Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028569.D
Acq On : 31 Aug 2017 8:43
Operator : SJ/JU
Sample : I4917-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B79

Quant Time: Aug 31 16:12:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 31 04:17:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37528	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	149580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	108157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	260716	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	306945	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	308009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	618	0.77	ng/uL	0.00
5) Phenol-d5	7.50	99	61950	15.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	42169	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	46516	17.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	52314	15.19	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	23988	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	28810	22.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	53932	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	61388	20.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	185946	19.33	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	219637	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	22506	14.71	ng/ul	0.00
57) Fluorene-d10	15.94	176	161451	18.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	28512	16.83	ng/ul	0.00
70) Anthracene-d10	17.80	188	266120	21.29	ng/ul	0.00
76) Pyrene-d10	20.08	212	298727	18.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	284513	19.73	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.49	77	4364	1.832	ng/ul	91
14) Acetophenone	9.18	105	7899	1.608	ng/ul#	85
44) Dimethylphthalate	14.39	163	11410	1.288	ng/ul#	95

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

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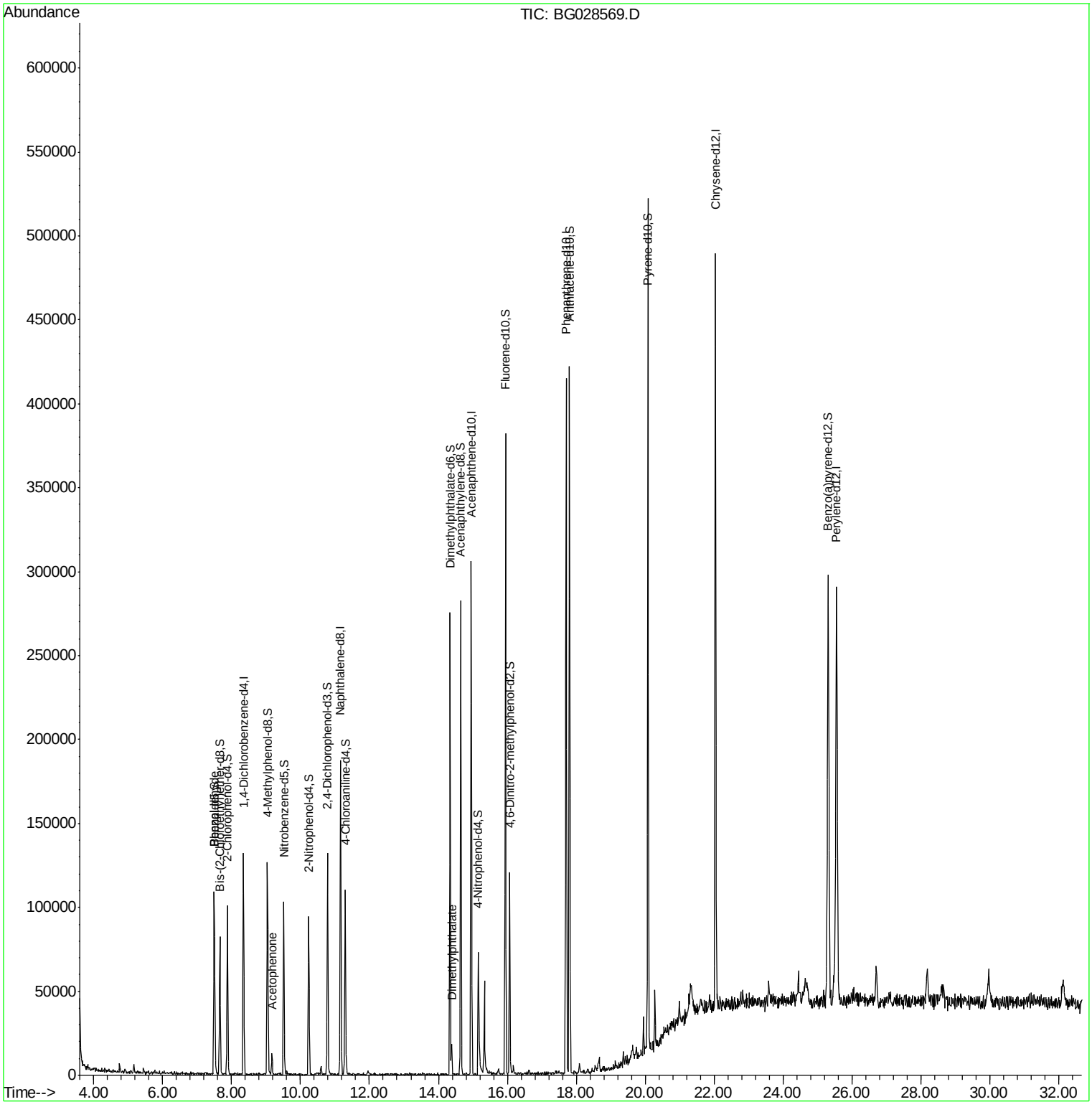
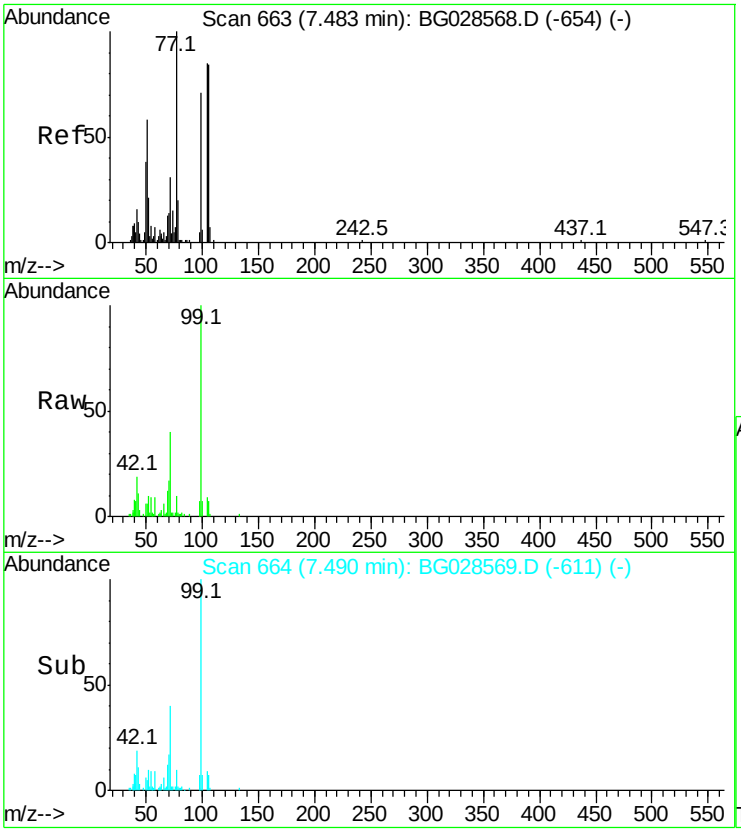


