Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG122015\
Data File : BG020369.D
Acq On : 21 Dec 2015 8:21
Operator : UM/SJ
Sample : G4848-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 30 02:50:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18526	20.00 ng/ul	0.00
18) Naphthalene-d8	10.91	136	78052	20.00 ng/ul	0.00
36) Acenaphthene-d10	14.72	164	55257	20.00 ng/ul	0.00
62) Phenanthrene-d10	17.47	188	131888m	20.00 ng/ul	0.00
78) Chrysene-d12	21.74	240	165755	20.00 ng/ul	0.00
86) Perylene-d12	25.02	264	154183	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.46	96	2319	6.91 ng/uL	0.00
5) Phenol-d5	7.25	99	60967	37.32 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	37881	38.86 ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	50065	42.14 ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	55397	39.65 ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	26325	43.27 ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	32116	47.44 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	59446	43.35 ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	72498	47.06 ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	201002	44.97 ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	235942	45.37 ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	29652	36.99 ng/ul	0.00
58) Fluorene-d10	15.71	176	181763	44.83 ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	29335	37.52 ng/ul	0.00
71) Anthracene-d10	17.57	188	282670	46.51 ng/ul	0.00
79) Pyrene-d10	19.85	212	338138	43.77 ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	383975	49.93 ng/ul	0.00
Target Compounds					Qvalue
28) Naphthalene	10.96	128	420708	103.22 ng/ul	98
34) 2-Methylnaphthalene	12.56	142	98735	31.71 ng/ul	98
41) 1,1'-Biphenyl	13.55	154	37611	9.02 ng/ul	99
45) Dimethylphthalate	14.17	163	89040	19.51 ng/ul	100
48) Acenaphthylene	14.45	152	11701	2.12 ng/ul#	91
50) Acenaphthene	14.79	153	173523	46.68 ng/ul	97
54) Dibenzofuran	15.12	168	183061	33.11 ng/ul	98
59) Fluorene	15.77	166	167094	37.63 ng/ul	99
70) Phenanthrene	17.51	178	750258m	104.00 ng/ul	
72) Anthracene	17.60	178	83764	11.45 ng/ul	98
75) Carbazole	17.87	167	93957	15.28 ng/ul	100
77) Fluoranthene	19.52	202	450804	53.47 ng/ul	98
80) Pyrene	19.88	202	299188	29.82 ng/ul	99
83) Benzo(a)anthracene	21.72	228	70856	7.33 ng/ul	97
85) Chrysene	21.79	228	60126	6.60 ng/ul	97
88) Benzo(b)fluoranthene	23.97	252	28312	3.05 ng/ul#	92
89) Benzo(k)fluoranthene	24.03	252	13595m	1.53 ng/ul	
91) Benzo(a)pyrene	24.86	252	17385m	1.98 ng/ul	

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

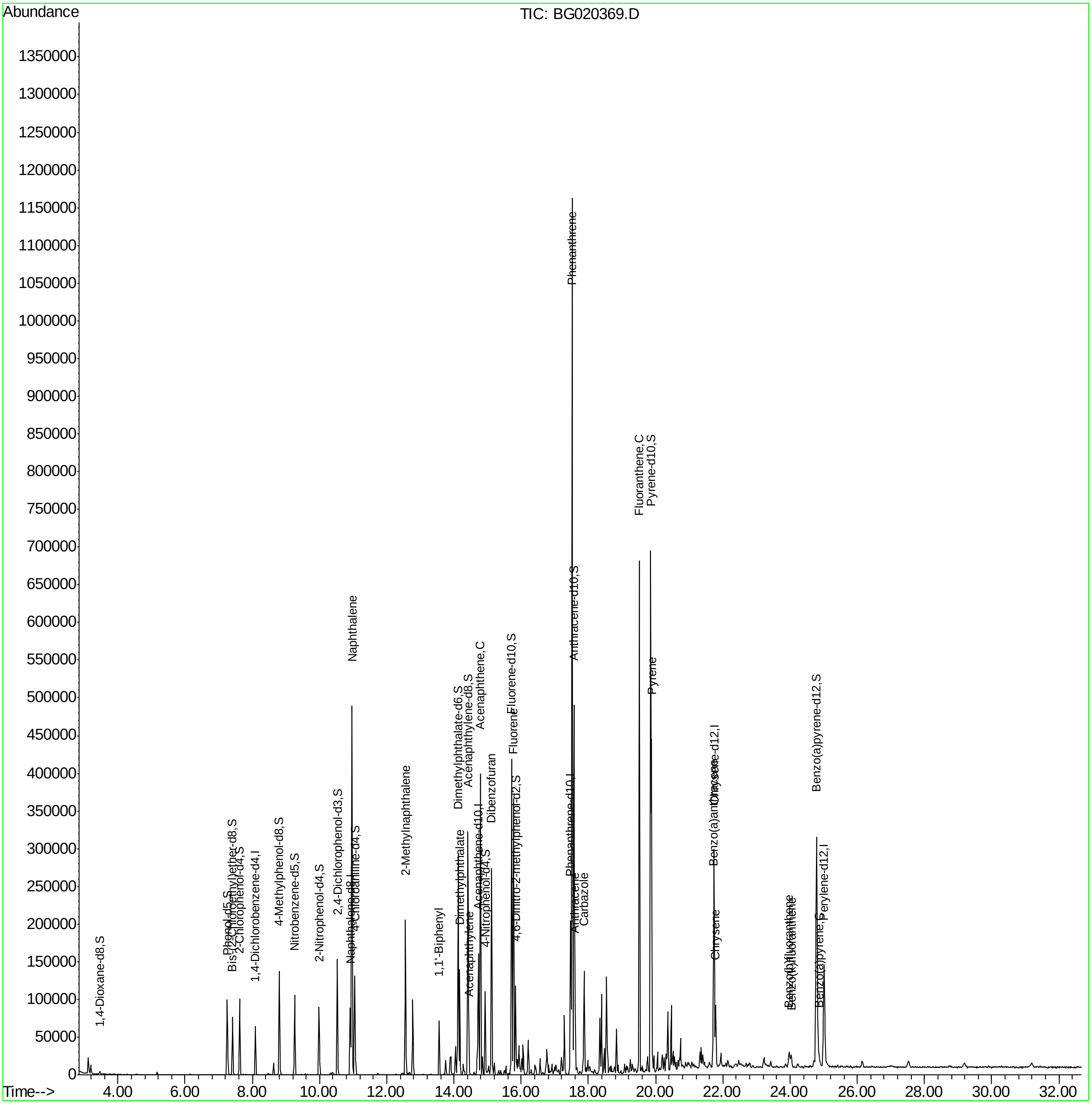
Quantitation Report   (LSC Reviewed)

