Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:27:37 PM

Quant Time: Oct 20 08:12:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	63521	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	41043	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	92348m	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	108601m	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	100786	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	351	1.35	ng/uL	0.00
5) Phenol-d5	7.19	99	3240	2.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	1948	2.40	ng/ul	0.02
9) 2-Chlorophenol-d4	7.54	132	2488	2.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	2813	2.63	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	1313	2.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	1411	2.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	2810	2.73	ng/ul	0.02
29) 4-Chloroaniline-d4	10.96	131	9694m	7.32	ng/ul	0.02
44) Dimethylphthalate-d6	14.05	166	9298	2.59	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	10340	2.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	1613	2.50	ng/ul	0.02
58) Fluorene-d10	15.63	176	9313	3.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	96	0.17	ng/ul	0.04
71) Anthracene-d10	17.49	188	11968	2.74	ng/ul	0.00
79) Pyrene-d10	19.77	212	13438m	2.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	14737	2.89	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.22	94	27358	20.80	ng/ul#	85
11) 2-Methylphenol	8.47	108	52495	50.85	ng/ul	96
16) 4-Methylphenol	8.81	108	139925	120.80	ng/ul	99
24) 2,4-Dimethylphenol	10.04	107	92461m	69.15	ng/ul	
28) Naphthalene	10.86	128	19181	5.78	ng/ul	99
34) 2-Methylnaphthalene	12.47	142	17505	6.65	ng/ul	95
35) 1-Methylnaphthalene	12.68	142	10975	4.26	ng/ul#	94
59) Fluorene	15.68	166	3988	1.15	ng/ul	96

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

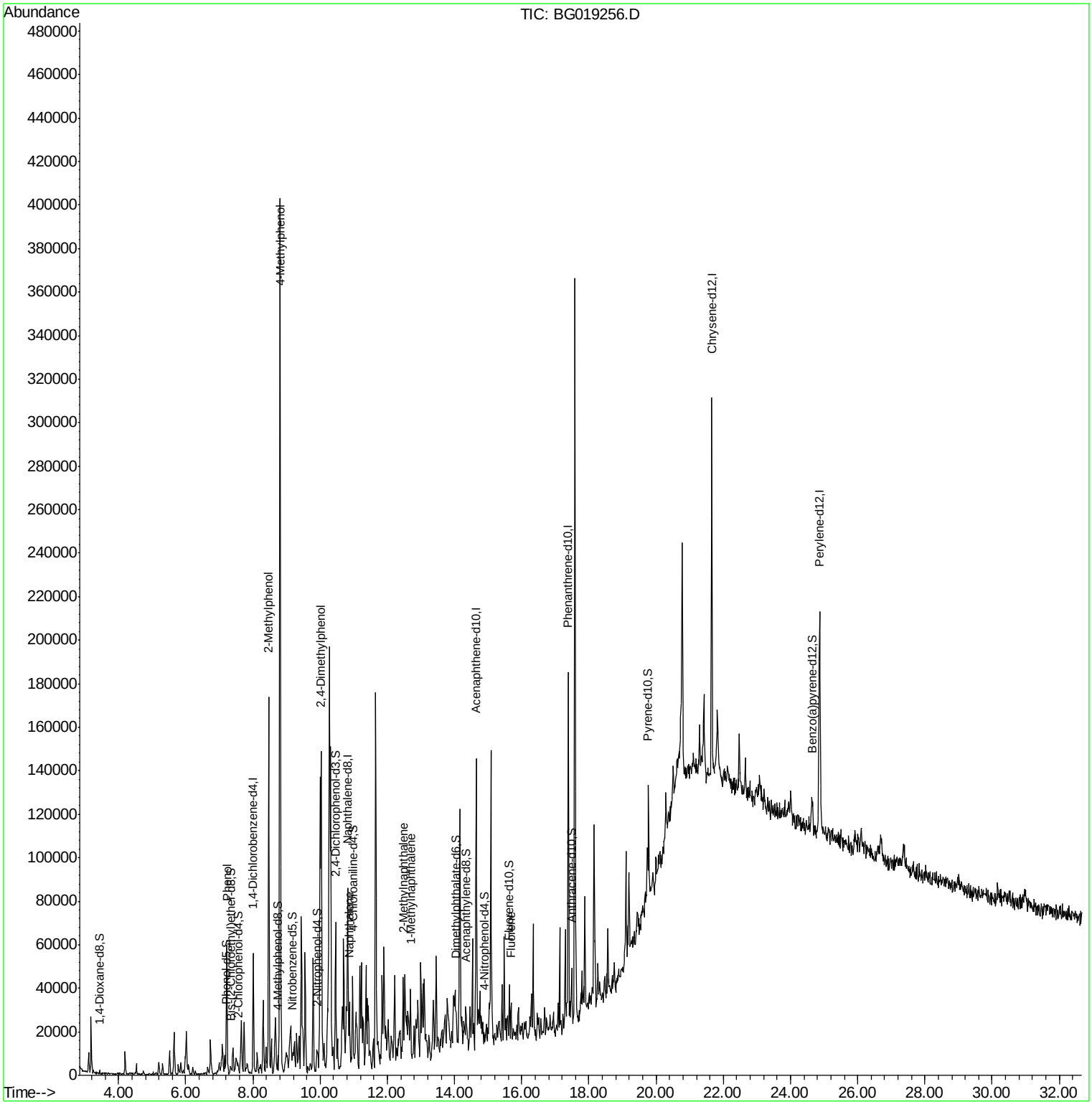
Quantitation Report (LSC Reviewed)

