Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54

Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

Quant Time: Dec 28 05:57:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 04:59:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	85143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	391495m	20.00	ng/ul	0.07
36) Acenaphthene-d10	14.72	164	258933	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	587032	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	715797	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	647827	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	792	0.51	ng/uL	0.00
5) Phenol-d5	7.23	99	21655	3.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	50409	12.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	54418	10.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	39526	6.88	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	37900	12.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	43347	12.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.54	165	71691	10.62	ng/ul	0.03
29) 4-Chloroaniline-d4	11.06	131	10035	1.30	ng/ul	0.04
44) Dimethylphthalate-d6	14.12	166	248233	11.63	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	293926	11.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	11943	3.36	ng/ul	0.00
58) Fluorene-d10	15.71	176	231687	12.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	36217	9.31	ng/ul	0.02
71) Anthracene-d10	17.57	188	343545	12.49	ng/ul	0.01
79) Pyrene-d10	19.85	212	387996	12.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	433920	13.25	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.52	108	17482	3.17	ng/ul	93
14) Acetophenone	8.91	105	17795	1.93	ng/ul	97
16) 4-Methylphenol	8.85	108	35090	5.86	ng/ul	91
24) 2,4-Dimethylphenol	10.07	107	116670m	14.90	ng/ul	
28) Naphthalene	11.06	128	11234633	539.83	ng/ul#	37
34) 2-Methylnaphthalene	12.58	142	2363548	153.49	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	730238	36.54	ng/ul	97
48) Acenaphthylene	14.44	152	320534	12.33	ng/ul	97
50) Acenaphthene	14.81	153	2564791	145.96	ng/ul#	88
54) Dibenzofuran	15.13	168	2197759	84.07	ng/ul#	85
59) Fluorene	15.78	166	1712584	80.84	ng/ul#	98
70) Phenanthrene	17.53	178	2642181m	80.89	ng/ul	
72) Anthracene	17.60	178	282866m	8.47	ng/ul	
75) Carbazole	17.90	167	3295886	117.10	ng/ul#	79
77) Fluoranthene	19.51	202	497381	12.11	ng/ul	99
80) Pyrene	19.87	202	286031	7.07	ng/ul	99

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

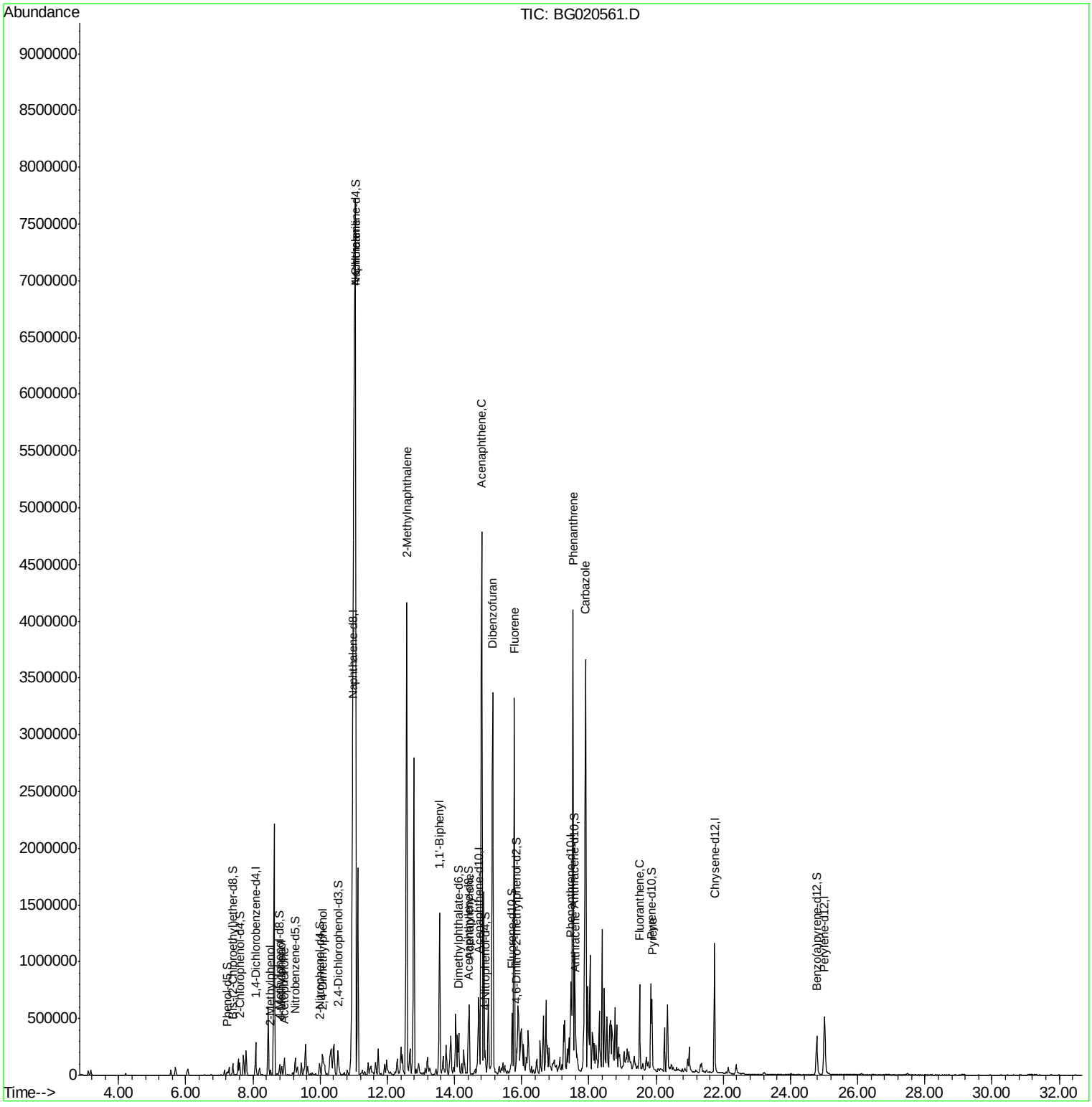
Quantitation Report (LSC Reviewed)

