Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020433.D
Acq On : 23 Dec 2015 8:05
Operator : UM/SJ
Sample : G4768-10DL 100X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N34DL

Manual Integrations APPROVED
Sohil
12/24/2015 5:32:44 PM

Quant Time: Dec 23 11:11:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	82353	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	61525	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	154103	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	195554	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	186345	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.41	99	194	0.13	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.62	132	241	0.22	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.26	128	106	0.17	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.53	165	236	0.16	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	2125	0.43	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	2635	0.46	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	2384	0.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	4287m	0.60	ng/ul	0.00
79) Pyrene-d10	19.84	212	3800	0.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	4415	0.48	ng/ul	-0.03
Target Compounds						Qvalue
28) Naphthalene	10.95	128	134578	31.29	ng/ul	96
34) 2-Methylnaphthalene	12.55	142	17194	5.23	ng/ul	94
50) Acenaphthene	14.78	153	21329	5.15	ng/ul	96
54) Dibenzofuran	15.11	168	17112	2.78	ng/ul	100
59) Fluorene	15.76	166	14266	2.89	ng/ul	98
70) Phenanthrene	17.50	178	28979	3.44	ng/ul	98
75) Carbazole	17.86	167	16574	2.31	ng/ul	98

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

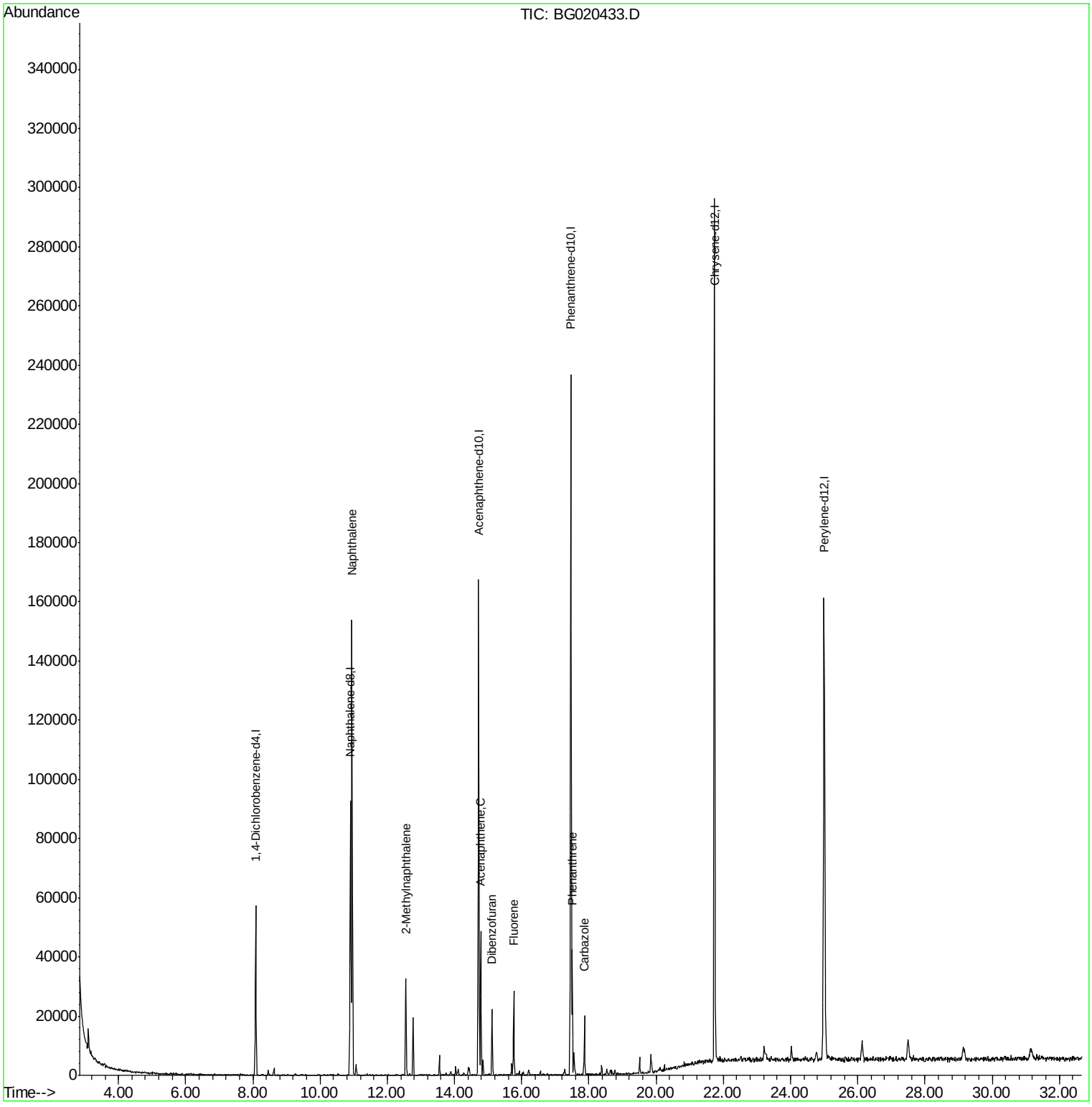
Quantitation Report (QT Reviewed)