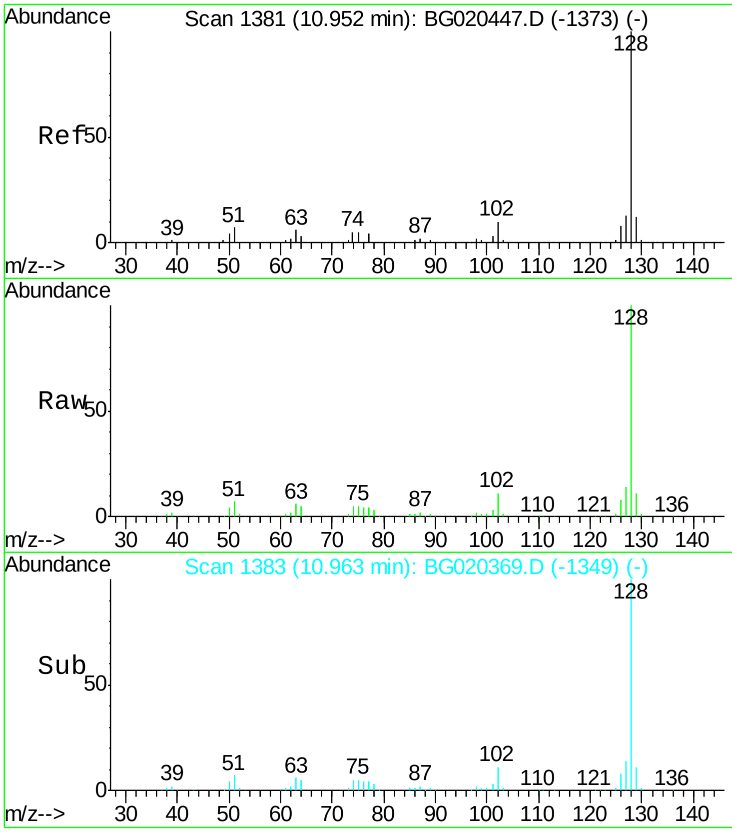
Data Path : Z:\HPCHEM1\BNA G\Data\BG122015\
Data File : BG020369.D
Acq On   : 21 Dec 2015   8:21
Operator : UM/SJ
Sample   : G4848-18
Misc   :
ALS Vial : 34   Sample Multiplier: 1

Quant Time: Dec 30 02:50:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM





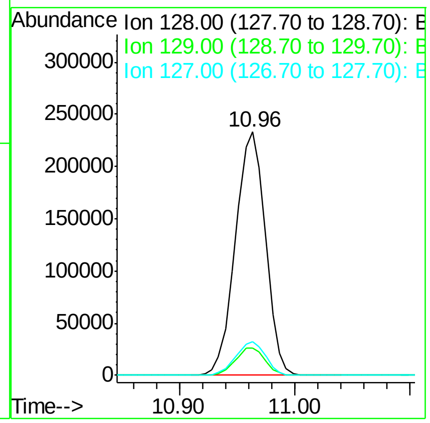
#28
Naphthalene
Concen: 103.22 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

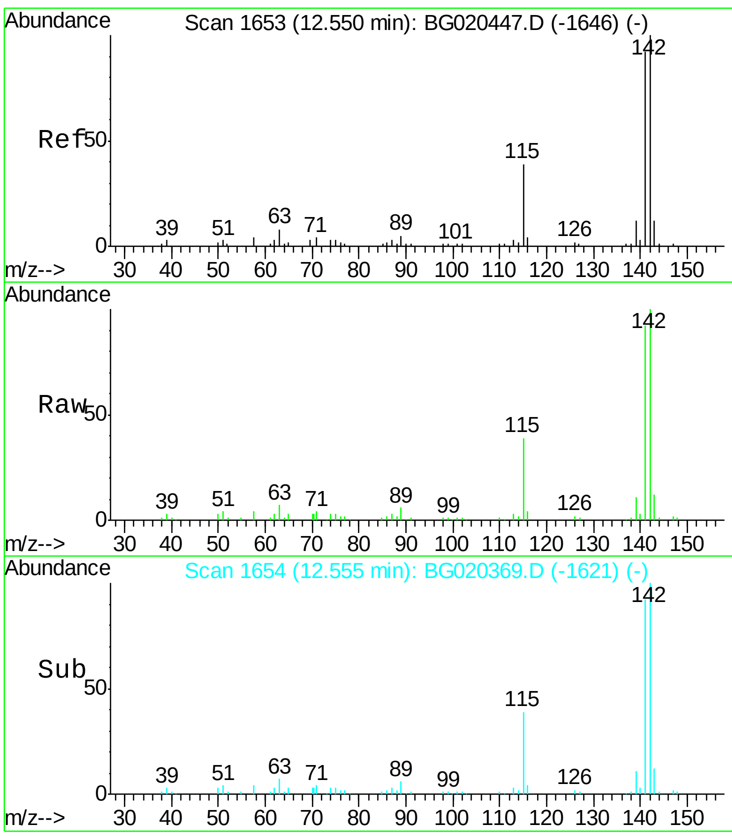
Instrument : BNA_G
ClientSampleId : D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

Tgt Ion:128 Resp: 420708

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.9	10.1	15.1

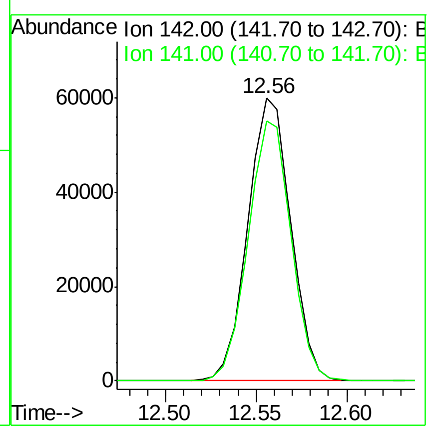


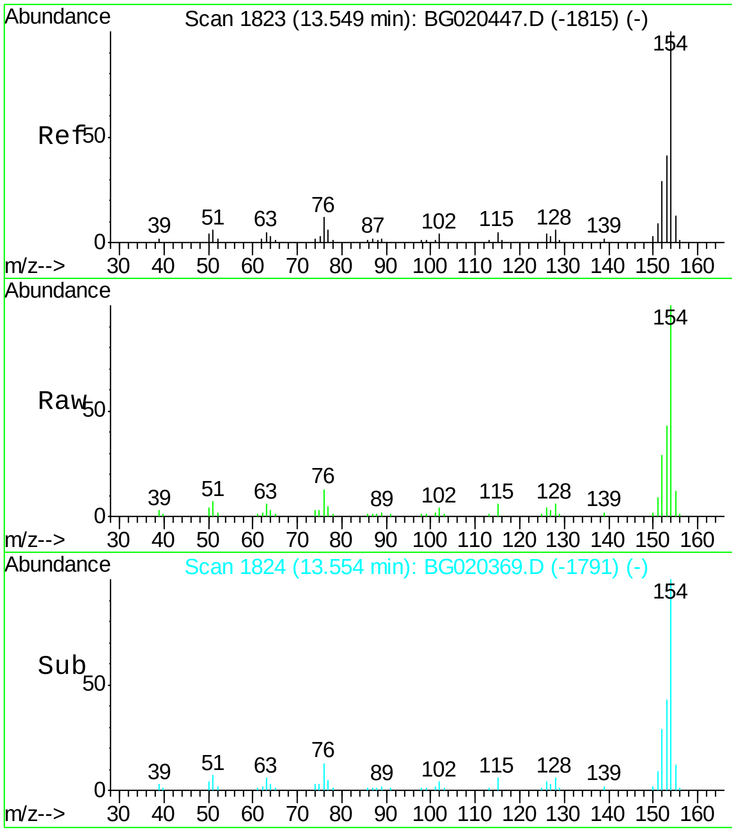


#34
2-Methylnaphthalene
Concen: 31.71 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