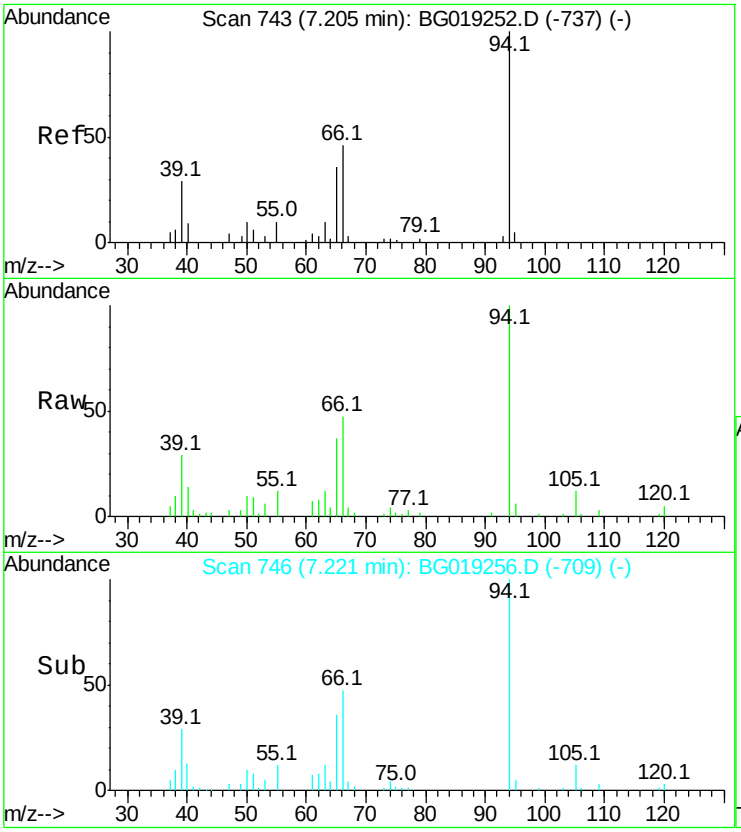
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 08:12:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:27:37 PM

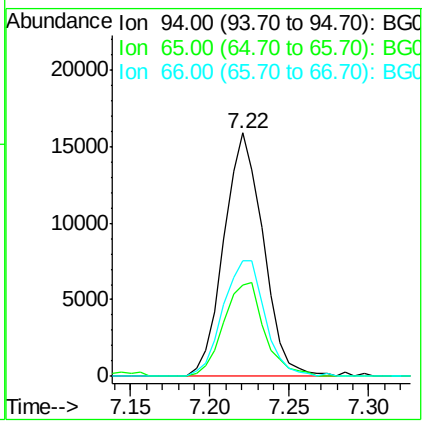




#6
Phenol
Concen: 20.80 ng/ul
RT: 7.22 min Scan# 746
Delta R.T. 0.02 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

