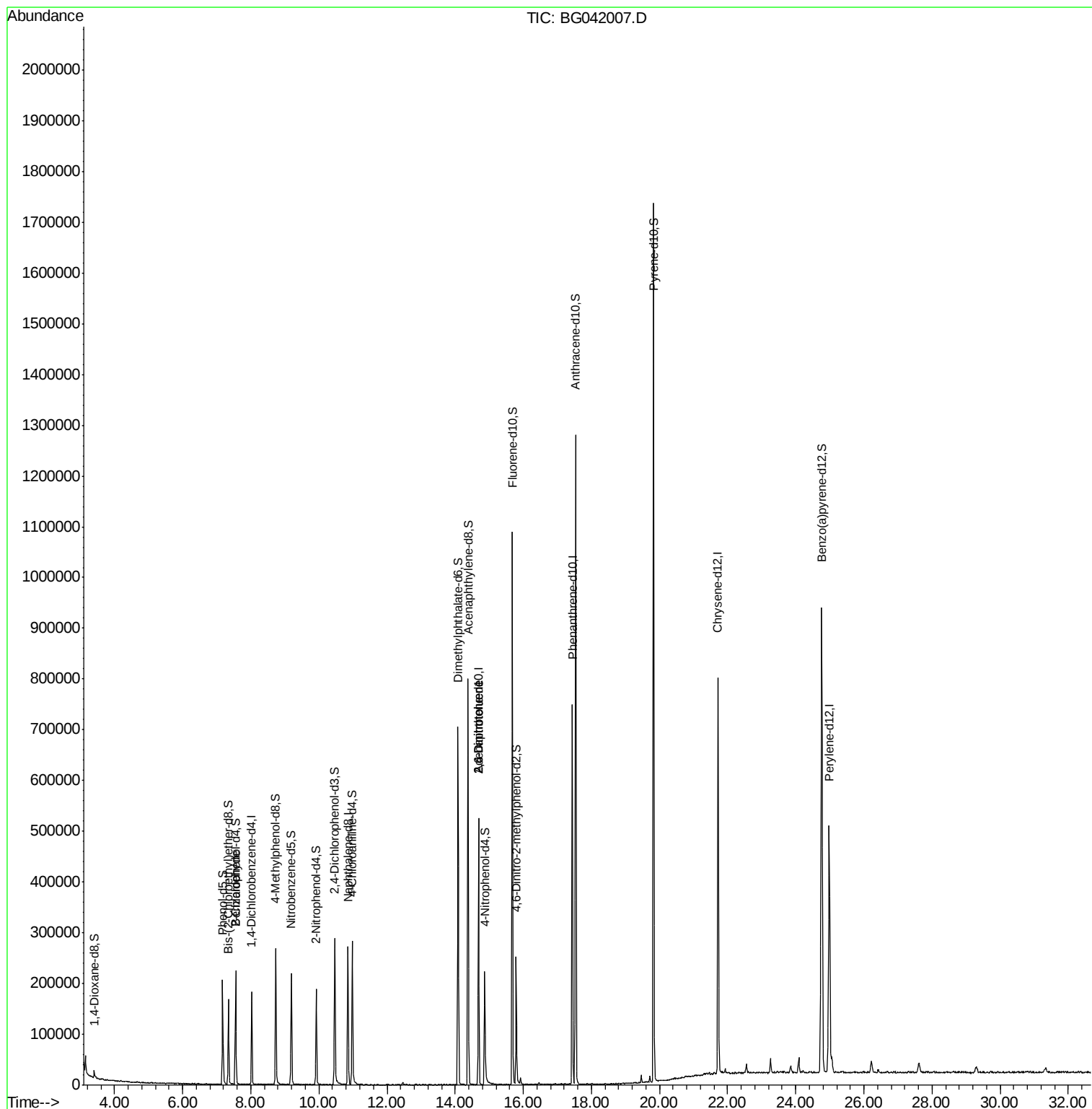
Target Compounds					Qvalue	
4) Benzaldehyde	7.56	77	2479	1.105	ng/ul	89
45) 2,6-Dinitrotoluene	14.68	165	27504	8.075	ng/ul#	41
54) 2,4-Dinitrotoluene	14.68	165	27504	5.554	ng/ul#	44

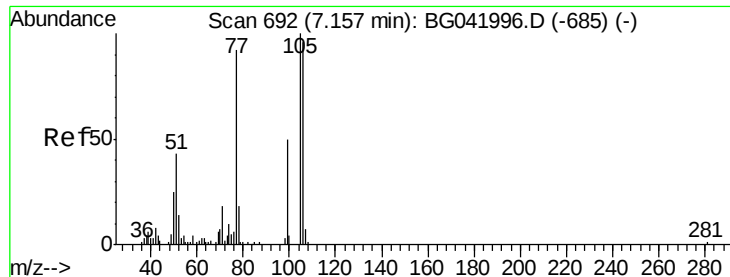
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.105 ng/ul

RT: 7.56 min Scan# 760

Delta R.T. 0.40 min

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Acq: 6 Aug 2019 21:00

Instrument :

BNA_G

ClientSampleId :

