Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016037.D
Acq On : 25 Feb 2015 15:50
Operator : TP/IZ
Sample : G1354-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD8

Quant Time: Feb 26 01:12:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	89225	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	403555	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	254155	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	543891	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	560373	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	549201	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.96	99	101185	11.92	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	60393	12.05	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	76154	12.13	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	69989	11.14	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	34656	12.15	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	25403	9.66	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	61961	10.86	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	96930	15.42	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	226791	13.35	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	292800	12.18	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	22181	6.49	ng/ul	0.00
55) Fluorene-d10	15.43	176	206945	12.12	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	12096	5.77	ng/ul	0.00
68) Anthracene-d10	17.27	188	303044	11.75	ng/ul	0.00
76) Pyrene-d10	19.56	212	301125	11.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	234610	9.42	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.95	77	35312	6.58	ng/ul	93
4) Phenol	6.99	94	14210	1.59	ng/ul	97
12) Acetophenone	8.62	105	18241	1.92	ng/ul#	93

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

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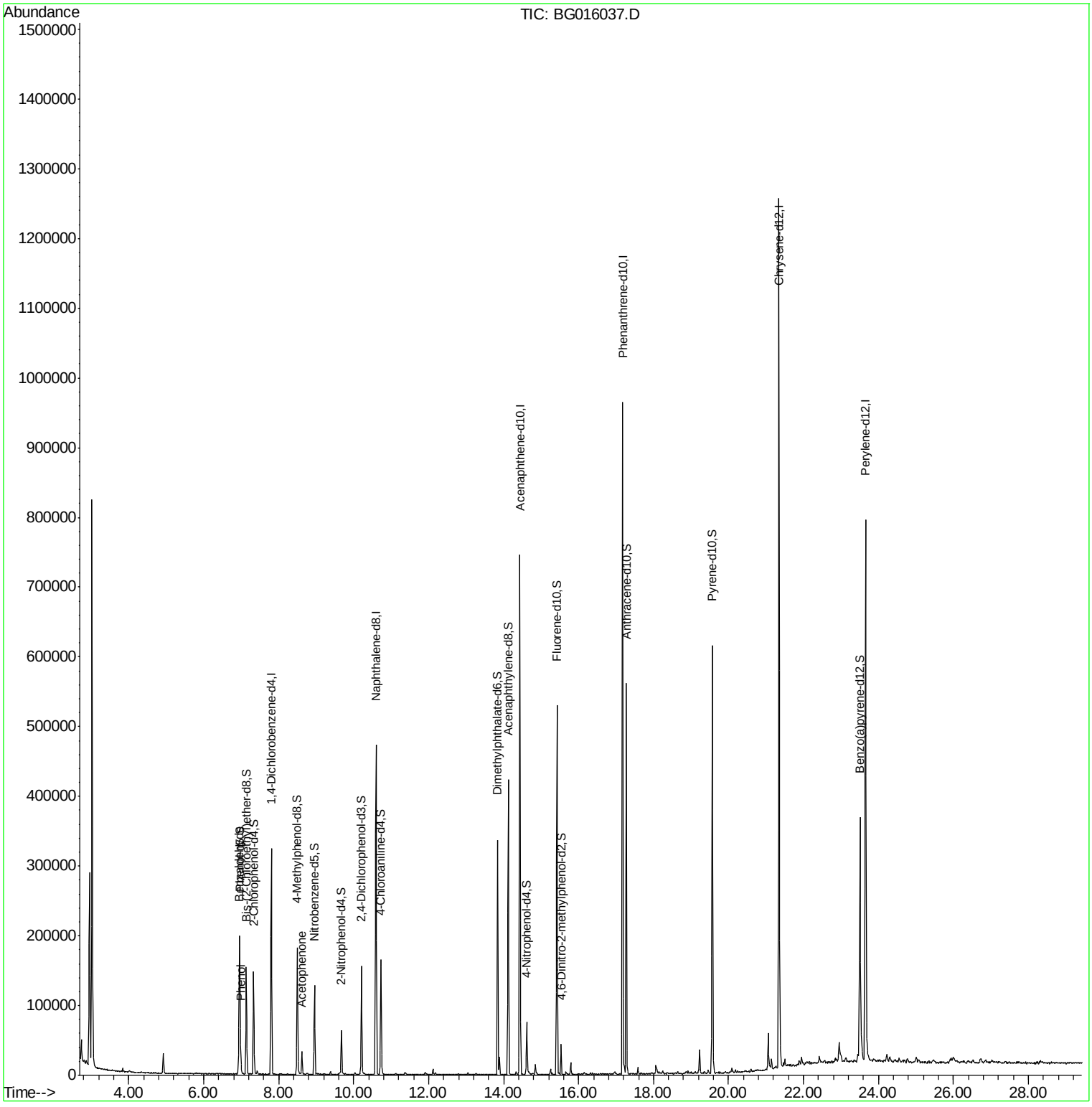
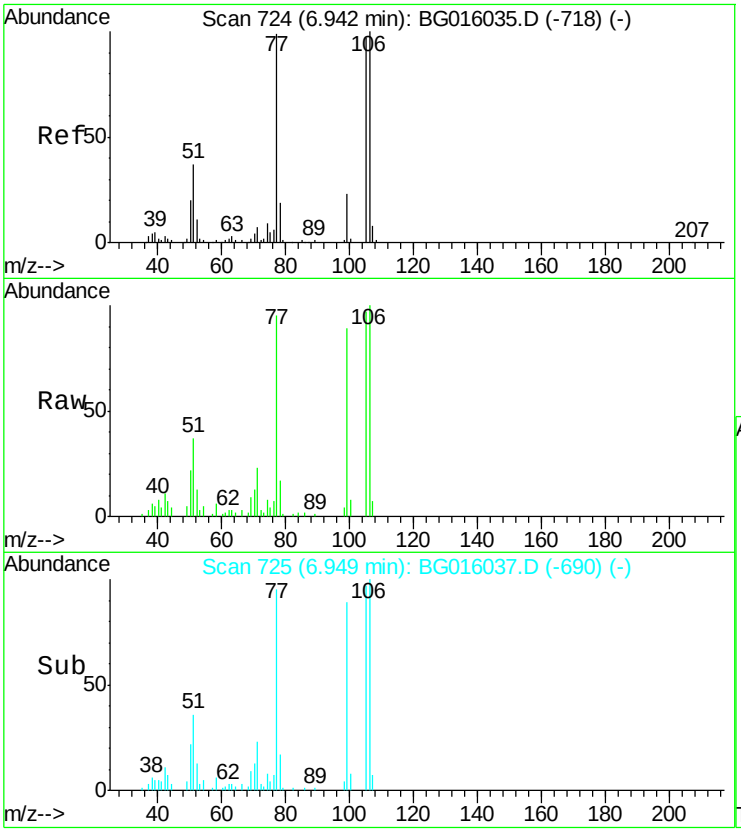


