

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018075.D
 Acq On : 23 Jul 2015 21:28
 Operator : TP/UM
 Sample : G3035-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01H5

Manual Integrations
 APPROVED

apatel
 7/24/2015 4:50:46 PM

Quant Time: Jul 24 01:49:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	55742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	265597	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	170434	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	374354	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	371298	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	371750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	6200	6.95	ng/uL	0.00
5) Phenol-d5	6.70	99	145622	33.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	76673	36.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	133908	35.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	132401	34.72	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	72782	34.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	80403	36.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	132256	34.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	178124	39.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	414956	34.68	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	499395	33.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	83101	33.01	ng/ul	0.00
58) Fluorene-d10	15.18	176	358333	32.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	60501	25.28	ng/ul	0.00
71) Anthracene-d10	17.03	188	521827	32.18	ng/ul	0.00
79) Pyrene-d10	19.34	212	520920	30.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	461798	26.03	ng/ul	0.00

Target Compounds						Qvalue
45) Dimethylphthalate	13.64	163	97856	8.13	ng/ul	98
77) Fluoranthene	19.00	202	28291	1.41	ng/ul#	95
80) Pyrene	19.36	202	34728	1.63	ng/ul	97
85) Chrysene	21.17	228	18722	1.01	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	23908m	1.17	ng/ul	

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

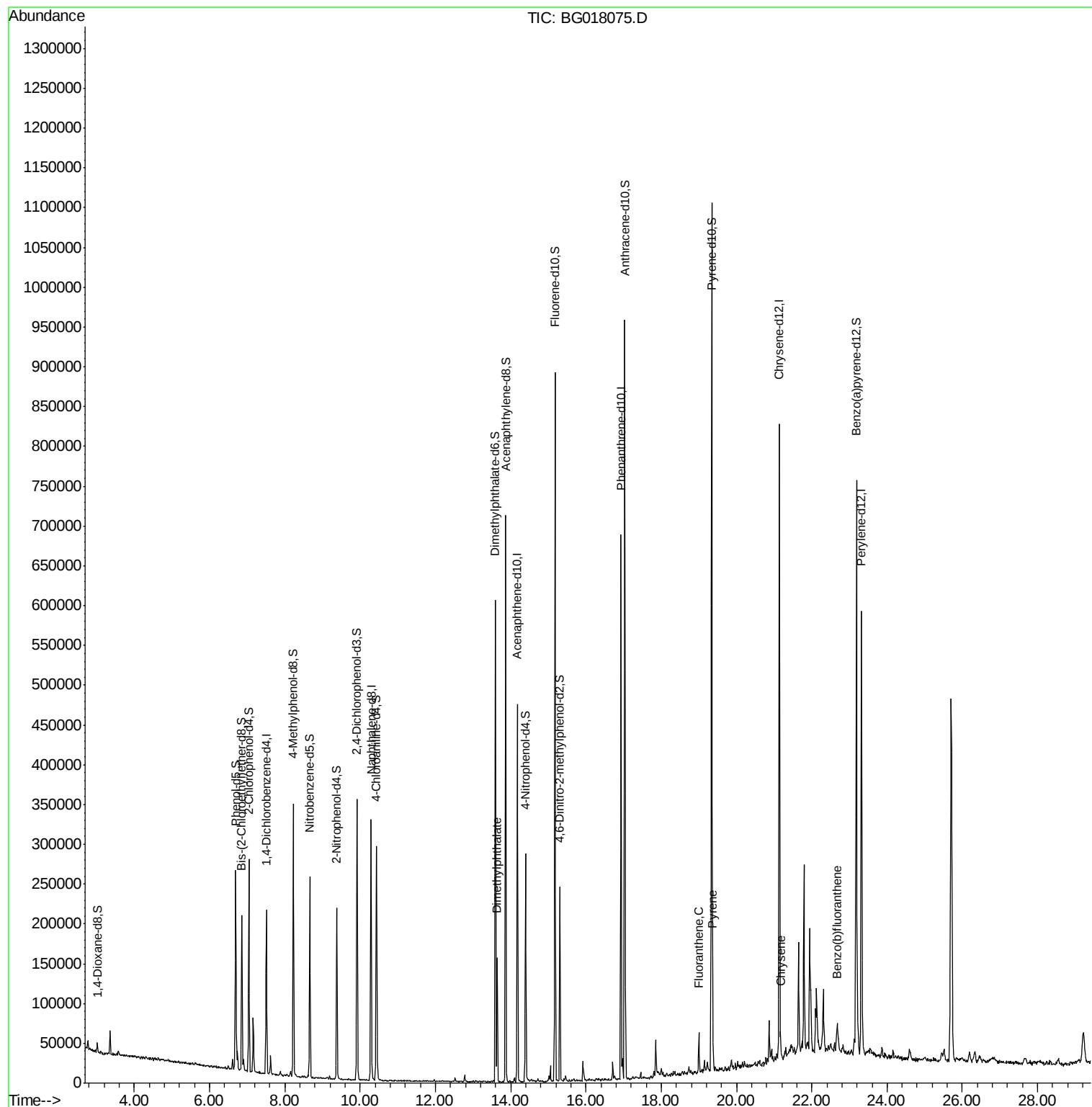
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018075.D
Acq On : 23 Jul 2015 21:28
Operator : TP/UM
Sample : G3035-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