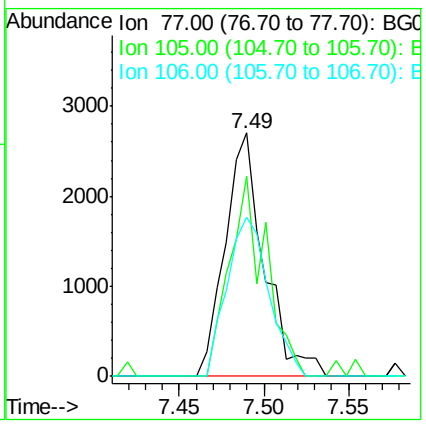


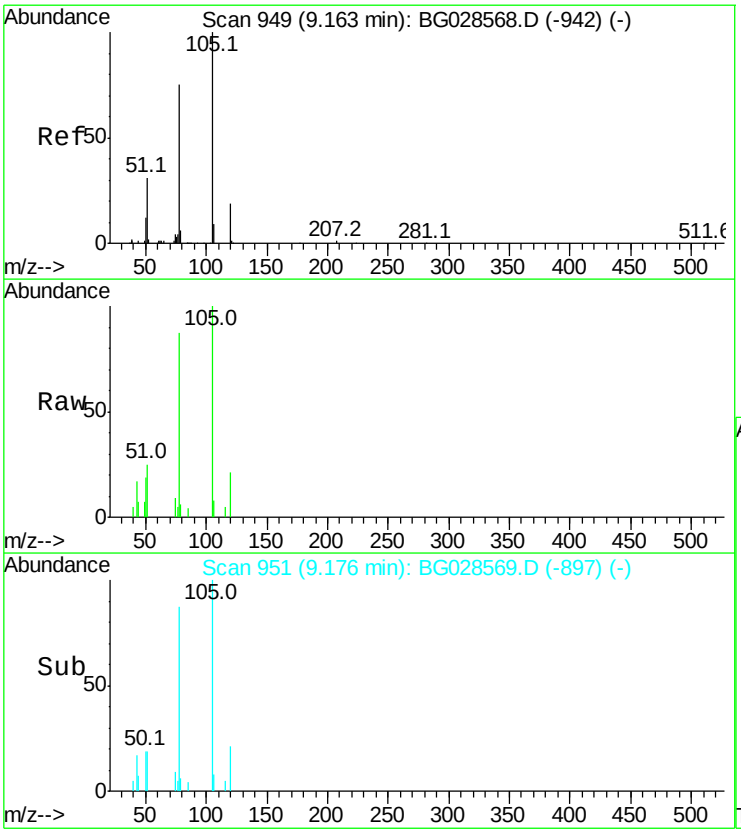
#4
Benzaldehyde
Concen: 1.832 ng/ul
RT: 7.49 min Scan# 664
Delta R.T. 0.01 min
Lab File: BG028569.D
Acq: 31 Aug 2017 8:43

