

Data File : BG041966.D
Acq On : 5 Aug 2019 15:32
Operator : HP/JU
Sample : K3976-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CA7

Quant Time: Aug 06 04:53:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	66203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	273870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	188573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	762515	20.00	ng/ul	0.09
77) Chrysene-d12	21.73	240	413318	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	427011	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	1822	1.20	ng/uL	0.00
5) Phenol-d5	7.18	99	40925	7.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	91179	31.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	127388	28.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	75327	17.27	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	77647	37.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	94434	39.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	167491	34.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	22034	4.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	537366	36.74	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	614973	36.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	15867	6.46	ng/ul	0.00
57) Fluorene-d10	15.68	176	475717	36.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	628	0.13	ng/ul	0.08
70) Anthracene-d10	17.54	188	762515	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	864117	37.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	910504	40.82	ng/ul	0.00

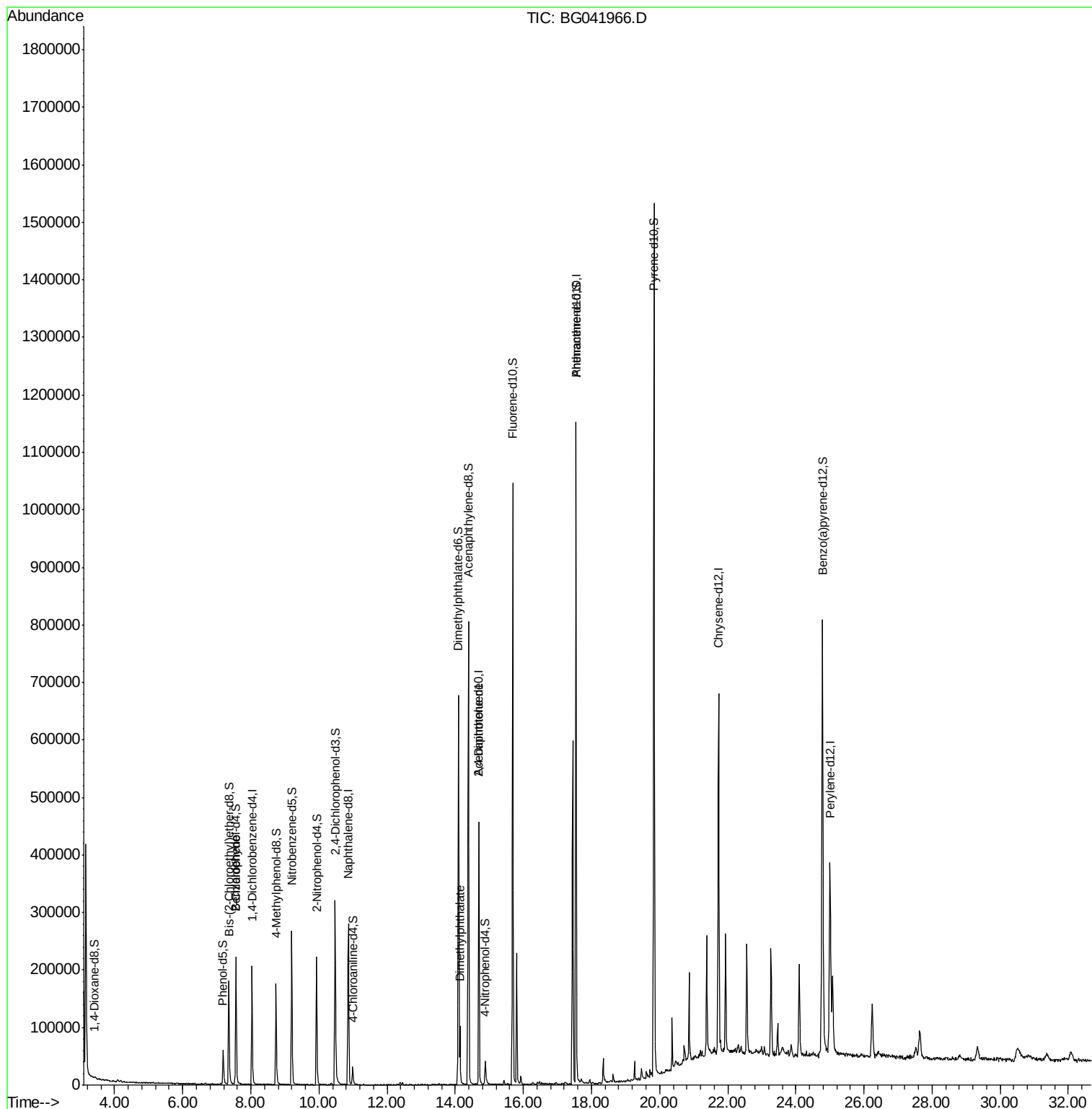
Target Compounds				Qvalue		
4) Benzaldehyde	7.57	77	3100	1.263	ng/ul#	61
44) Dimethylphthalate	14.14	163	71252	4.907	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	25094	5.464	ng/ul#	45