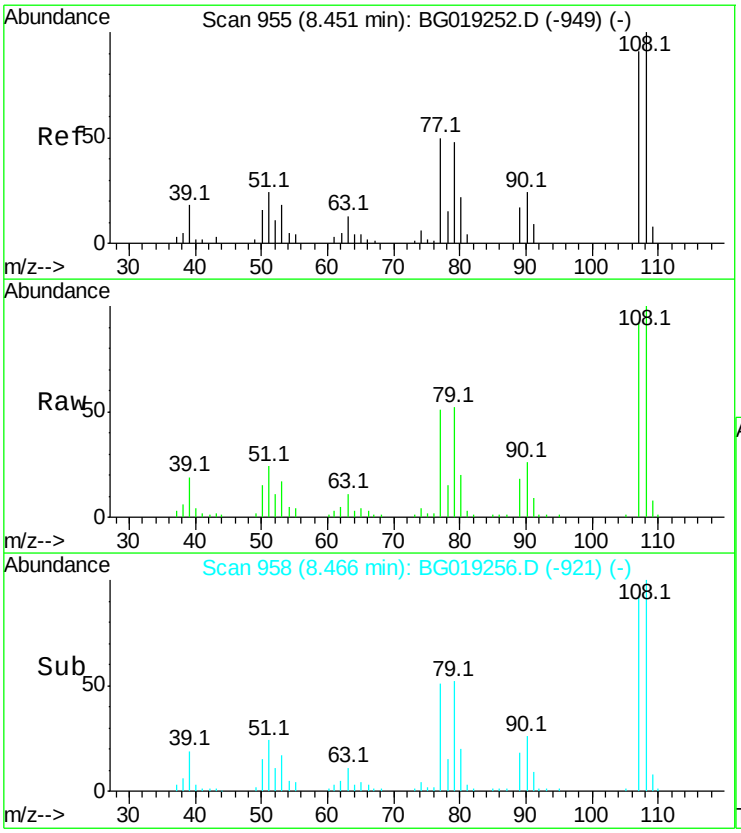
Tgt Ion: 94 Resp: 27358

Ion	Ratio	Lower	Upper
94	100		
65	37.2	24.9	37.3
66	47.4	29.1	43.7#



Instrument :
BNA_G
ClientSampleId :
E5LK5DL

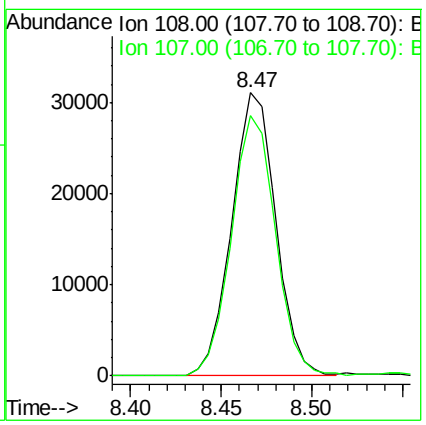
Manual Integrations APPROVED
MMdadoda
10/20/2015 6:27:37 PM

