Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA870

Quant Time: Dec 16 03:27:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:23:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	62143	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	303308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	241929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	525943	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	652932	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	620859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4448	3.70	ng/uL	0.00
5) Phenol-d5	7.38	99	127711	23.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	78022	23.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	86453	23.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	103500	23.10	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	46582	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	58520	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	111395	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	136731	27.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	366508	22.02	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	426280	23.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	52538	18.37	ng/ul	0.00
57) Fluorene-d10	15.84	176	336844	21.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	62598	19.25	ng/ul	0.00
70) Anthracene-d10	17.70	188	521042	23.47	ng/ul	0.00
76) Pyrene-d10	19.97	212	641388	23.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	606226	24.10	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	19255	3.50	ng/ul#	79
28) Naphthalene	11.12	128	23300	1.65	ng/ul#	80
34) 2-Methylnaphthalene	12.70	142	27087	2.43	ng/ul	91
40) 1,1'-Biphenyl	13.69	154	19768	1.35	ng/ul#	92
44) Dimethylphthalate	14.29	163	52050	3.18	ng/ul#	93

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

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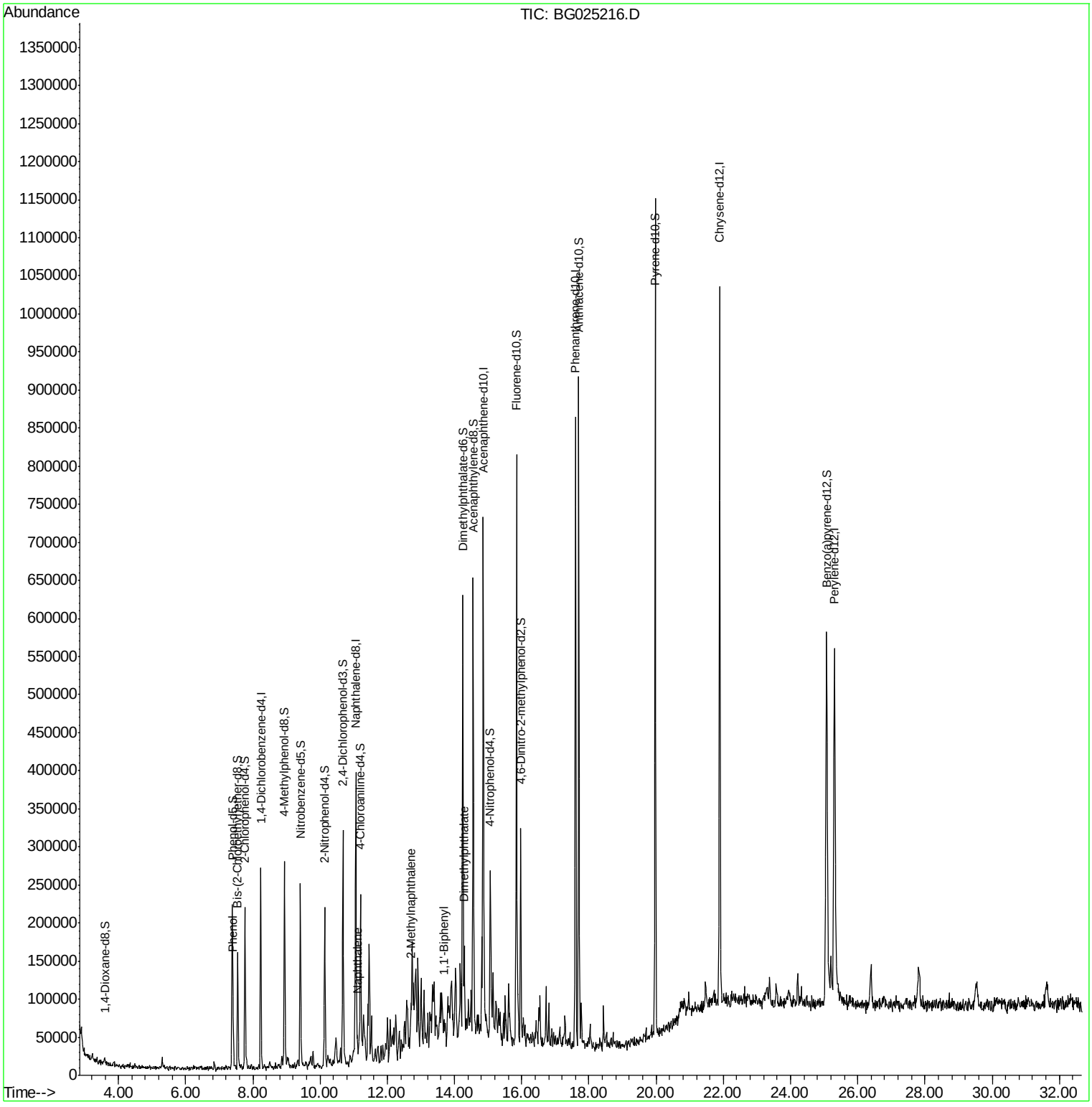
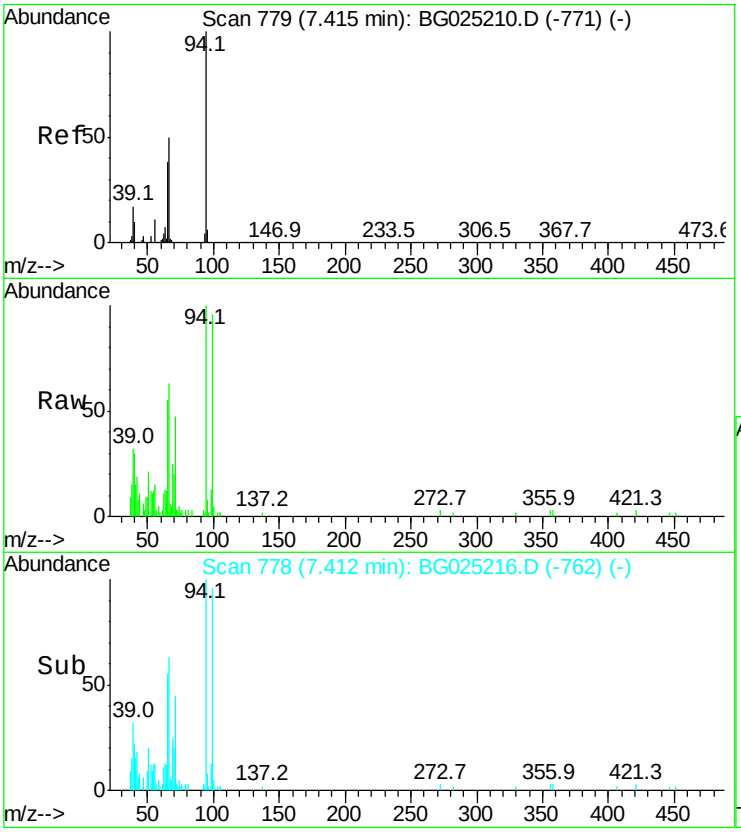


