Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D91

Quant Time: Dec 28 01:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 01:15:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	23721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	100480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	68800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	164652	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	209126	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	210049	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1092	2.54	ng/uL	0.00
5) Phenol-d5	7.24	99	30066	15.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	18499	16.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	24761	16.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	25971	16.22	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	13034	16.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	15161	16.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	28451	16.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	18917	9.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	92839	16.37	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	111379	16.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9149	9.68	ng/ul	0.00
58) Fluorene-d10	15.70	176	89149	17.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	10369	9.50	ng/ul	0.01
71) Anthracene-d10	17.56	188	139518	18.09	ng/ul	0.00
79) Pyrene-d10	19.84	212	165312	18.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	191586	18.04	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.94	128	8132	1.52	ng/ul#	94
35) 1-Methylnaphthalene	12.76	142	24752	6.59	ng/ul	99
45) Dimethylphthalate	14.16	163	31769	5.51	ng/ul	99
48) Acenaphthylene	14.44	152	71847	10.40	ng/ul#	93
50) Acenaphthene	14.78	153	31608	6.77	ng/ul	96
54) Dibenzofuran	15.11	168	8252	1.19	ng/ul#	77
59) Fluorene	15.76	166	139341	24.75	ng/ul	99
65) N-Nitrosodiphenylamine	15.97	169	8020	1.74	ng/ul	99
70) Phenanthrene	17.51	178	961233	104.92	ng/ul	96
72) Anthracene	17.59	178	197265	21.06	ng/ul	98
77) Fluoranthene	19.51	202	888563	77.13	ng/ul	99
80) Pyrene	19.88	202	1286844	108.81	ng/ul	97
83) Benzo(a)anthracene	21.79	228	584448	47.59	ng/ul	92
85) Chrysene	21.79	228	582817	49.82	ng/ul	95
88) Benzo(b)fluoranthene	23.99	252	596311	47.30	ng/ul	96
89) Benzo(k)fluoranthene	23.99	252	596311	48.93	ng/ul	98
91) Benzo(a)pyrene	24.87	252	495337	40.88	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	284129	19.58	ng/ul	95
93) Dibenzo(a,h)anthracene	28.80	278	85766	7.12	ng/ul	96
94) Benzo(g,h,i)perylene	29.94	276	265396	22.26	ng/ul	99

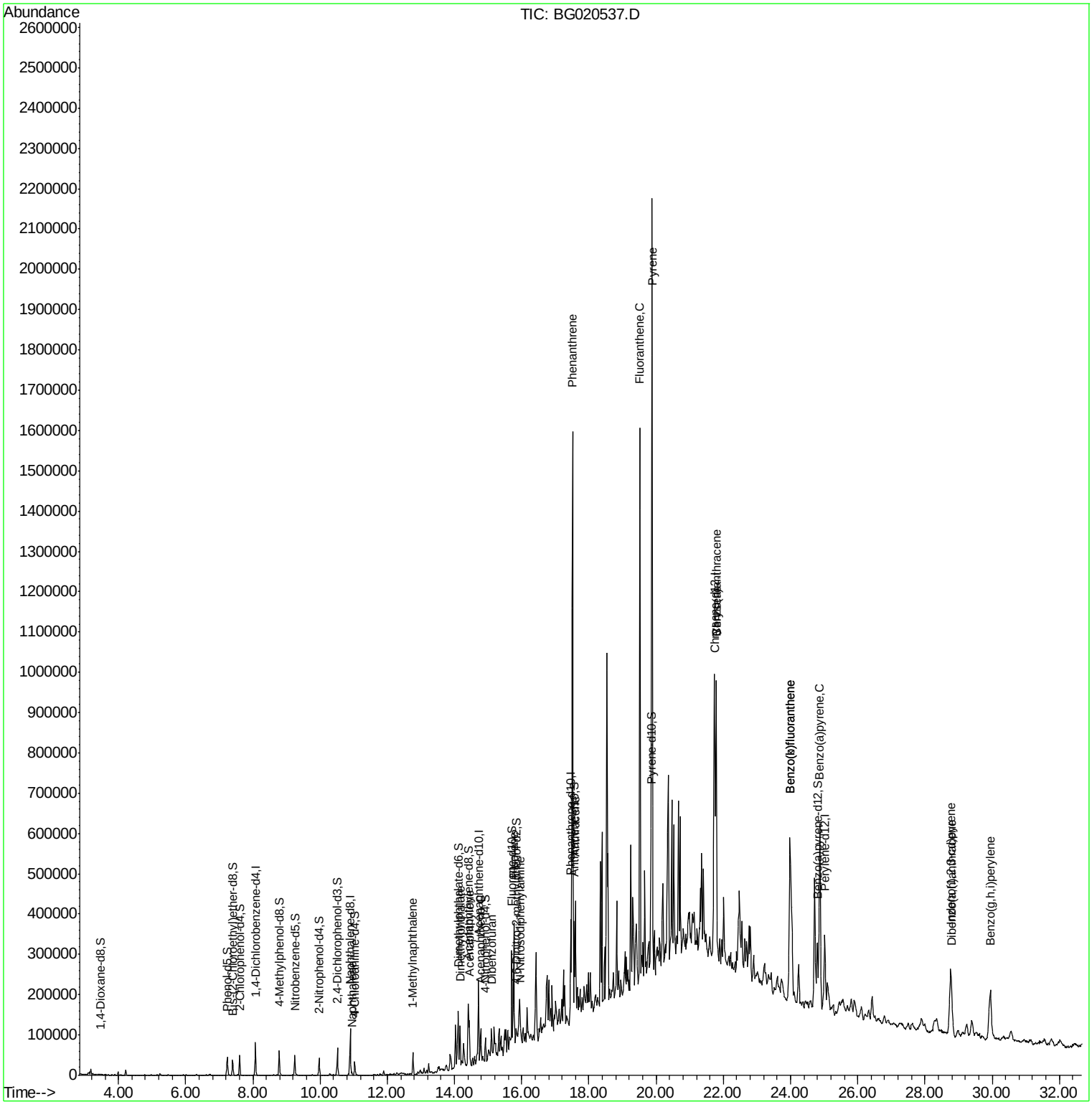
(#) = qualifier out of range (m) = manual integration (+) = signals summed