Tgt Ion:142 Resp: 98735

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.9	112.3





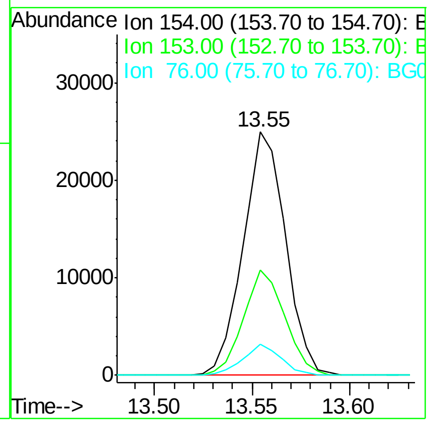
#41
1,1'-Biphenyl
Concen: 9.02 ng/ul
RT: 13.55 min Scan# 1824
Delta R.T.   -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

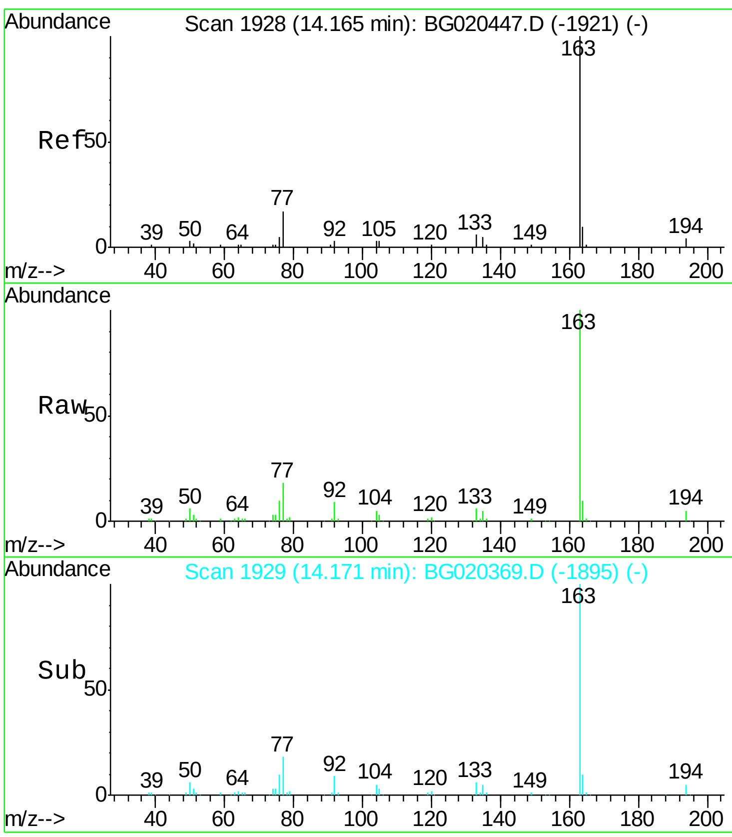
Tgt Ion:154 Resp: 37611

Ion	Ratio	Lower	Upper
154	100		
153	43.3	35.5	53.3
76	12.6	10.4	15.6

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

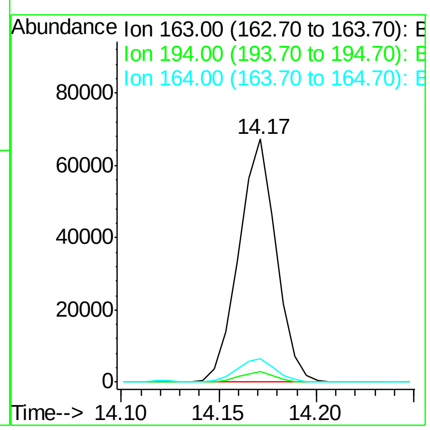


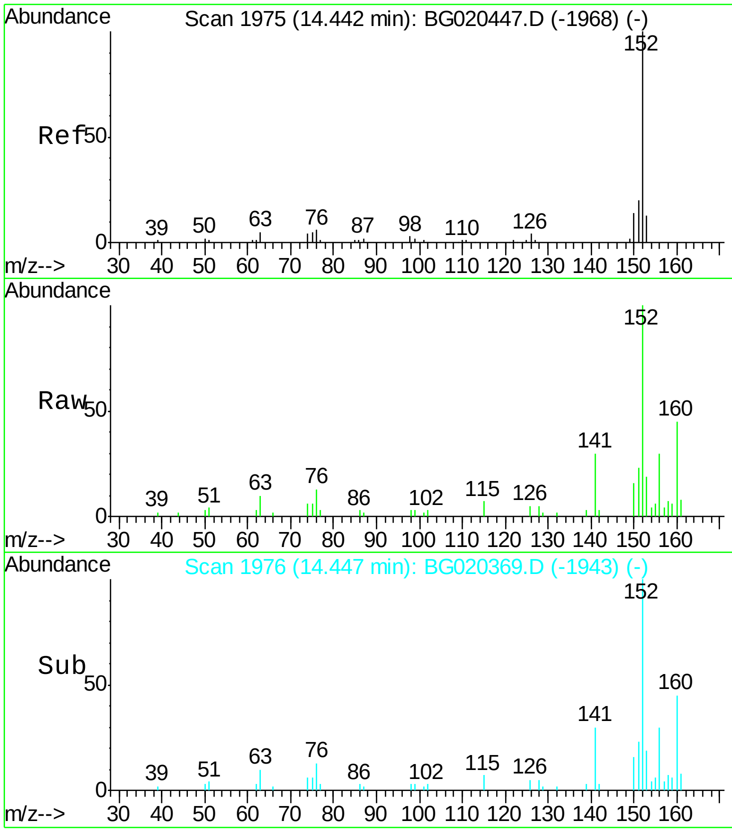


#45
Dimethylphthalate
Concen: 19.51 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T.   0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

Tgt Ion:163 Resp: 89040

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.5	7.7	11.5





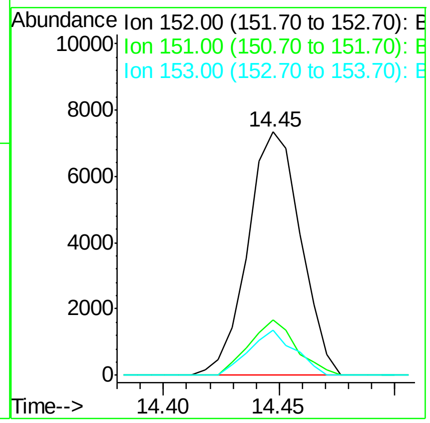
#48
Acenaphthylene
Concen: 2.12 ng/ul
RT: 14.45 min   Scan# 1976
Delta R.T.   -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