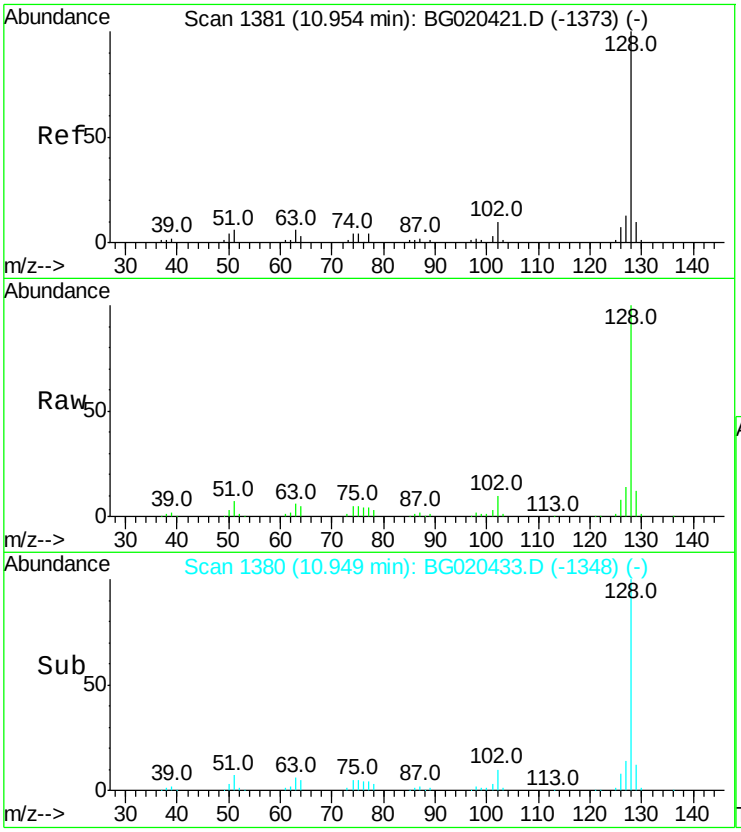
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020433.D
Acq On : 23 Dec 2015 8:05
Operator : UM/SJ
Sample : G4768-10DL 100X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 23 11:11:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N34DL

Manual Integrations APPROVED
Sohil
12/24/2015 5:32:44 PM

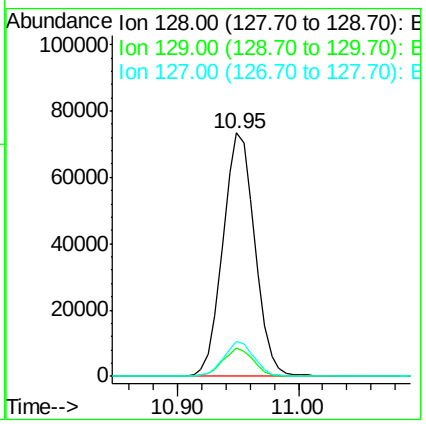




#28
Naphthalene
Concen: 31.29 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

