

Data File : BG041964.D
Acq On : 5 Aug 2019 14:15
Operator : HP/JU
Sample : PB121787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK87

Quant Time: Aug 06 04:53:06 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	68688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	281014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	185683	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	413647	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	414895	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	401377	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	7871	5.01	ng/uL	0.00
5) Phenol-d5	7.19	99	159353	29.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	85721	28.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	140462	30.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	133084	29.41	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	70415	33.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	86714	35.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	162238	32.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	197210	35.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	449745	31.23	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	528906	32.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	71680	29.64	ng/ul	0.00
57) Fluorene-d10	15.69	176	420619	32.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	59015	22.24	ng/ul	0.00
70) Anthracene-d10	17.55	188	669096	33.72	ng/ul	0.00
78) Pyrene-d10	19.83	212	749232	32.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	746727	35.61	ng/ul	0.00

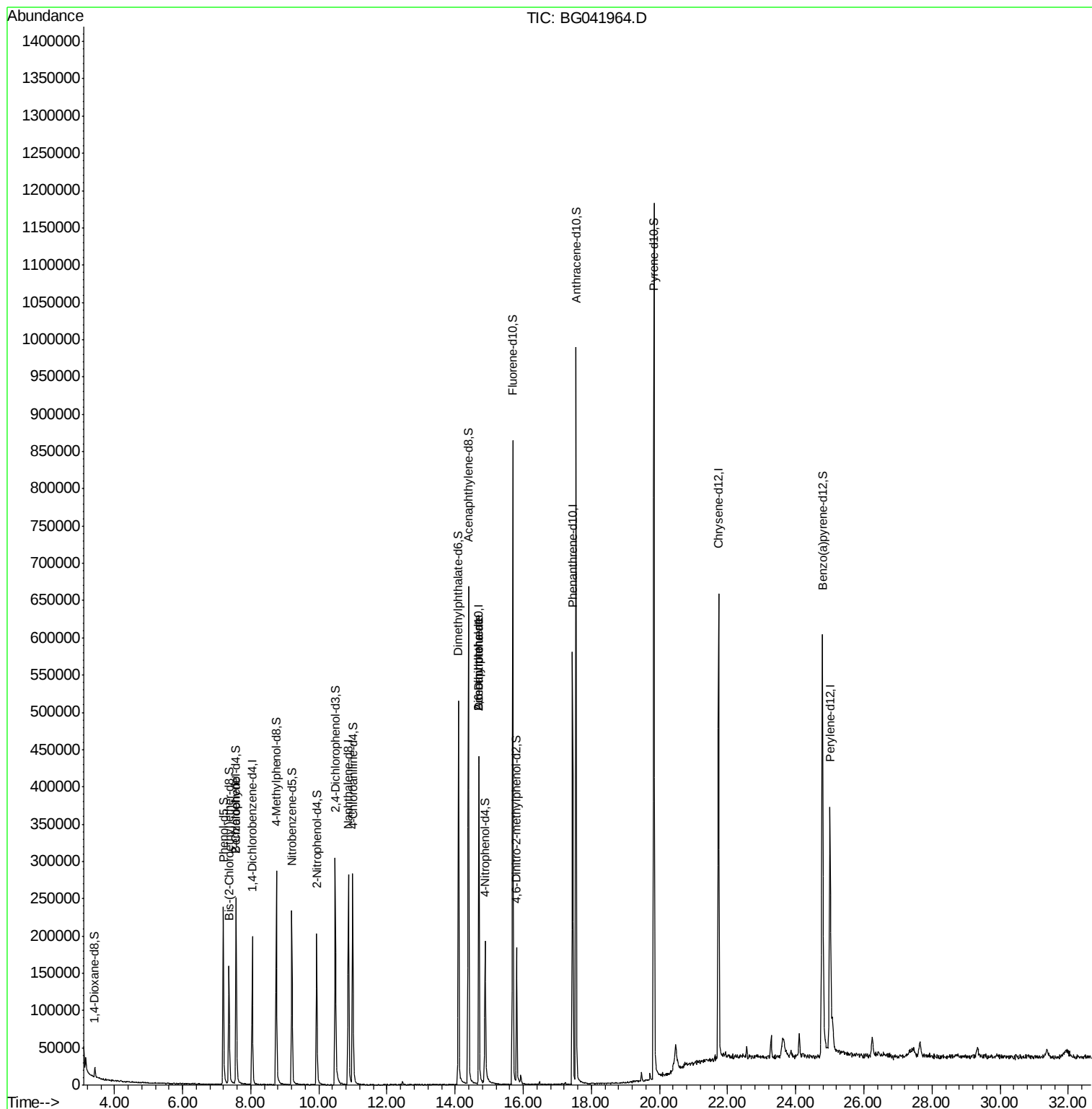
Target Compounds				Qvalue		
4) Benzaldehyde	7.57	77	3060	1.201	ng/ul	86
44) Dimethylphthalate	14.70	163	39098	2.734	ng/ul#	1
45) 2,6-Dinitrotoluene	14.70	165	23530	7.565	ng/ul#	41

