Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112015\
Data File : BG019738.D
Acq On : 21 Nov 2015 3:12
Operator : UM/NP
Sample : G4428-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 04:16:05 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:06:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	98355	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	78805	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	226542	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	313228	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	298074	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1982	3.55	ng/uL	0.00
5) Phenol-d5	7.26	99	34691	14.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	23801	14.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	22890	14.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	15401	7.62	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	12083	14.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	14091	15.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	26940	13.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	26978	14.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	105602	14.82	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	102490	13.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	14500	12.91	ng/ul	0.00
58) Fluorene-d10	15.74	176	85712	13.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	16780	11.47	ng/ul	0.00
71) Anthracene-d10	17.59	188	144773	13.16	ng/ul	0.00
79) Pyrene-d10	19.87	212	186564	13.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	195101	12.54	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.20	163	52235	7.39	ng/ul	99
70) Phenanthrene	17.54	178	190710	15.73	ng/ul	99
72) Anthracene	17.63	178	18175	1.49	ng/ul	97
75) Carbazole	17.89	167	13264	1.35	ng/ul#	88
77) Fluoranthene	19.54	202	266205	17.23	ng/ul	98
80) Pyrene	19.90	202	241313	13.19	ng/ul#	95
83) Benzo(a)anthracene	21.75	228	113563	5.98	ng/ul	99
85) Chrysene	21.81	228	119858	6.71	ng/ul	98
88) Benzo(b)fluoranthene	24.01	252	124512	6.78	ng/ul	99
89) Benzo(k)fluoranthene	24.01	252	124512	7.03	ng/ul	99
91) Benzo(a)pyrene	24.90	252	79799	4.51	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.82	276	50656	2.56	ng/ul#	90
94) Benzo(g,h,i)perylene	30.00	276	44100	2.69	ng/ul#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112015\
Data File : BG019738.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 04:16:05 2015
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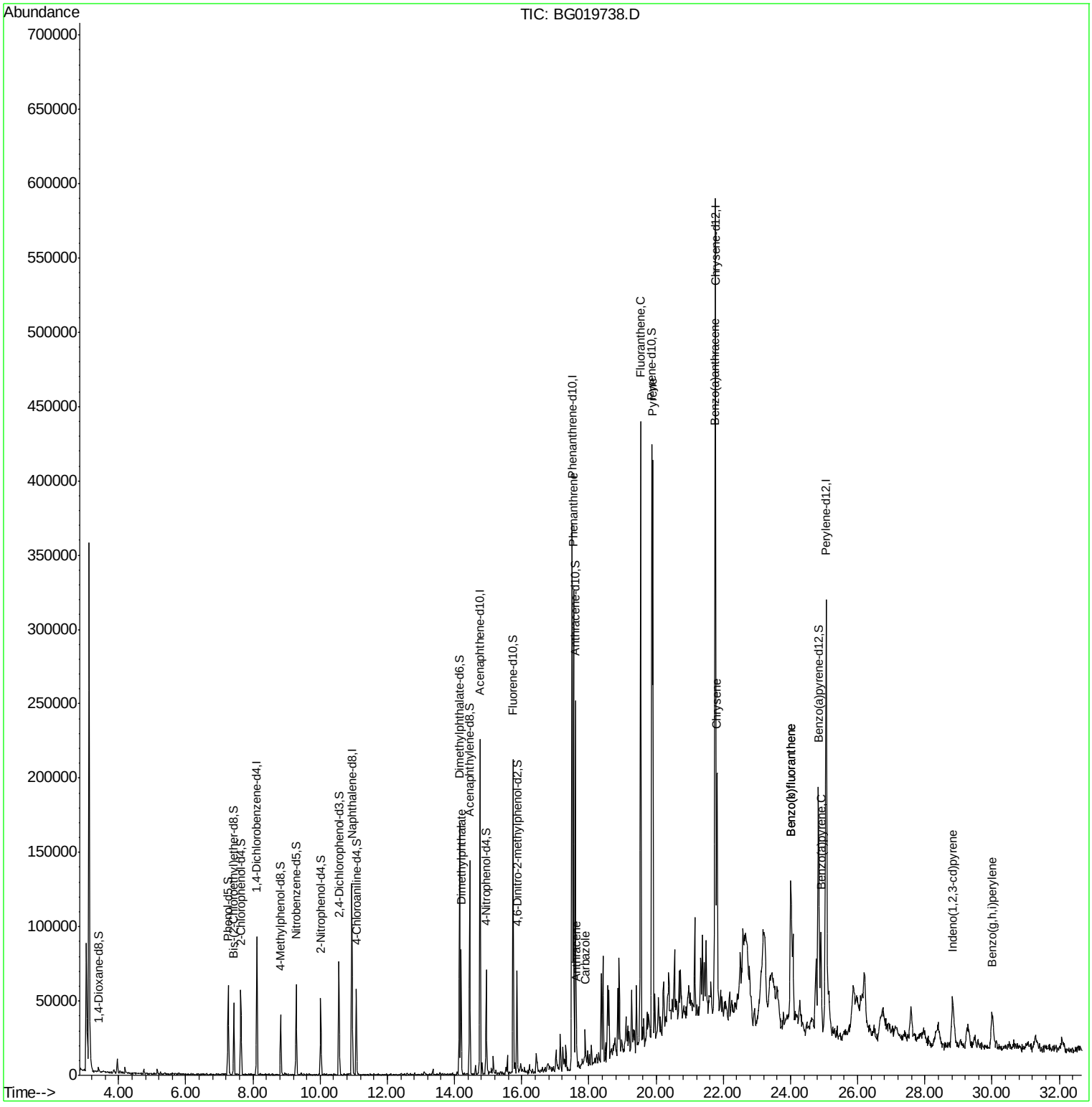
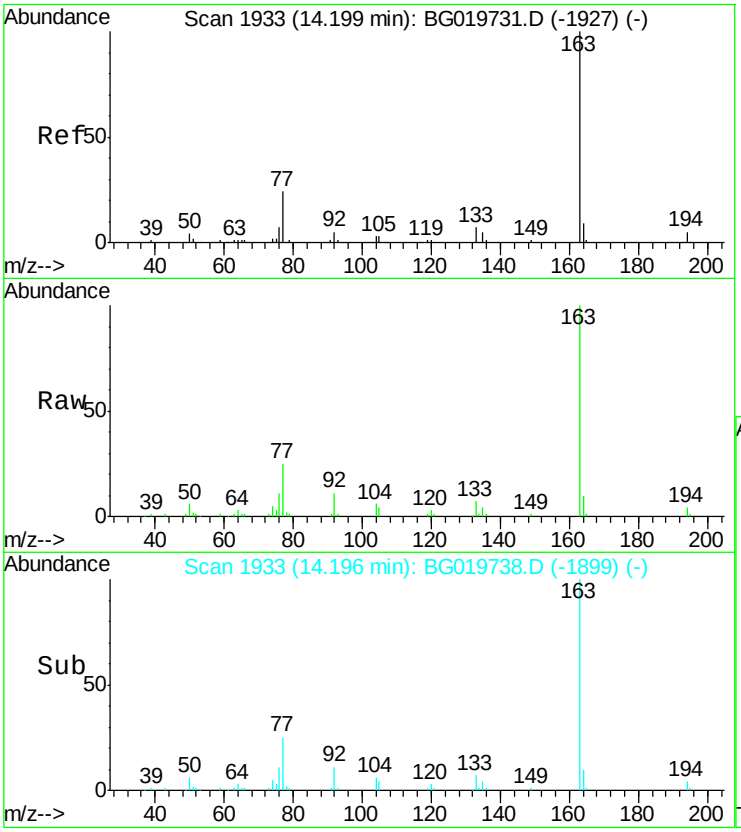
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:06:32 2015
Response via : Initial Calibration



