Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019797.D
Acq On : 23 Nov 2015 1:13
Operator : UM/NP
Sample : G4345-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4J57

Quant Time: Nov 23 04:20:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	93875	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	78151	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	208151	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	266749	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	259360	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1386	2.88	ng/uL	0.00
5) Phenol-d5	7.26	99	40389	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	25539	18.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	26198	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	34828	19.99	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	14306	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	17489	20.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	37994	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	19968	11.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	143301	20.27	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	145425	18.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	18287	16.42	ng/ul	0.00
58) Fluorene-d10	15.74	176	119808	18.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	25676	19.10	ng/ul	0.00
71) Anthracene-d10	17.59	188	184203	18.23	ng/ul	0.00
79) Pyrene-d10	19.87	212	196783	16.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	186161	13.75	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.29	94	2703	1.19	ng/ul#	90
45) Dimethylphthalate	14.19	163	87010	12.42	ng/ul	100
70) Phenanthrene	17.53	178	75468	6.77	ng/ul	97
72) Anthracene	17.53	178	75468	6.72	ng/ul	99
77) Fluoranthene	19.54	202	159774	11.25	ng/ul	98
80) Pyrene	19.90	202	137617	8.83	ng/ul#	97
83) Benzo(a)anthracene	21.75	228	73951	4.57	ng/ul	98
85) Chrysene	21.81	228	77397	5.08	ng/ul	98
88) Benzo(b)fluoranthene	24.02	252	93893	5.87	ng/ul	97
89) Benzo(k)fluoranthene	24.02	252	93893	6.09	ng/ul	97
91) Benzo(a)pyrene	24.90	252	64273	4.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.84	276	41959	2.44	ng/ul	95
94) Benzo(g,h,i)perylene	30.01	276	14850	1.04	ng/ul	99

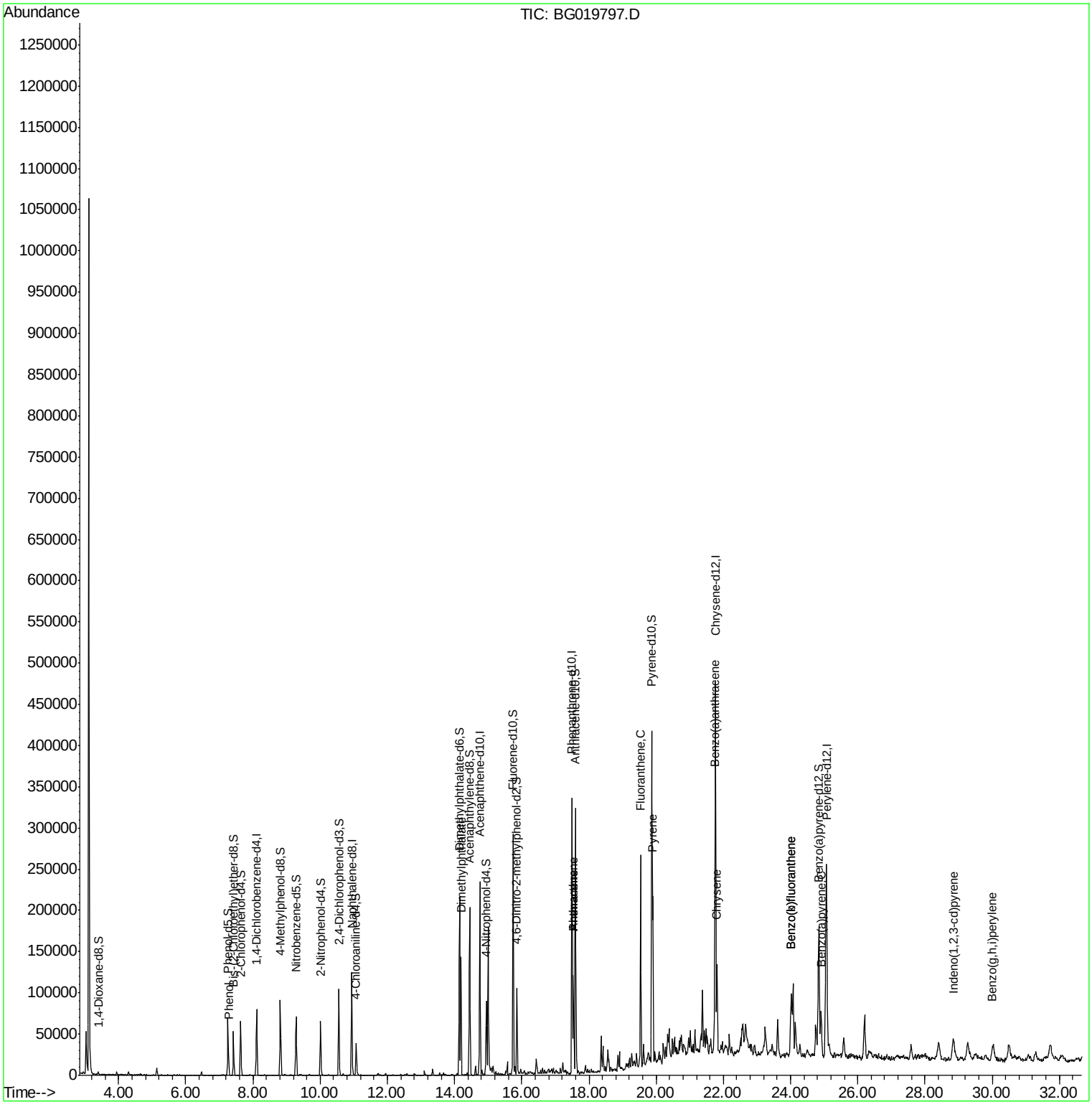
(#) = qualifier out of range (m) = manual integration (+) = signals summed