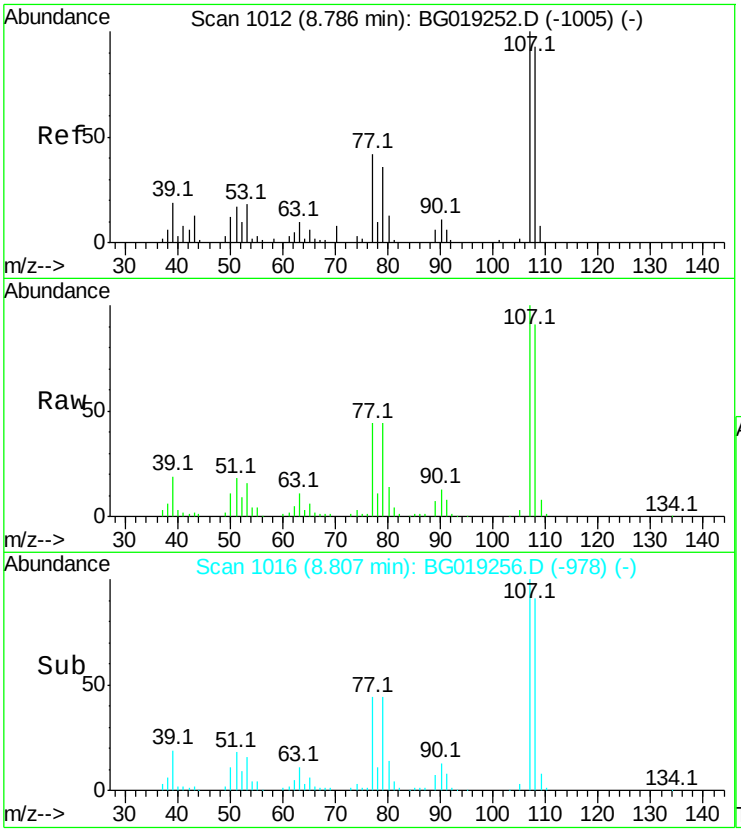


#11
2-Methylphenol
Concen: 50.85 ng/ul
RT: 8.47 min Scan# 958
Delta R.T. 0.02 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

Tgt Ion:108 Resp: 52495

Ion	Ratio	Lower	Upper
108	100		
107	92.1	76.7	115.1





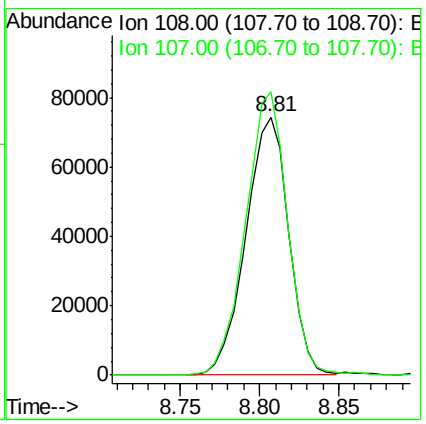
#16
4-Methylphenol
Concen: 120.80 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