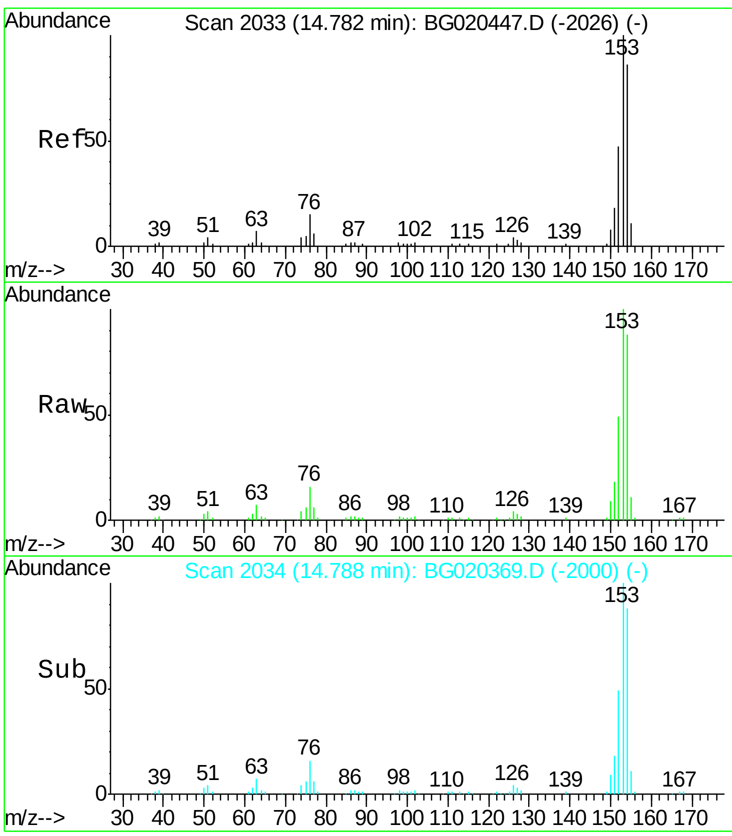
Tgt Ion:152 Resp: 11701

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.4	24.6
153	18.8	10.4	15.6#

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

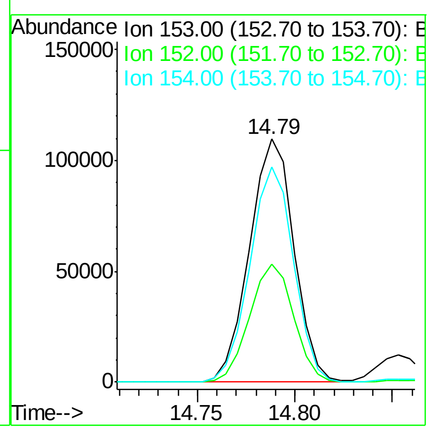


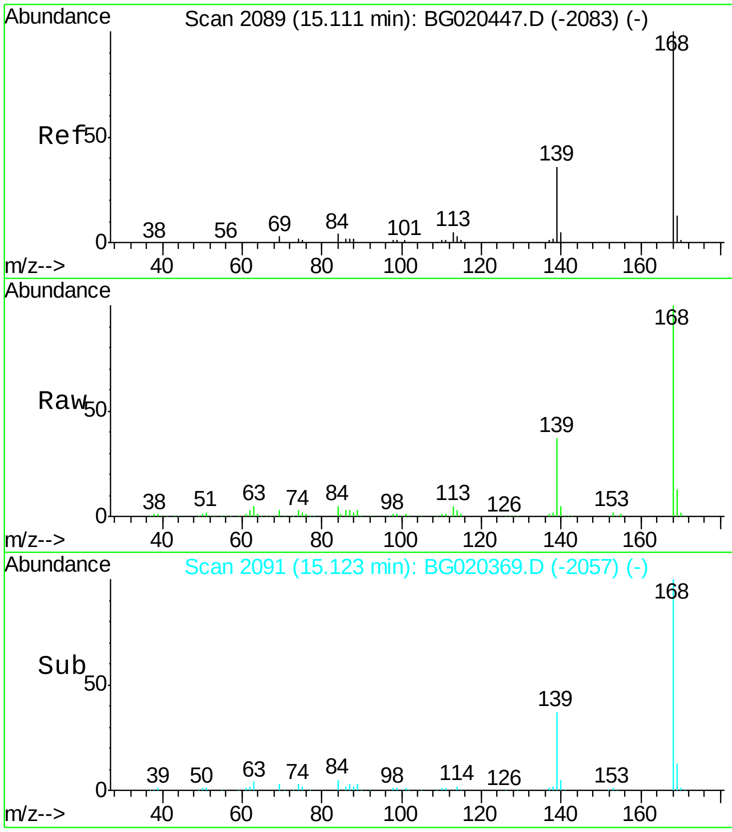


#50
Acenaphthene
Concen: 46.68 ng/ul
RT: 14.79 min   Scan# 2034
Delta R.T.   0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

Tgt Ion:153 Resp: 173523

Ion	Ratio	Lower	Upper
153	100		
152	48.5	37.6	56.4
154	88.3	67.9	101.9





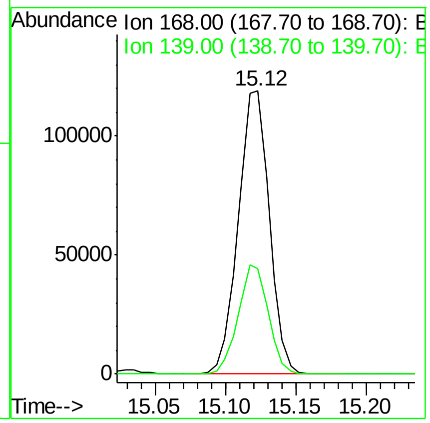
#54
Dibenzofuran
Concen: 33.11 ng/ul
RT: 15.12 min   Scan# 2091
Delta R.T.   0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

