

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021903.D
 Acq On : 16 May 2016 12:48
 Operator : UM/SJ
 Sample : H3095-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XD5

Quant Time: May 17 00:32:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	360052	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	230273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	509236	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	534000	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	549987	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	3349	2.23	ng/uL	0.00
5) Phenol-d5	7.31	99	56548	10.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	28709	10.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	57493	13.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	42962	9.50	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29359	12.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	30923	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	364	0.09	ng/ul	0.14
29) 4-Chloroaniline-d4	11.38	131	237	0.05	ng/ul	0.27
44) Dimethylphthalate-d6	14.18	166	214607	13.27	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	283572	12.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	20274	7.31	ng/ul	0.00
58) Fluorene-d10	15.78	176	203238	11.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	26004	18.43	ng/ul	0.00
71) Anthracene-d10	17.63	188	336673	13.58	ng/ul	0.00
77) Pyrene-d10	19.91	212	393277	15.73	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	357442	13.68	ng/ul	-0.01

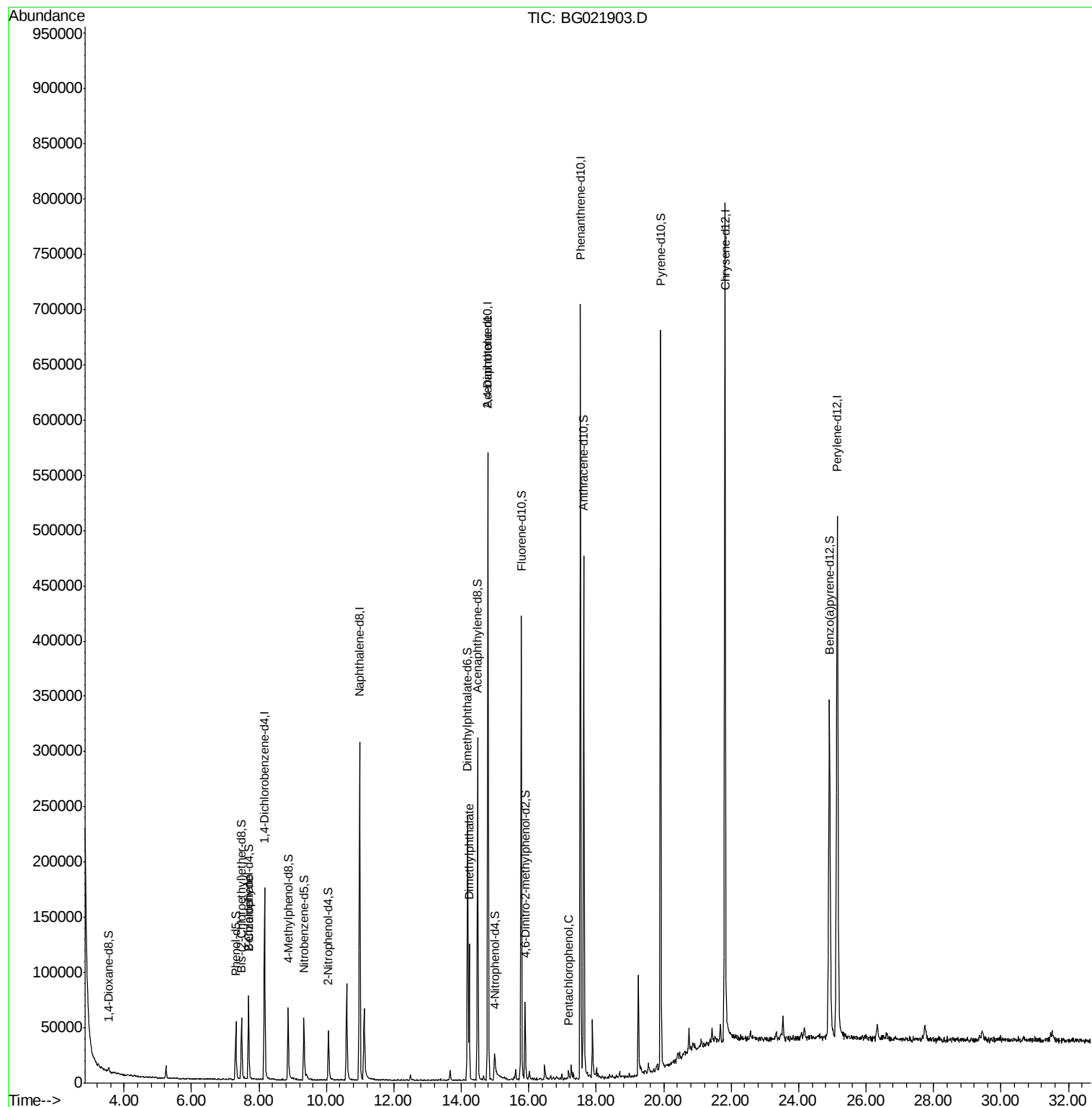
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	7.69	77	696	1.19	ng/ul#	82
45) Dimethylphthalate	14.23	163	105824	6.42	ng/ul	97
55) 2,4-Dinitrotoluene	14.79	165	30218	6.71	ng/ul#	25
69) Pentachlorophenol	17.18	266	2900	1.24	ng/ul#	78

