Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028294.D
Acq On : 11 Aug 2017 17:22
Operator : SJ/JU
Sample : I4504-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB8

Quant Time: Aug 11 22:58:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	38316	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	176814	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	133062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	337030	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	358868	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	344954	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	1314	1.60	ng/uL	0.00
5) Phenol-d5	7.50	99	57878	13.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	52458	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	49598	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	67536	19.20	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	30890	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	36159	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	53256	16.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	47390	13.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	278199	23.51	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	214168	16.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	34392	18.28	ng/ul	0.00
57) Fluorene-d10	15.94	176	224663	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	46981	21.46	ng/ul	0.00
70) Anthracene-d10	17.81	188	290377	17.97	ng/ul	0.00
76) Pyrene-d10	20.08	212	238772	12.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	204869	12.69	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.50	77	7389	3.038	ng/ul#	88
6) Phenol	7.53	94	7274	1.739	ng/ul#	80
14) Acetophenone	9.18	105	29457	5.873	ng/ul#	91
44) Dimethylphthalate	14.39	163	38196	3.505	ng/ul	99

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

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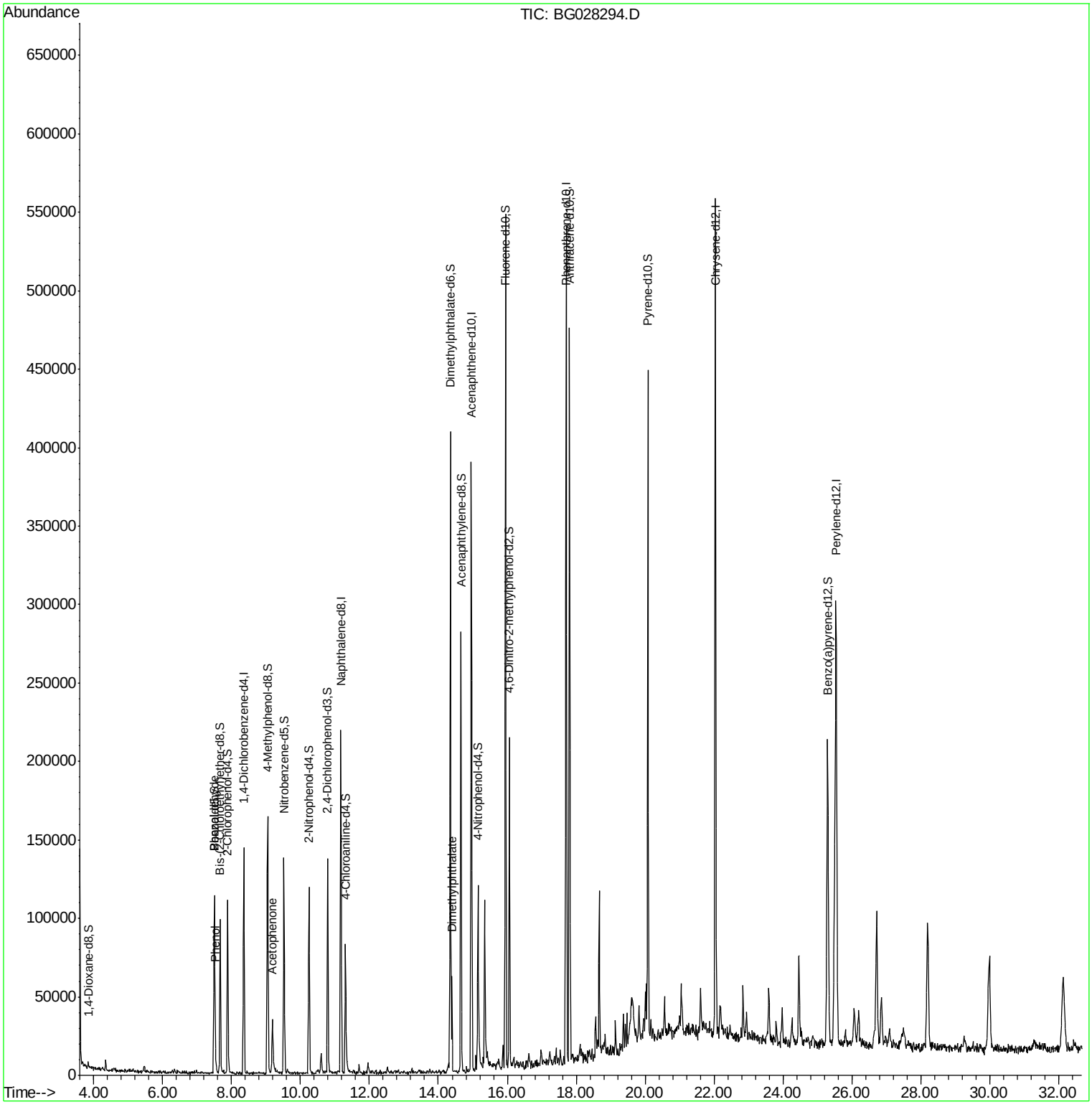
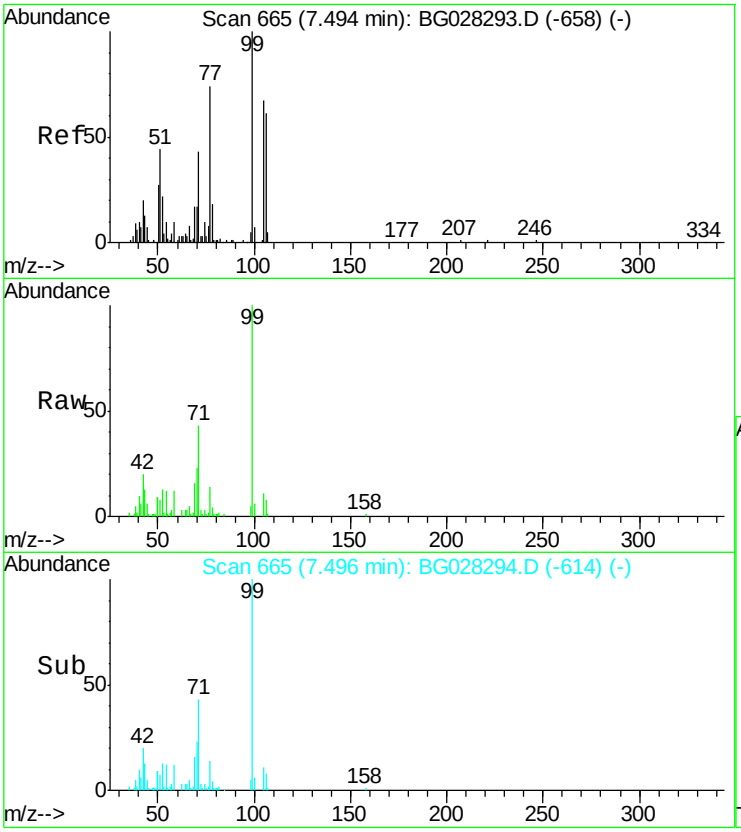