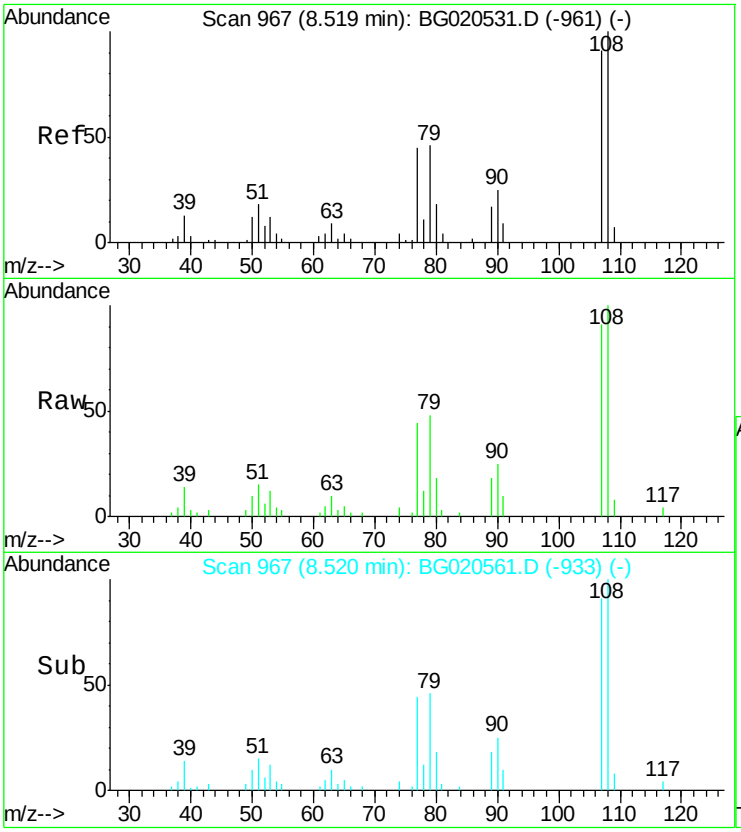
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020561.D
Acq On : 27 Dec 2015 19:14
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 28 05:57:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 04:59:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N54

Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

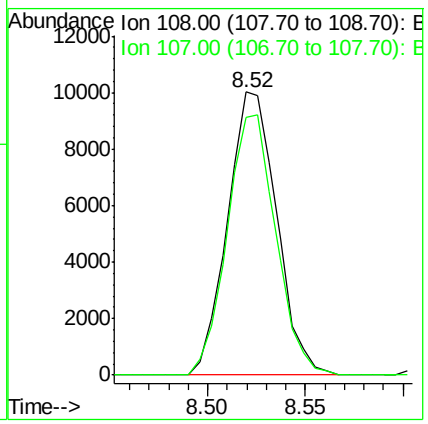




#11
2-Methylphenol
Concen: 3.17 ng/ul
RT: 8.52 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

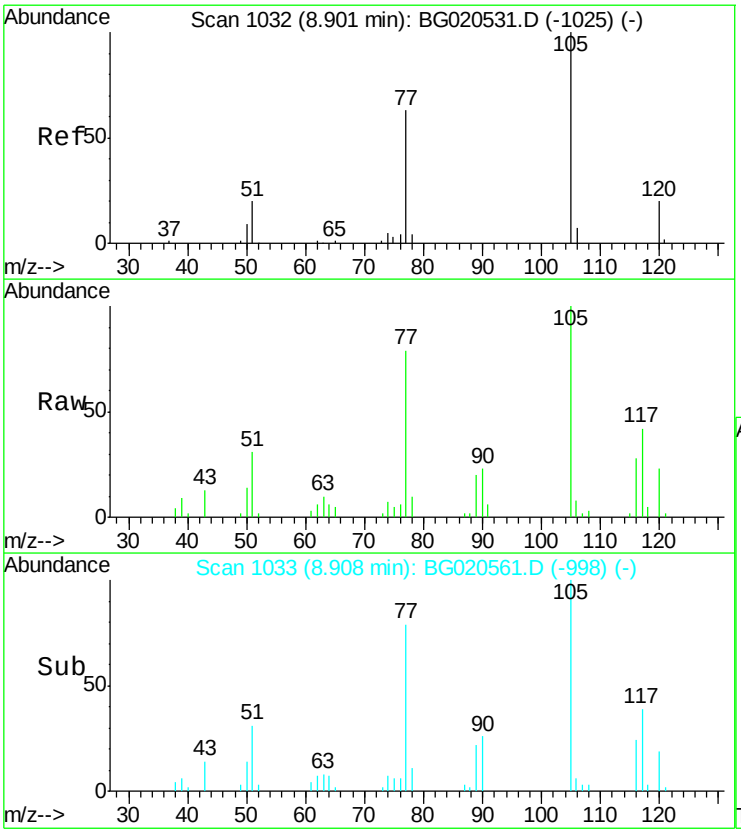
Tgt Ion:108 Resp: 17482

Ion	Ratio	Lower	Upper
108	100		
107	90.9	67.5	101.3



Instrument :
BNA_G
ClientSampleId :
D9N54

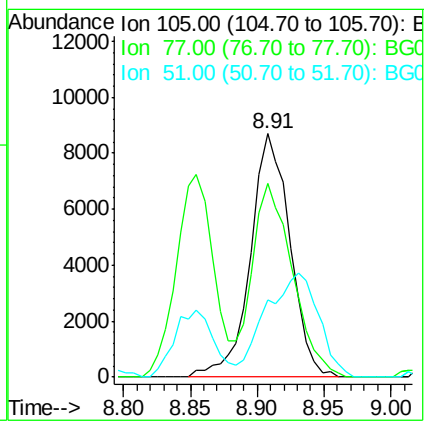
Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

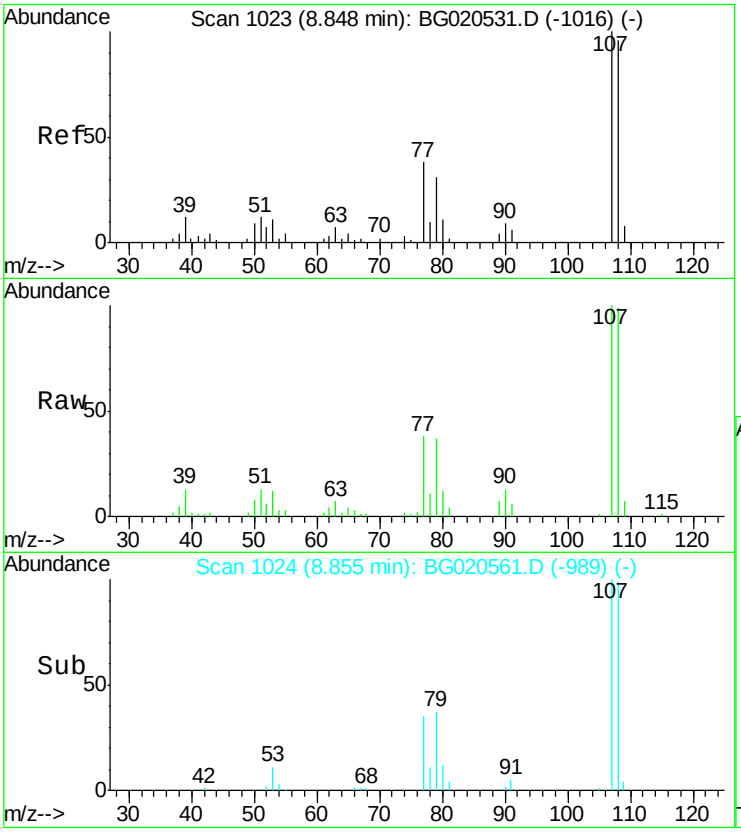


#14
Acetophenone
Concen: 1.93 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:105 Resp: 17795