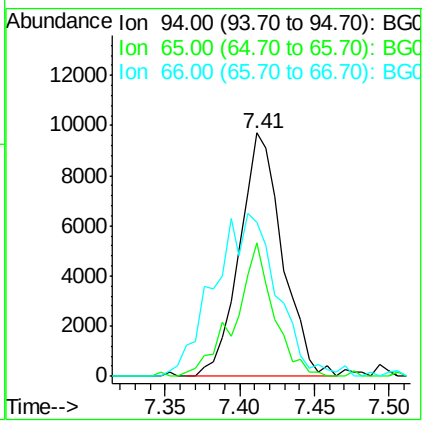


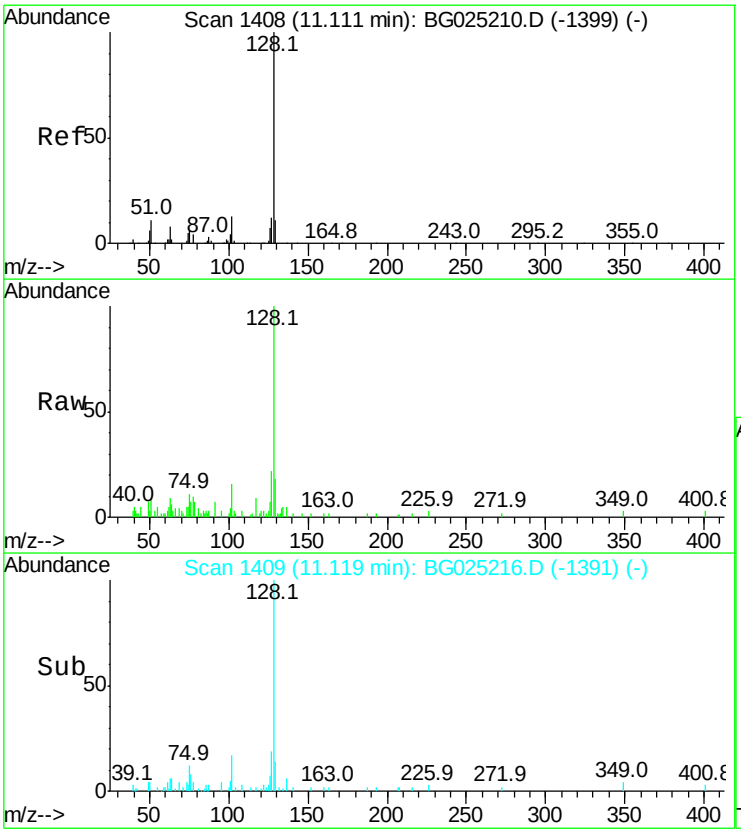
#6
Phenol
Concen: 3.50 ng/ul
RT: 7.41 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG025216.D
Acq: 15 Dec 2016 17:59