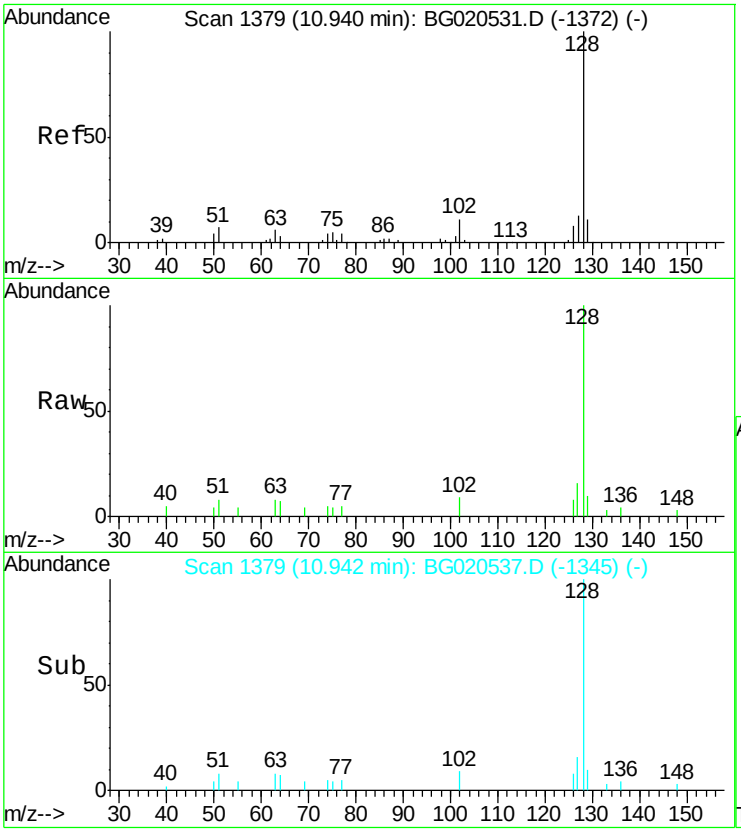
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D91

Quant Time: Dec 28 01:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 01:15:44 2015
Response via : Initial Calibration



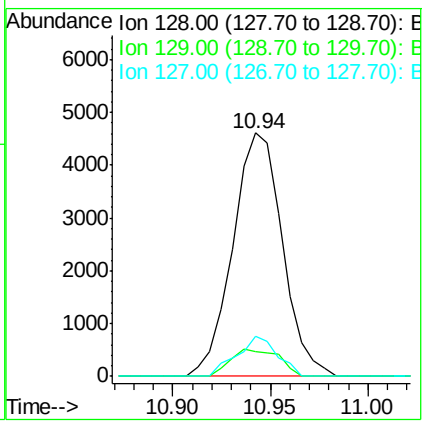


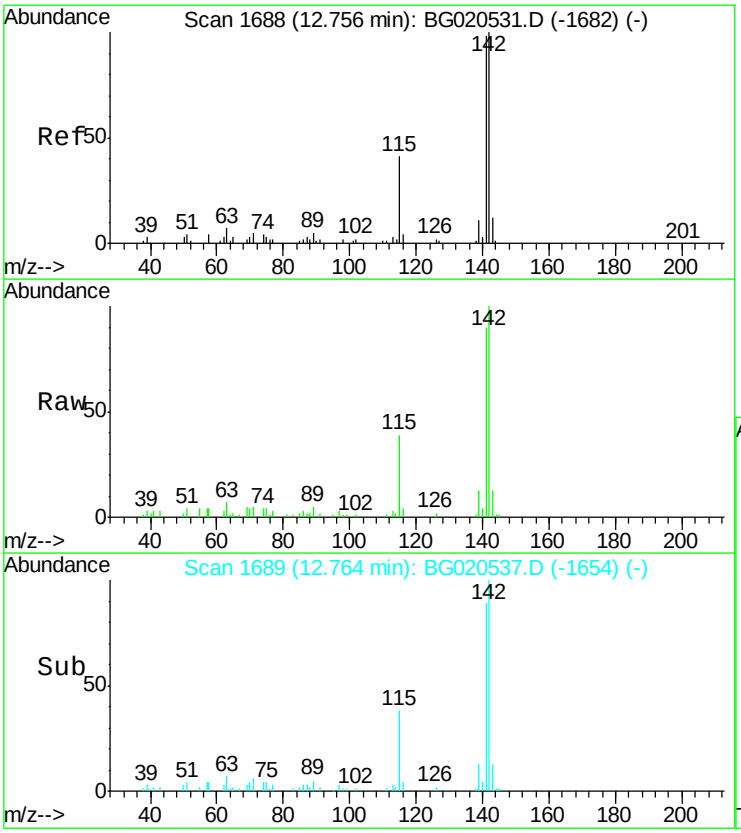
#28
Naphthalene
Concen: 1.52 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:128 Resp: 8132