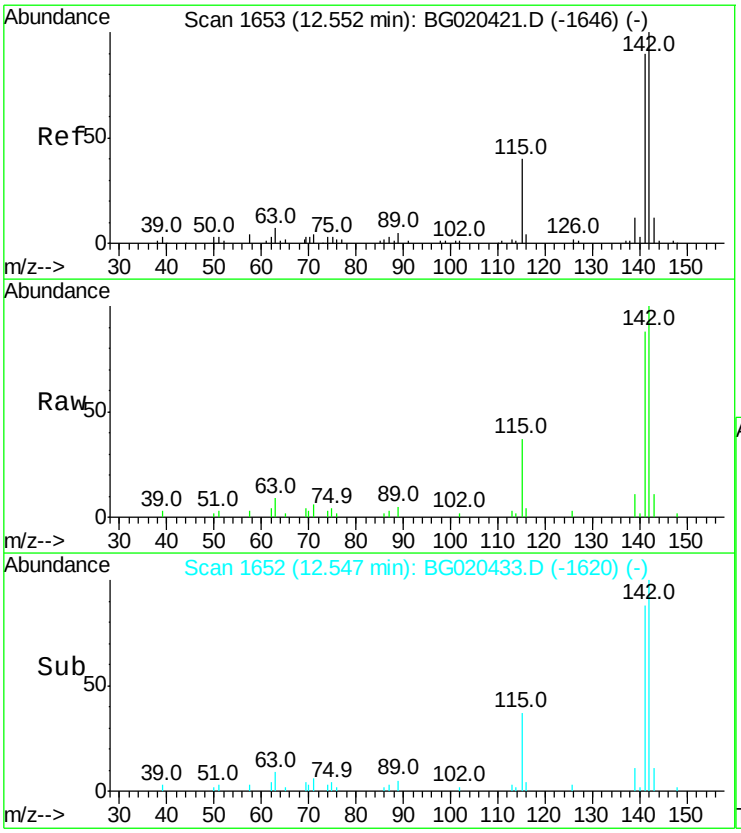
Tgt Ion:128 Resp: 134578

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	14.3	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
D9N34DL

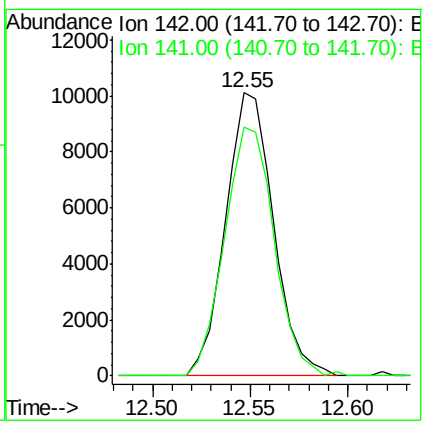
Manual Integrations APPROVED
Sohil
12/24/2015 5:32:44 PM

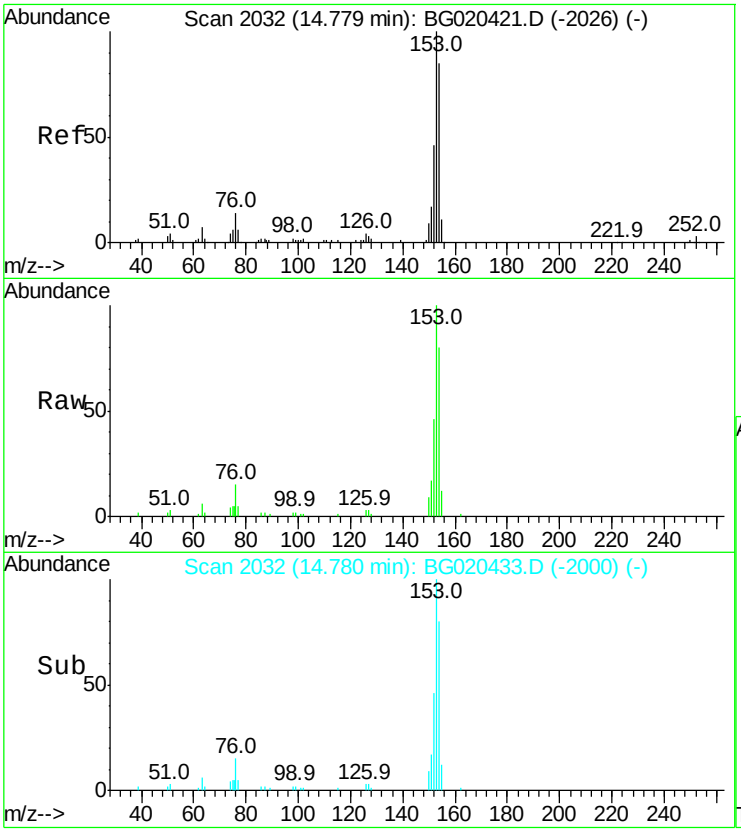


#34
2-Methylnaphthalene
Concen: 5.23 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