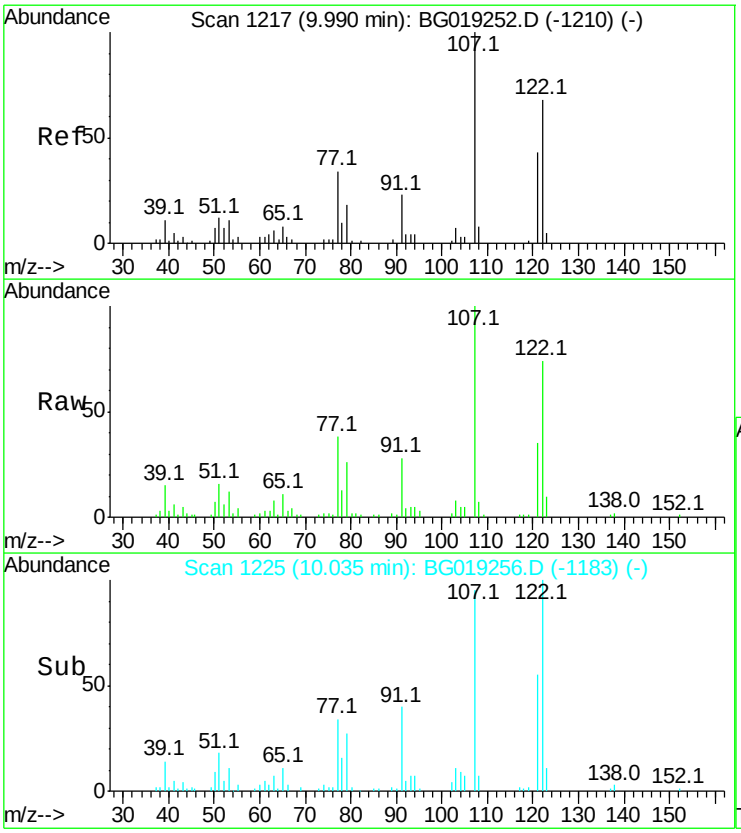
Tgt Ion:108 Resp: 139925

Ion	Ratio	Lower	Upper
108	100		
107	109.6	86.6	130.0

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:27:37 PM

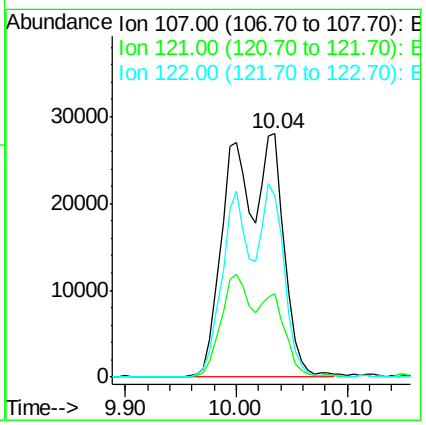


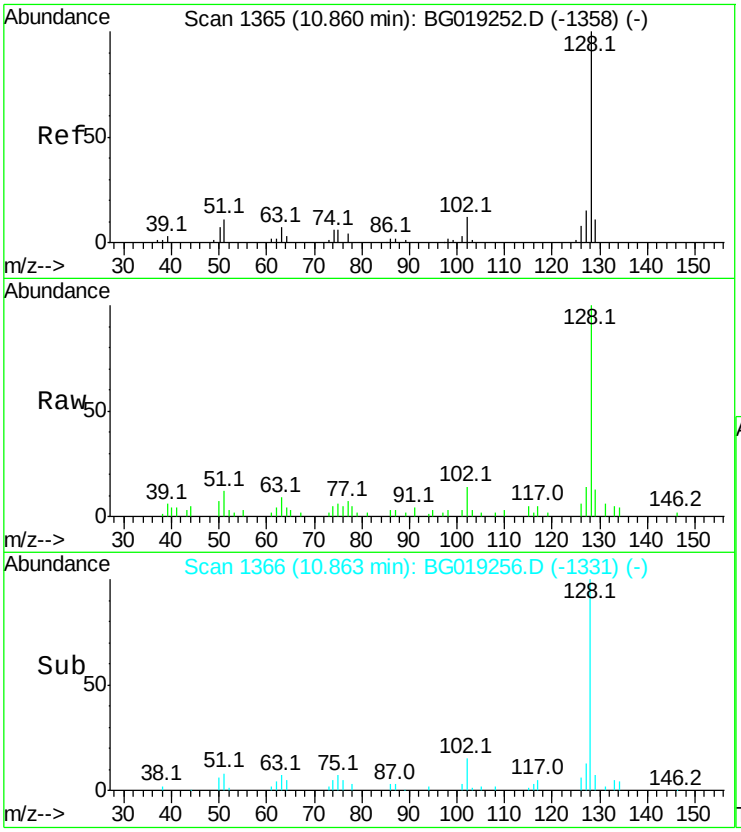


#24
2,4-Dimethylphenol
Concen: 69.15 ng/ul m
RT: 10.04 min Scan# 1225
Delta R.T. 0.04 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

Tgt Ion:107 Resp: 92461

Ion	Ratio	Lower	Upper
107	100		
121	34.5	37.2	55.8#
122	74.2	67.6	101.4

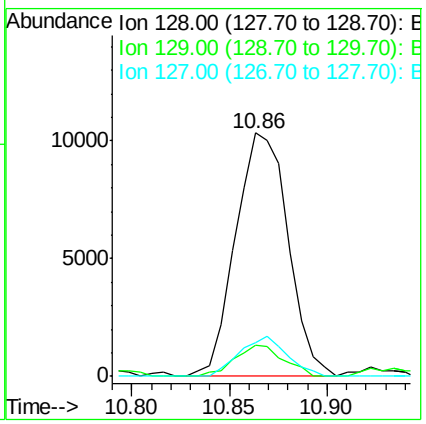




#28
Naphthalene
Concen: 5.78 ng/ul
RT: 10.86 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