Ion	Ratio	Lower	Upper
105	100		
77	79.4	65.2	97.8
51	31.5	22.6	33.8

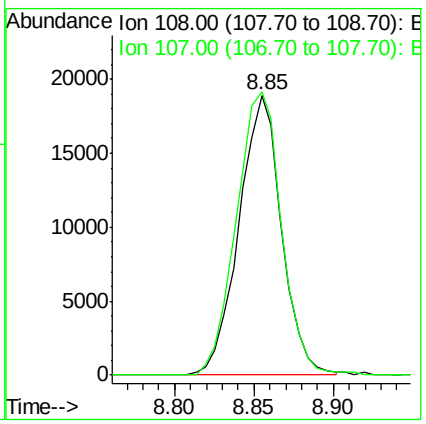




#16
4-Methylphenol
Concen: 5.86 ng/ul
RT: 8.85 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

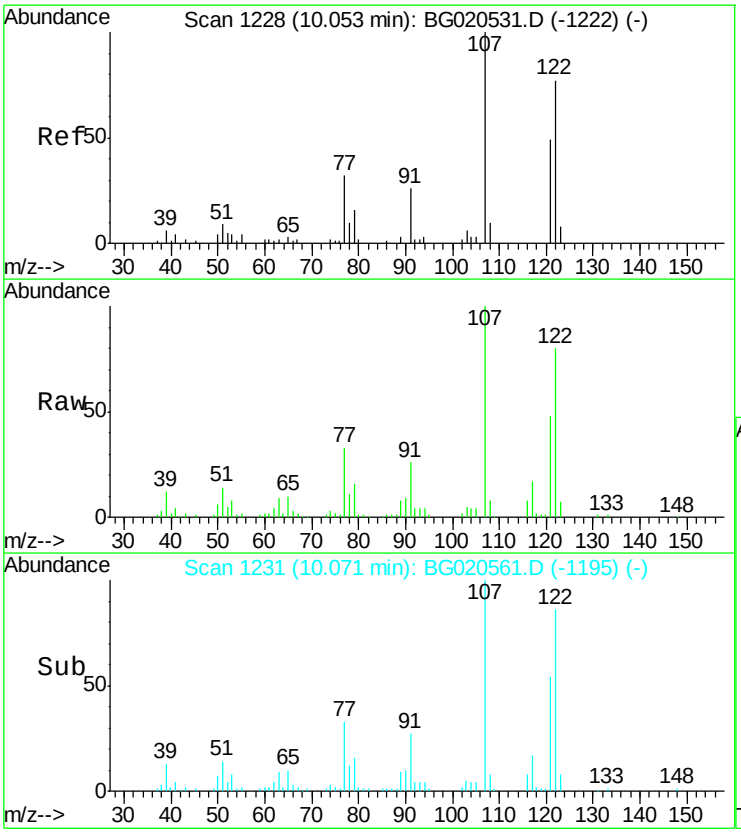
Tgt Ion:108 Resp: 35090

Ion	Ratio	Lower	Upper
108	100		
107	101.1	88.9	133.3



Instrument :
BNA_G
ClientSampleId :
D9N54

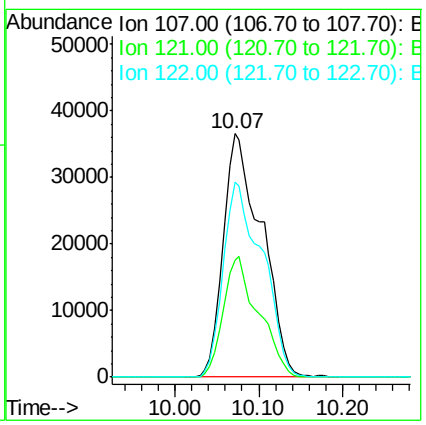
Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

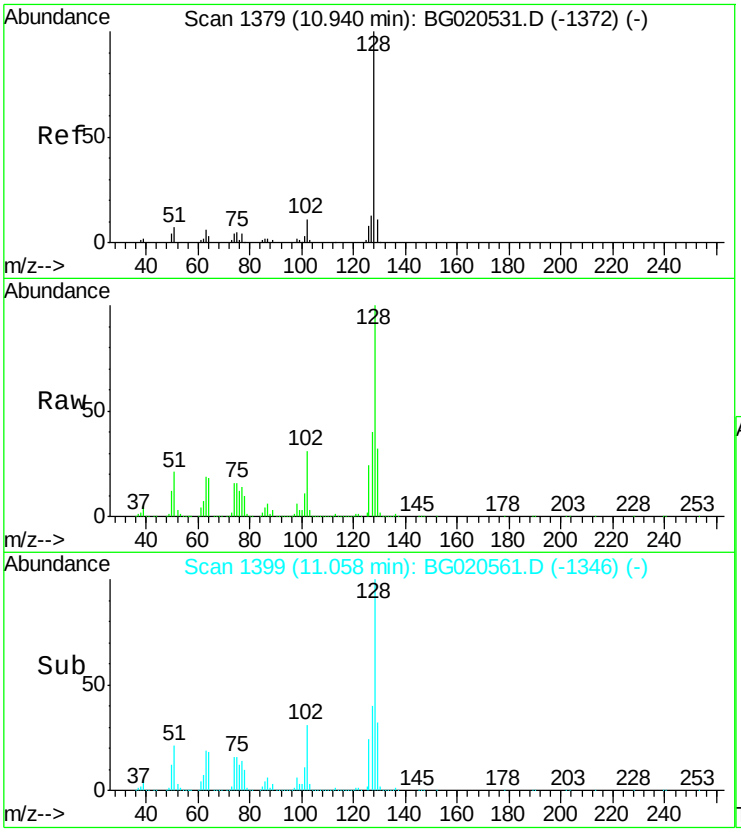


#24
2,4-Dimethylphenol
Concen: 14.90 ng/ul m
RT: 10.07 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:107 Resp: 116670