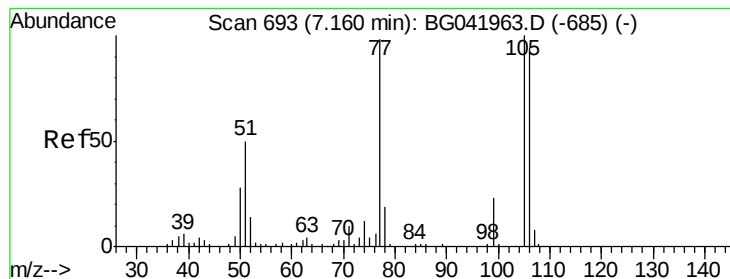
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.201 ng/ul

RT: 7.57 min Scan# 762

Delta R.T. 0.41 min

Lab File: BG041964.D

Acq: 5 Aug 2019 14:15

Instrument :

BNA_M

ClientSampled :

SBLK87

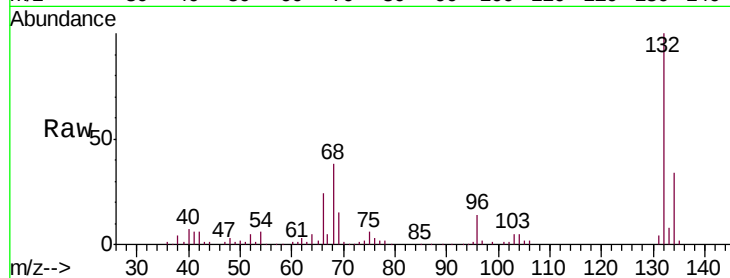
Tgt Ion: 77 Resp: 3060

Ion Ratio Lower Upper

77 100

105 85.3 80.7 121.1

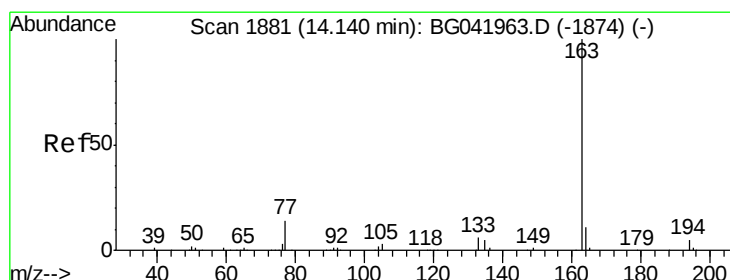
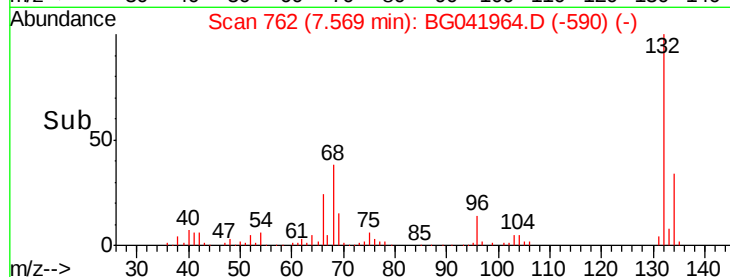
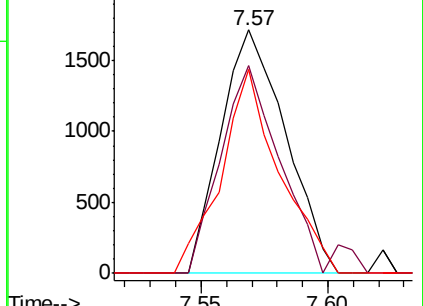
106 83.6 76.3 114.5



