Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019788.D
Acq On : 22 Nov 2015 18:20
Operator : UM/NP
Sample : G4345-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4J68

Quant Time: Nov 23 03:33:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	67821	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	63711	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	188028	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	267320	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	256387	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	1869	4.83	ng/uL	0.00
5) Phenol-d5	7.26	99	46608	27.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	30410	27.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	31193	28.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	40578	28.93	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	15839	28.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	20854	33.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	42658	31.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	51629	40.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	192267	33.37	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	184974	29.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	29128	32.08	ng/ul	0.00
58) Fluorene-d10	15.74	176	156491	30.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	32159	26.48	ng/ul	0.00
71) Anthracene-d10	17.60	188	277458	30.39	ng/ul	0.00
79) Pyrene-d10	19.87	212	344411	28.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	382869	28.60	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.28	94	3030	1.66	ng/ul	92
45) Dimethylphthalate	14.19	163	109233	19.12	ng/ul	99
70) Phenanthrene	17.54	178	12525	1.24	ng/ul	100
77) Fluoranthene	19.54	202	14821	1.16	ng/ul#	97

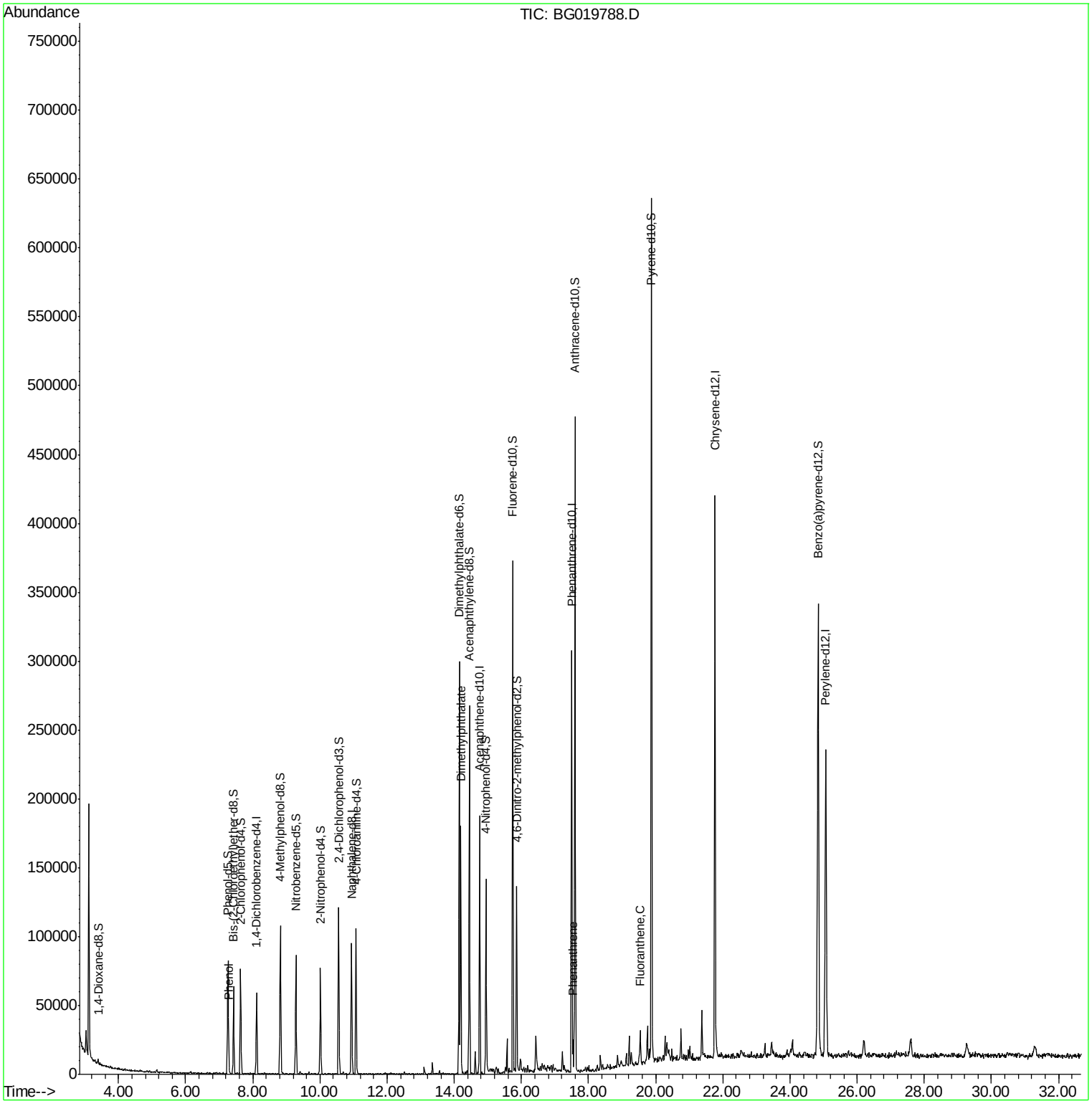
(#) = qualifier out of range (m) = manual integration (+) = signals summed