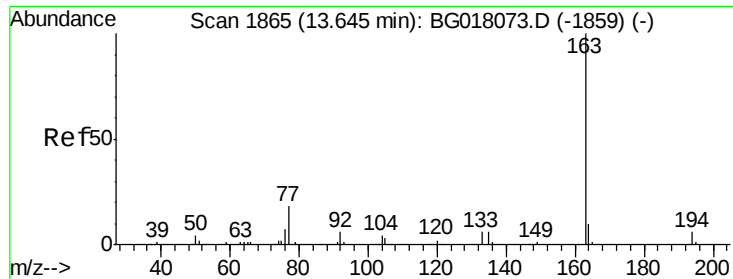
Instrument :
BNA_G
ClientSampleId :
C01H5

Manual Integrations
APPROVED

apatel
7/24/2015 4:50:46 PM

Quant Time: Jul 24 01:49:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration





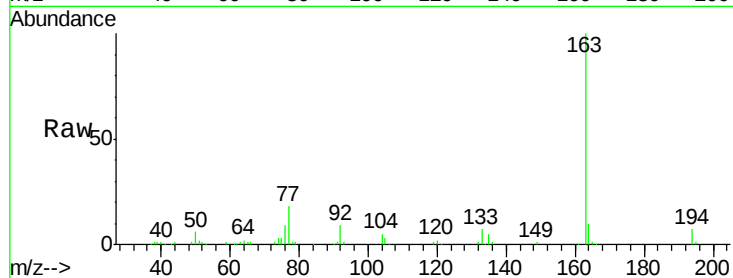
#45
Dimethylphthalate
Concen: 8.13 ng/ul
RT: 13.64 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG018075.D
Acq: 23 Jul 2015 21:28

Instrument :
BNA_G
ClientSampleId :
C01H5

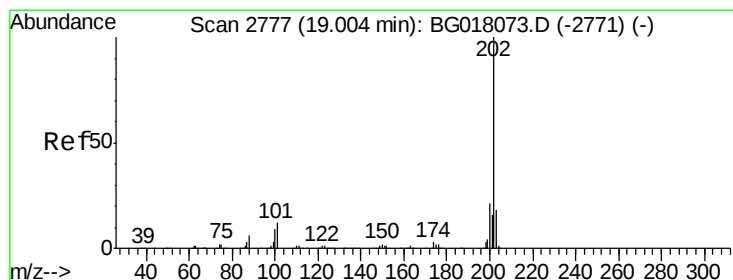
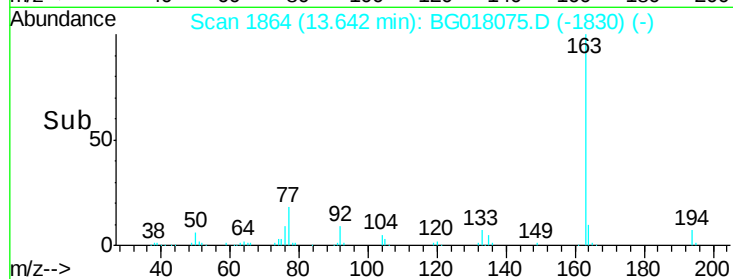
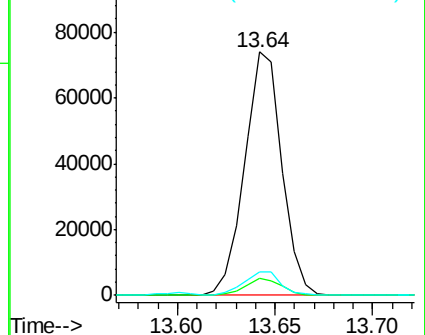
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	7.0	5.4	8.2
164	9.8	8.7	13.1

