Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021996.D
Acq On : 22 May 2016 2:38
Operator : UM/SJ
Sample : H3124-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG6

Quant Time: May 23 18:16:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 17:16:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	213760	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	111496	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	220315	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	229662	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	219913	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	4773	5.63	ng/uL	0.00
5) Phenol-d5	7.31	99	111326	27.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	64527	30.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	98563	29.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	95271	28.16	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	50756	32.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	53778	31.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	87644	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	130250	39.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	276370	33.00	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	386489	33.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	34606	24.00	ng/ul	0.00
57) Fluorene-d10	15.78	176	251489	32.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	32086	27.86	ng/ul	0.00
70) Anthracene-d10	17.63	188	350306	33.13	ng/ul	0.00
76) Pyrene-d10	19.91	212	378674	29.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	354057	34.70	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.63	142	25311	3.27	ng/ul	99
44) Dimethylphthalate	14.22	163	48274	5.74	ng/ul#	96
69) Phenanthrene	17.57	178	20146	1.64	ng/ul#	84

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

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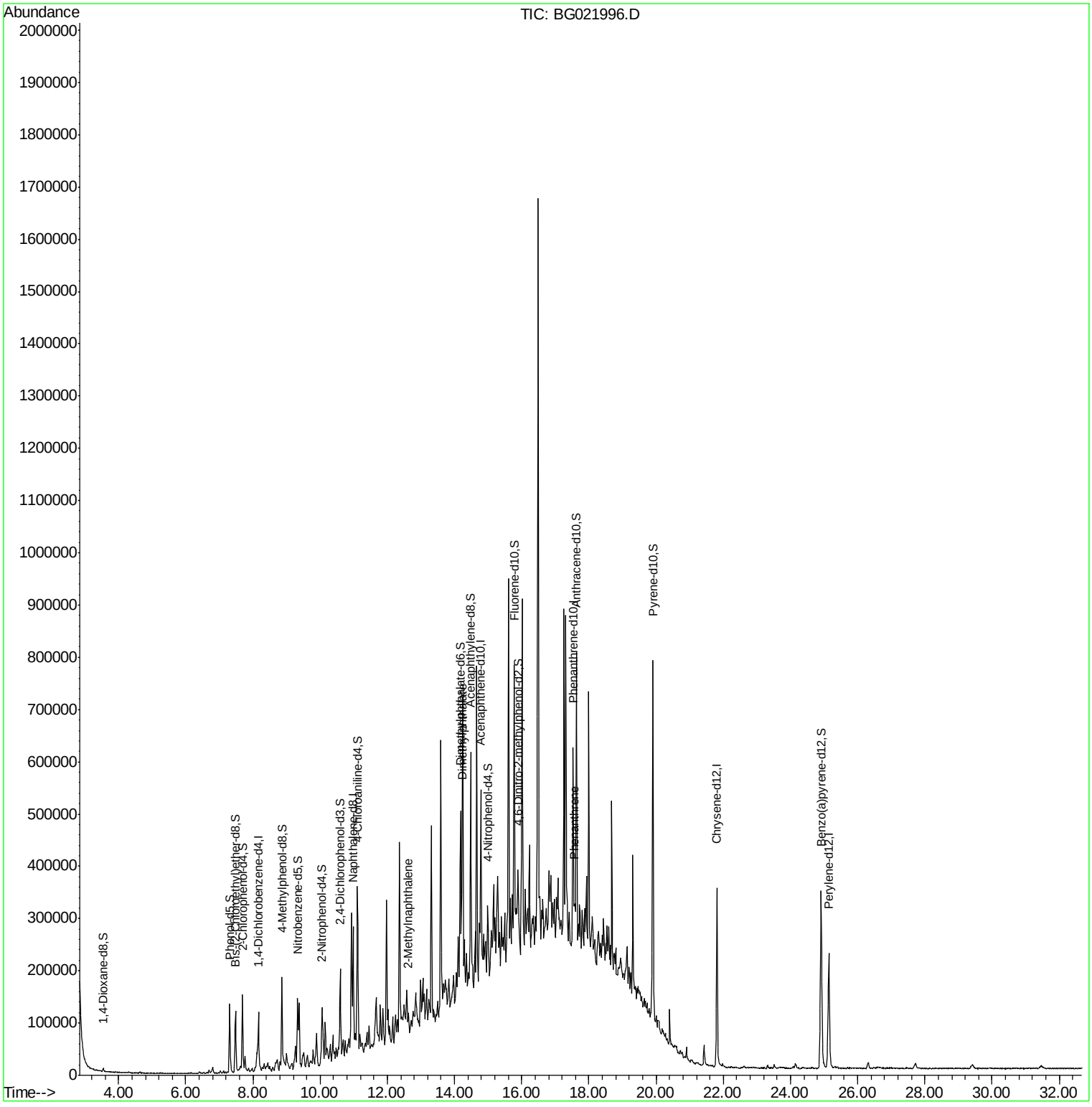
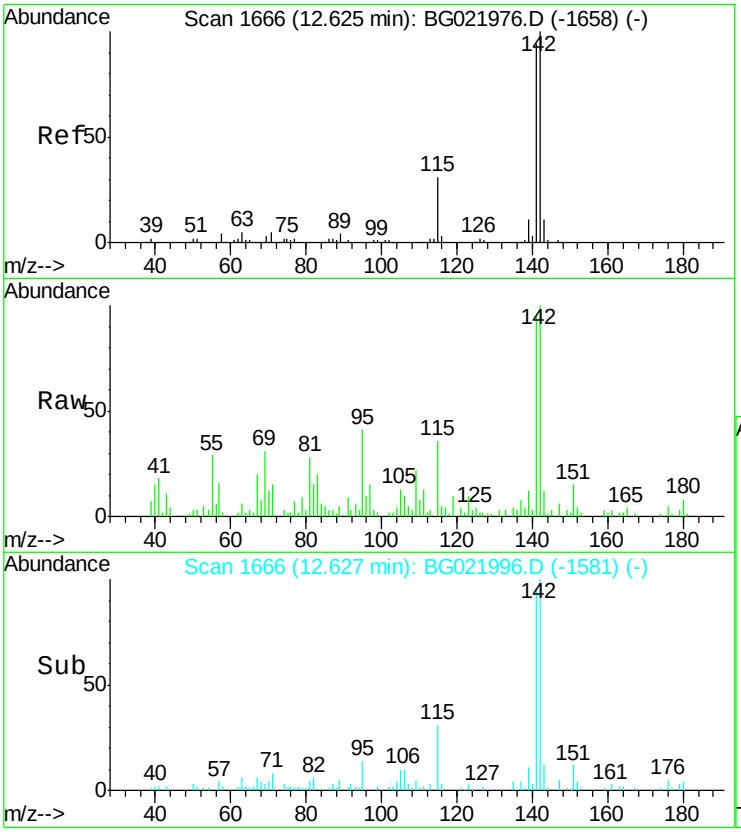