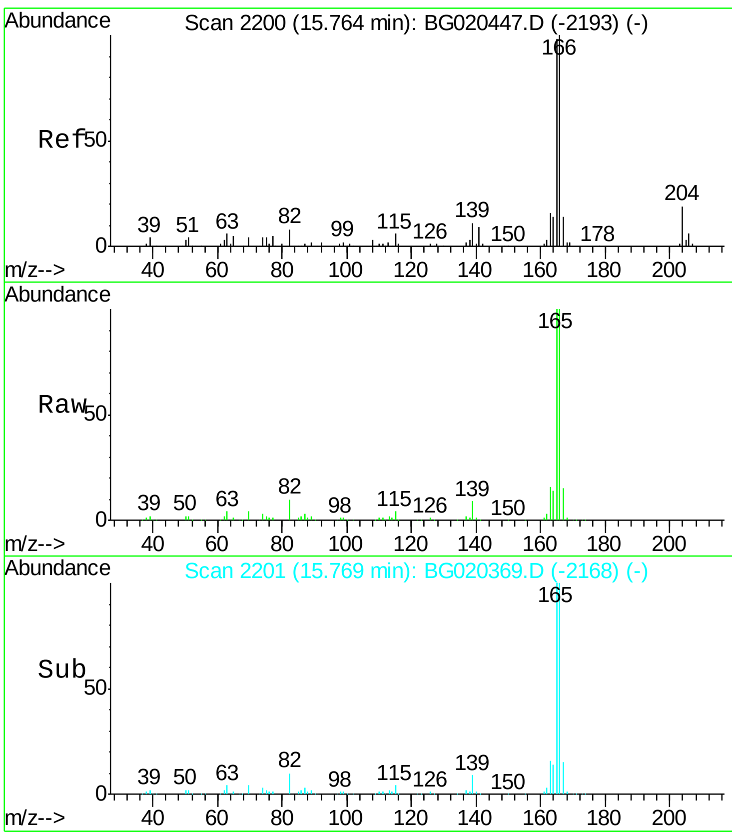
Tgt Ion:168 Resp: 183061

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

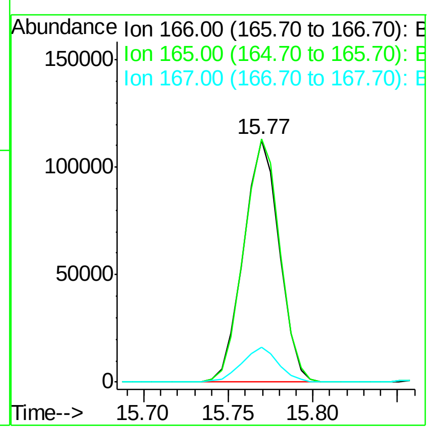


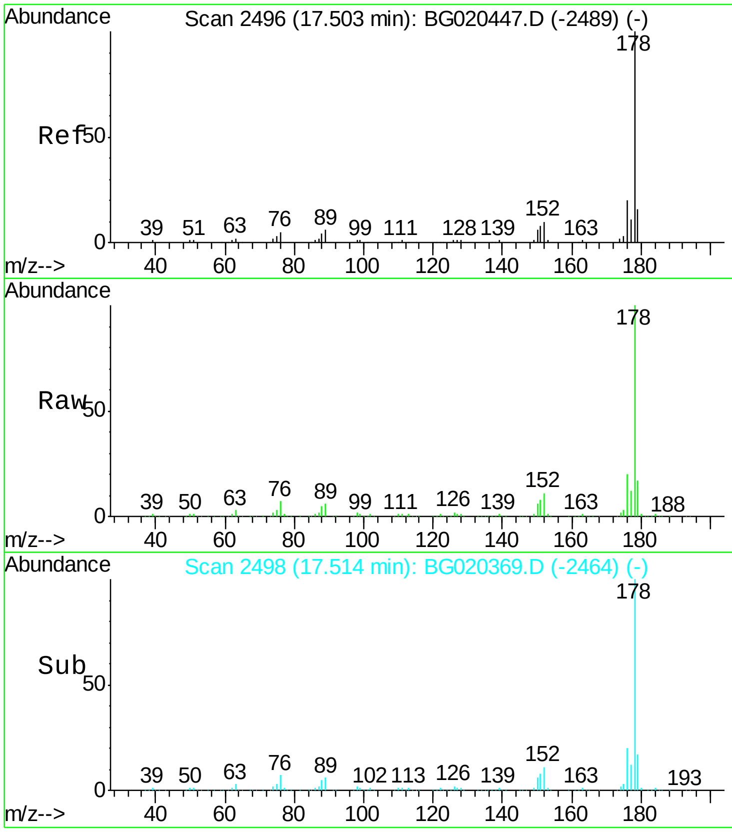


#59
Fluorene
Concen: 37.63 ng/ul
RT: 15.77 min   Scan# 2201
Delta R.T.   -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

Tgt Ion:166 Resp: 167094

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	14.5	11.2	16.8





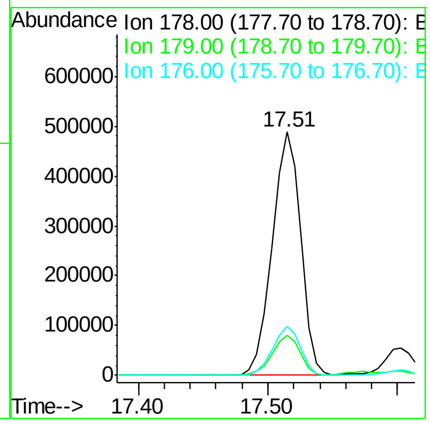
#70
Phenanthrene
Concen: 104.00 ng/ul m
RT: 17.51 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

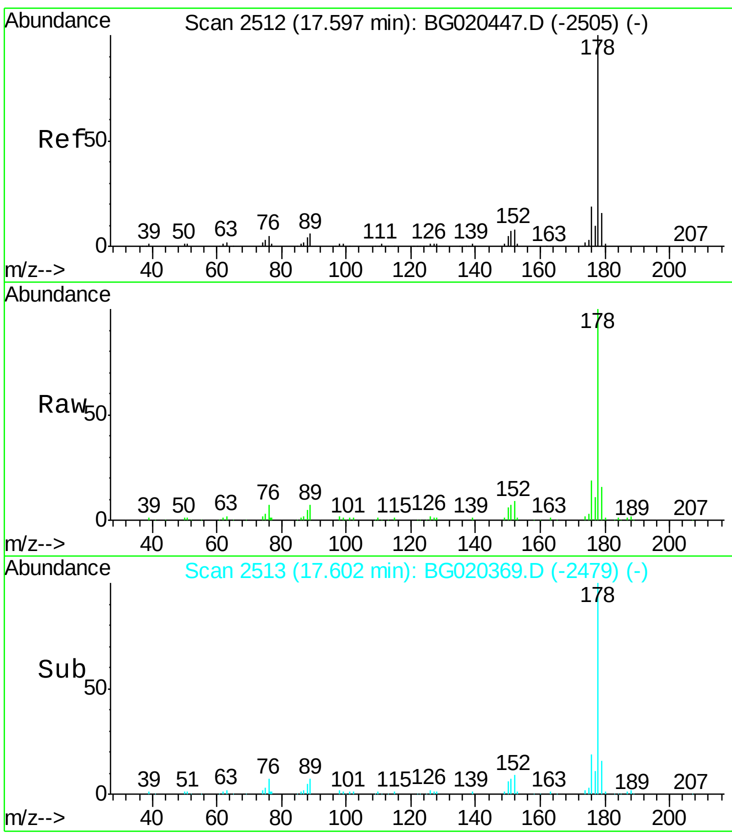
Instrument :
BNA_G
ClientSampleId :
D9N64