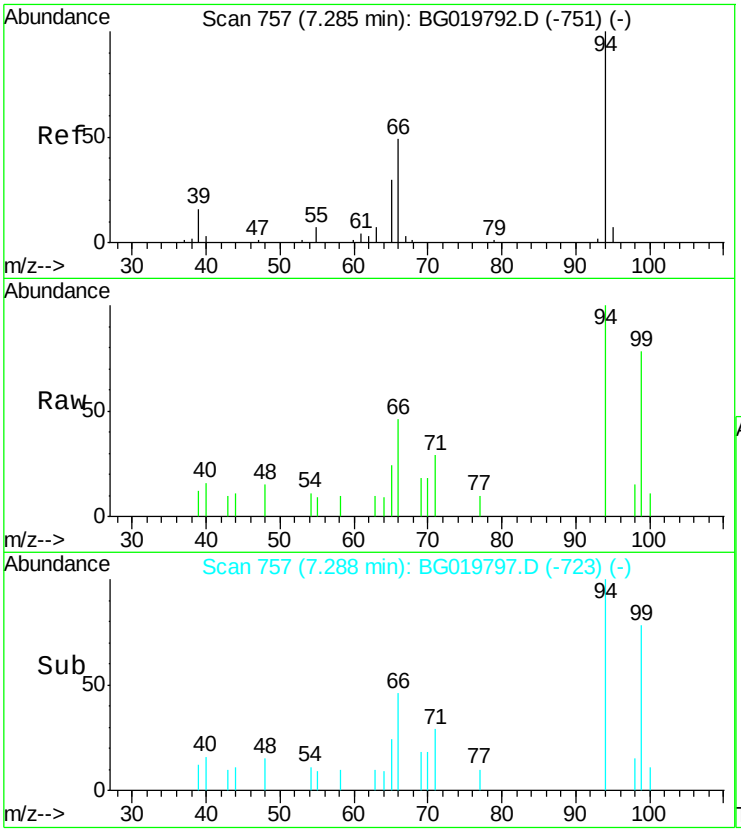
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019797.D
Acq On : 23 Nov 2015 1:13
Operator : UM/NP
Sample : G4345-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4J57

Quant Time: Nov 23 04:20:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration