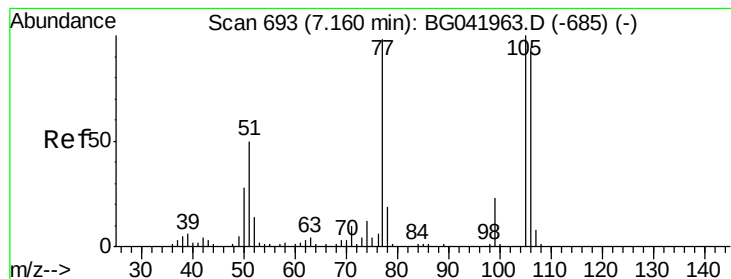
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.263 ng/ul

RT: 7.57 min Scan# 762

Delta R.T. 0.40 min

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Acq: 5 Aug 2019 15:32

Instrument :

BNA_M

ClientSampleId :

C0CA7

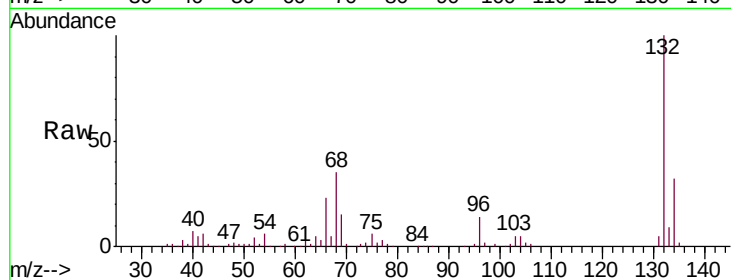
Tgt Ion: 77 Resp: 3100

Ion Ratio Lower Upper

77 100

105 68.9 80.7 121.1#

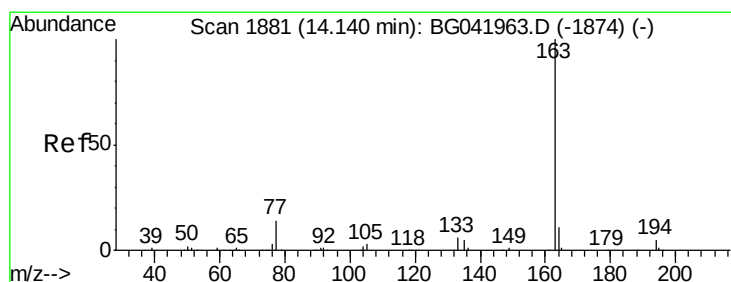
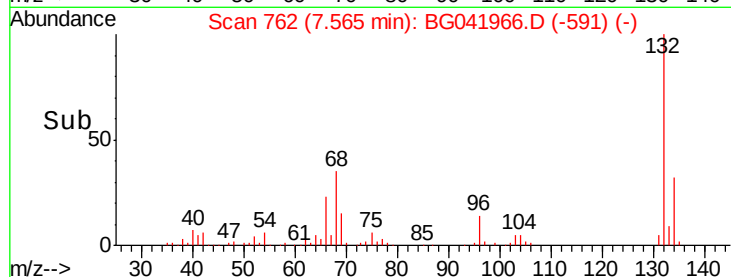
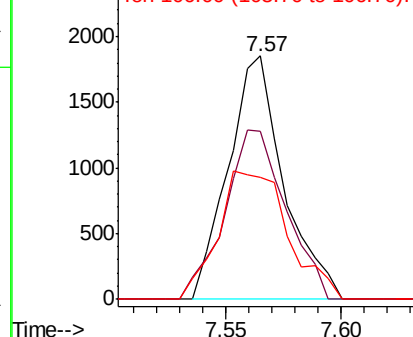
106 50.1 76.3 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#44