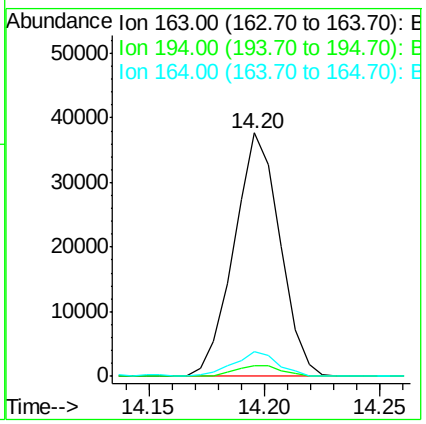


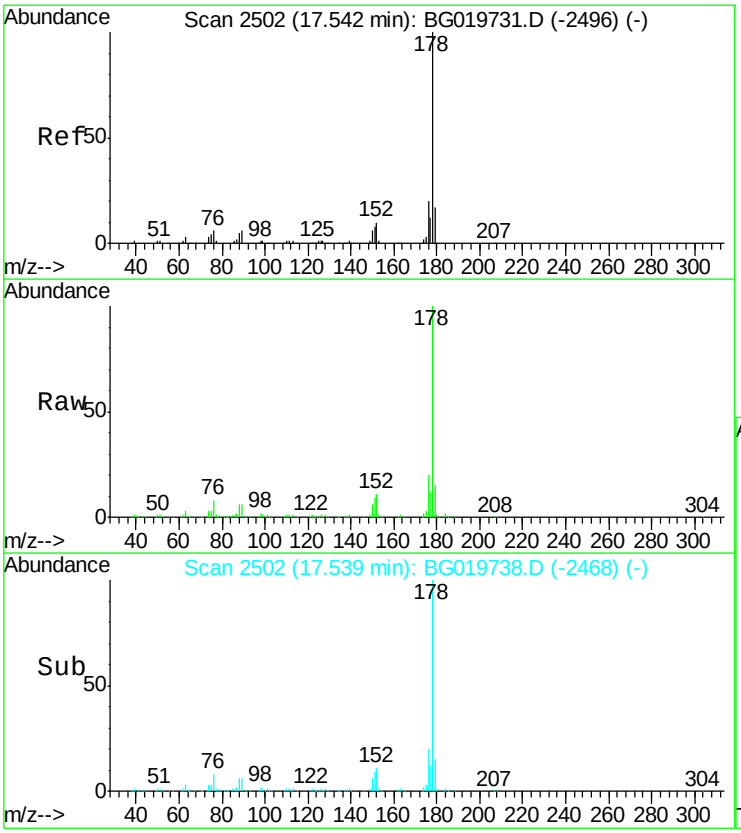
#45
Dimethylphthalate
Concen: 7.39 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 52235

