Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
Data File : BG026098.D
Acq On : 7 Mar 2017 16:53
Operator : SJ/MA
Sample : I2095-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Time: Mar 08 01:02:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	109819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	469225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.66	164	268372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	644109	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	823680	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	836122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	13729	5.37	ng/uL	0.00
5) Phenol-d5	7.22	99	56613	6.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	194118	37.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	188196	28.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	45366	7.11	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	136426	40.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	138114	49.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	197247	31.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	12622	1.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.06	166	842732	48.27	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	1014443	43.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	27300	7.94	ng/ul	0.00
57) Fluorene-d10	15.65	176	755550	43.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	116782	38.64	ng/ul	0.00
70) Anthracene-d10	17.49	188	977799	33.45	ng/ul	0.00
78) Pyrene-d10	19.77	212	1333371	39.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	1432606	38.87	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	9.26	77	295113	41.10	ng/ul	97
23) 2-Nitrophenol	9.97	139	3596	1.22	ng/ul#	80
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	10645	1.38	ng/uL	95

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

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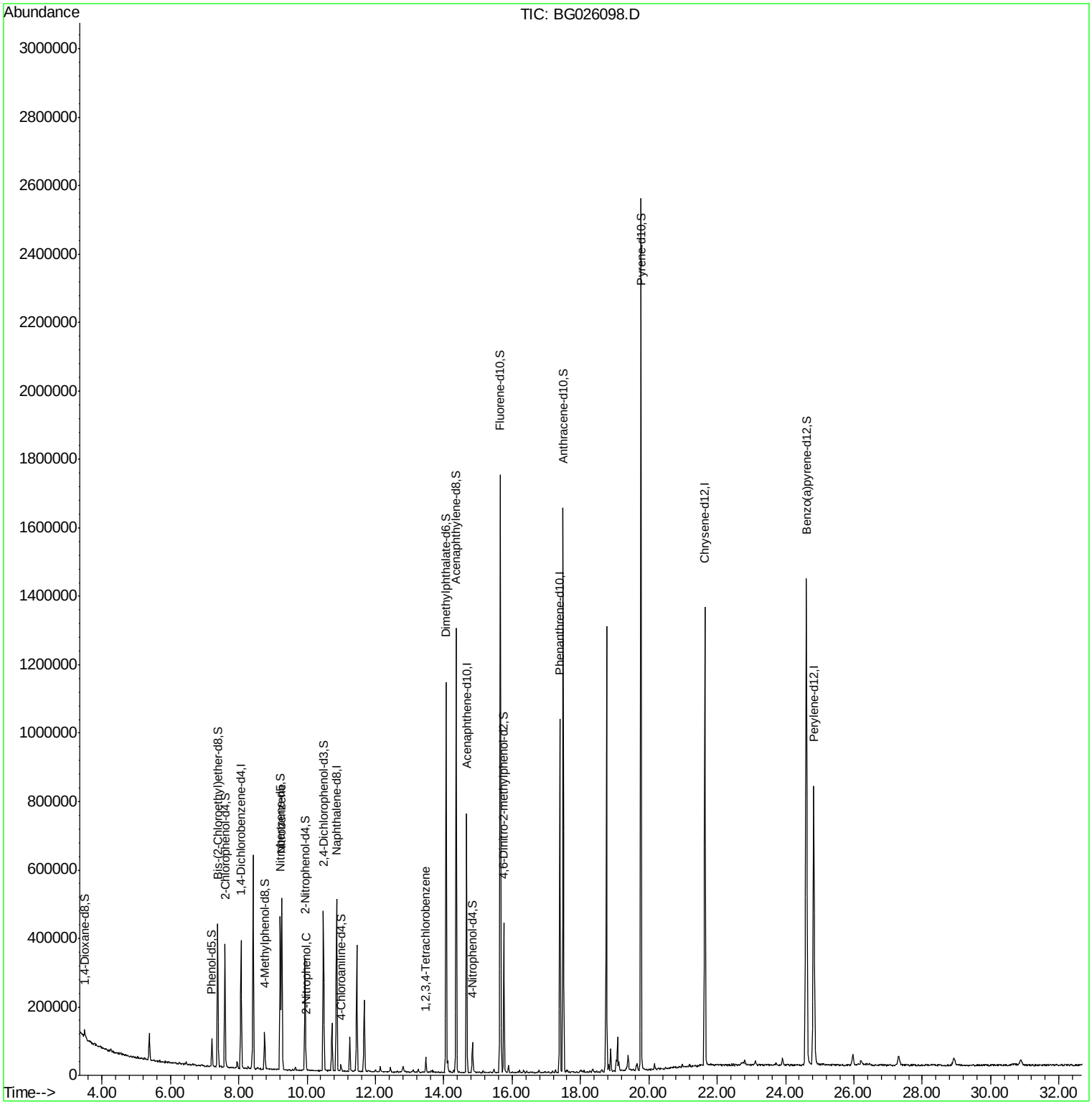
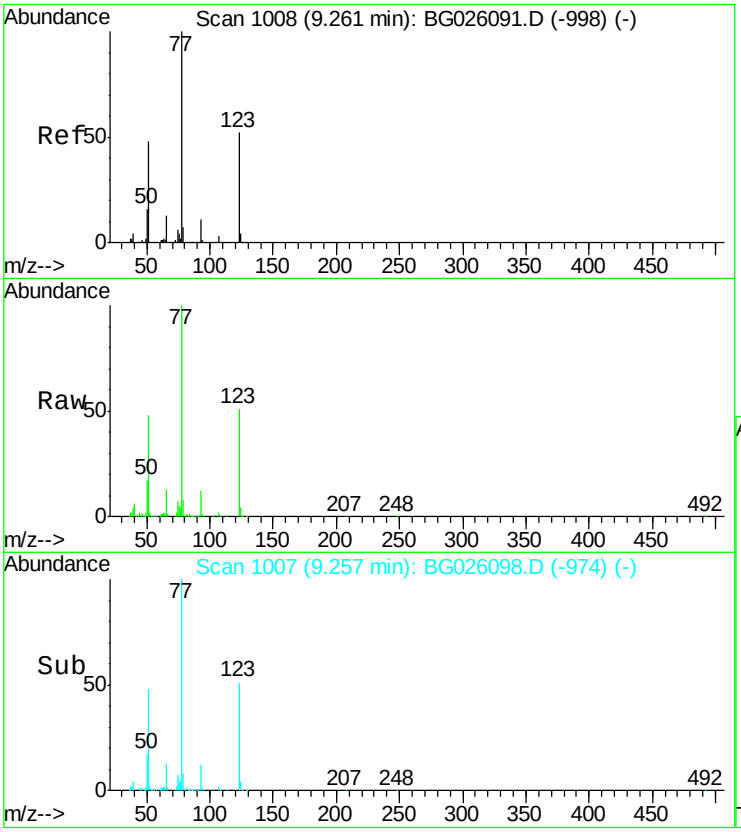