Tgt Ion:178 Resp: 750258

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	20.0	15.3	22.9

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

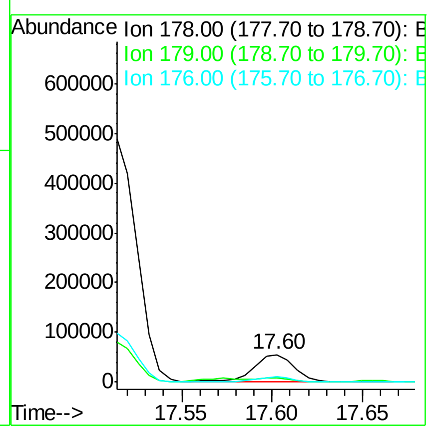


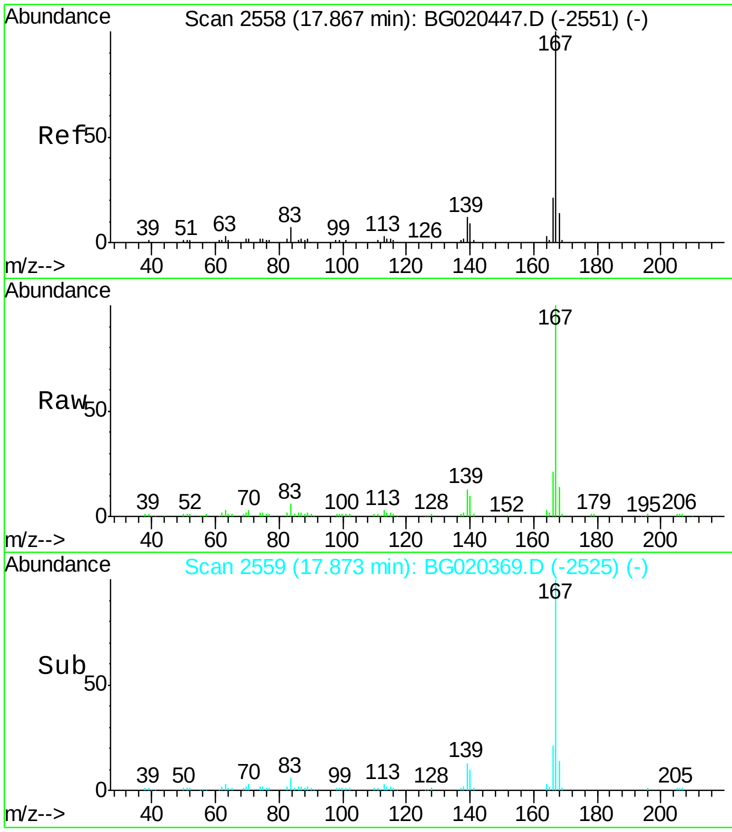


#72
Anthracene
Concen: 11.45 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

Tgt Ion:178 Resp: 83764

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.1	14.3	21.5





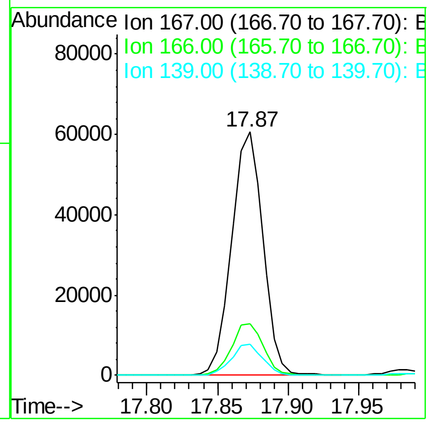
#75
Carbazole
Concen: 15.28 ng/ul
RT: 17.87 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

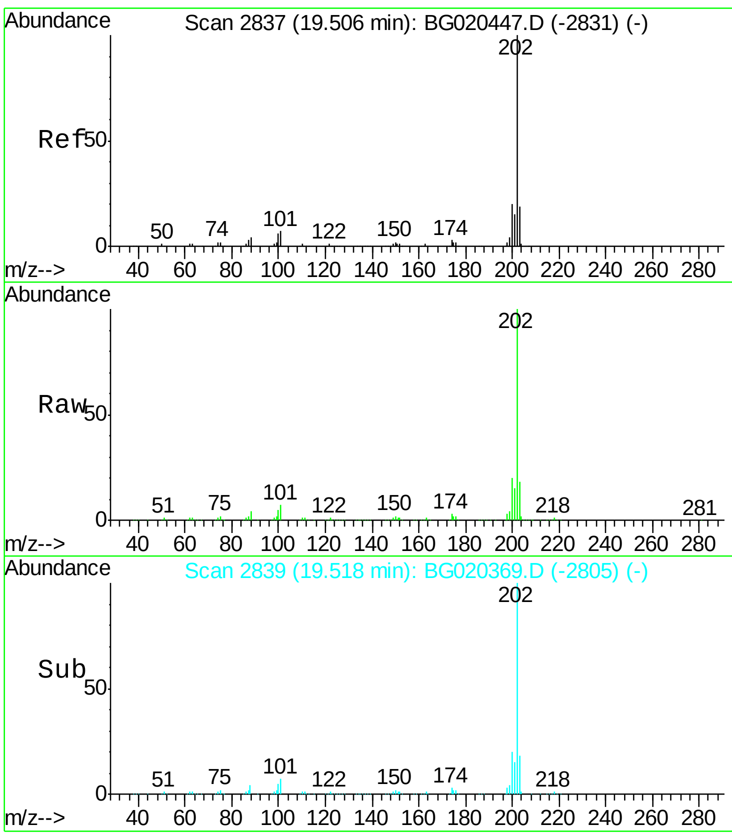
Tgt Ion:167 Resp: 93957

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.7	10.1	15.1

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

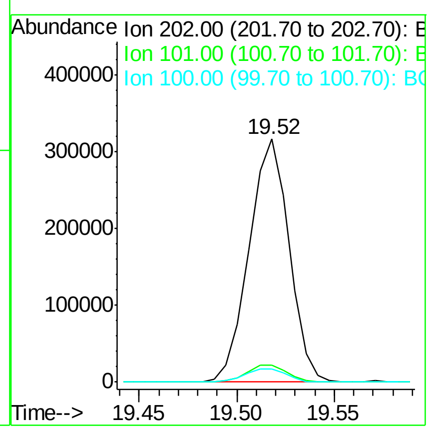


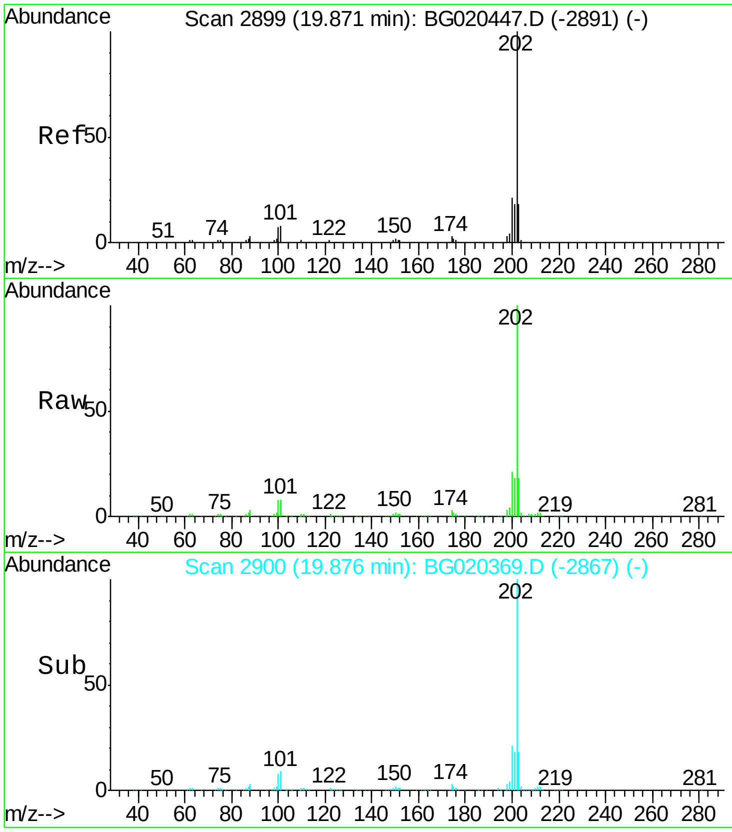


#77
Fluoranthene
Concen: 53.47 ng/ul
RT: 19.52 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

Tgt Ion:202 Resp: 450804

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.4
100	5.5	5.1	7.7





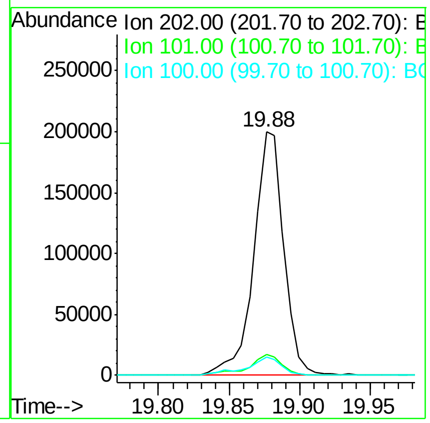
#80
Pyrene
Concen: 29.82 ng/ul
RT: 19.88 min   Scan# 2900
Delta R.T.   -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