Tgt Ion:142 Resp: 17194

Ion	Ratio	Lower	Upper
142	100		
141	88.0	74.9	112.3

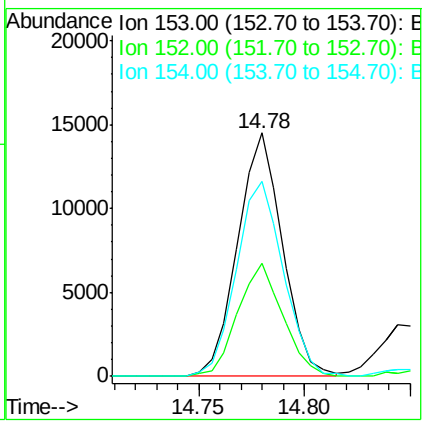




#50
Acenaphthene
Concen: 5.15 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

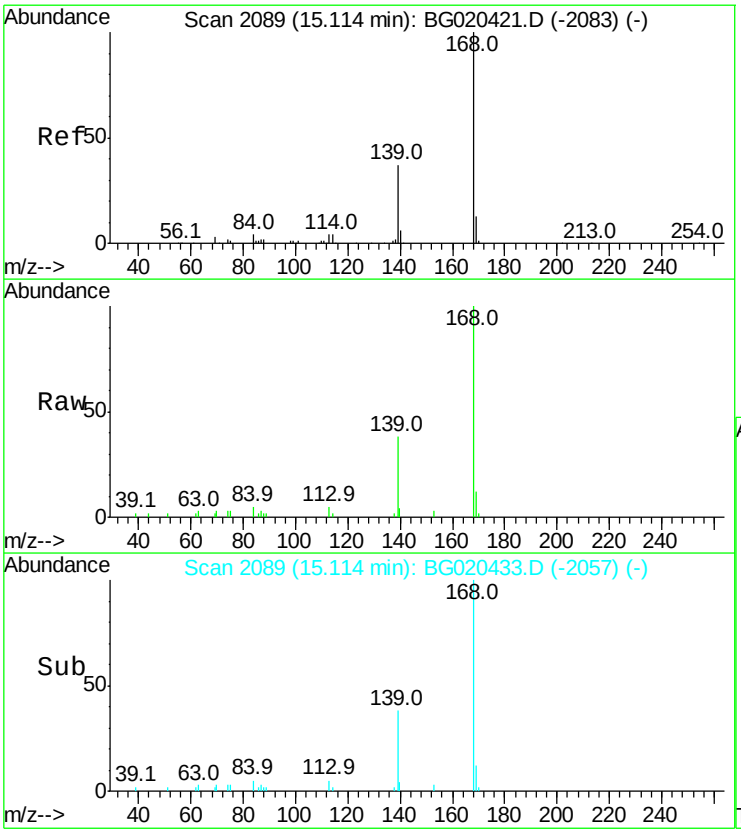
Tgt Ion:153 Resp: 21329

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	80.3	67.9	101.9



Instrument :
BNA_G
ClientSampleId :
D9N34DL

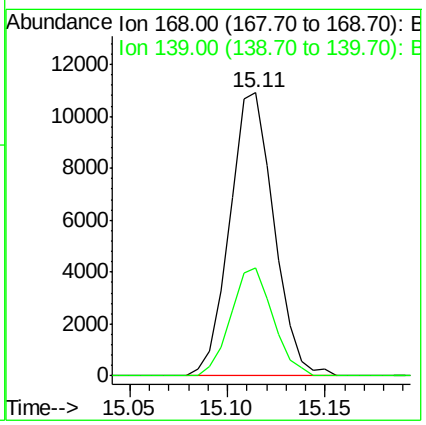
Manual Integrations APPROVED
Sohil
12/24/2015 5:32:44 PM