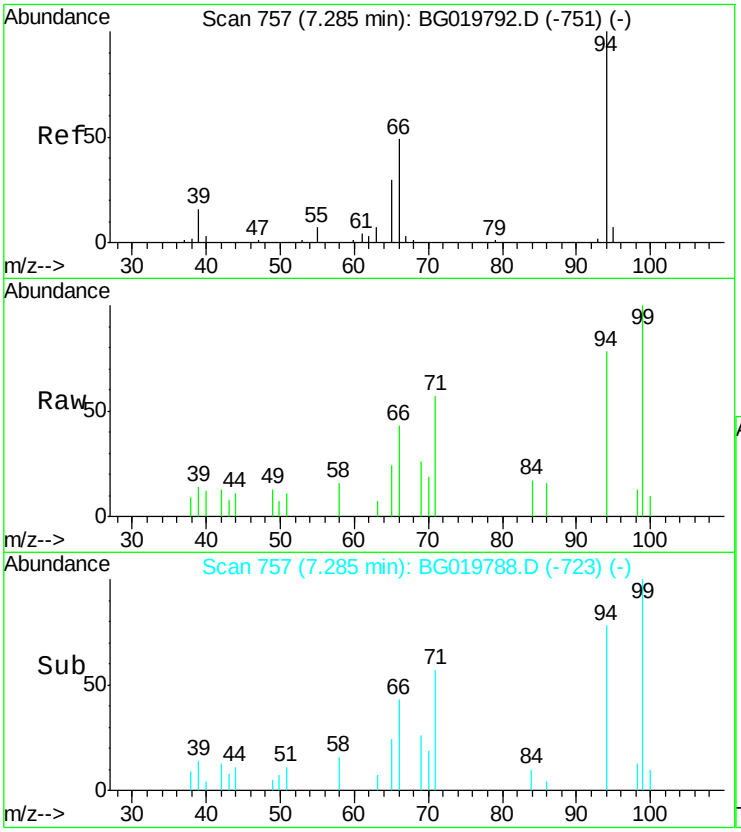
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019788.D
Acq On : 22 Nov 2015 18:20
Operator : UM/NP
Sample : G4345-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4J68

Quant Time: Nov 23 03:33:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 01:15:23 2015
Response via : Initial Calibration