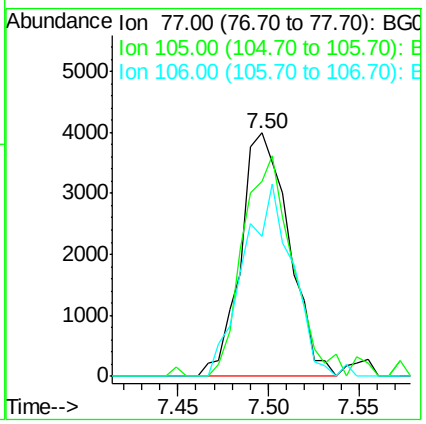


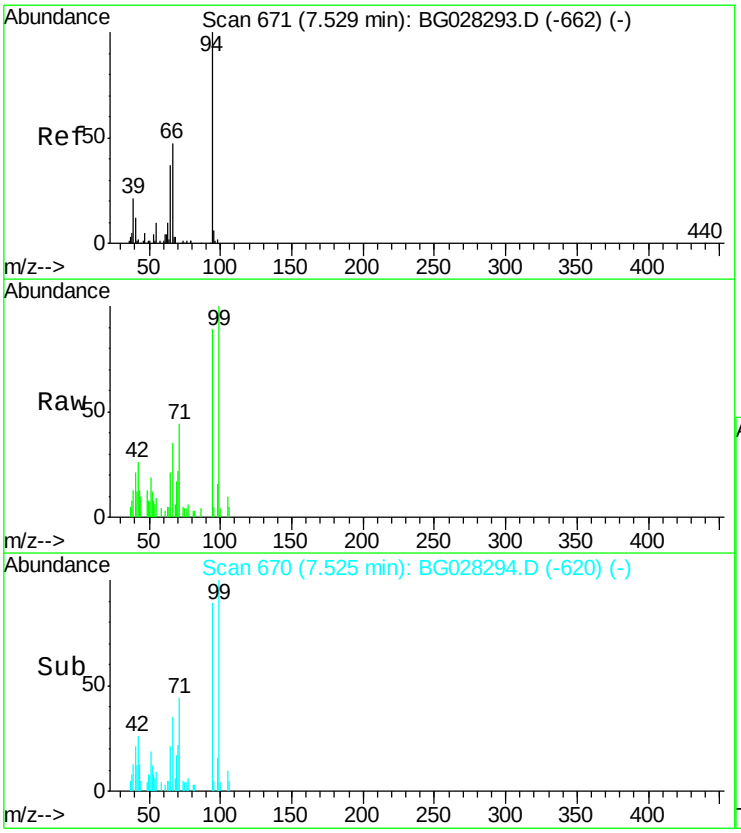
#4
Benzaldehyde
Concen: 3.038 ng/ul
RT: 7.50 min Scan# 665
Delta R.T. 0.00 min
Lab File: BG028294.D
Acq: 11 Aug 2017 17:22