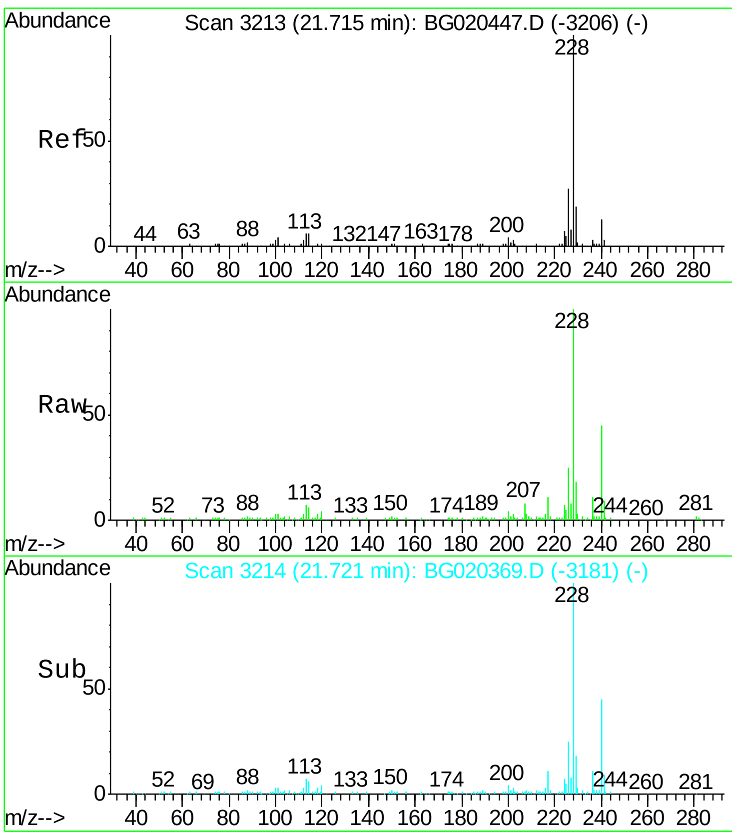
Tgt Ion:202 Resp: 299188

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
100	7.6	6.4	9.6

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

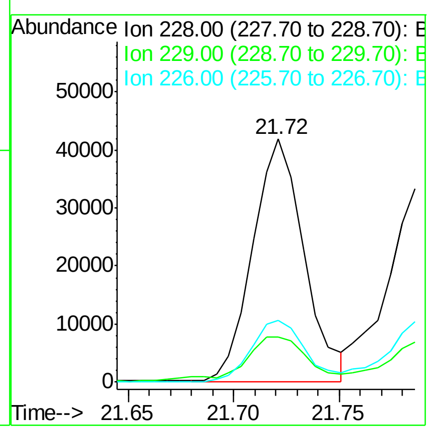


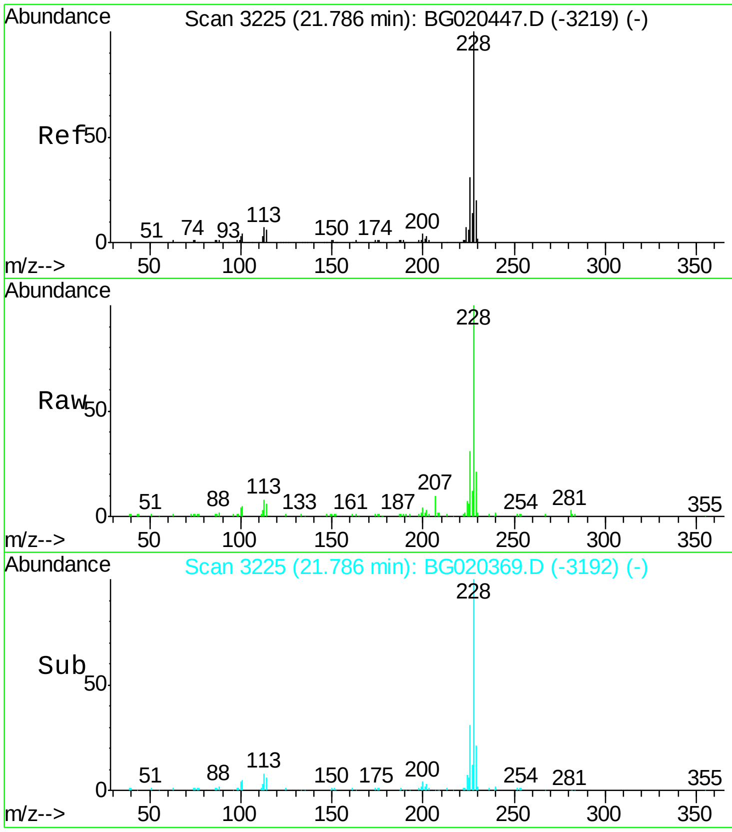


#83
Benzo(a)anthracene
Concen: 7.33 ng/ul
RT: 21.72 min   Scan# 3214
Delta R.T.   -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015   8:21

Tgt Ion:228 Resp: 70856

Ion	Ratio	Lower	Upper
228	100		
229	18.3	15.8	23.8
226	25.3	21.8	32.6





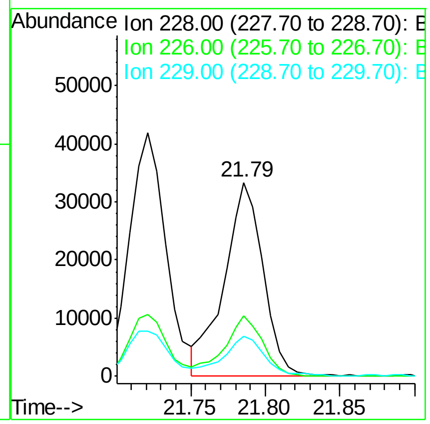
#85
Chrysene
Concen: 6.60 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