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.1	8.3	12.5

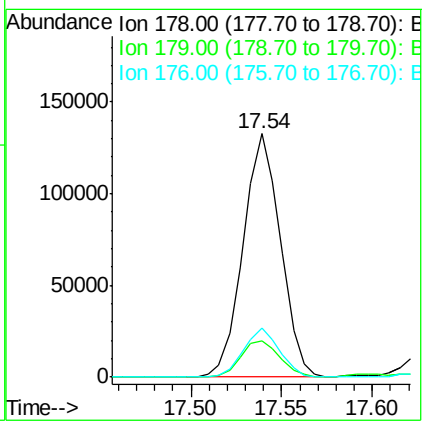


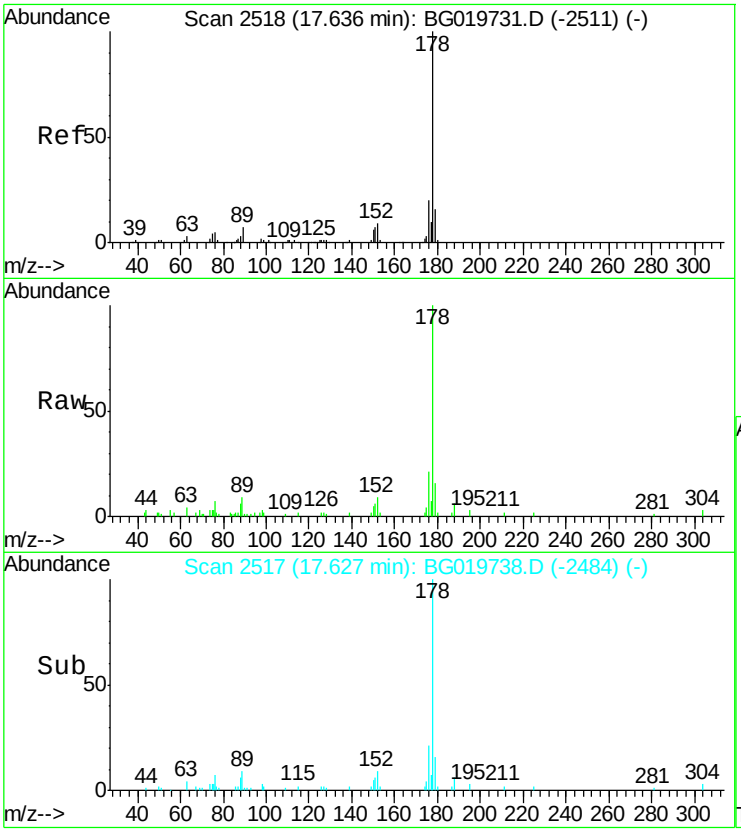


#70
Phenanthrene
Concen: 15.73 ng/ul
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Tgt Ion:178 Resp: 190710

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	20.1	16.6	24.8



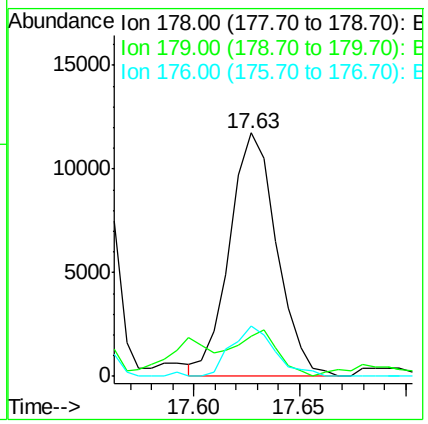


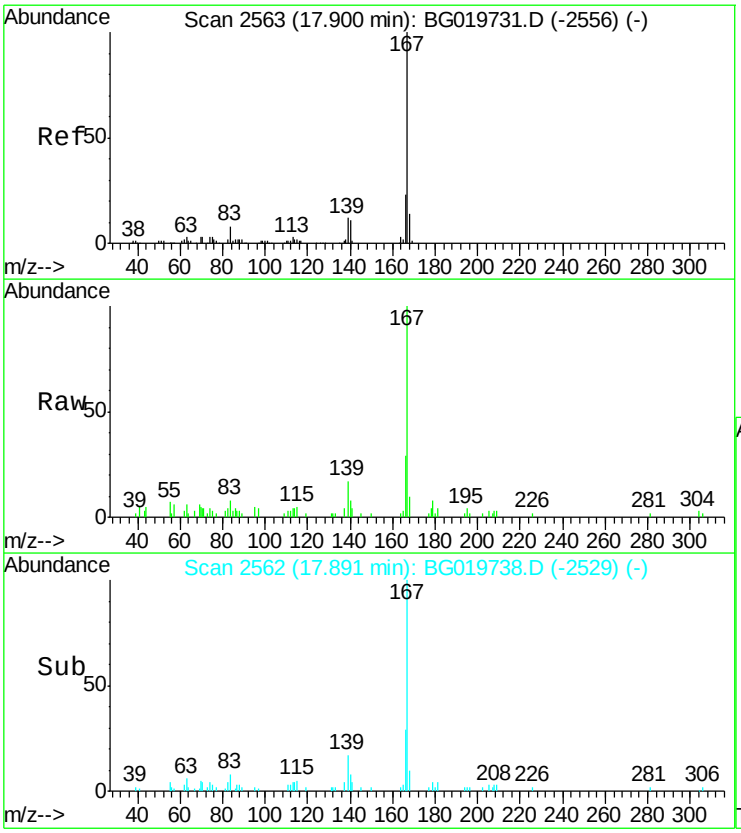
#72
Anthracene
Concen: 1.49 ng/ul
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 18175