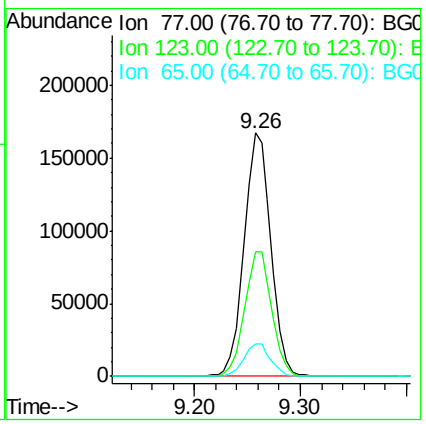


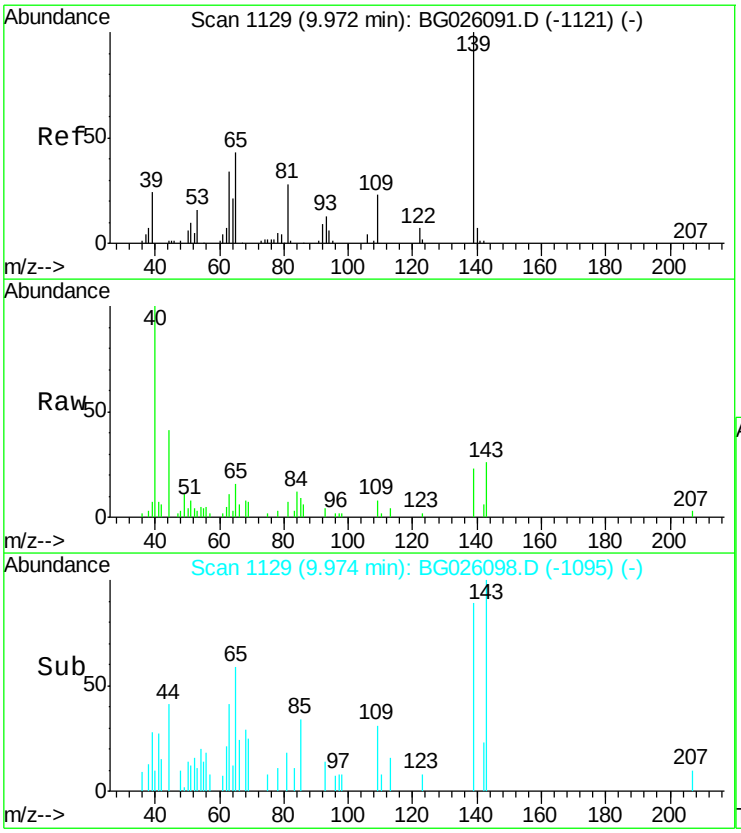
#20
Nitrobenzene
Concen: 41.10 ng/ul
RT: 9.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG026098.D
Acq: 7 Mar 2017 16:53