Ion	Ratio	Lower	Upper
107	100		
121	48.3	39.0	58.4
122	80.0	62.1	93.1

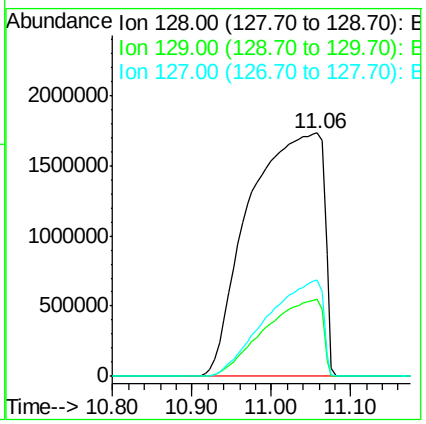




#28
Naphthalene
Concen: 539.83 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.11 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

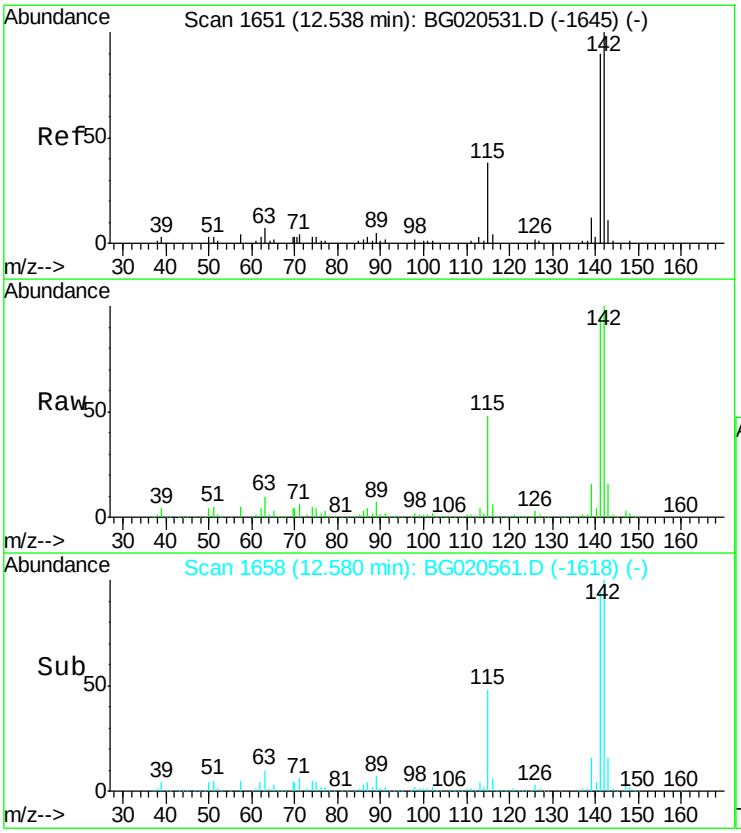
Tgt Ion:128 Resp:11234633

Ion	Ratio	Lower	Upper
128	100		
129	31.5	8.6	12.8#
127	39.8	10.1	15.1#



Instrument :
BNA_G
ClientSampleId :
D9N54

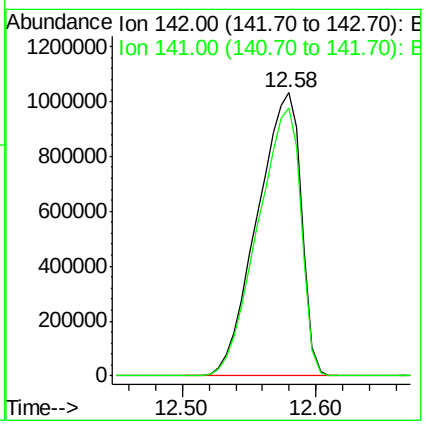
Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

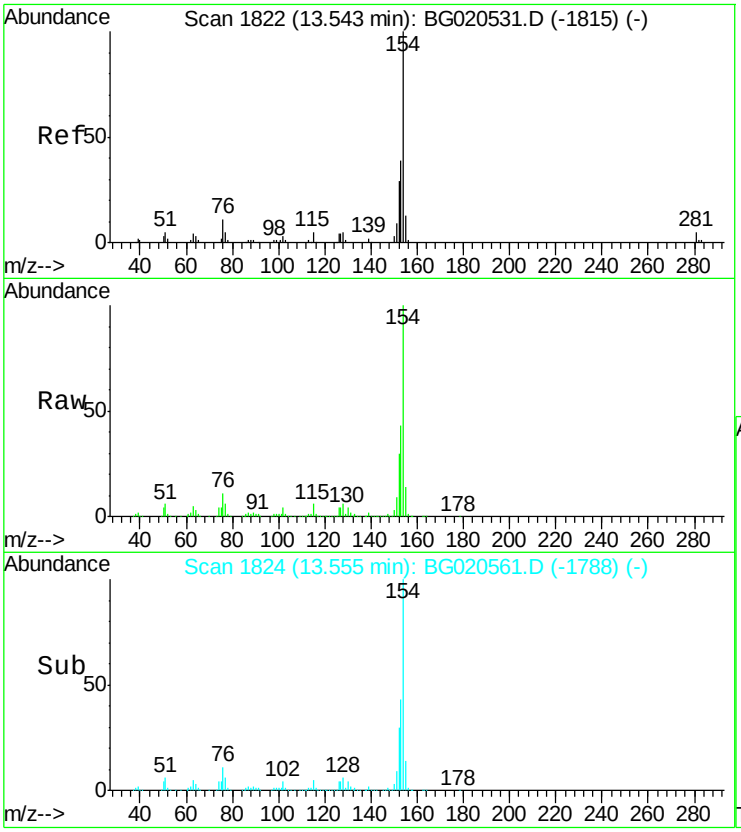


#34
2-Methylnaphthalene
Concen: 153.49 ng/ul
RT: 12.58 min Scan# 1658
Delta R.T. 0.04 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:142 Resp: 2363548

Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.9	112.3

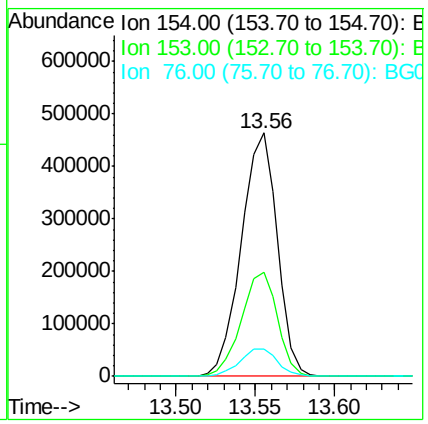




#41
1,1'-Biphenyl
Concen: 36.54 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