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	16.3	10.1	15.1#

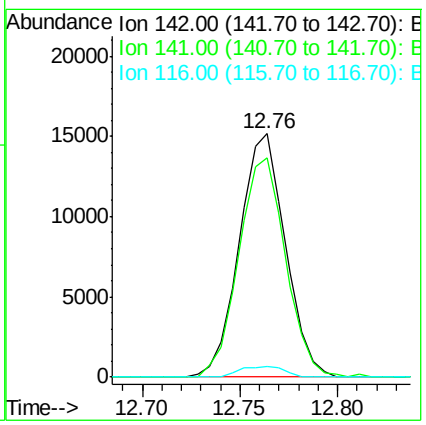


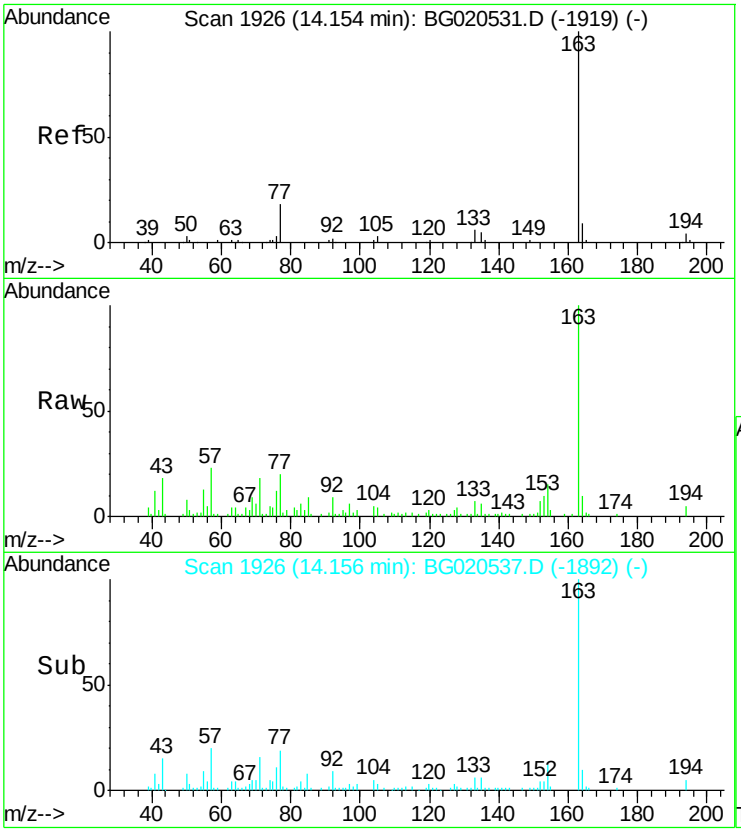


#35
1-Methylnaphthalene
Concen: 6.59 ng/ul
RT: 12.76 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:142 Resp: 24752

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	4.1	3.0	4.6



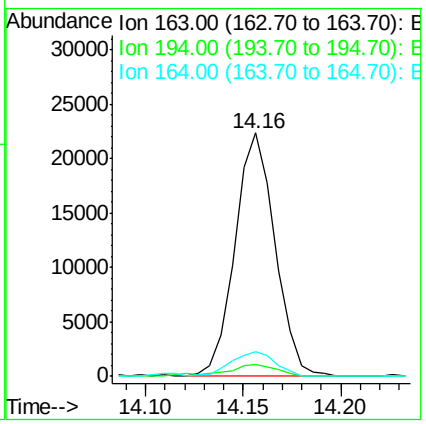


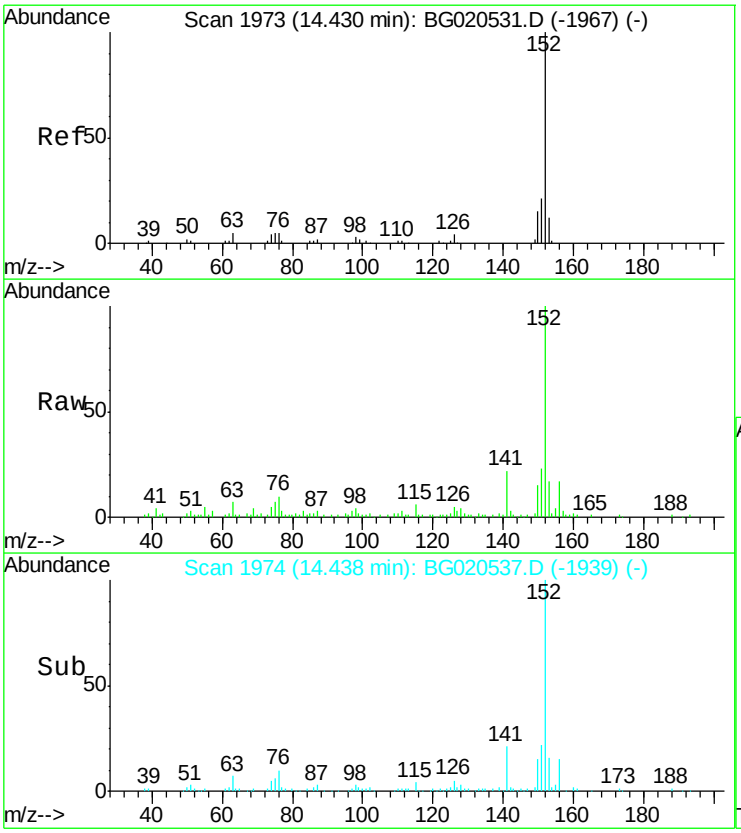
#45
Dimethylphthalate
Concen: 5.51 ng/ul
RT: 14.16 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:163 Resp: 31769