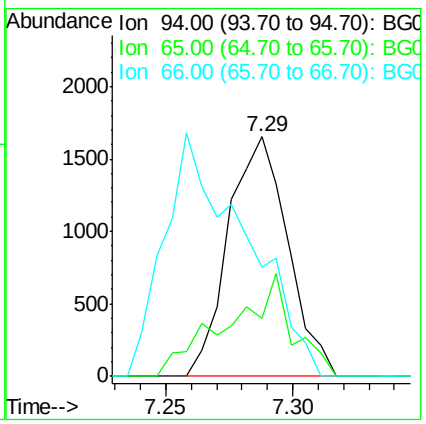


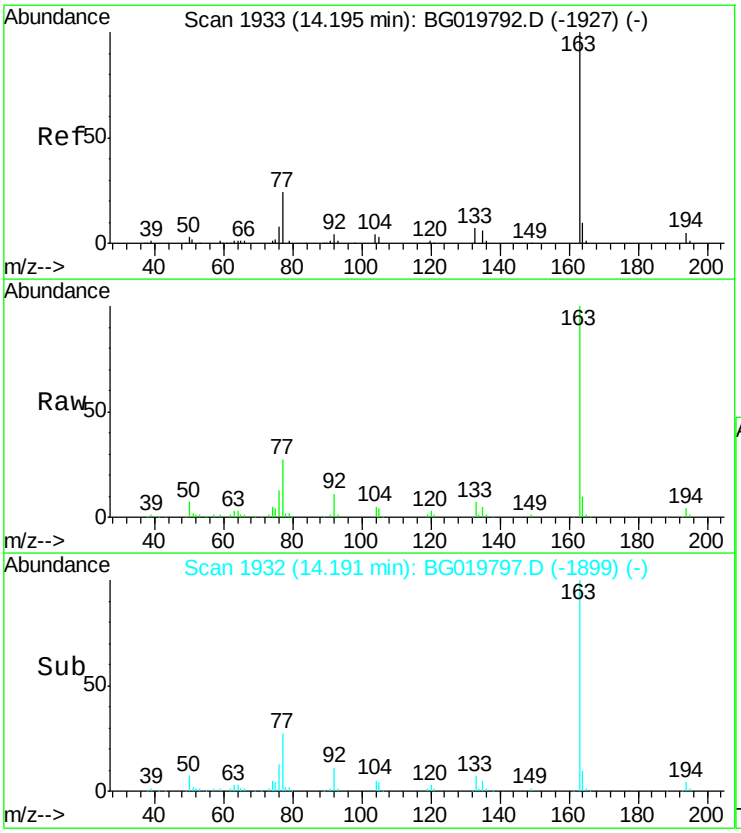
#6
Phenol
Concen: 1.19 ng/ul
RT: 7.29 min Scan# 757
Delta R.T. 0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion: 94 Resp: 2703

Ion	Ratio	Lower	Upper
94	100		
65	24.5	27.4	41.0#
66	45.7	39.0	58.6

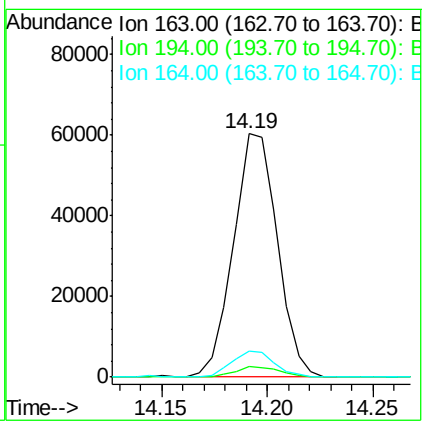


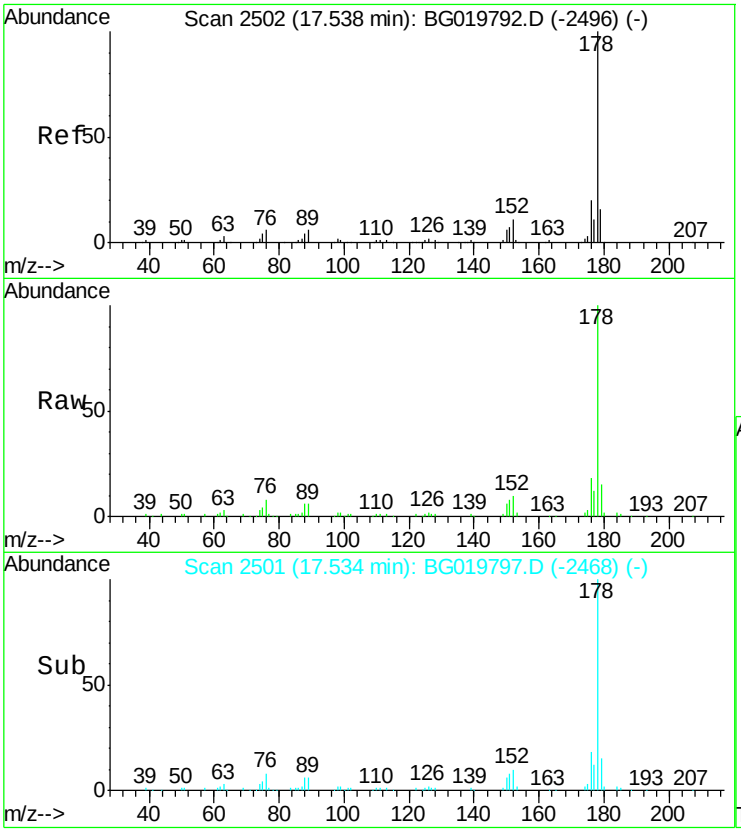


#45
Dimethylphthalate
Concen: 12.42 ng/ul
RT: 14.19 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Tgt Ion:163 Resp: 87010