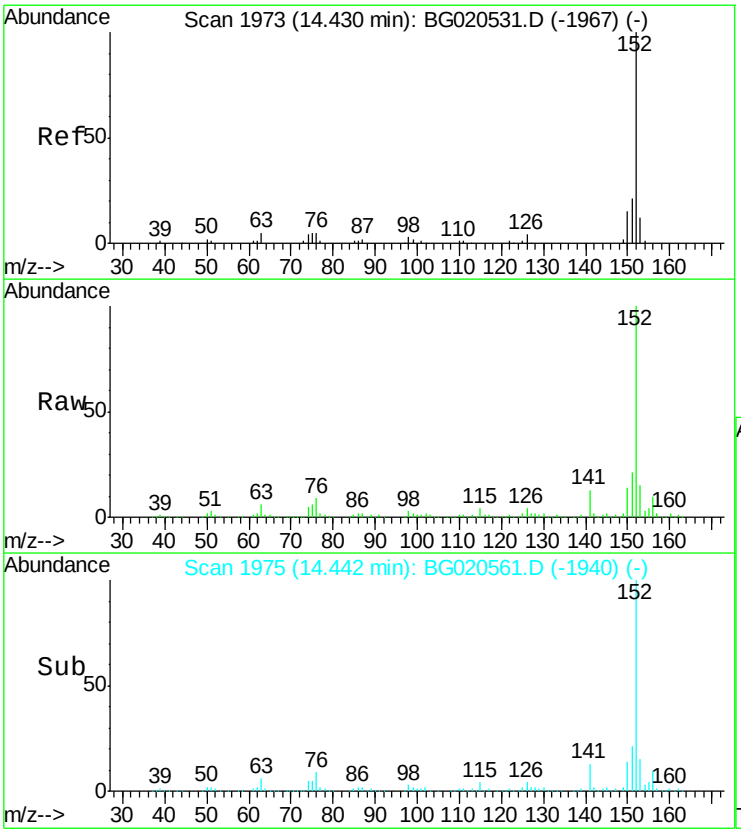
Tgt Ion:154 Resp: 730238

Ion	Ratio	Lower	Upper
154	100		
153	42.8	35.5	53.3
76	11.3	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
D9N54

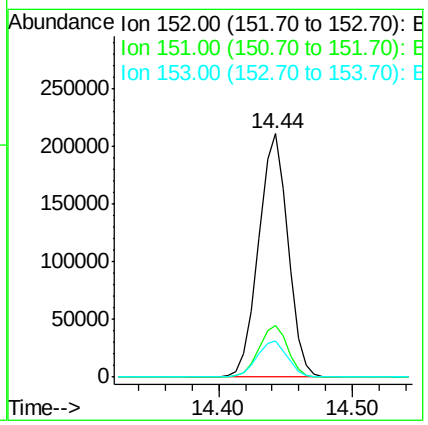
Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

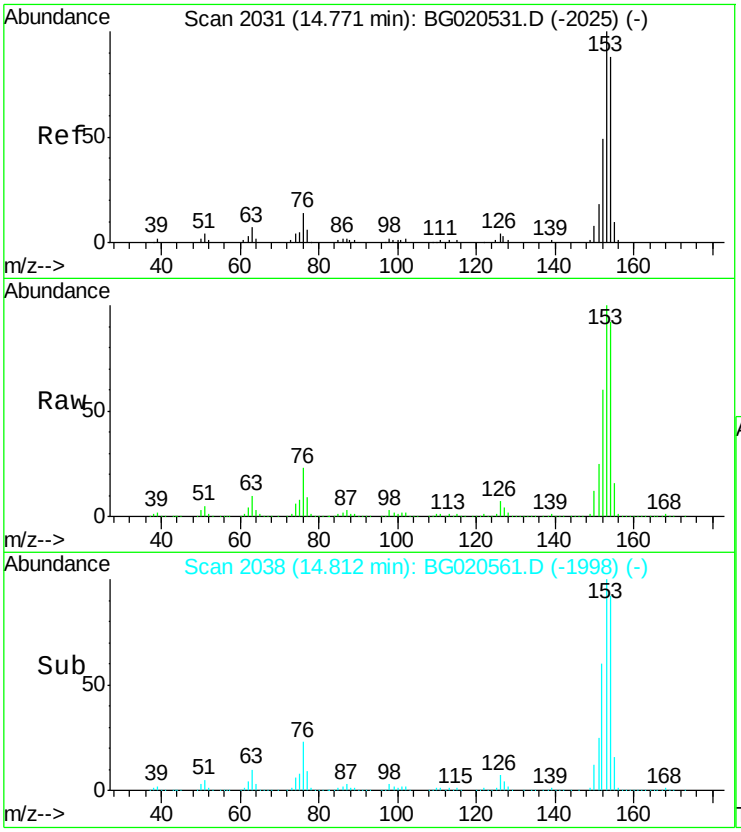


#48
Acenaphthylene
Concen: 12.33 ng/ul
RT: 14.44 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:152 Resp: 320534

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.4	24.6
153	14.8	10.4	15.6

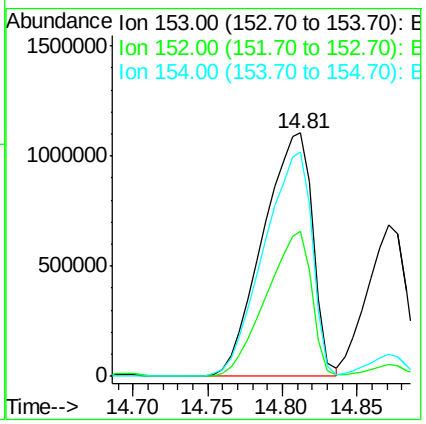




#50
Acenaphthene
Concen: 145.96 ng/ul
RT: 14.81 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