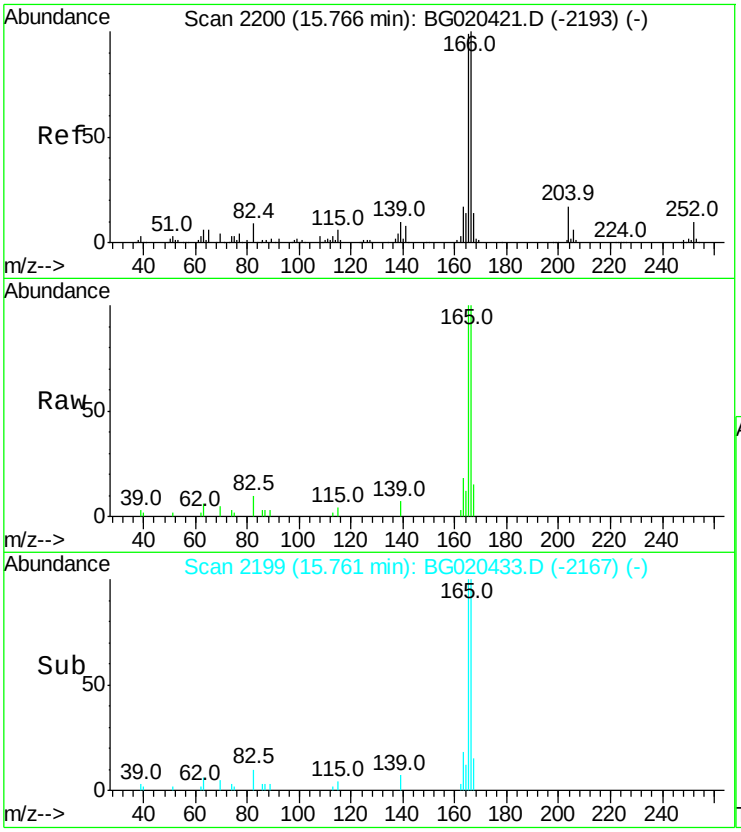


#54
Dibenzofuran
Concen: 2.78 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