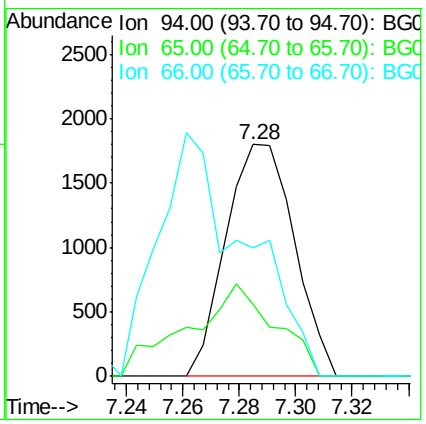


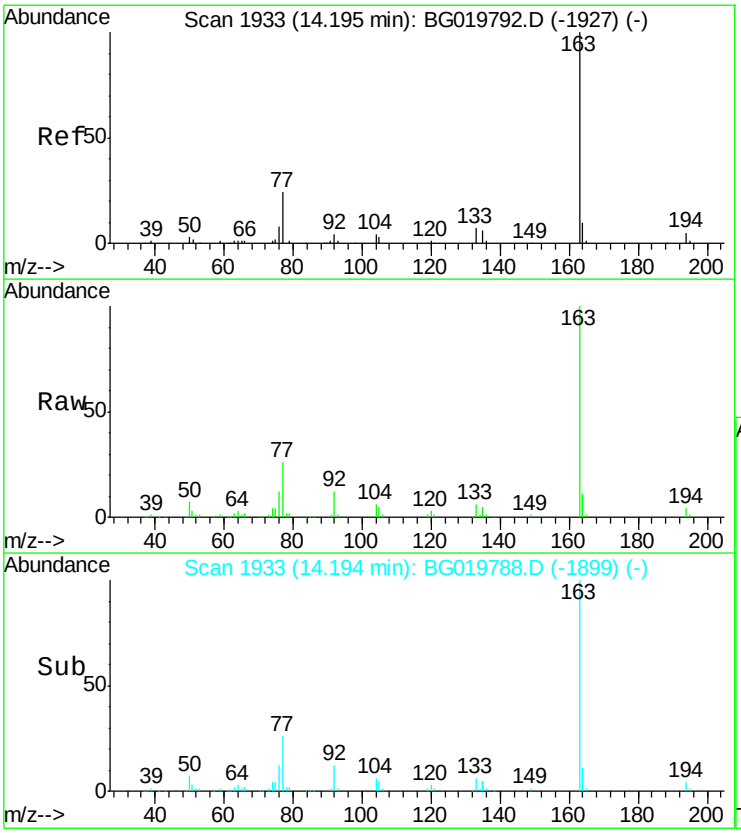
#6
Phenol
Concen: 1.66 ng/ul
RT: 7.28 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG019788.D
Acq: 22 Nov 2015 18:20