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.9	7.7	11.5

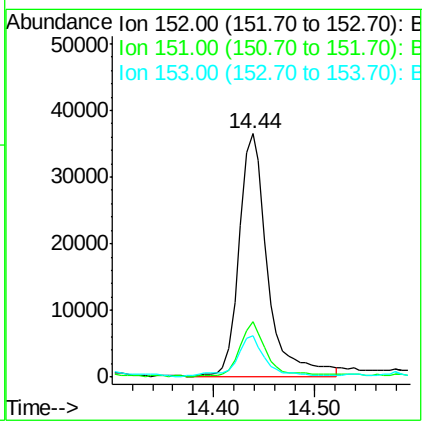


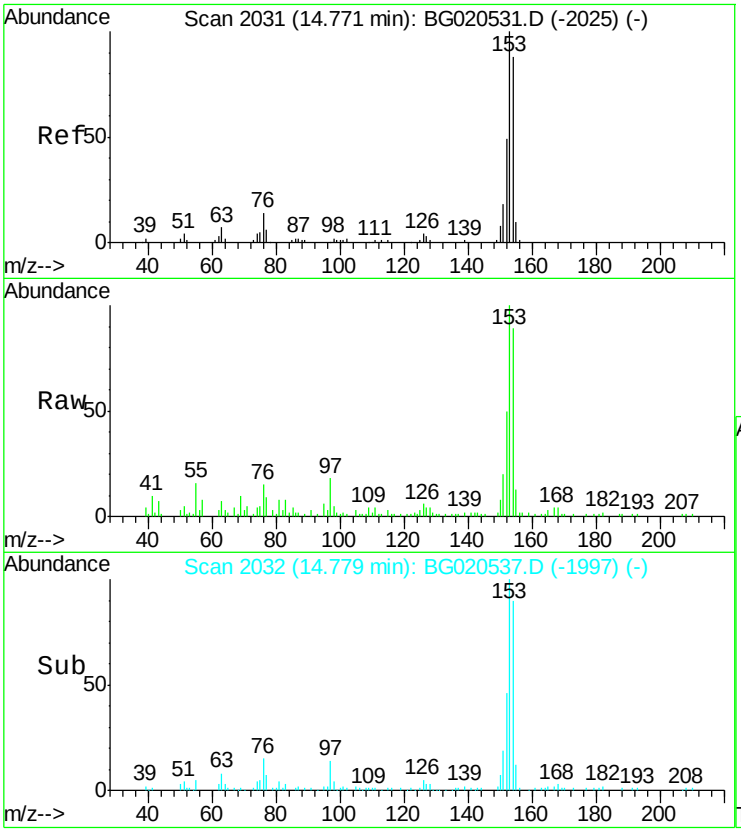


#48
Acenaphthylene
Concen: 10.40 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:152 Resp: 71847

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.4	24.6
153	16.8	10.4	15.6#



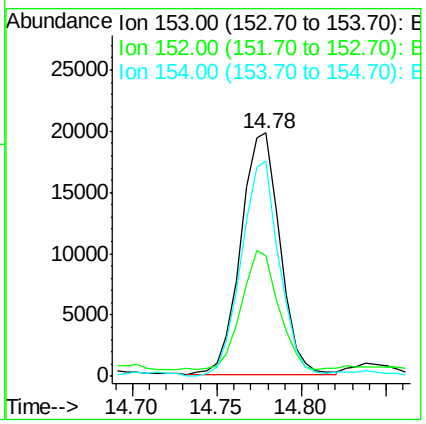


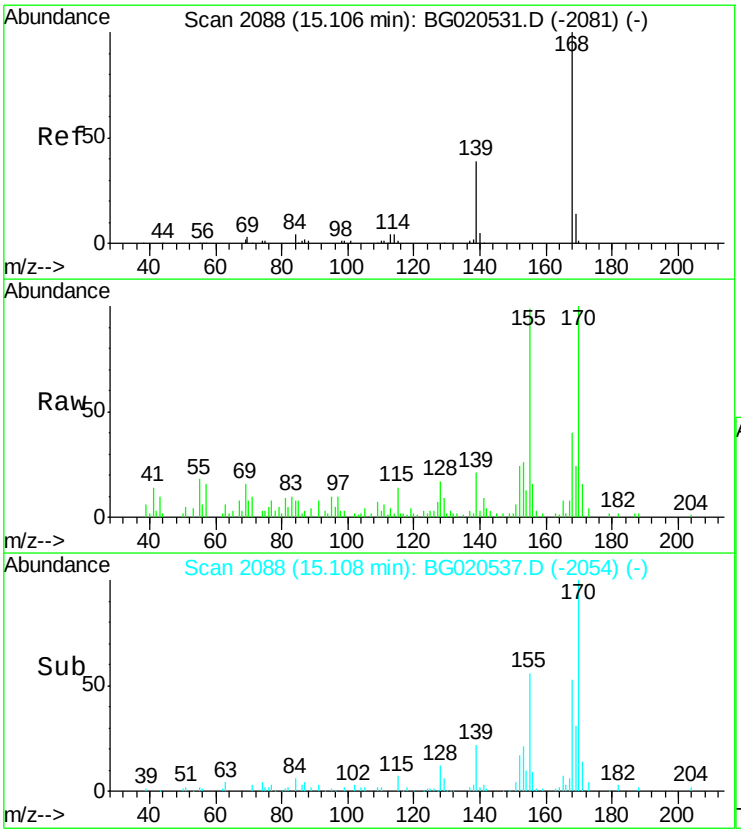
#50
Acenaphthene
Concen: 6.77 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:153 Resp: 31608