Instrument :
BNA_G
ClientSampleId :
B0B79

Tgt Ion: 77 Resp: 4364

Ion	Ratio	Lower	Upper
77	100		
105	82.3	62.0	93.0
106	65.4	60.2	90.4

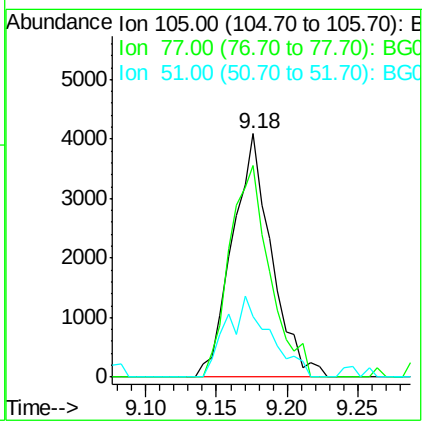


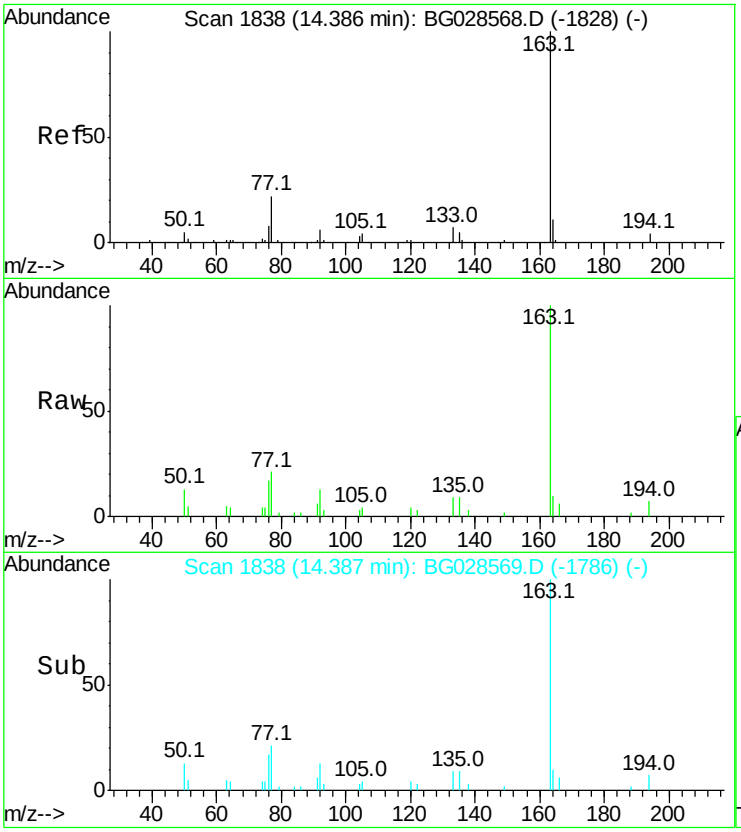


#14
Acetophenone
Concen: 1.608 ng/ul
RT: 9.18 min Scan# 951
Delta R.T. 0.02 min
Lab File: BG028569.D
Acq: 31 Aug 2017 8:43

Tgt Ion:105 Resp: 7899

Ion	Ratio	Lower	Upper
105	100		
77	86.9	76.0	114.0
51	24.9	34.8	52.2#





#44
Dimethylphthalate
Concen: 1.288 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028569.D
Acq: 31 Aug 2017 8:43

Instrument :
BNA_G
ClientSampleId :
B0B79

Tgt Ion:163 Resp: 11410

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.4	5.0#
164	9.6	9.0	13.4