Instrument :
BNA_G
ClientSampleId :
A4J68

Tgt Ion: 94 Resp: 3030

Ion	Ratio	Lower	Upper
94	100		
65	31.1	27.4	41.0
66	55.5	39.0	58.6

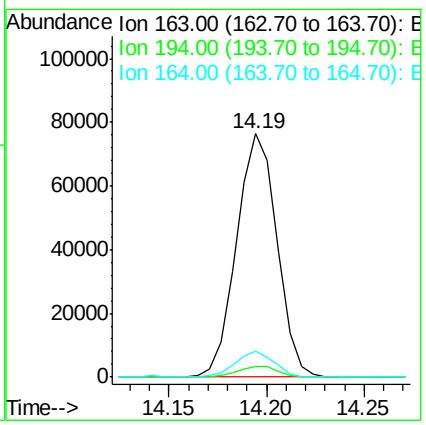


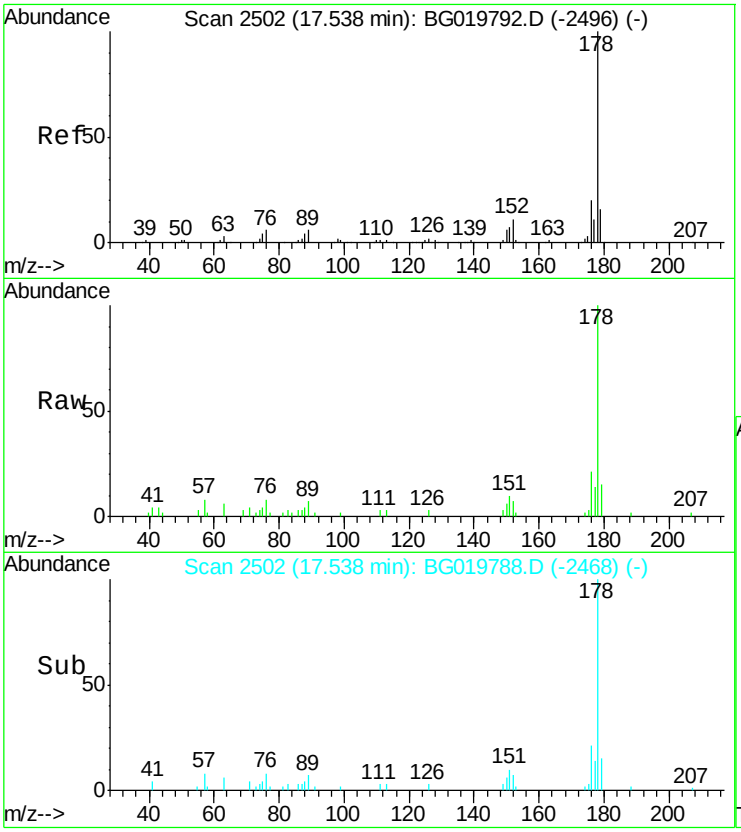


#45
Dimethylphthalate
Concen: 19.12 ng/ul
RT: 14.19 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG019788.D
Acq: 22 Nov 2015 18:20

Tgt Ion:163 Resp: 109233

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.9	8.3	12.5



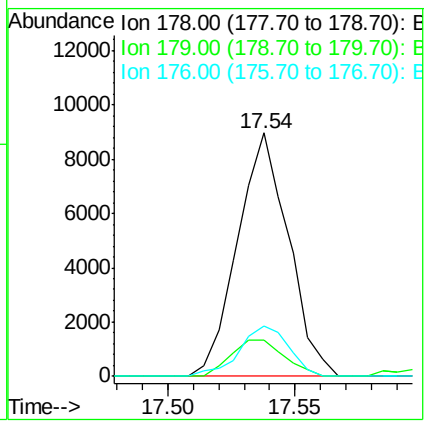


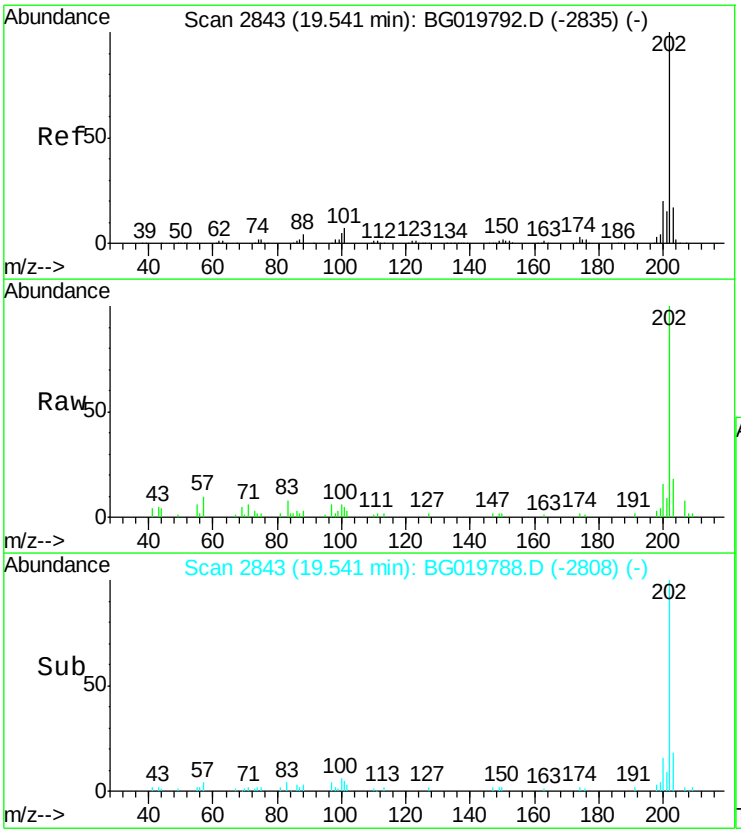
#70
Phenanthrene
Concen: 1.24 ng/ul
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG019788.D
Acq: 22 Nov 2015 18:20

Instrument :
BNA_G
ClientSampleId :
A4J68

Tgt Ion:178 Resp: 12525

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	20.7	16.6	24.8





#77
Fluoranthene
Concen: 1.16 ng/ul
RT: 19.54 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG019788.D
Acq: 22 Nov 2015 18:20

Tgt Ion:202 Resp: 14821

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.2	7.8#
100	6.5	5.0	7.4