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	20.6	15.0	22.4

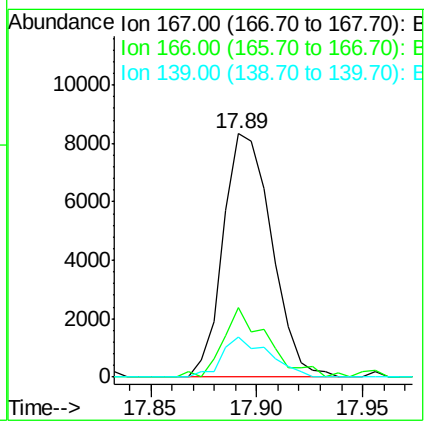


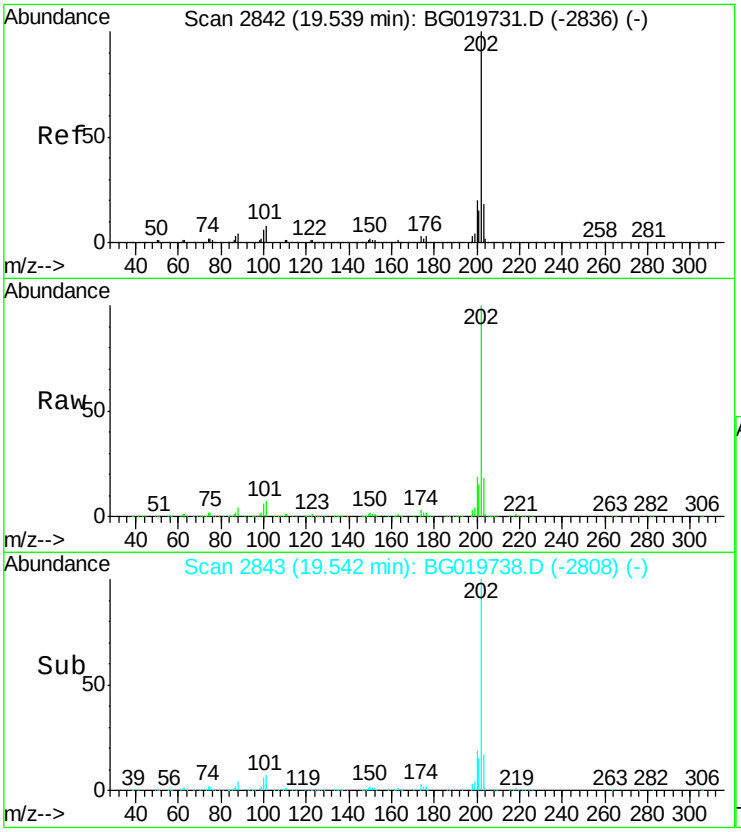


#75
Carbazole
Concen: 1.35 ng/ul
RT: 17.89 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Tgt Ion:167 Resp: 13264

Ion	Ratio	Lower	Upper
167	100		
166	28.7	18.1	27.1#
139	16.7	9.8	14.6#



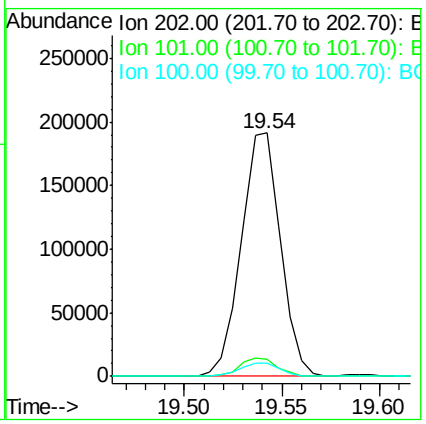


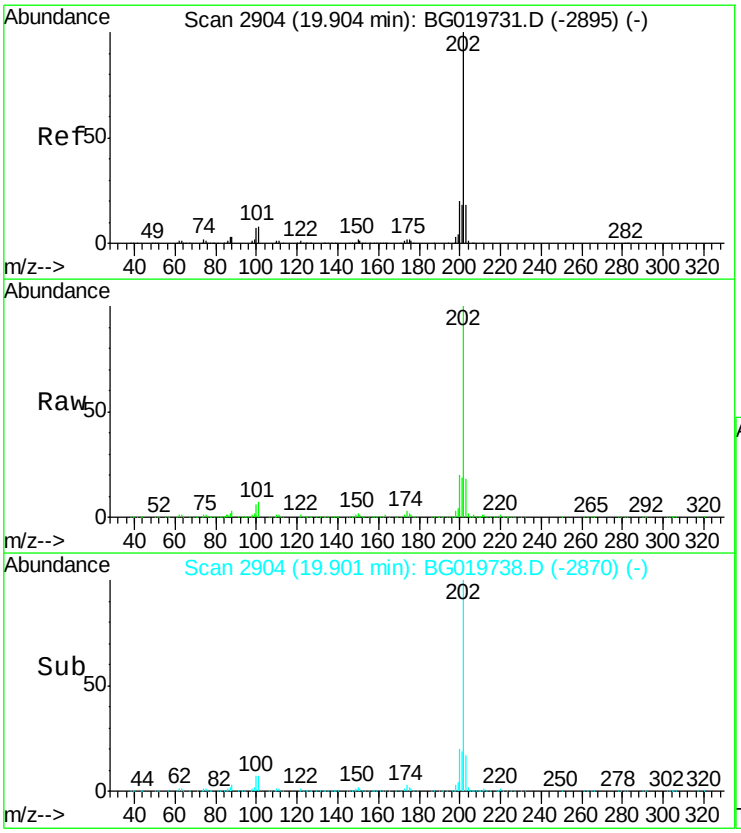
#77
Fluoranthene
Concen: 17.23 ng/ul
RT: 19.54 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 266205