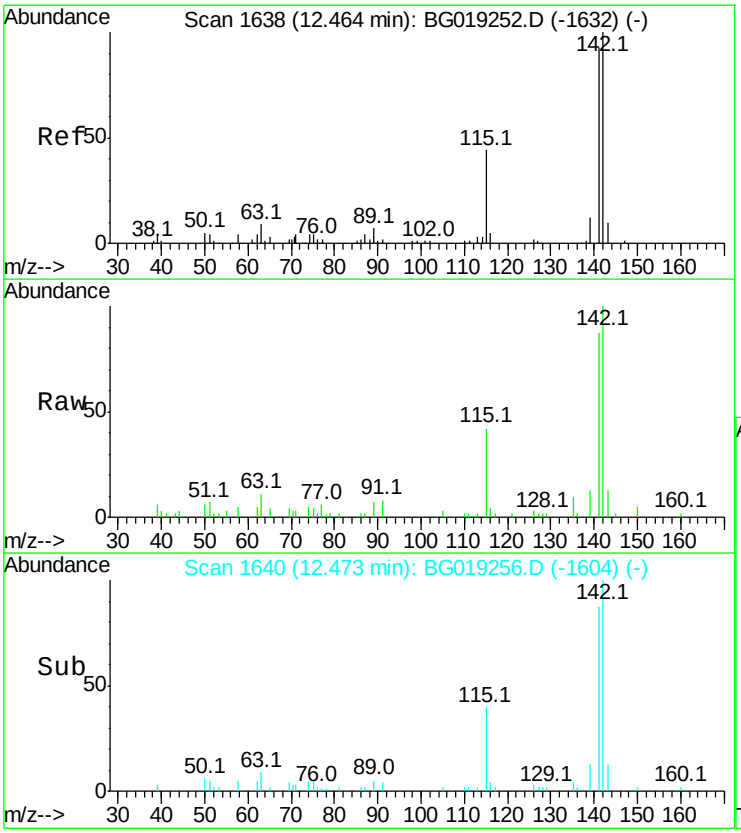
Tgt Ion:128 Resp: 19181

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	13.8	11.3	16.9



Instrument :
BNA_G
ClientSampleId :
E5LK5DL

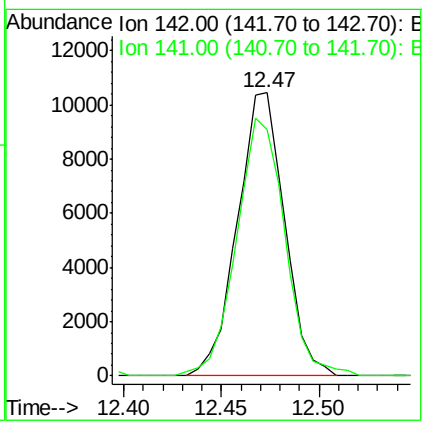
Manual Integrations APPROVED
MMdadoda
10/20/2015 6:27:37 PM