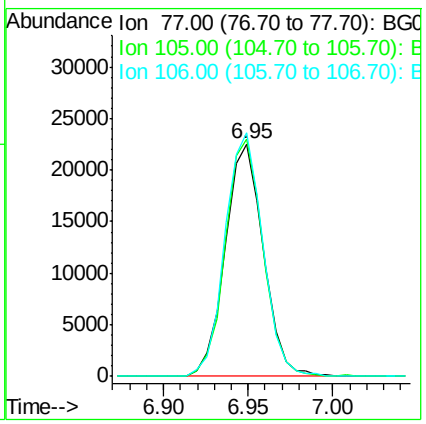


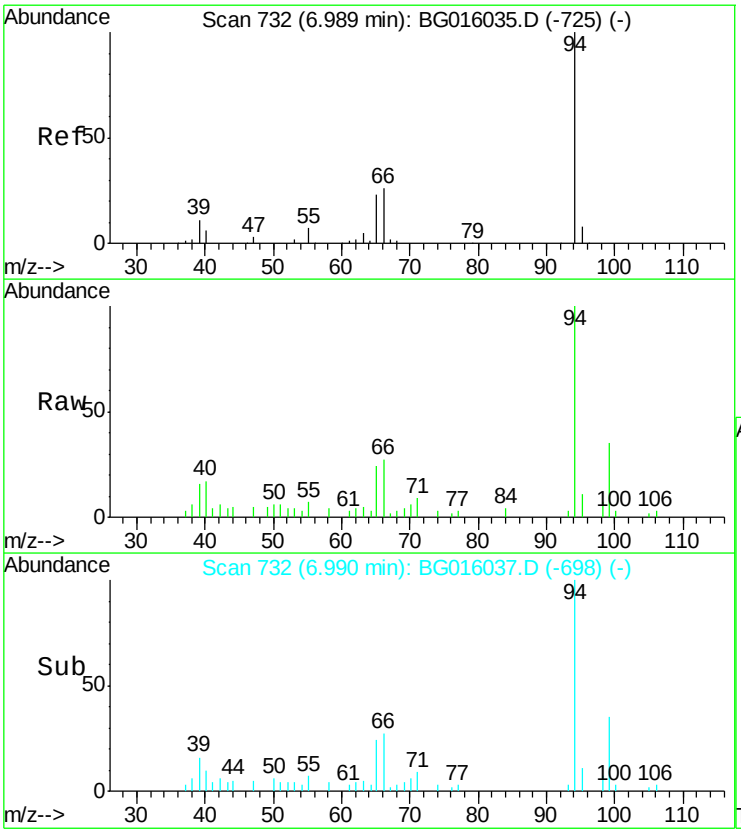
#2
Benzaldehyde
Concen: 6.58 ng/ul
RT: 6.95 min Scan# 725
Delta R.T. 0.01 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
C0AD8