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.2	7.8
100	5.6	5.0	7.4

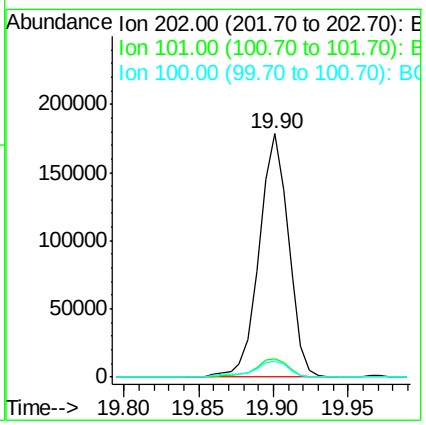


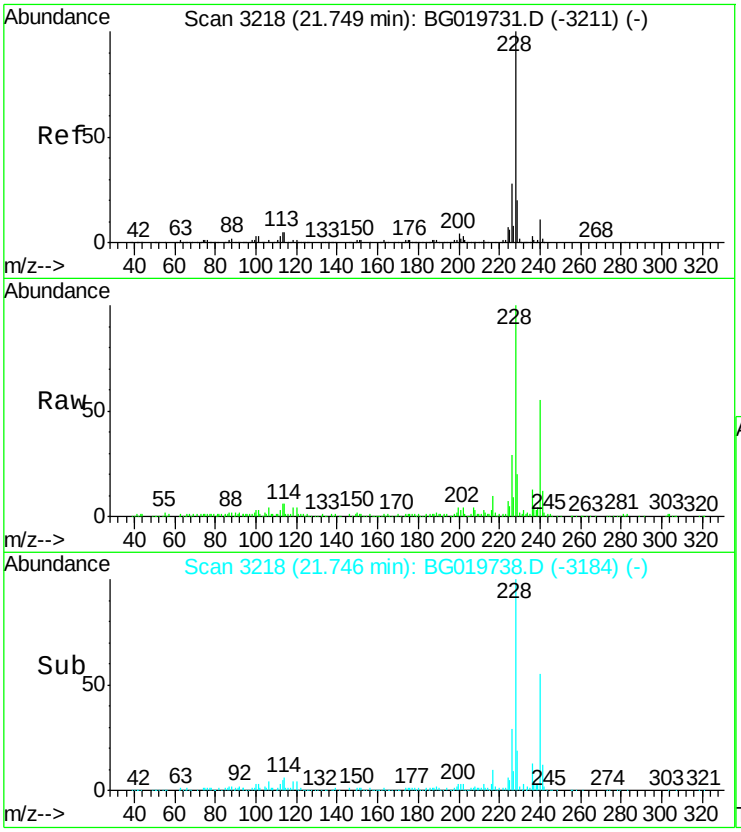


#80
Pyrene
Concen: 13.19 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. -0.00 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Tgt Ion:202 Resp: 241313