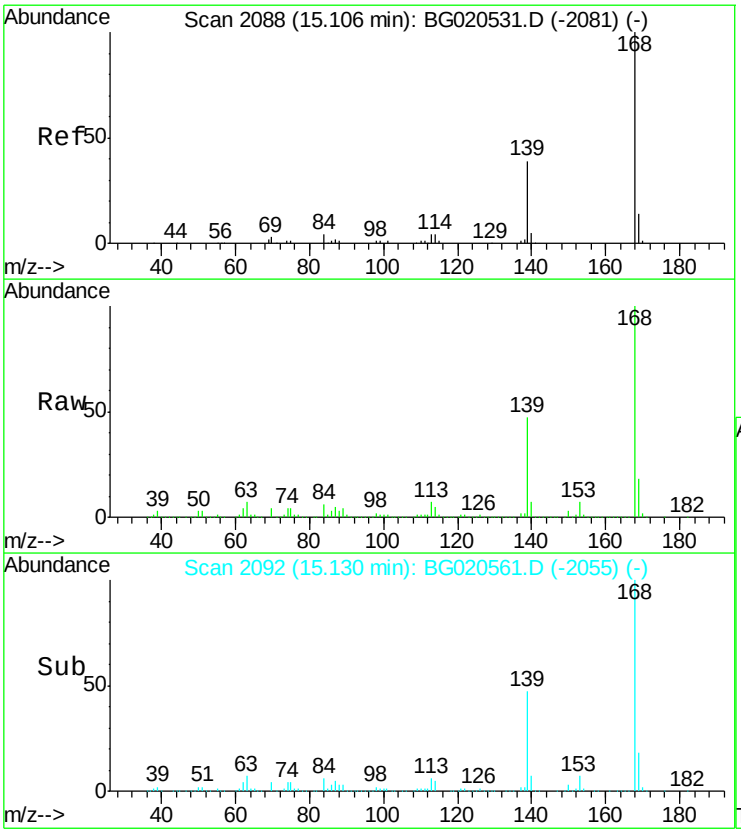
Tgt Ion:153 Resp: 2564791

Ion	Ratio	Lower	Upper
153	100		
152	59.8	37.6	56.4#
154	92.4	67.9	101.9



Instrument :
BNA_G
ClientSampleId :
D9N54

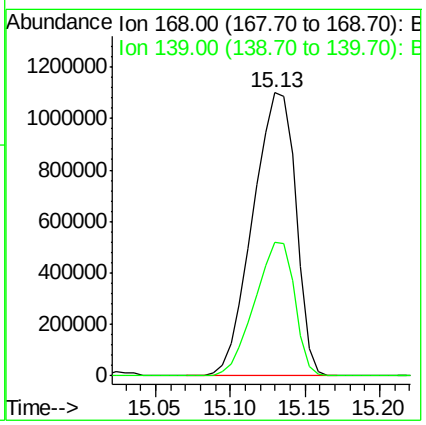
Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

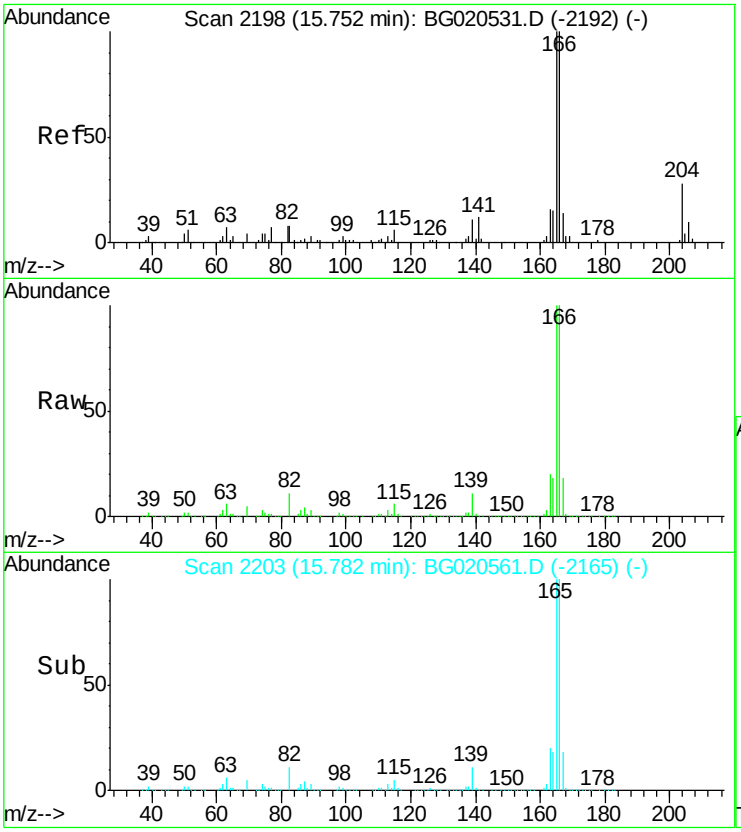


#54
Dibenzofuran
Concen: 84.07 ng/ul
RT: 15.13 min Scan# 2092
Delta R.T. 0.02 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:168 Resp: 2197759

Ion	Ratio	Lower	Upper
168	100		
139	47.3	30.5	45.7#





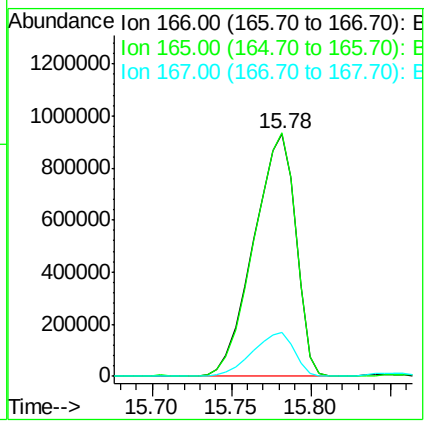
#59
Fluorene
Concen: 80.84 ng/ul
RT: 15.78 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