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: 2.734 ng/ul

RT: 14.70 min Scan# 1976

Delta R.T. 0.56 min

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Acq: 5 Aug 2019 14:15

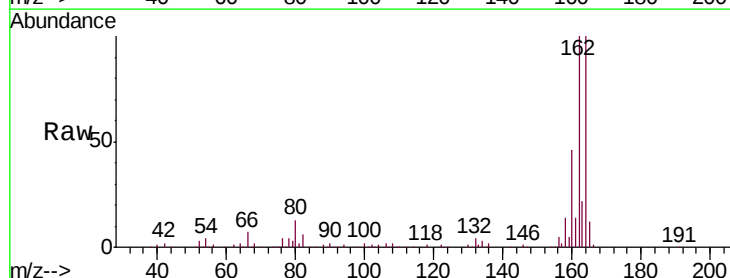
Tgt Ion:163 Resp: 39098

Ion Ratio Lower Upper

163 100

194 0.0 4.2 6.2#

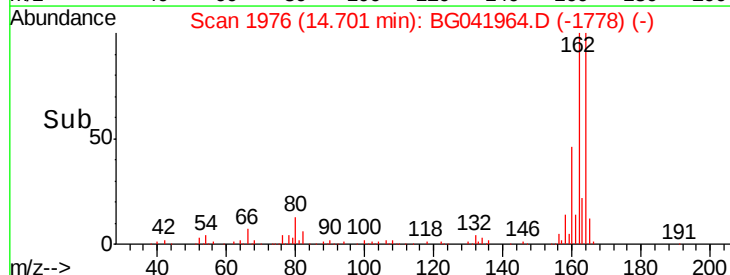
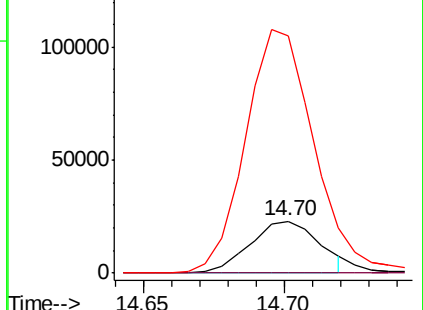
164 455.7 7.8 11.8#

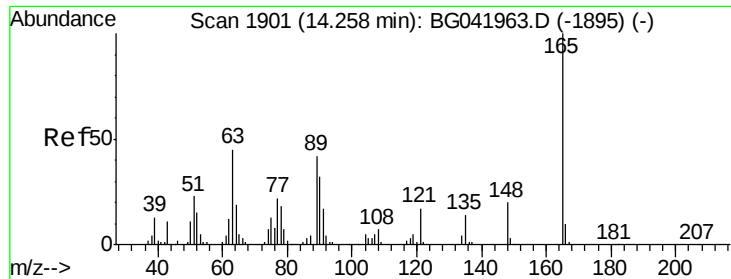


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#45

2,6-Dinitrotoluene

Concen: 7.565 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.44 min

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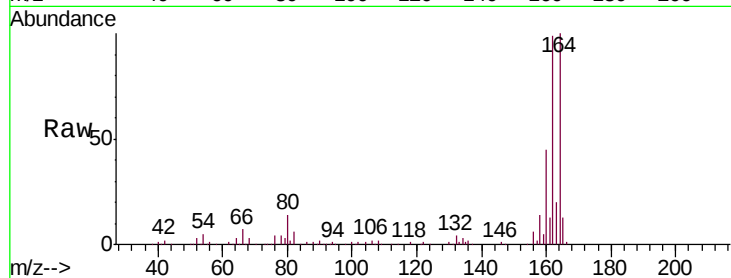
Acq: 5 Aug 2019 14:15

Instrument :

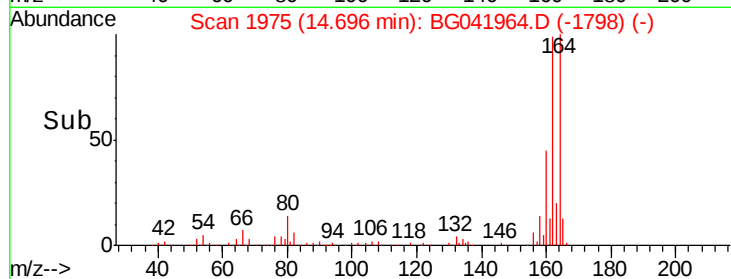
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Tgt Ion:	165	Resp:	23530
Ion Ratio	Lower	Upper	
165	100		
89	1.5	36.8	55.2#
121	1.6	15.6	23.4#



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