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.5	8.3	12.5



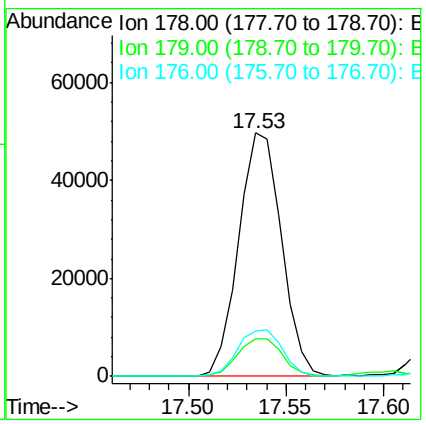


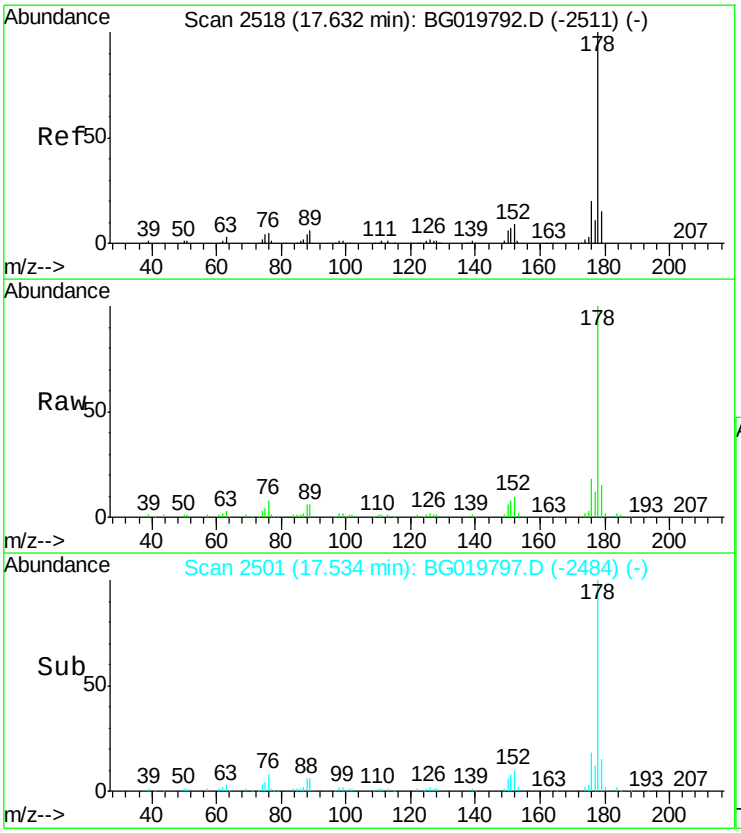
#70
Phenanthrene
Concen: 6.77 ng/ul
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion:178 Resp: 75468