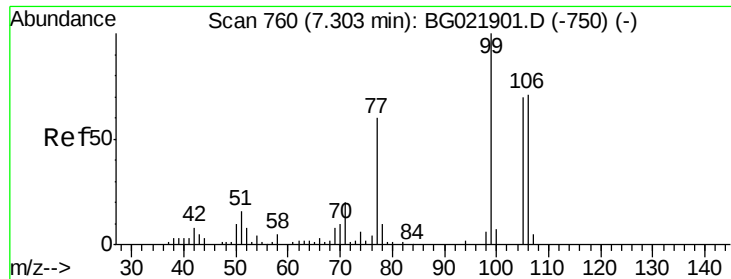
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.19 ng/ul

RT: 7.69 min Scan# 826

Delta R.T. 0.39 min

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Acq: 16 May 2016 12:48

Instrument :

BNA_G

ClientSampleID :

D9XD5

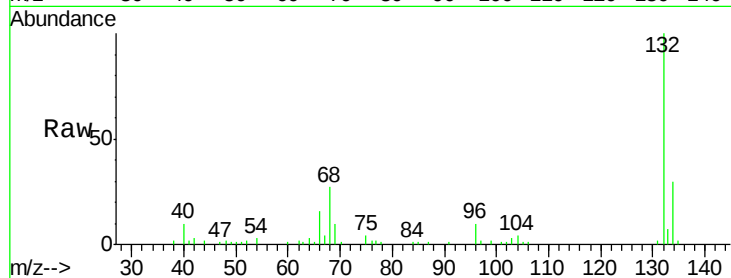
Tot Ion: 77 Resp: 696

Ion Ratio Lower Upper

77 100

105 78.2 68.5 102.7

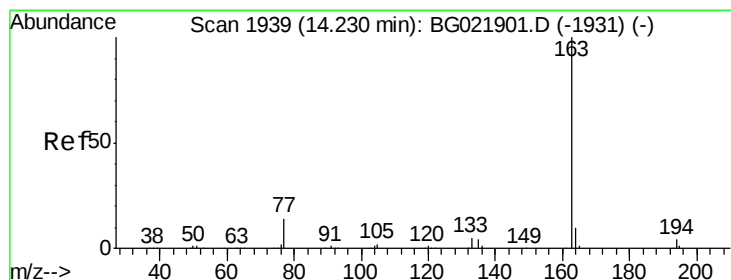
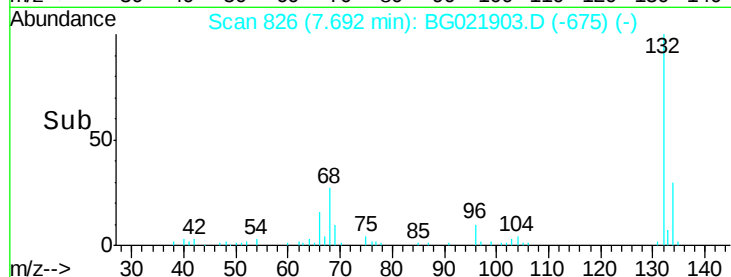