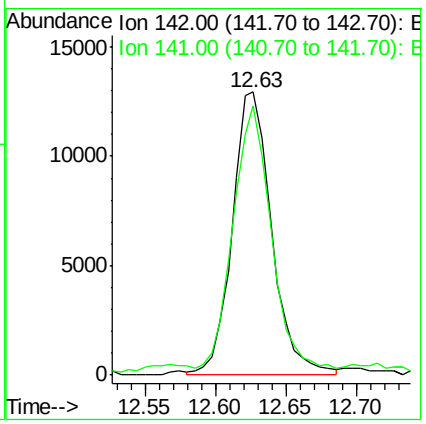


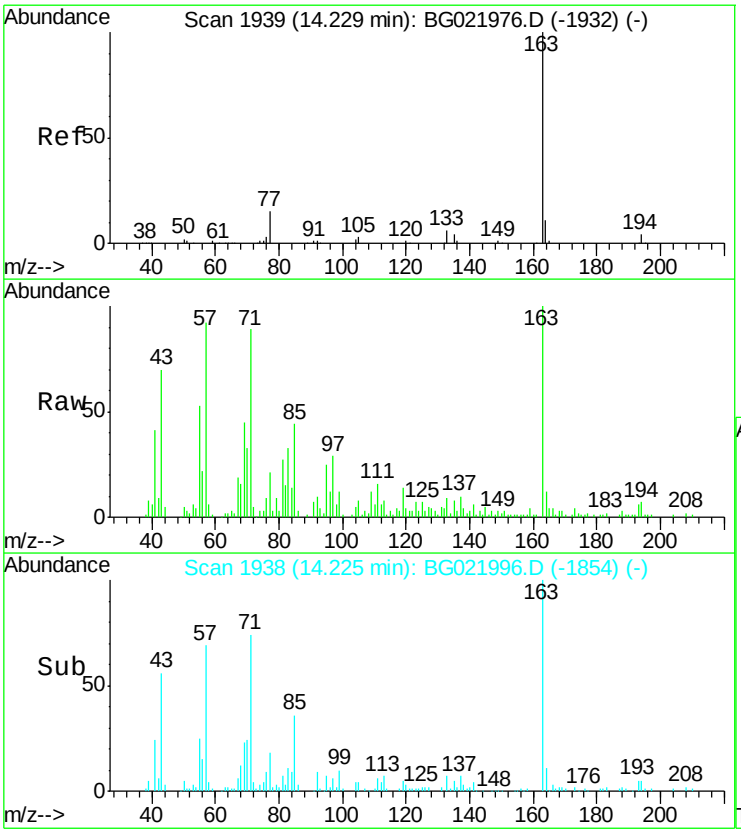
#34
2-Methylnaphthalene
Concen: 3.27 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG021996.D
Acq: 22 May 2016 2:38