Ion	Ratio	Lower	Upper
153	100		
152	49.8	37.6	56.4
154	88.6	67.9	101.9

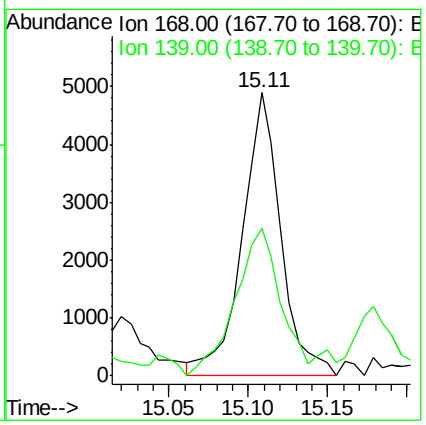


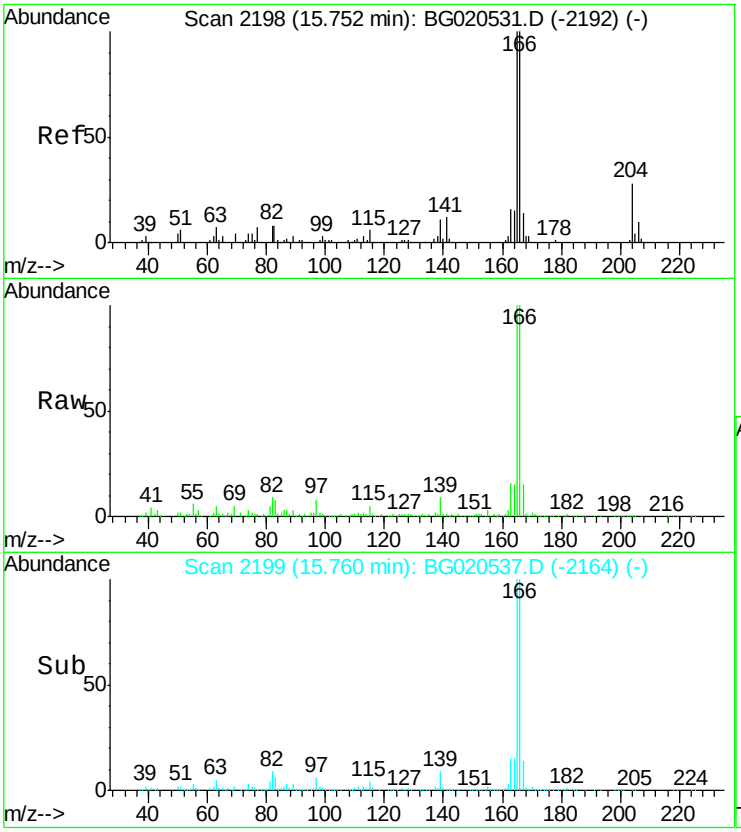


#54
Dibenzofuran
Concen: 1.19 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:168 Resp: 8252

Ion	Ratio	Lower	Upper
168	100		
139	52.1	30.5	45.7#



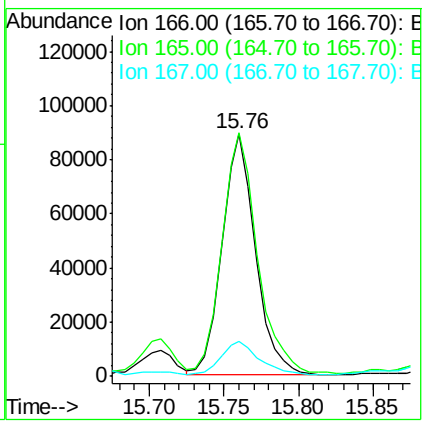


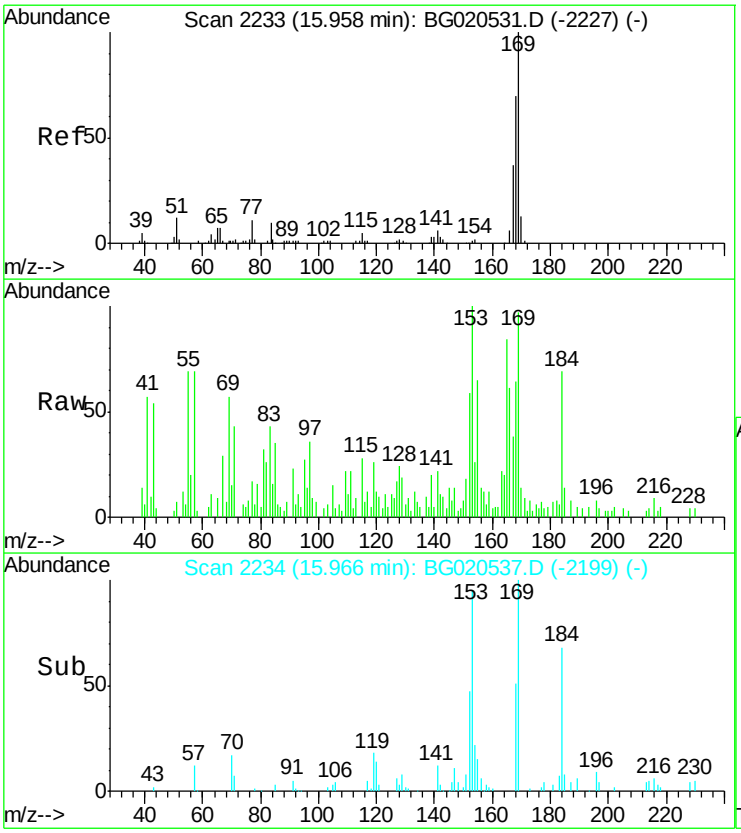
#59
Fluorene
Concen: 24.75 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:166 Resp: 139341