Instrument :
BNA_G
ClientSampleId :
DA870

Tgt Ion: 94 Resp: 19255

Ion	Ratio	Lower	Upper
94	100		
65	55.0	26.8	40.2#
66	63.3	44.4	66.6

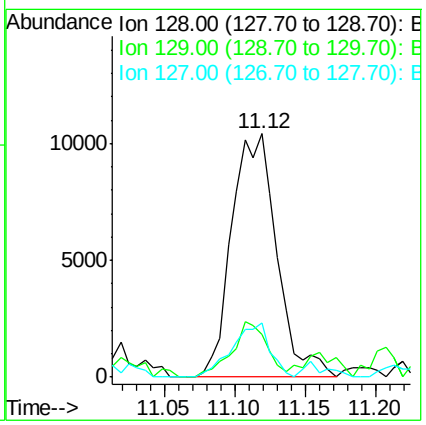


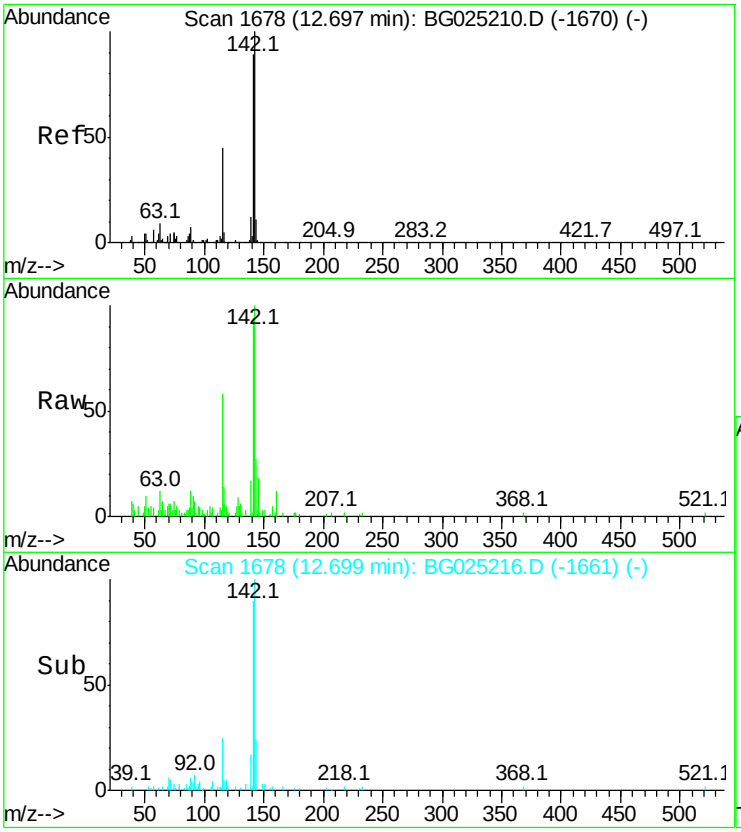


#28
Naphthalene
Concen: 1.65 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BG025216.D
Acq: 15 Dec 2016 17:59

Tgt Ion:128 Resp: 23300

Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.4	14.2#
127	22.2	10.3	15.5#



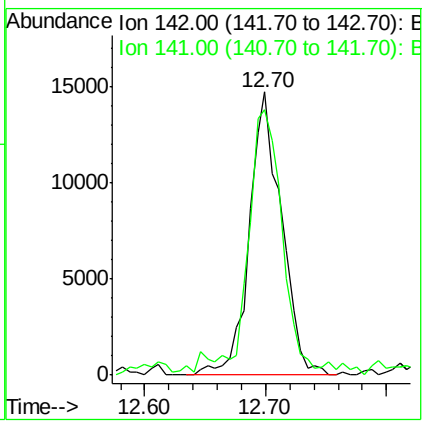


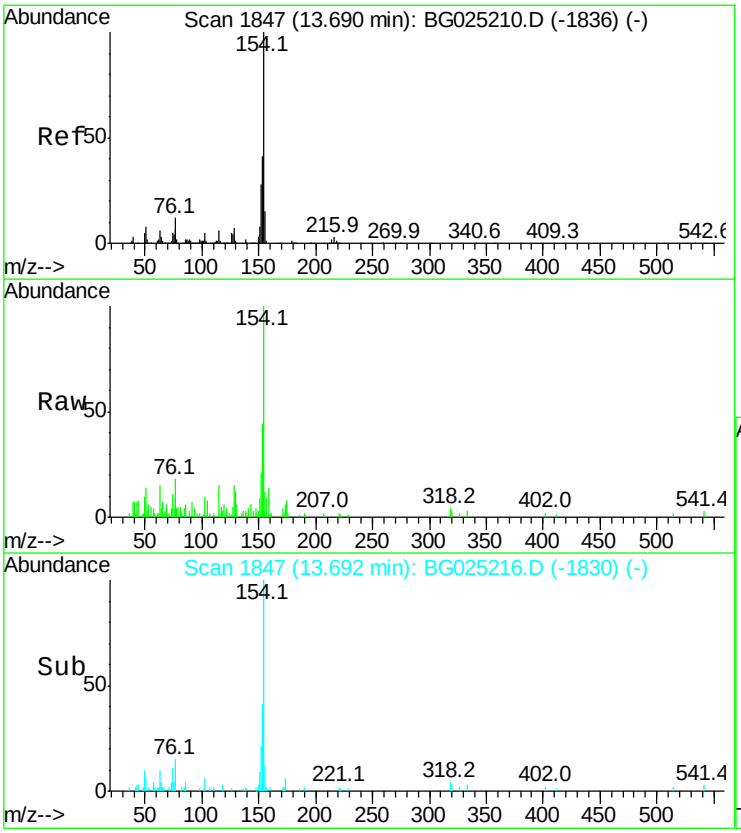
#34
2-Methylnaphthalene
Concen: 2.43 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG025216.D
Acq: 15 Dec 2016 17:59