Dimethylphthalate

Concen: 4.907 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

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Acq: 5 Aug 2019 15:32

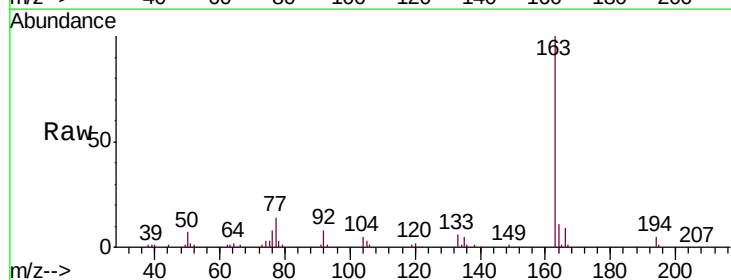
Tgt Ion: 163 Resp: 71252

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

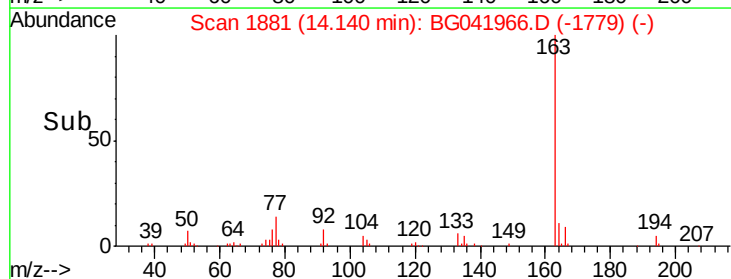
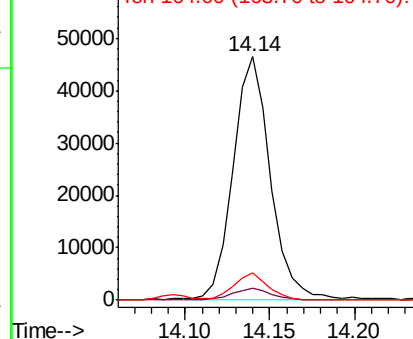
164 11.0 7.8 11.8

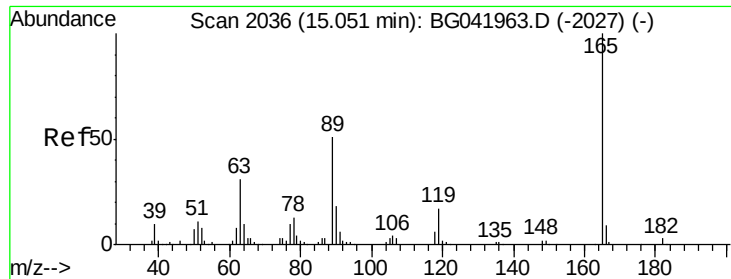


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54
 2,4-Dinitrotoluene
 Concen: 5.464 ng/ul
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.36 min
 Lab File: BG041966.D
 Acq: 5 Aug 2019 15:32

Instrument :
 BNA_M
 ClientSampleId :
 C0CA7

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.4	44.2#
182	0.0	2.6	4.0#