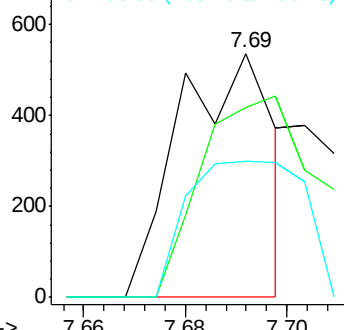
106 55.8 65.0 97.4#



Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#45

Dimethylphthalate

Concen: 6.42 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG021903.D

Acq: 16 May 2016 12:48

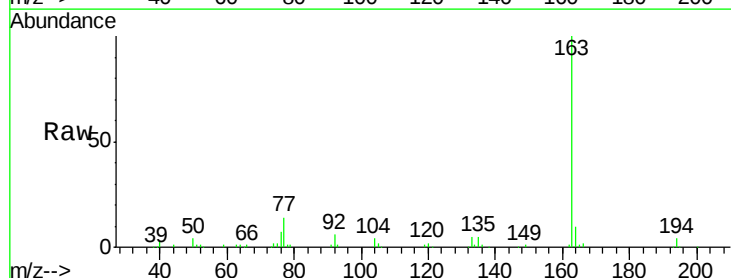
Tgt Ion: 163 Resp: 105824

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

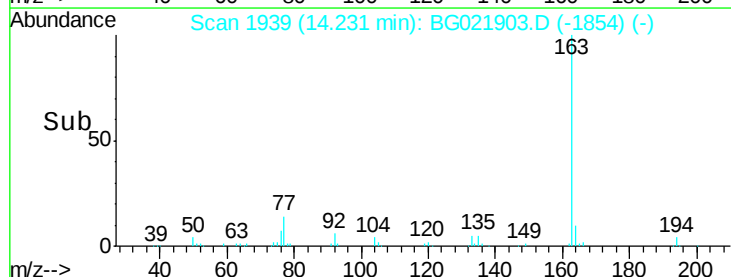
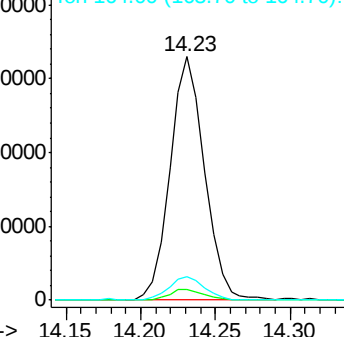
164 9.6 8.7 13.1