Instrument :
BNA_G
ClientSampleId :
DA870

Tgt Ion:142 Resp: 27087

Ion	Ratio	Lower	Upper
142	100		
141	93.6	68.6	102.8

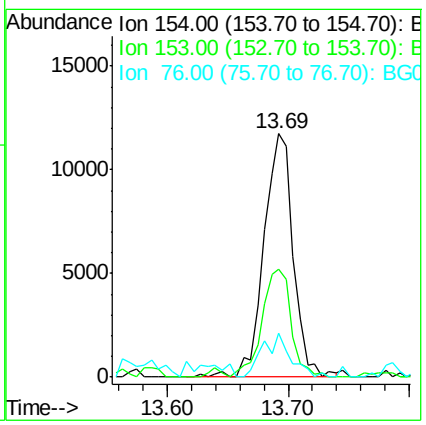


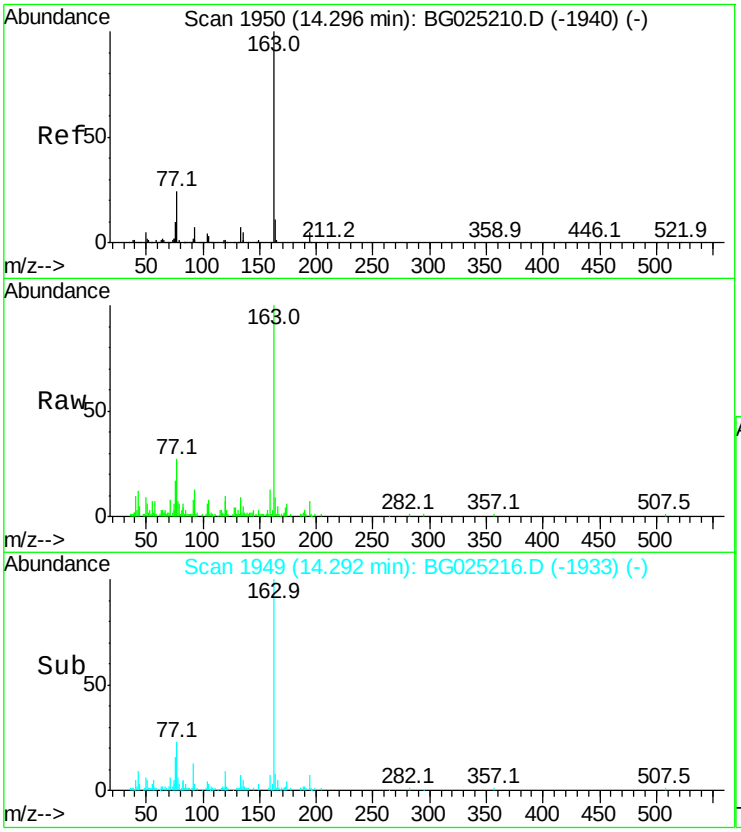


#40
1,1'-Biphenyl
Concen: 1.35 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025216.D
Acq: 15 Dec 2016 17:59

Tgt Ion:154 Resp: 19768

Ion	Ratio	Lower	Upper
154	100		
153	44.2	32.2	48.2
76	17.9	9.6	14.4#





#44
Dimethylphthalate
Concen: 3.18 ng/ul
RT: 14.29 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG025216.D
Acq: 15 Dec 2016 17:59

Instrument :
BNA_G
ClientSampleId :
DA870

Tgt Ion:163 Resp: 52050

Ion	Ratio	Lower	Upper
163	100		
194	7.3	3.4	5.0#
164	8.8	9.0	13.4#