Tgt Ion:168 Resp: 17112

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7

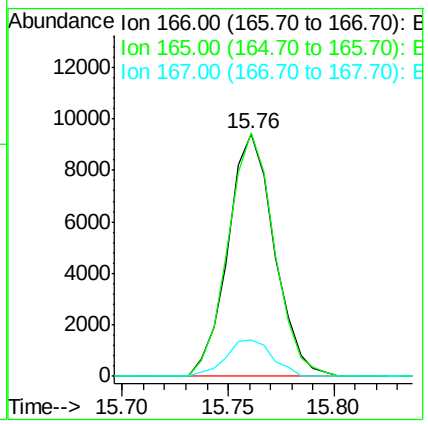




#59
Fluorene
Concen: 2.89 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

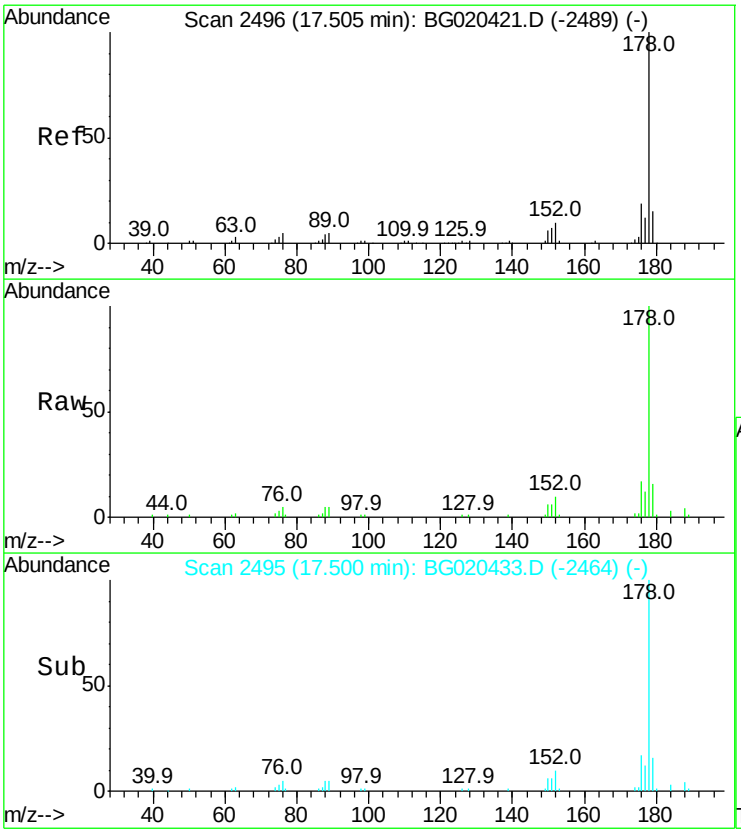
Tgt Ion:166 Resp: 14266

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.4	122.0
167	14.9	11.2	16.8



Instrument :
BNA_G
ClientSampleId :
D9N34DL

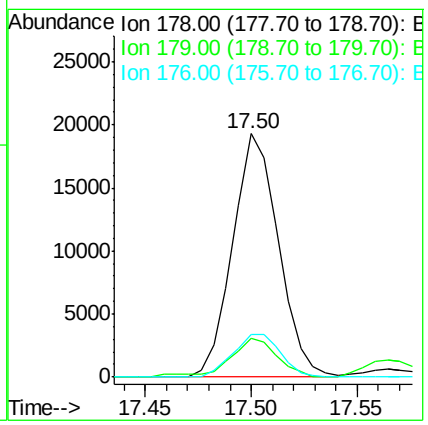
Manual Integrations APPROVED
Sohil
12/24/2015 5:32:44 PM

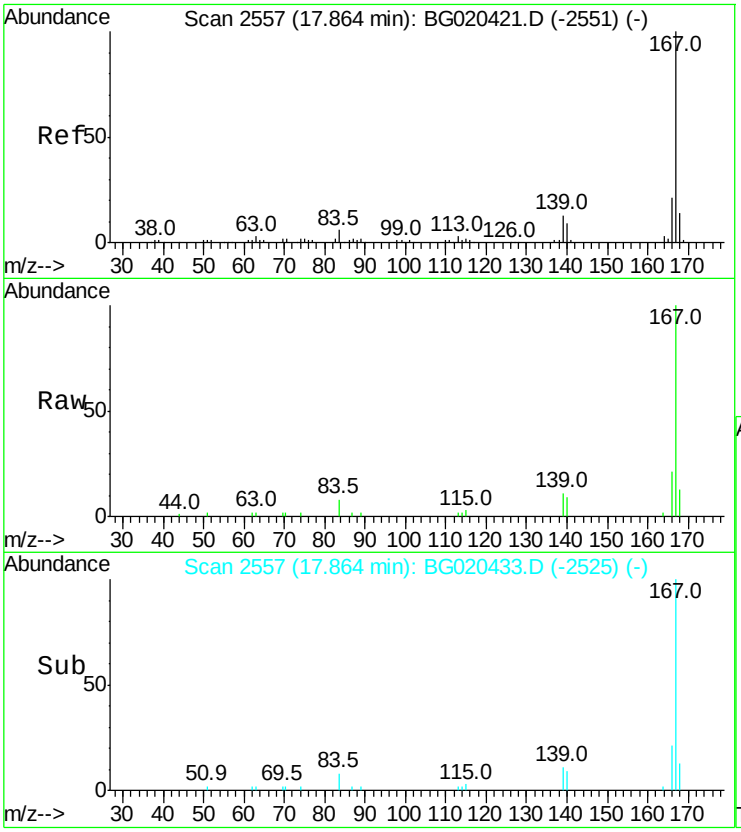


#70
Phenanthrene
Concen: 3.44 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

Tgt Ion:178 Resp: 28979

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	17.4	15.3	22.9

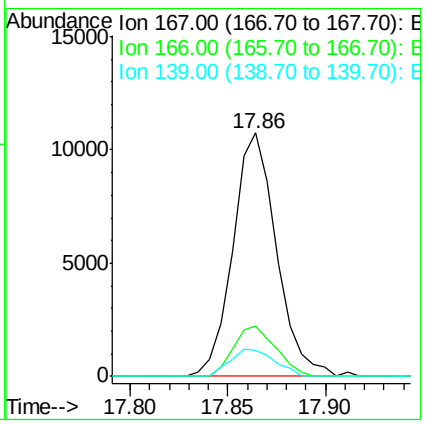




#75
Carbazole
Concen: 2.31 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG020433.D
Acq: 23 Dec 2015 8:05

Tgt Ion:167 Resp: 16574

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	10.8	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
D9N34DL

Manual Integrations APPROVED
Sohil
12/24/2015 5:32:44 PM