Ion	Ratio	Lower	Upper
202	100		
101	7.3	7.0	10.6
100	6.5	6.6	10.0#



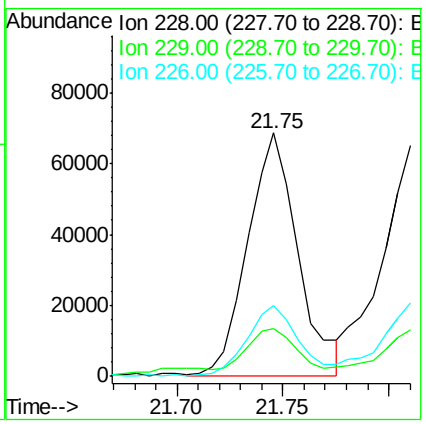


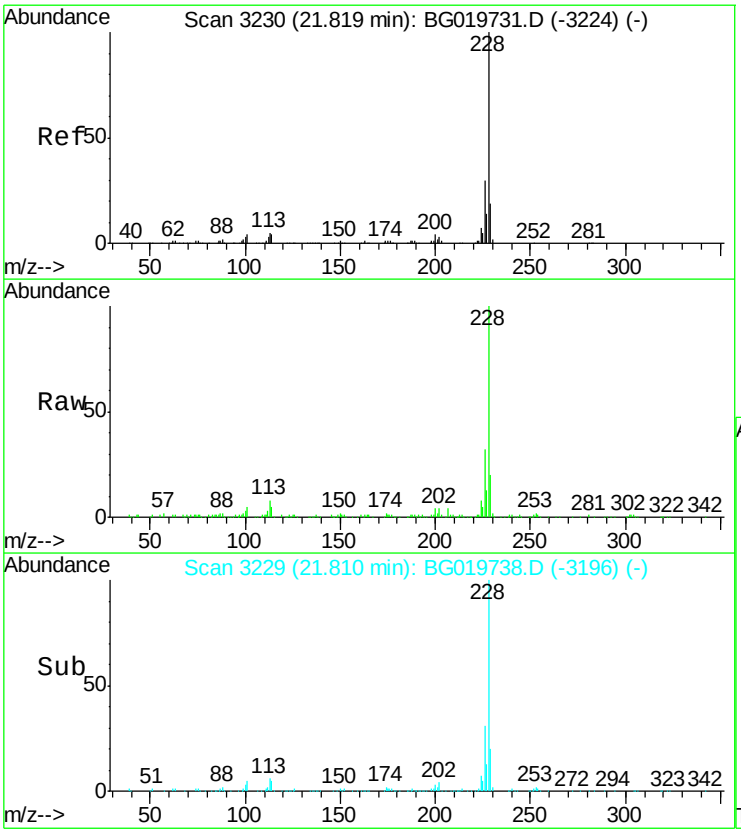
#83
Benzo(a)anthracene
Concen: 5.98 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 113563

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	29.0	22.6	33.8

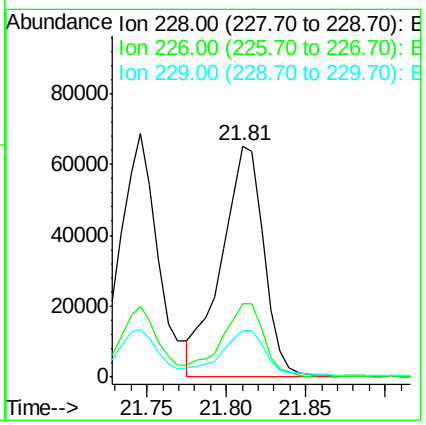


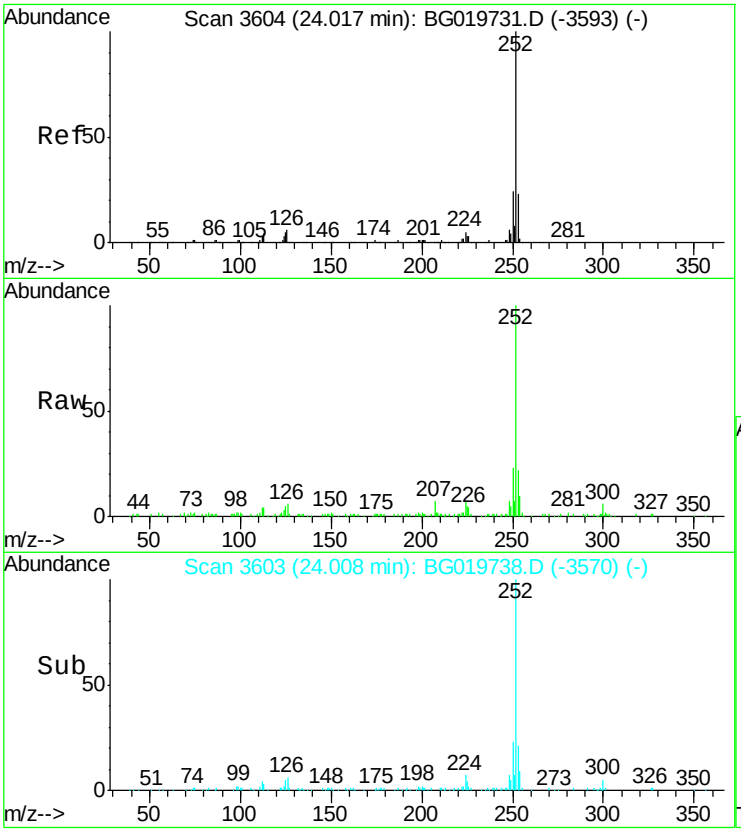


#85
Chrysene
Concen: 6.71 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Tgt Ion:228 Resp: 119858