Instrument :
BNA_G
ClientSampleId :
C0BB8

Tgt Ion: 77 Resp: 295113

Ion	Ratio	Lower	Upper
77	100		
123	50.9	39.0	58.4
65	13.4	10.4	15.6

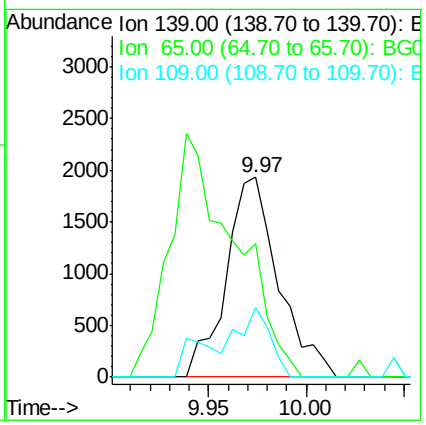


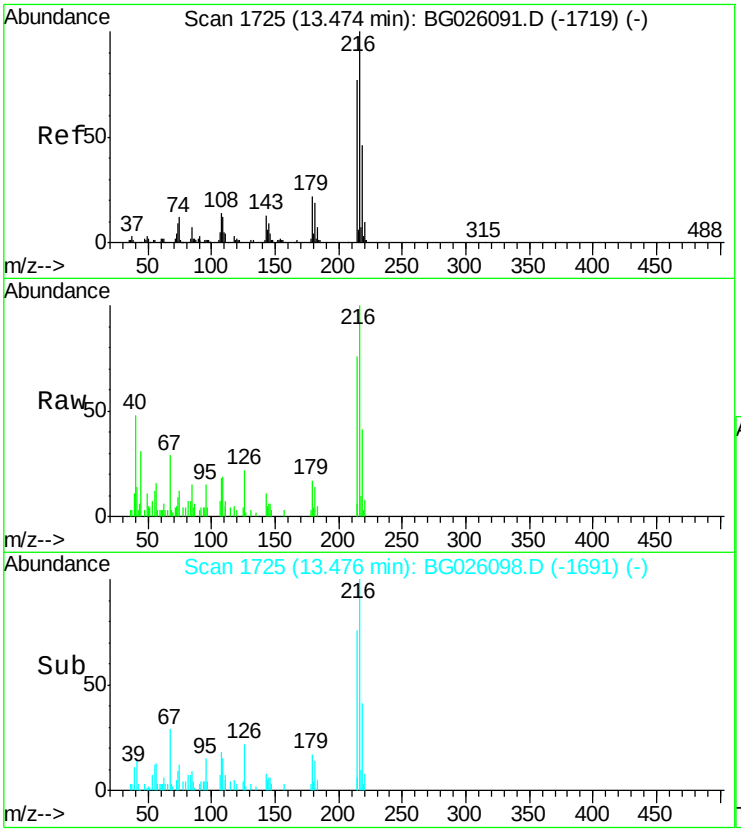


#23
2-Nitrophenol
Concen: 1.22 ng/ul
RT: 9.97 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG026098.D
Acq: 7 Mar 2017 16:53

Tgt Ion:139 Resp: 3596

Ion	Ratio	Lower	Upper
139	100		
65	66.6	36.3	54.5#
109	34.5	26.4	39.6





#72
1,2,3,4-Tetrachlorobenzene
Concen: 1.38 ng/uL
RT: 13.48 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG026098.D
Acq: 7 Mar 2017 16:53

Instrument :
BNA_G
ClientSampleId :
C0BB8

Tgt Ion:216 Resp: 10645

Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
218	41.4	38.4	57.6