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.4	122.0
167	14.7	11.2	16.8

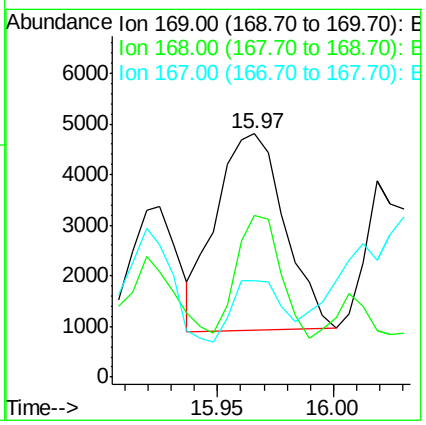


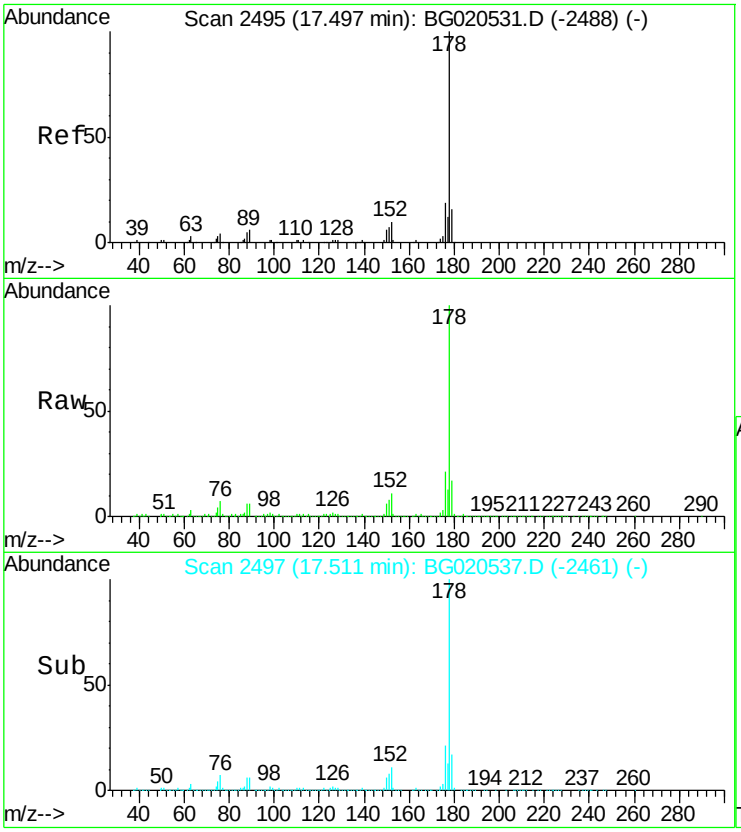


#65
N-Nitrosodiphenylamine
Concen: 1.74 ng/ul
RT: 15.97 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:169 Resp: 8020

Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.3	81.5
167	39.6	31.8	47.8



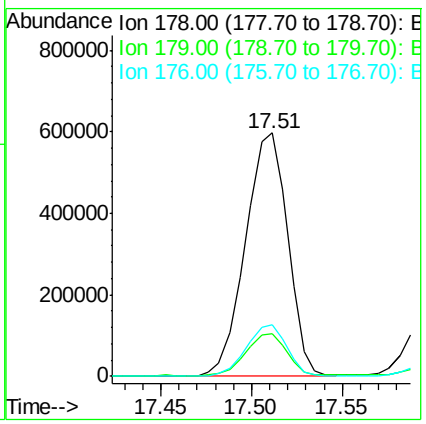


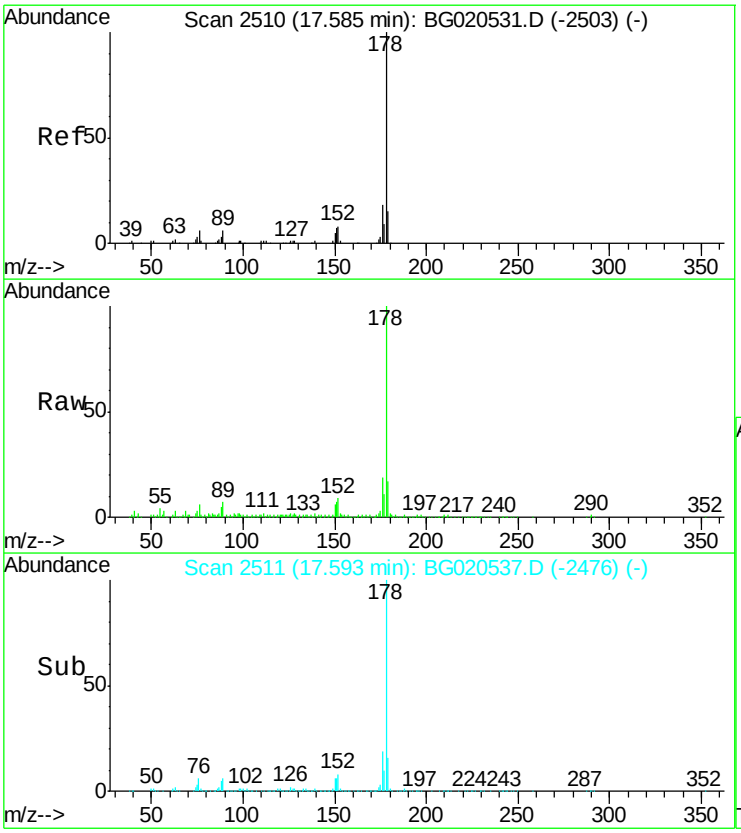
#70
Phenanthrene
Concen: 104.92 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:178 Resp: 961233