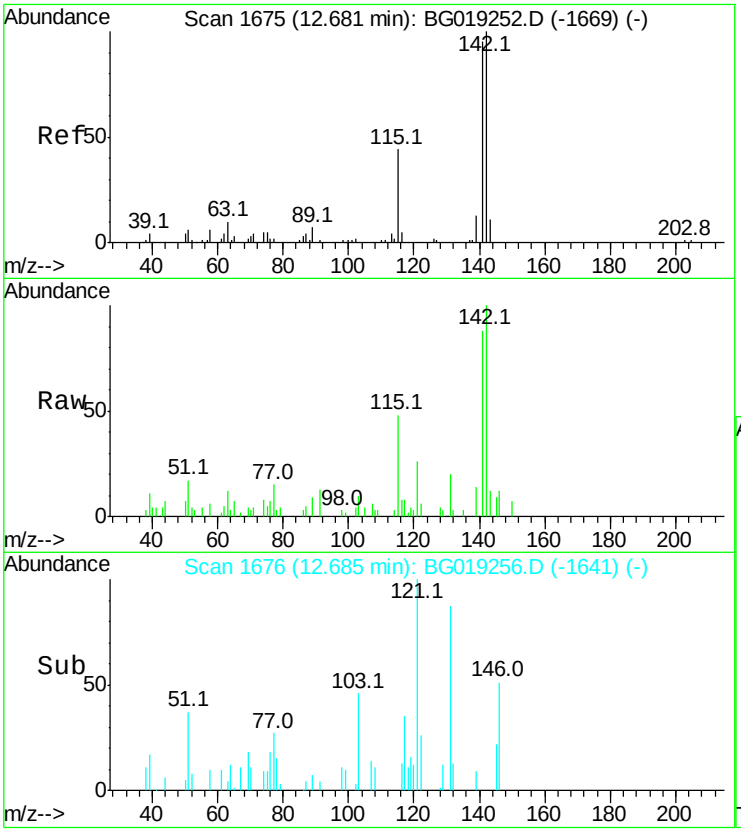


#34
2-Methylnaphthalene
Concen: 6.65 ng/ul
RT: 12.47 min Scan# 1640
Delta R.T. 0.01 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

Tgt Ion:142 Resp: 17505

Ion	Ratio	Lower	Upper
142	100		
141	86.9	73.4	110.0

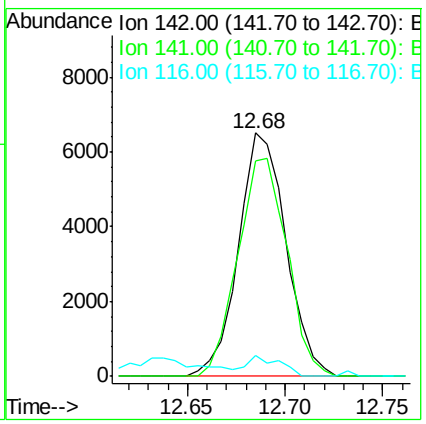




#35
1-Methylnaphthalene
Concen: 4.26 ng/ul
RT: 12.68 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

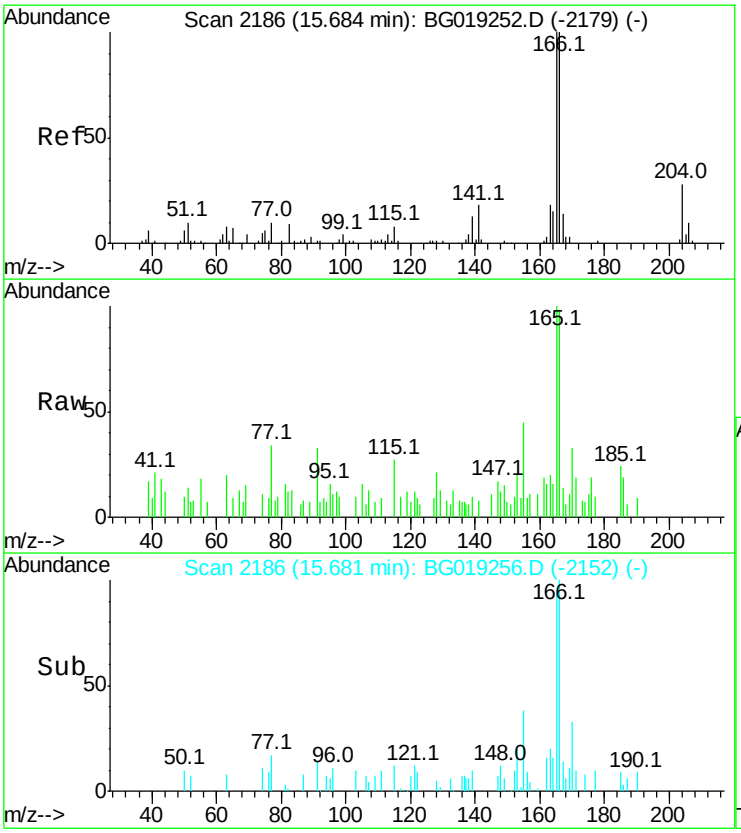
Tgt Ion:142 Resp: 10975

Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.8	112.2
116	8.5	3.2	4.8#



Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:27:37 PM



#59
Fluorene
Concen: 1.15 ng/ul
RT: 15.68 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG019256.D
Acq: 20 Oct 2015 1:28

Tgt Ion:166 Resp: 3988

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.7	116.5
167	13.9	10.4	15.6