SBLK48

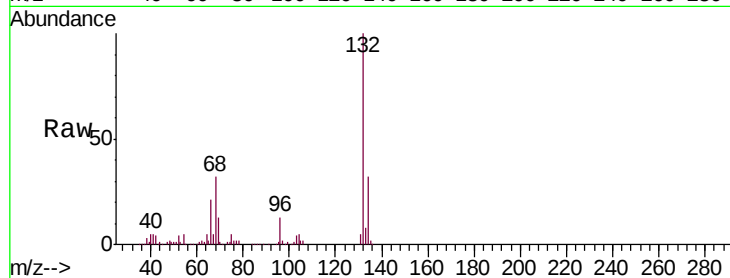
Tgt Ion: 77 Resp: 2479

Ion Ratio Lower Upper

77 100

105 93.7 80.7 121.1

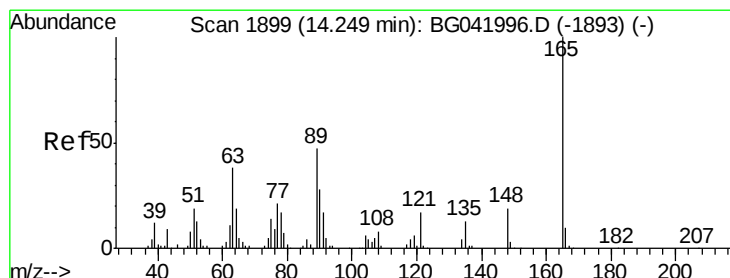
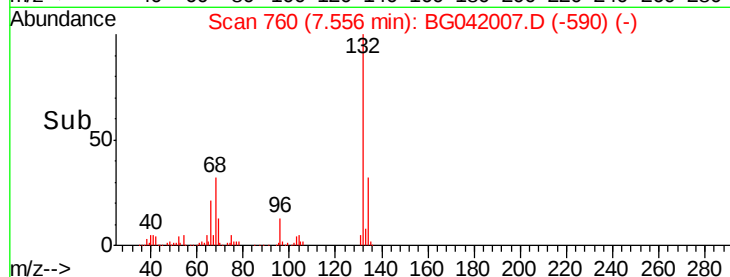
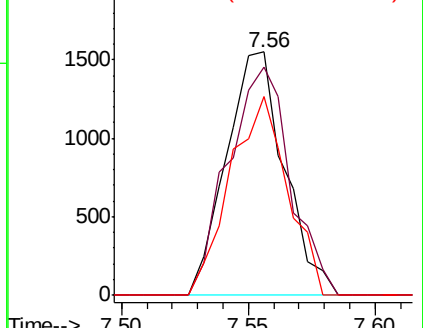
106 81.4 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#45

2,6-Dinitrotoluene

Concen: 8.075 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.43 min

Lab File: BG042007.D

Acq: 6 Aug 2019 21:00

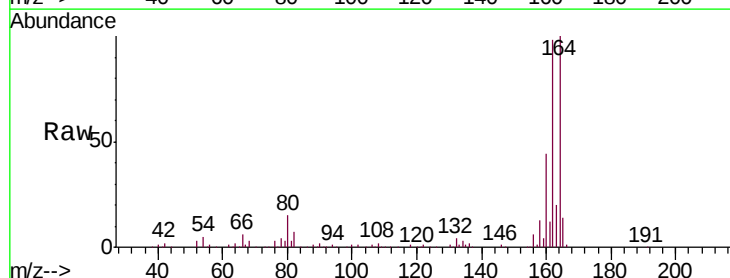
Tgt Ion: 165 Resp: 27504

Ion Ratio Lower Upper

165 100

89 1.6 36.8 55.2#

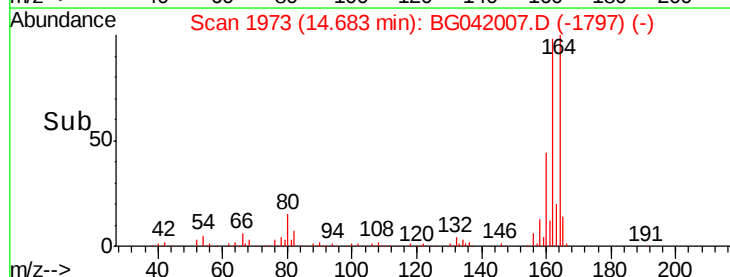
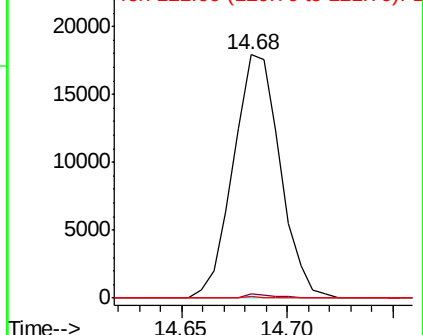
121 0.9 15.6 23.4#

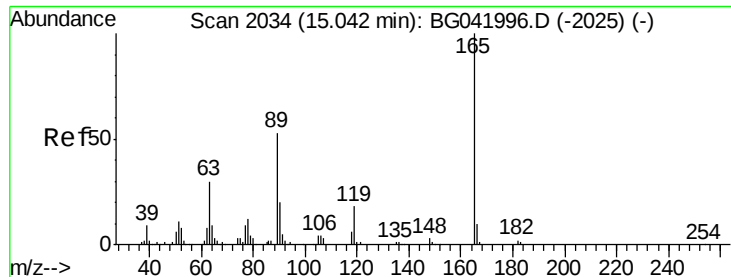


Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): BGC





#54
 2,4-Dinitrotoluene
 Concen: 5.554 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.36 min
 Lab File: BG042007.D
 Acq: 6 Aug 2019 21:00

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
182	0.0	2.6	4.0#