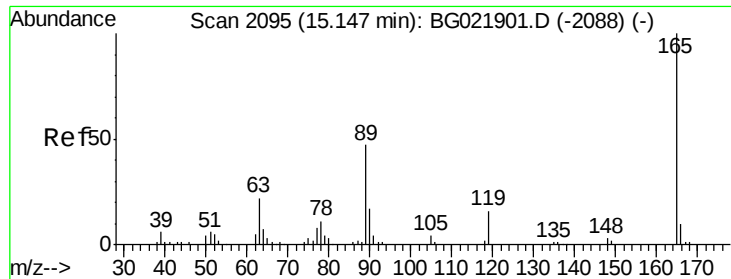


Abundance Ion 163.00 (162.70 to 163.70): B

Ion 194.00 (193.70 to 194.70): B

Ion 164.00 (163.70 to 164.70): B





#55

2,4-Dinitrotoluene

Concen: 6.71 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.36 min

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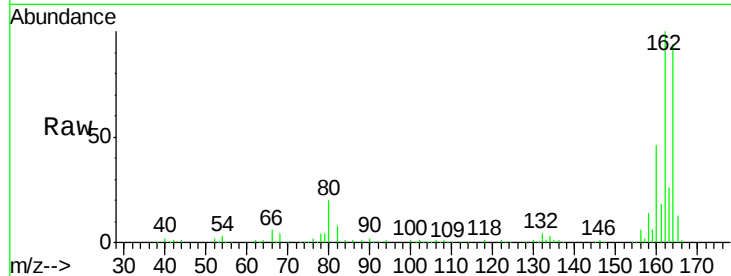
Tot Ion:165 Resp: 30218

Ion Ratio Lower Upper

165 100

63 0.9 48.1 72.1#

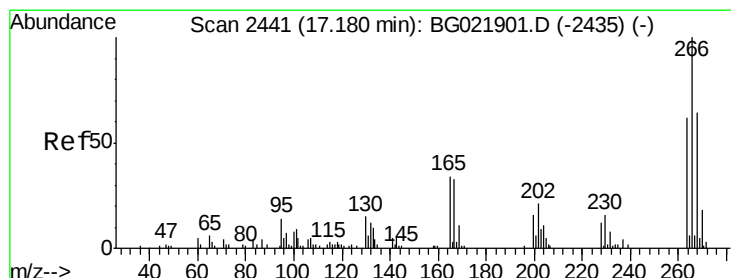
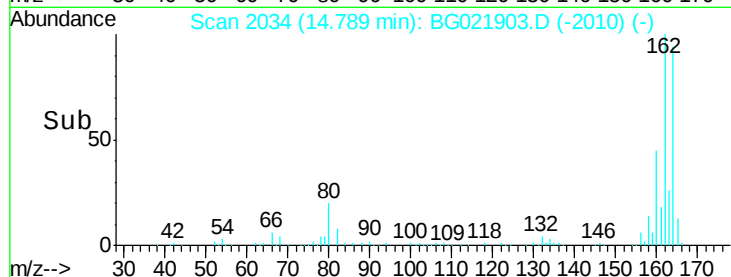
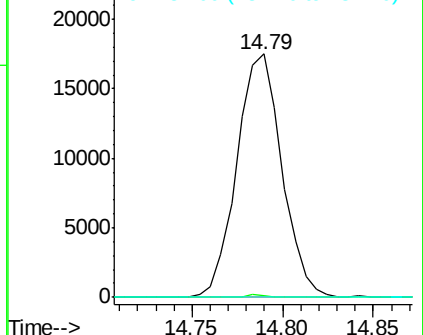
182 0.0 2.2 3.2#



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



#69

Pentachlorophenol

Concen: 1.24 ng/ul

RT: 17.18 min Scan# 2441

Delta R.T. 0.00 min

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Acq: 16 May 2016 12:48

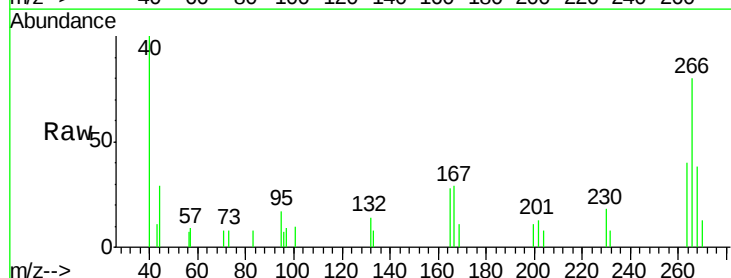
Tgt Ion:266 Resp: 2900

Ion Ratio Lower Upper

266 100

264 50.1 56.7 85.1#

268 48.3 50.6 76.0#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