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.3	17.0	25.6



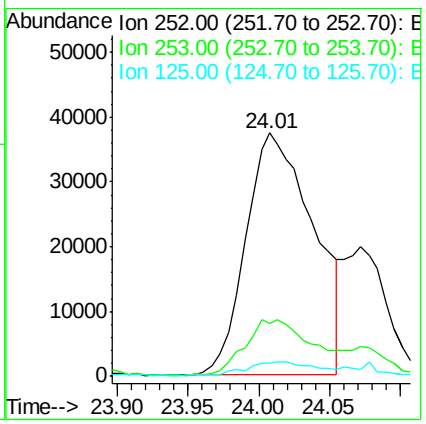


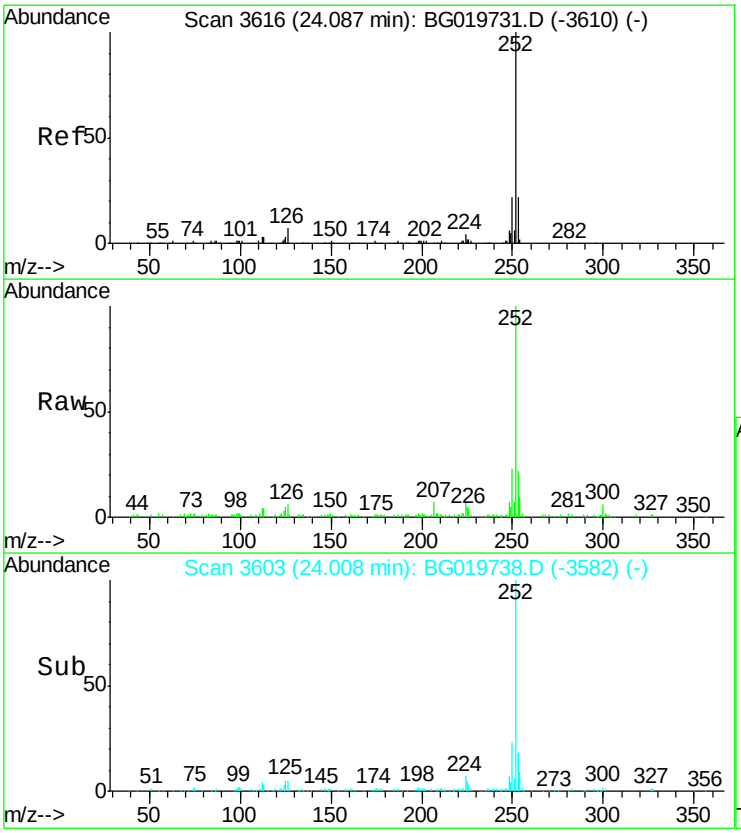
#88
Benzo(b)fluoranthene
Concen: 6.78 ng/ul
RT: 24.01 min Scan# 3603
Delta R.T. -0.01 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 124512

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	5.5	4.2	6.4

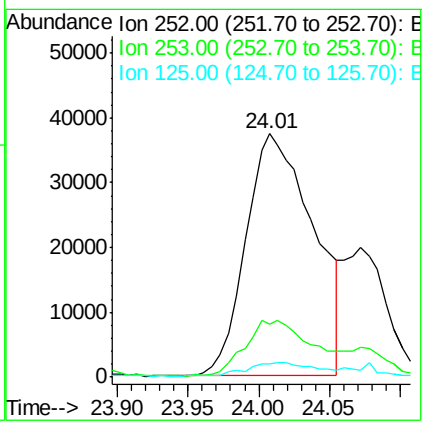


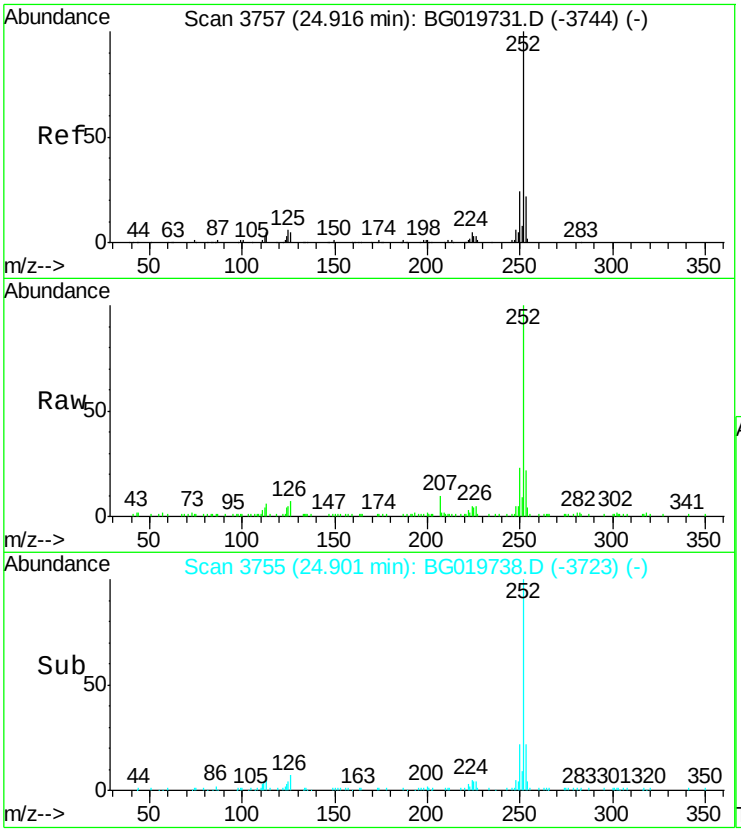


#89
Benzo(k)fluoranthene
Concen: 7.03 ng/ul
RT: 24.01 min Scan# 3603
Delta R.T. -0.08 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Tgt Ion:252 Resp: 124512