Tgt Ion: 77 Resp: 35312

Ion	Ratio	Lower	Upper
77	100		
105	102.2	76.6	114.8
106	104.9	78.2	117.4

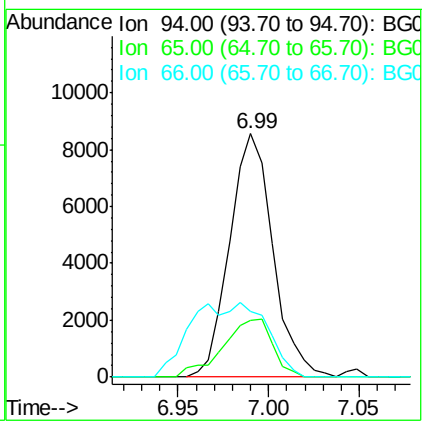


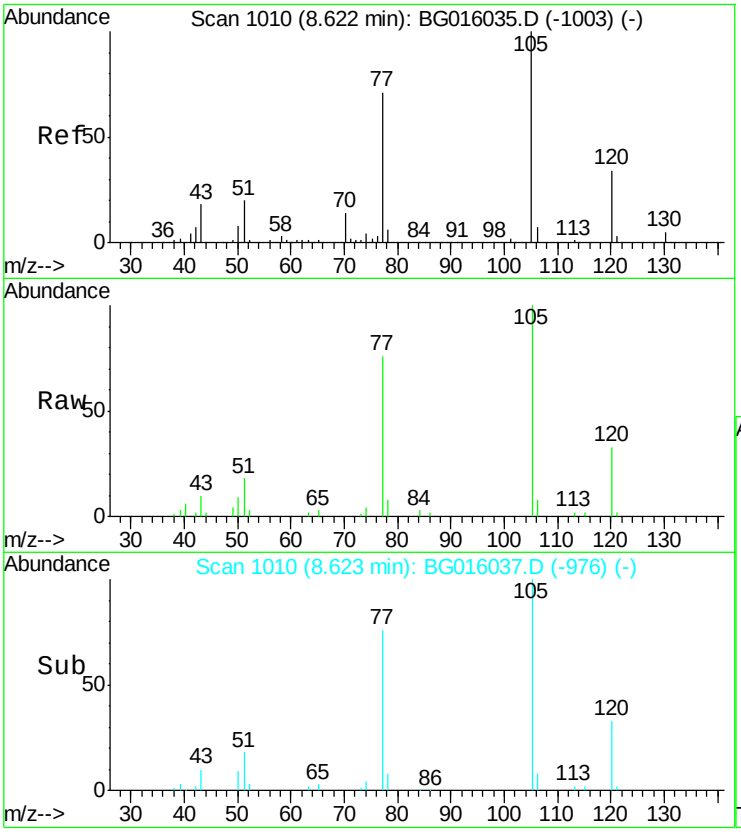


#4
Phenol
Concen: 1.59 ng/ul
RT: 6.99 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Tgt Ion: 94 Resp: 14210

Ion	Ratio	Lower	Upper
94	100		
65	23.5	20.8	31.2
66	27.1	22.6	34.0





#12
Acetophenone
Concen: 1.92 ng/ul
RT: 8.62 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
C0AD8

Tgt Ion:105 Resp: 18241

Ion	Ratio	Lower	Upper
105	100		
77	76.0	64.9	97.3
51	18.1	19.4	29.0#