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.9	19.3
176	21.1	15.3	22.9

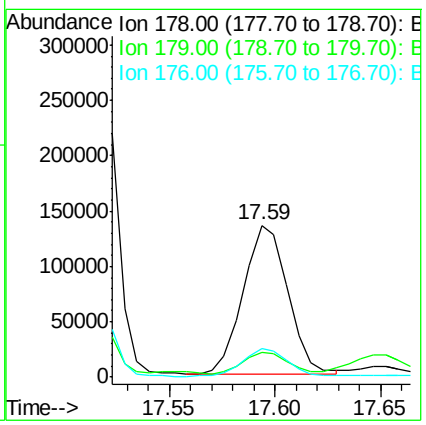


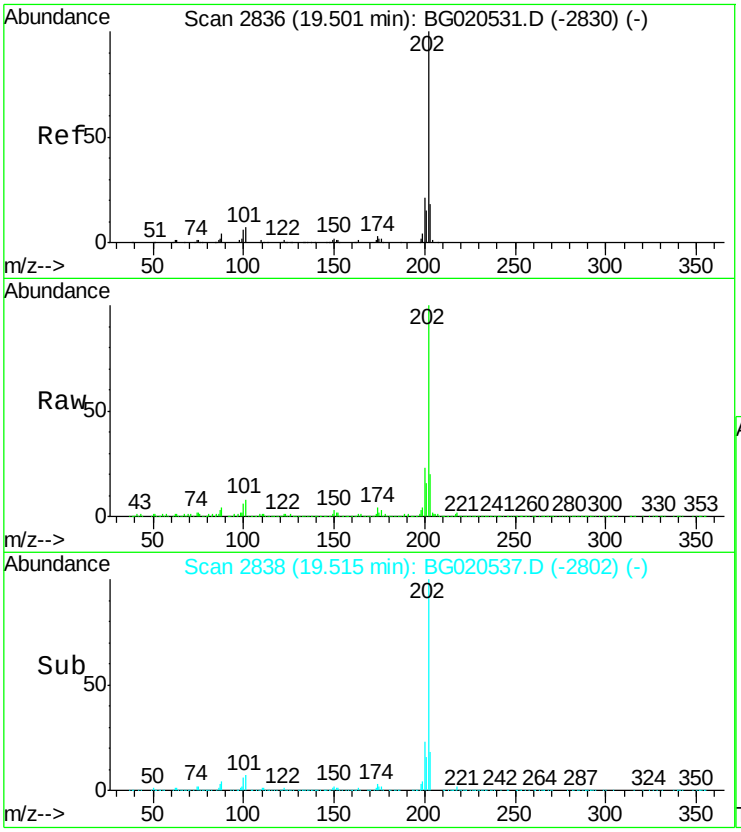


#72
Anthracene
Concen: 21.06 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:178 Resp: 197265

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	18.8	14.3	21.5



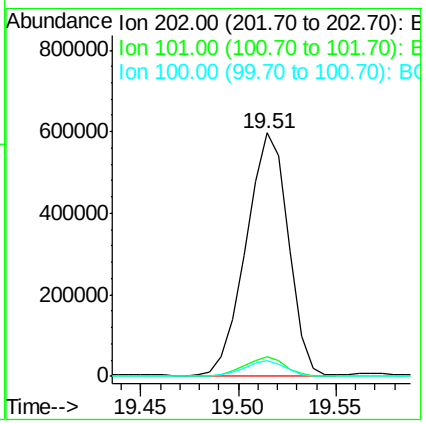


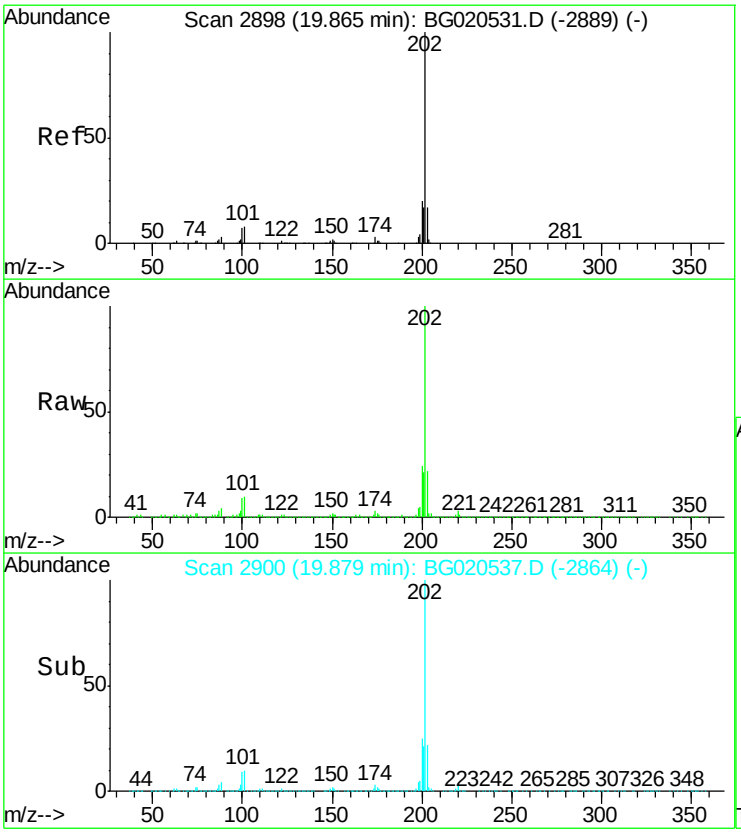
#77
Fluoranthene
Concen: 77.13 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:202 Resp: 888563