Manual Integrations
APPROVED

apatel
7/24/2015 4:50:46 PM

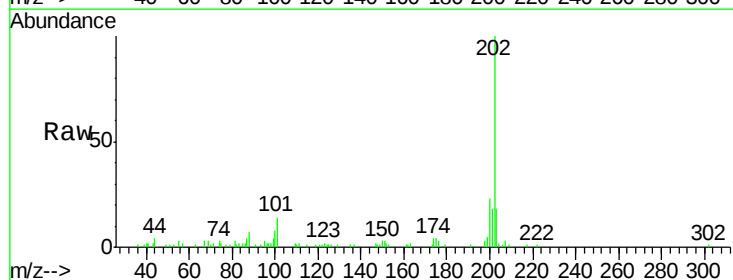


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

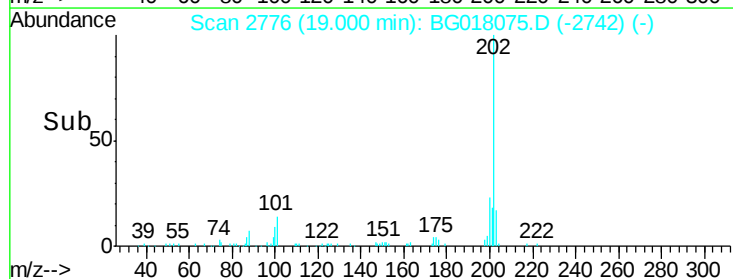
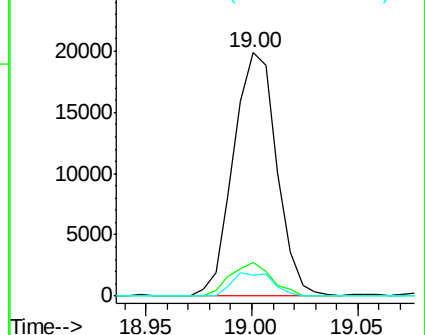


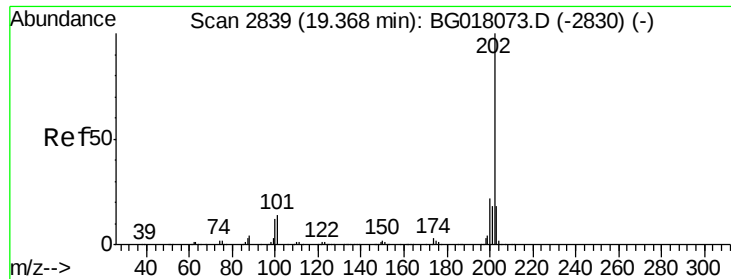
#77
Fluoranthene
Concen: 1.41 ng/ul
RT: 19.00 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG018075.D
Acq: 23 Jul 2015 21:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	9.1	13.7#
100	8.4	7.5	11.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





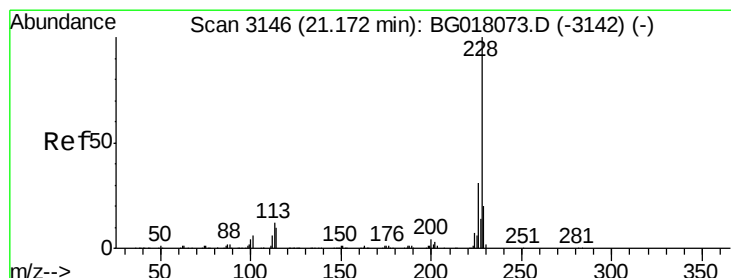
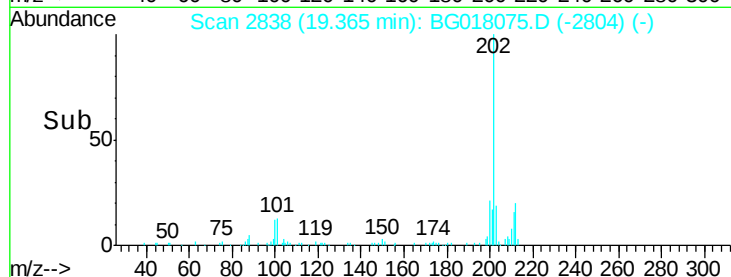
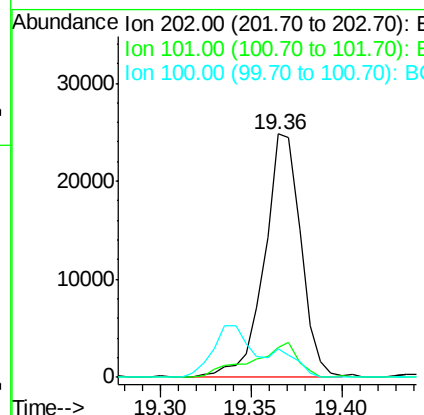
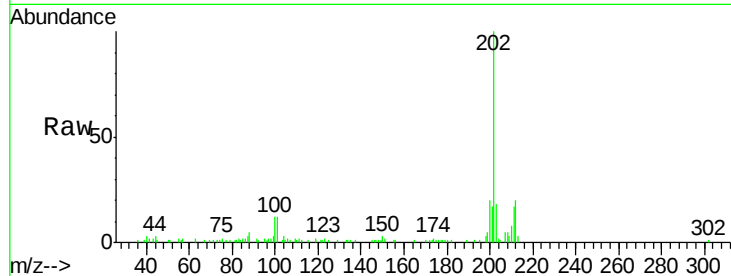
#80
Pyrene
Concen: 1.63 ng/ul
RT: 19.36 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG018075.D
Acq: 23 Jul 2015 21:28