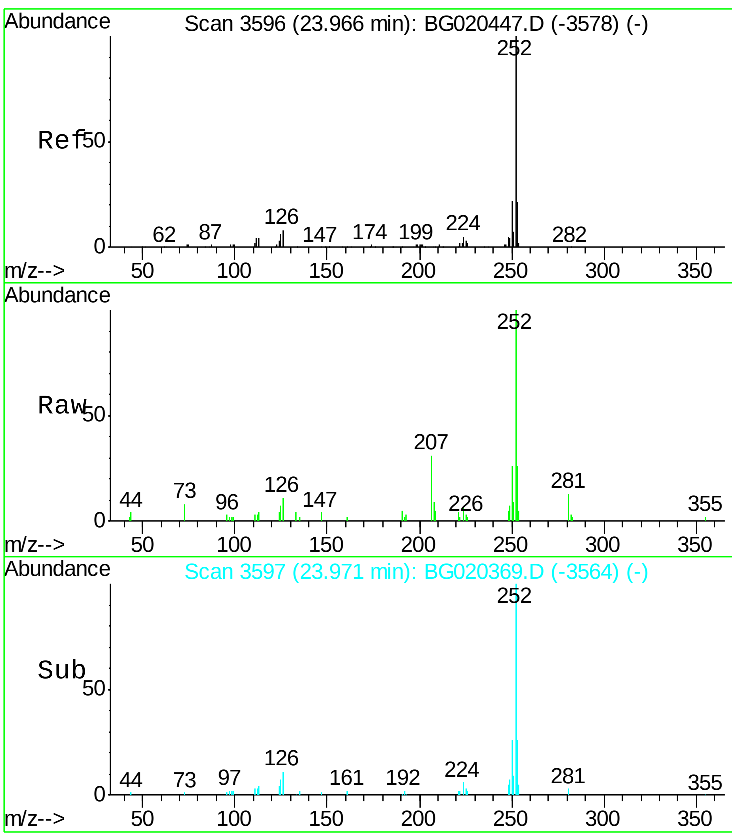
Tgt Ion:228 Resp: 60126

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	20.9	15.6	23.4

Instrument :
BNA_G
ClientSampleId :
D9N64

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM

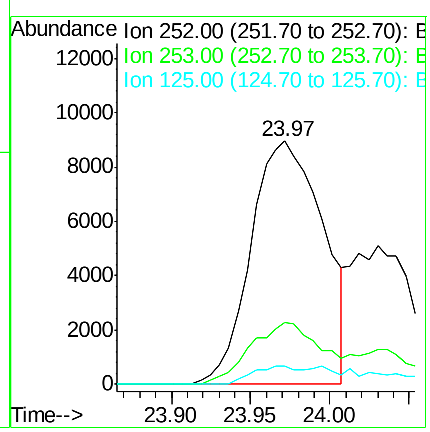


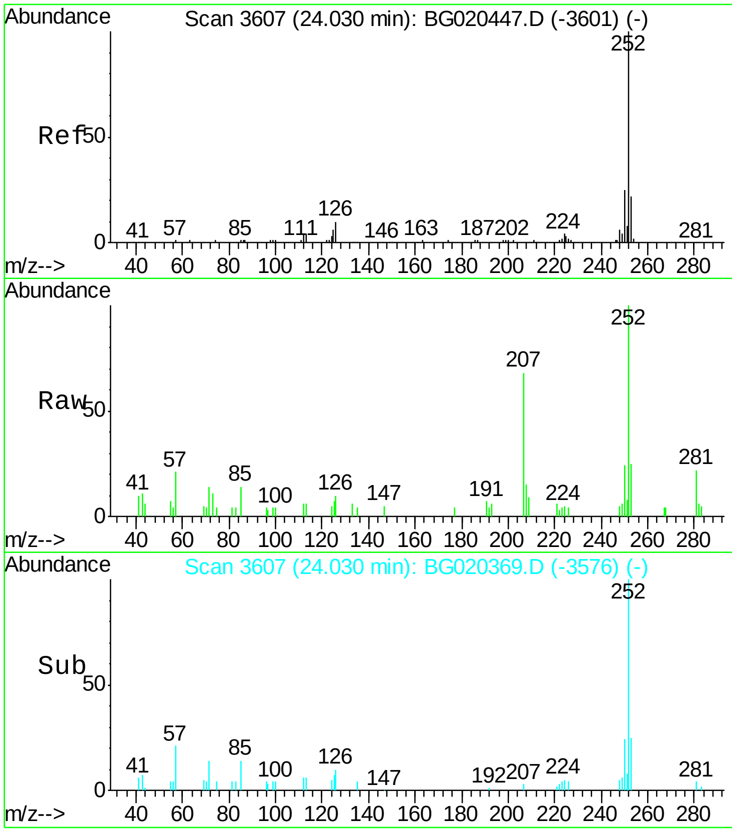


#88
Benzo(b)fluoranthene
Concen: 3.05 ng/ul
RT: 23.97 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

Tgt Ion:252 Resp: 28312

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.7	25.1#
125	7.3	6.2	9.2





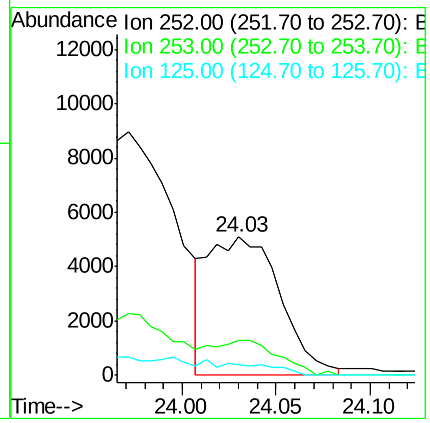
#89
Benzo(k)fluoranthene
Concen: 1.53 ng/ul m
RT: 24.03 min Scan# 3607
Delta R.T. -0.02 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

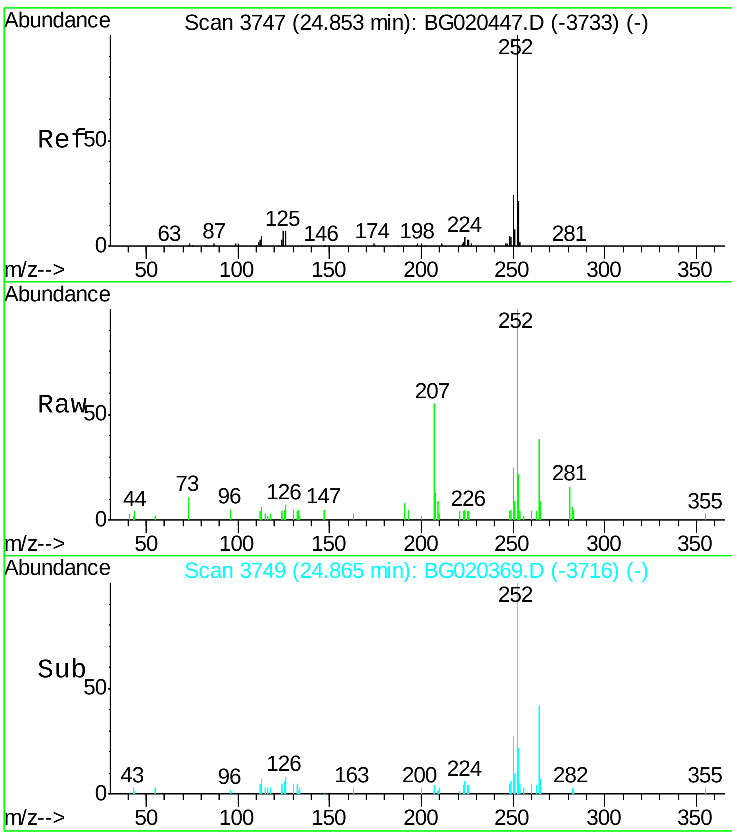
Instrument : BNA_G
ClientSampleId : D9N64

Tgt Ion:252 Resp: 13595

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	7.5	5.8	8.6

Manual Integrations APPROVED
apatel
12/22/2015 4:48:33 PM





#91
Benzo(a)pyrene
Concen: 1.98 ng/ul m
RT: 24.86 min Scan# 3749
Delta R.T. -0.00 min
Lab File: BG020369.D
Acq: 21 Dec 2015 8:21

Tgt Ion:252 Resp: 17385

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	5.2	6.2	9.4#