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.4
100	6.5	5.1	7.7

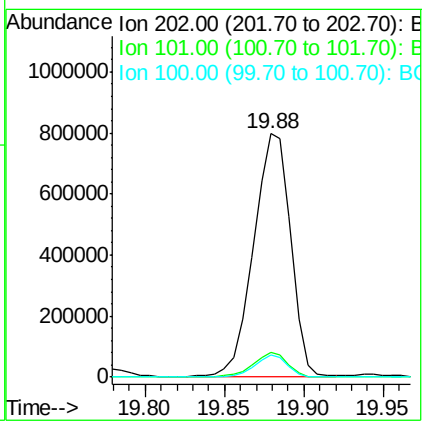


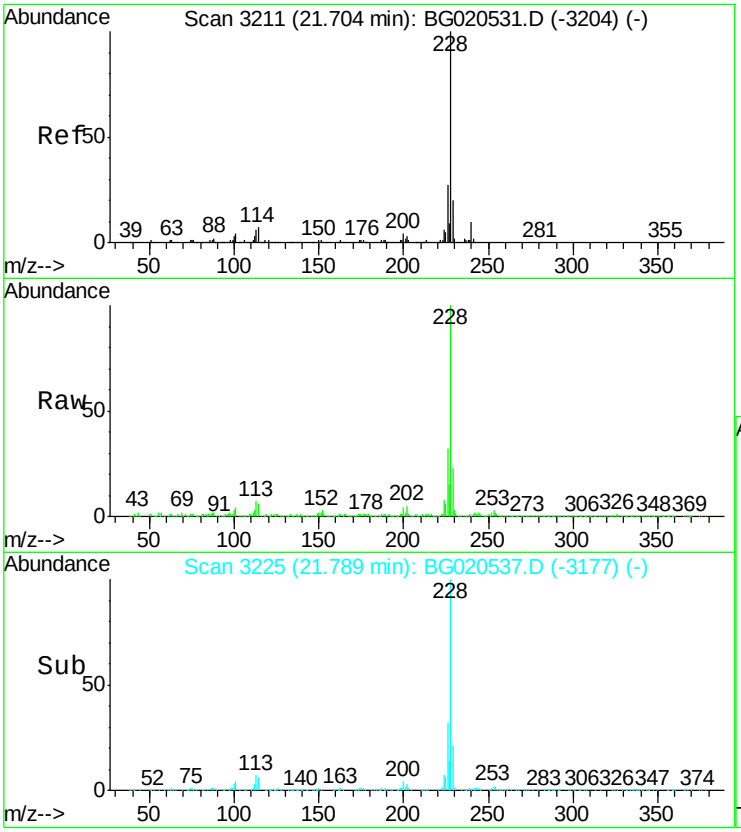


#80
Pyrene
Concen: 108.81 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:202 Resp: 1286844

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.0	10.4
100	8.9	6.4	9.6



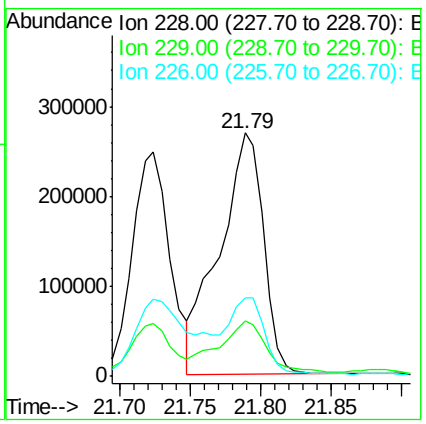


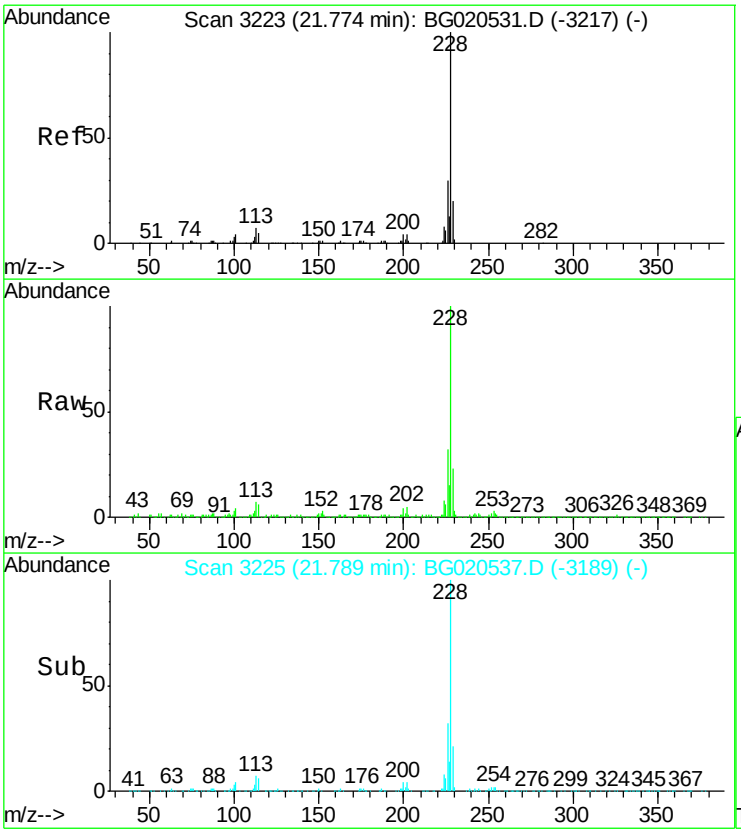
#83
Benzo(a)anthracene
Concen: 47.59 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. 0.08 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Instrument :
BNA_G
ClientSampleId :
G9D91

Tgt Ion:228 Resp: 584448

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	32.4	21.8	32.6





#85
Chrysene
Concen: 49.82 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BG020537.D
Acq: 26 Dec 2015 12:52

Tgt Ion:228 Resp: 582817

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.9	35.9
229	22.5	15.6	23.4