Instrument :
BNA_G
ClientSampleId :
JHGG6

Tgt Ion:142 Resp: 25311

Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.2	112.8

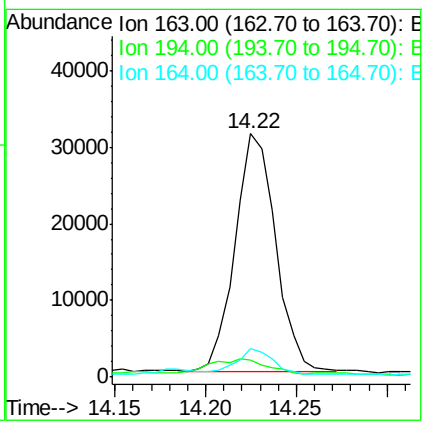


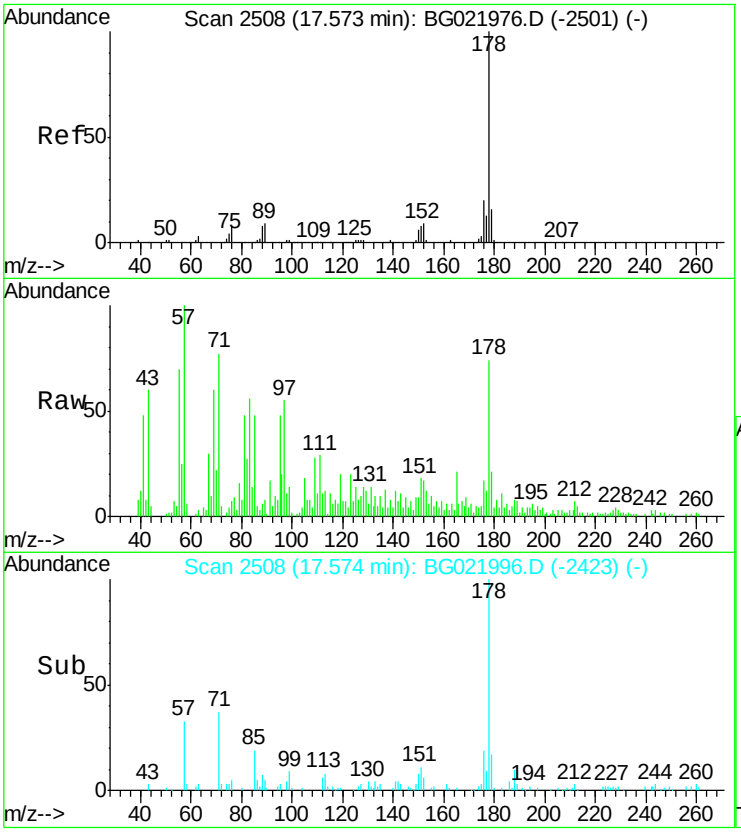


#44
Dimethylphthalate
Concen: 5.74 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG021996.D
Acq: 22 May 2016 2:38

Tgt Ion:163 Resp: 48274

Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.4	5.2#
164	11.9	8.8	13.2





#69
Phenanthrene
Concen: 1.64 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021996.D
Acq: 22 May 2016 2:38

Instrument :
BNA_G
ClientSampleId :
JHGG6

Tgt Ion:178 Resp: 20146

Ion	Ratio	Lower	Upper
178	100		
179	27.7	12.9	19.3#
176	22.9	15.8	23.8