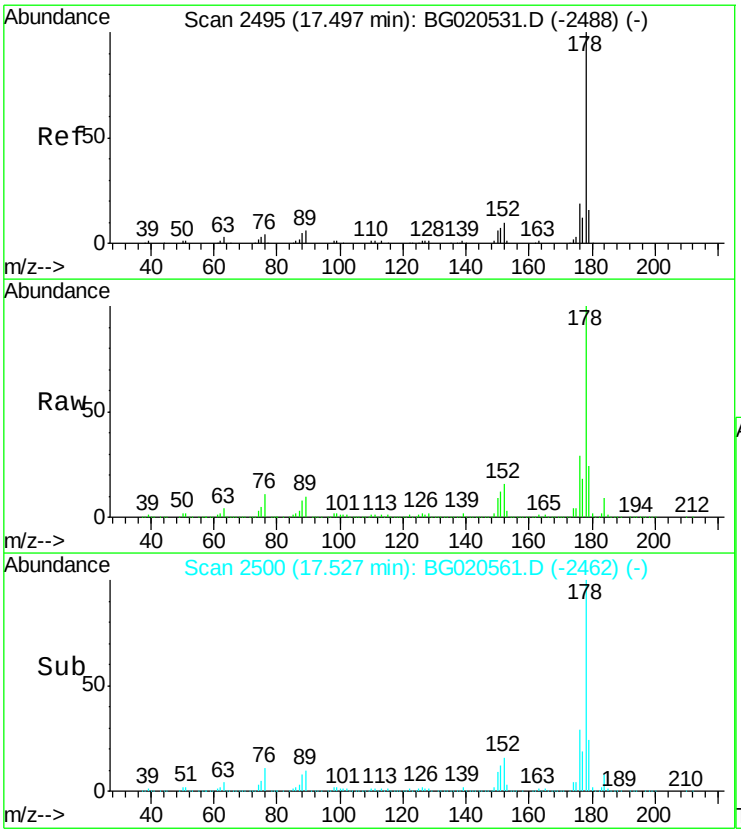
Tgt Ion:166 Resp: 1712584

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.4	122.0
167	18.0	11.2	16.8#

Instrument :
BNA_G
ClientSampleId :
D9N54

Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

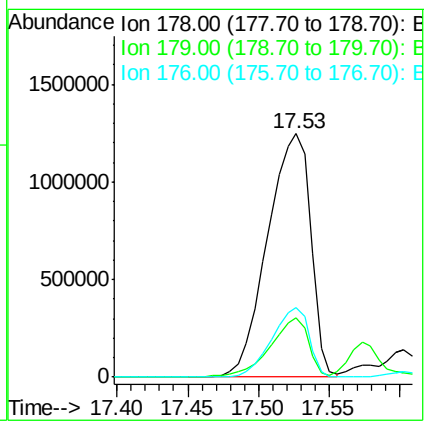


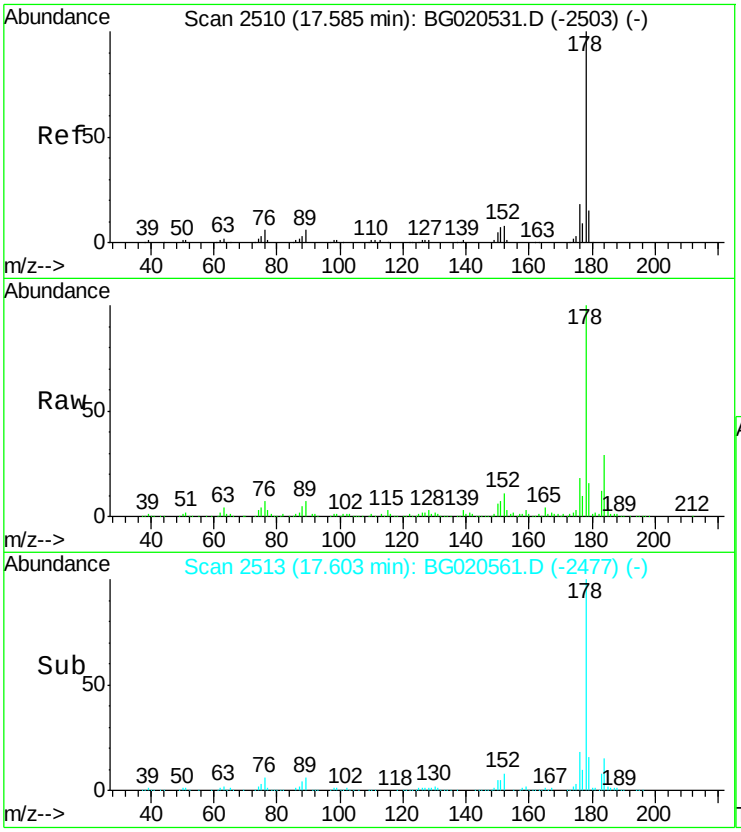


#70
Phenanthrene
Concen: 80.89 ng/ul m
RT: 17.53 min Scan# 2500
Delta R.T. 0.02 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:178 Resp: 2642181

Ion	Ratio	Lower	Upper
178	100		
179	24.2	12.9	19.3#
176	28.7	15.3	22.9#

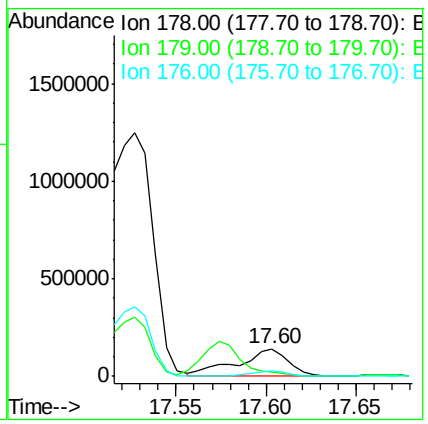




#72
Anthracene
Concen: 8.47 ng/ul m
RT: 17.60 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

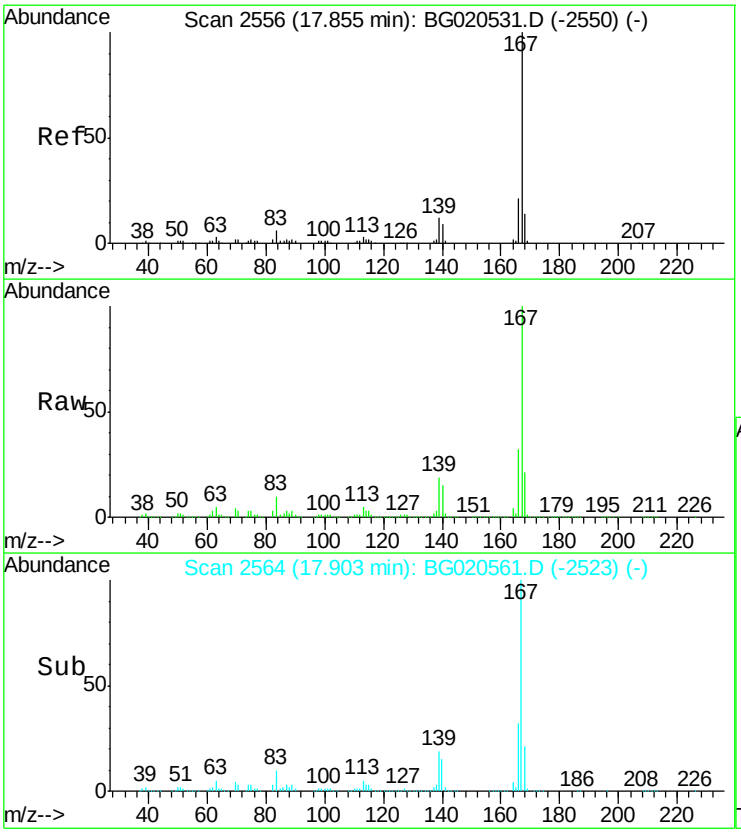
Tgt Ion:178 Resp: 282866

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	18.4	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
D9N54