Instrument :
BNA_G
ClientSampleId :
C01H5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34728		
101	12.4	10.9	16.3	
100	11.6	8.5	12.7	

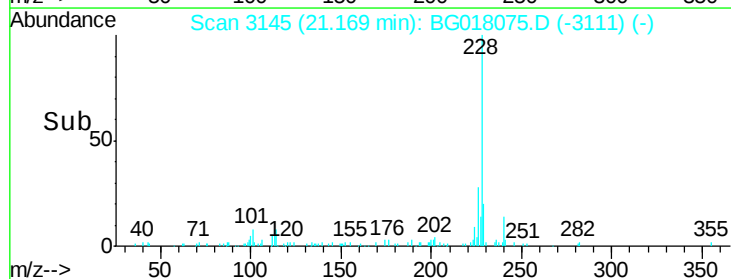
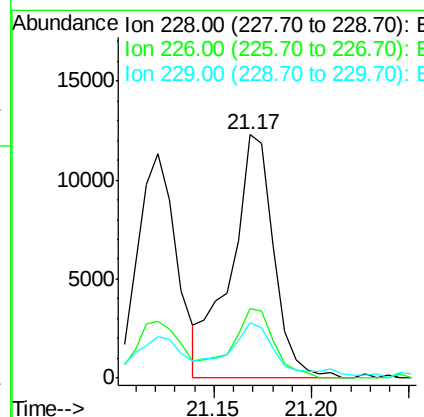
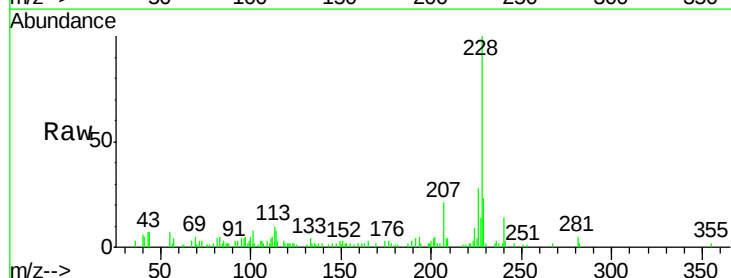
Manual Integrations
APPROVED

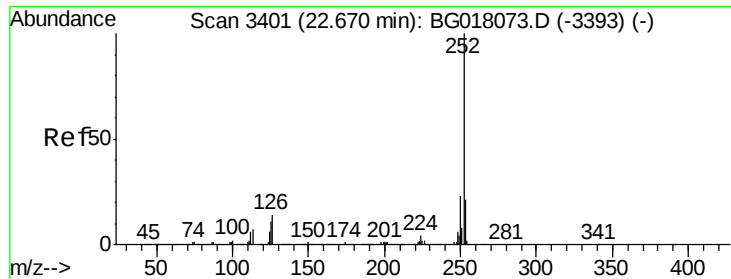
apatel
7/24/2015 4:50:46 PM



#85
Chrysene
Concen: 1.01 ng/ul
RT: 21.17 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG018075.D
Acq: 23 Jul 2015 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	18722		
226	28.3	22.9	34.3	
229	22.5	15.6	23.4	





#88

Benzo(b)fluoranthene

Concen: 1.17 ng/ul m

RT: 22.67 min Scan# 3400

Delta R.T. -0.00 min

Lab File: BG018075.D

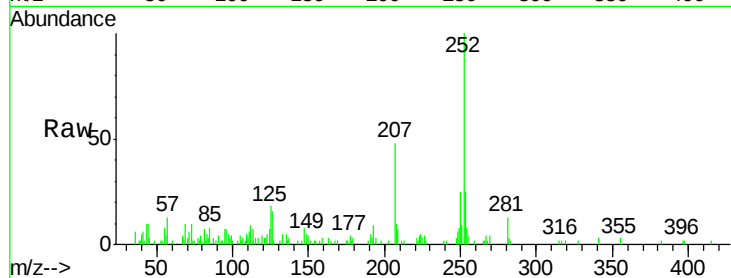
Acq: 23 Jul 2015 21:28

Instrument :

BNA_G

ClientSampleId :

C01H5



Tgt Ion: 252 Resp: 23908

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

125 17.5 9.1 13.7#

Manual Integrations
APPROVED

apatel
7/24/2015 4:50:46 PM