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	5.5	4.4	6.6



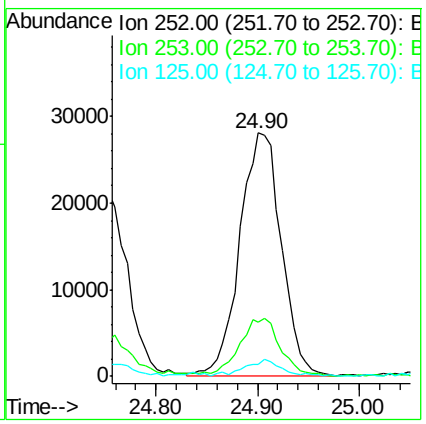


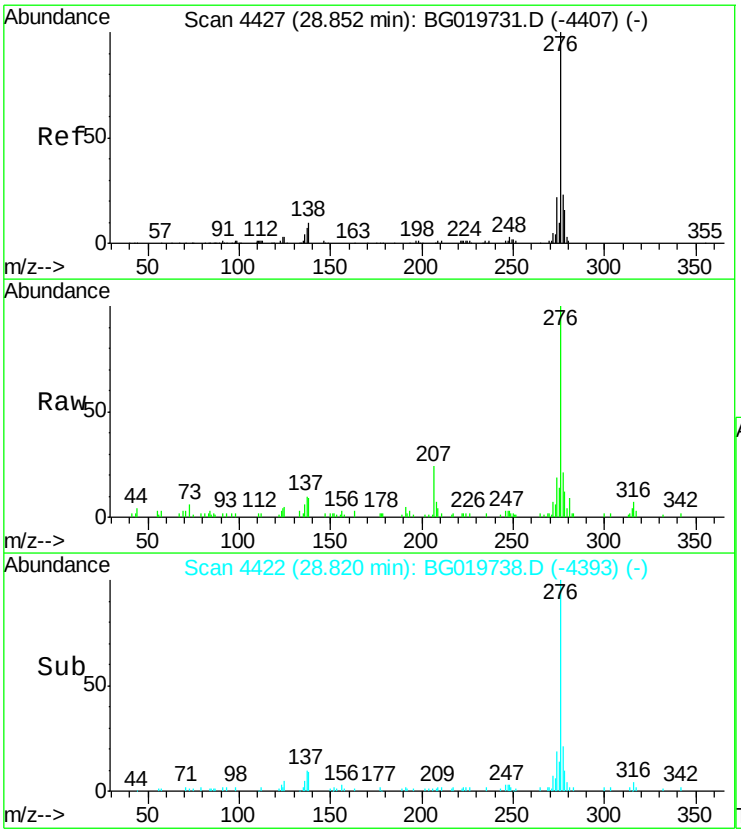
#91
Benzo(a)pyrene
Concen: 4.51 ng/ul
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 79799

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.9	25.3
125	5.0	5.4	8.0#

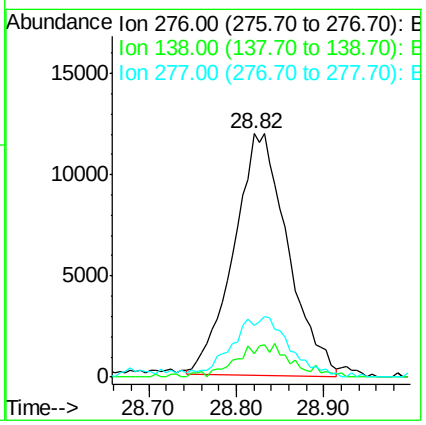


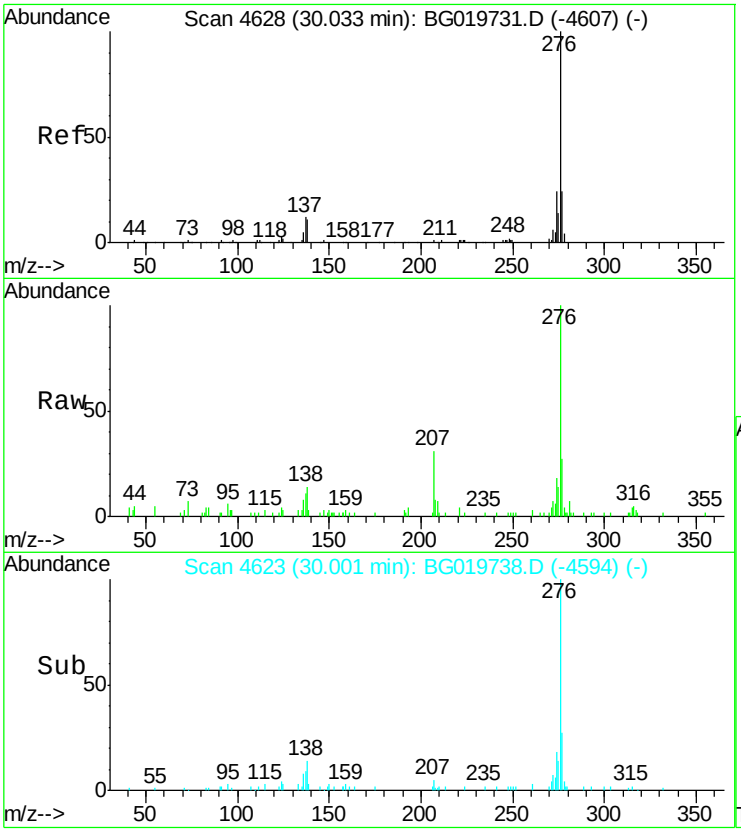


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng/ul
RT: 28.82 min Scan# 4422
Delta R.T. -0.03 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Tgt Ion:276 Resp: 50656

Ion	Ratio	Lower	Upper
276	100		
138	9.4	9.9	14.9#
277	21.0	21.3	31.9#





#94
Benzo(g,h,i)perylene
Concen: 2.69 ng/ul
RT: 30.00 min Scan# 4623
Delta R.T. -0.03 min
Lab File: BG019738.D
Acq: 21 Nov 2015 3:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 44100

Ion	Ratio	Lower	Upper
276	100		
138	17.1	9.2	13.8#
277	26.7	18.6	28.0