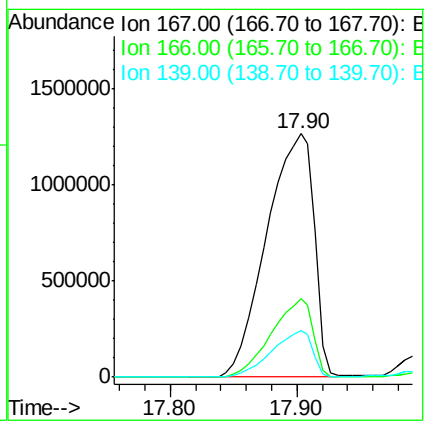
Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM

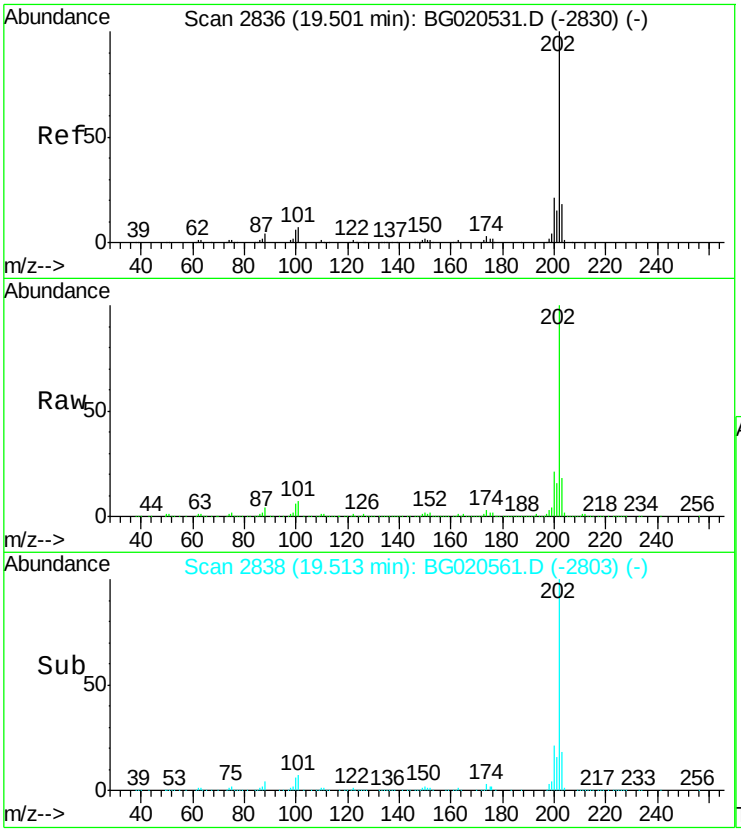


#75
Carbazole
Concen: 117.10 ng/ul
RT: 17.90 min Scan# 2564
Delta R.T. 0.04 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:167 Resp: 3295886

Ion	Ratio	Lower	Upper
167	100		
166	32.1	17.0	25.6#
139	19.2	10.1	15.1#

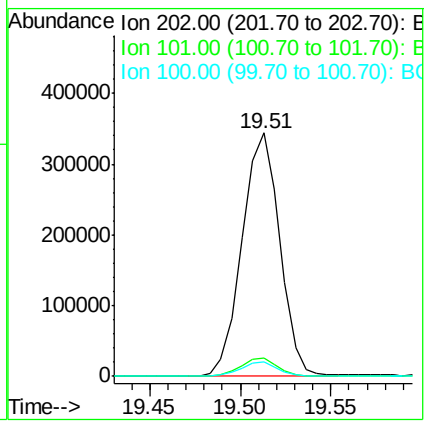




#77
Fluoranthene
Concen: 12.11 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

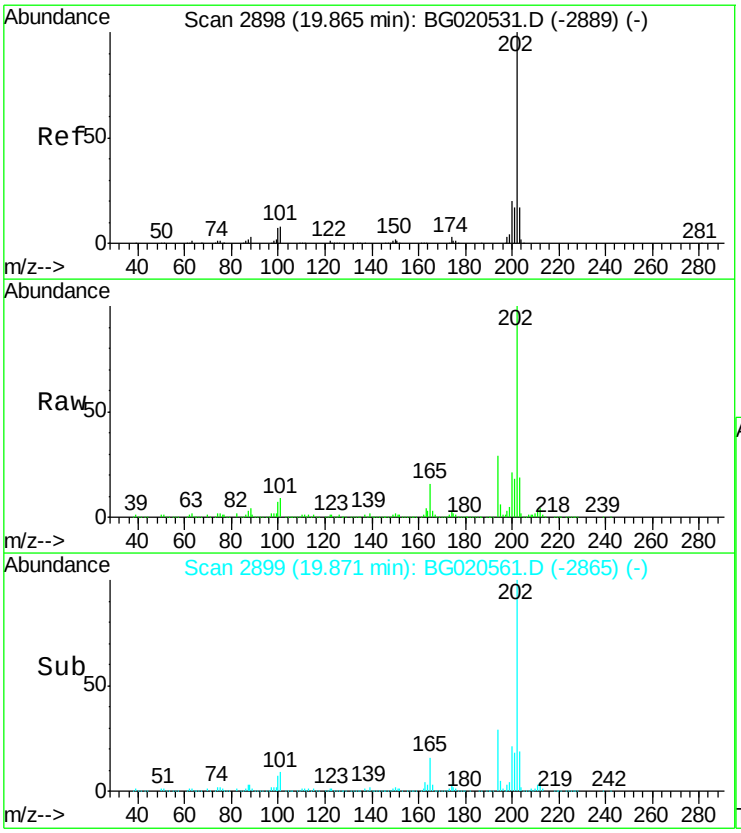
Tgt Ion:202 Resp: 497381

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	5.9	5.1	7.7



Instrument :
BNA_G
ClientSampleId :
D9N54

Manual Integrations APPROVED
Sohil
12/28/2015 6:09:02 PM



#80
Pyrene
Concen: 7.07 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020561.D
Acq: 27 Dec 2015 19:14

Tgt Ion:202 Resp: 286031

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
100	7.5	6.4	9.6