Instrument :
BNA_G
ClientSampleId :
C0AB8

Tgt Ion: 77 Resp: 7389

Ion	Ratio	Lower	Upper
77	100		
105	80.0	62.0	93.0
106	57.7	60.2	90.4#

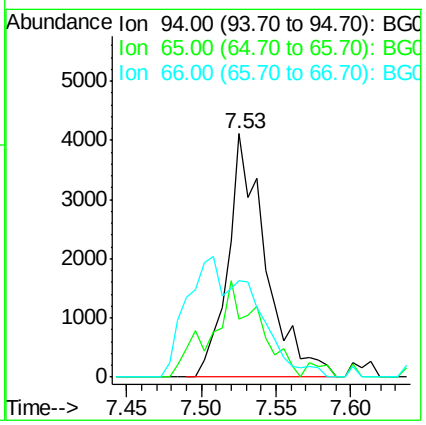


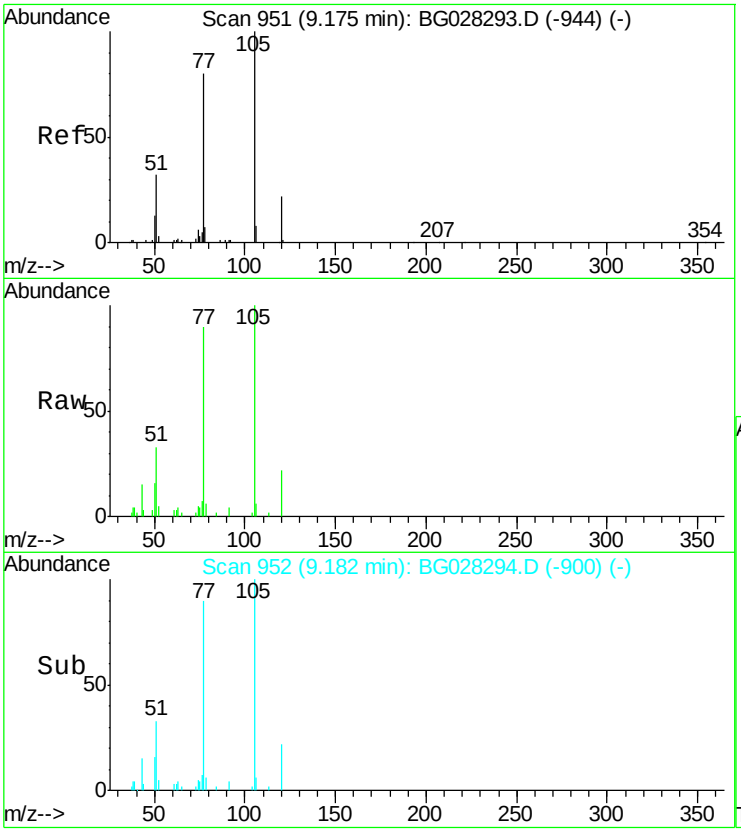


#6
Phenol
Concen: 1.739 ng/ul
RT: 7.53 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG028294.D
Acq: 11 Aug 2017 17:22

Tgt Ion: 94 Resp: 7274

Ion	Ratio	Lower	Upper
94	100		
65	23.8	26.8	40.2#
66	39.6	44.4	66.6#



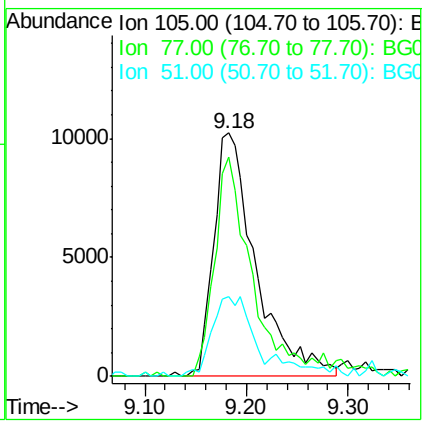


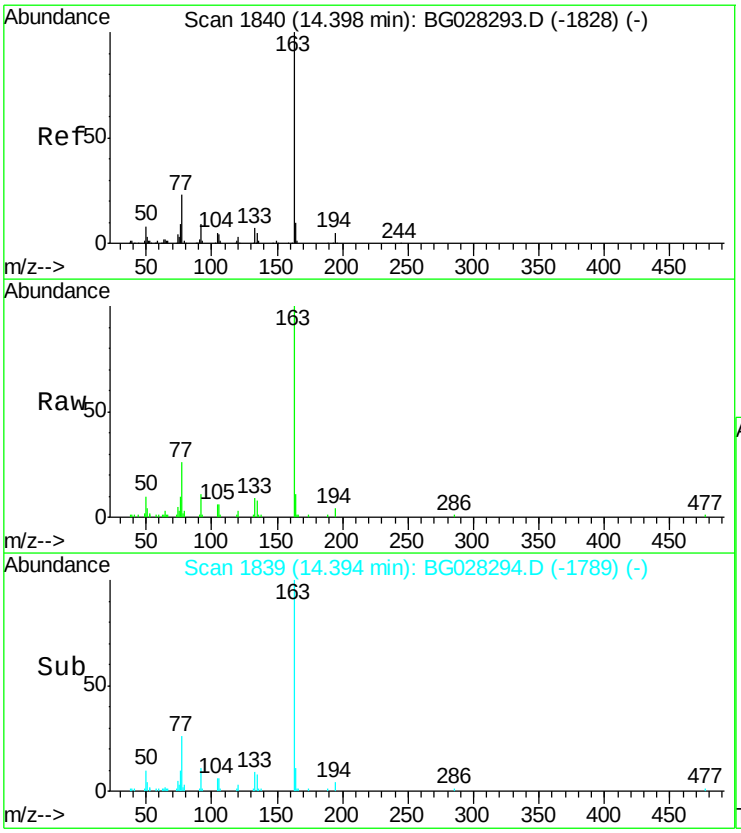
#14
Acetophenone
Concen: 5.873 ng/ul
RT: 9.18 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG028294.D
Acq: 11 Aug 2017 17:22

Instrument :
BNA_G
ClientSampleId :
C0AB8

Tgt Ion:105 Resp: 29457

Ion	Ratio	Lower	Upper
105	100		
77	90.0	76.0	114.0
51	32.9	34.8	52.2#





#44
Dimethylphthalate
Concen: 3.505 ng/ul
RT: 14.39 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG028294.D
Acq: 11 Aug 2017 17:22

Tgt Ion:163 Resp: 38196

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.5	9.0	13.4