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.3	16.6	24.8

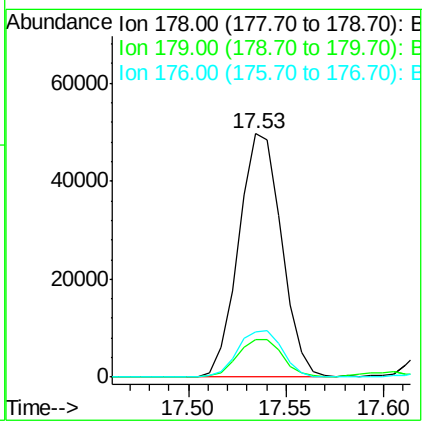


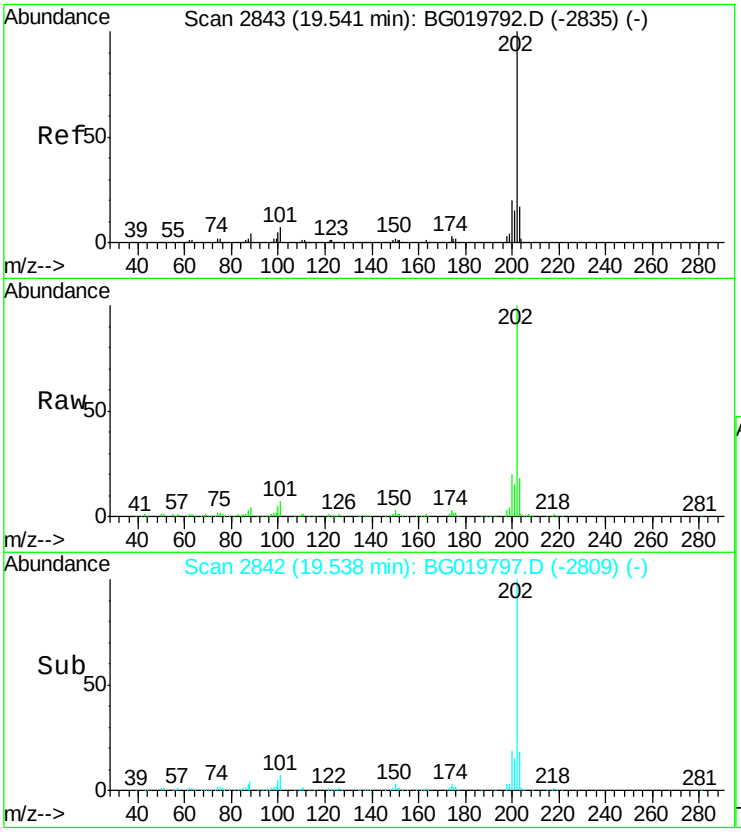


#72
Anthracene
Concen: 6.72 ng/ul
RT: 17.53 min Scan# 2501
Delta R.T. -0.10 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Tgt Ion:178 Resp: 75468

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.3	15.0	22.4



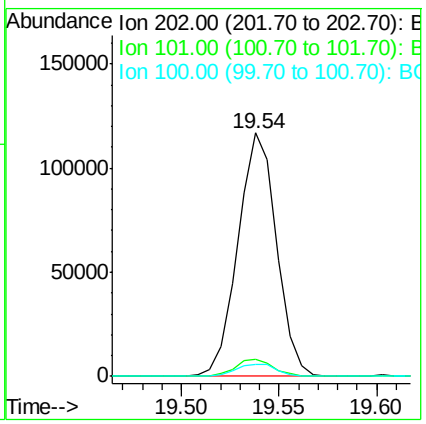


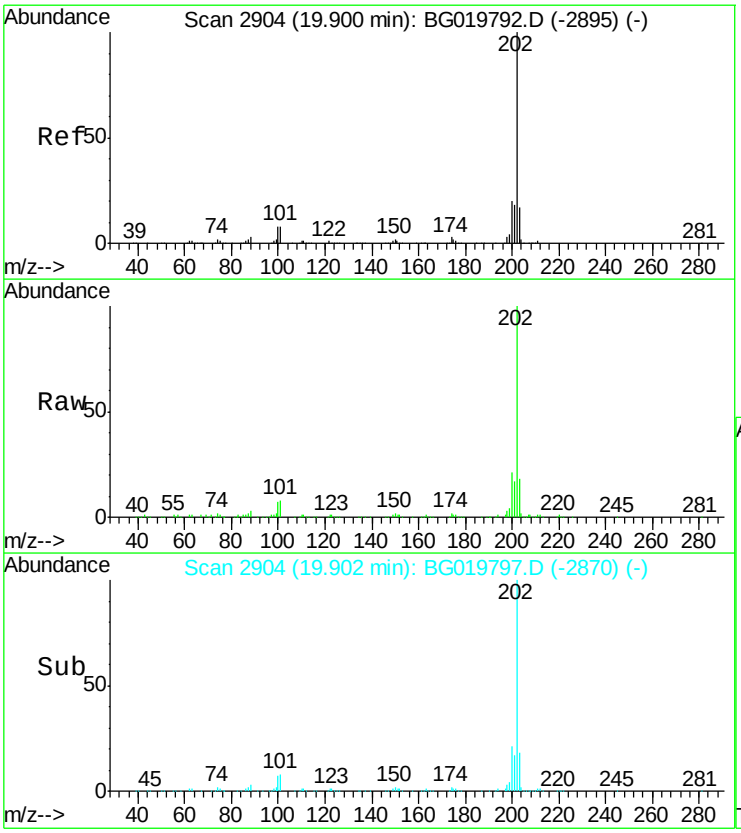
#77
Fluoranthene
Concen: 11.25 ng/ul
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion:202 Resp: 159774

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.2	7.8
100	5.1	5.0	7.4

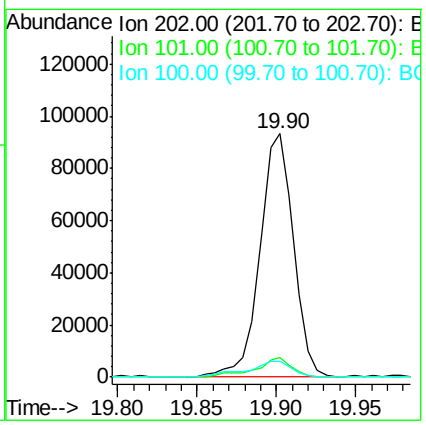


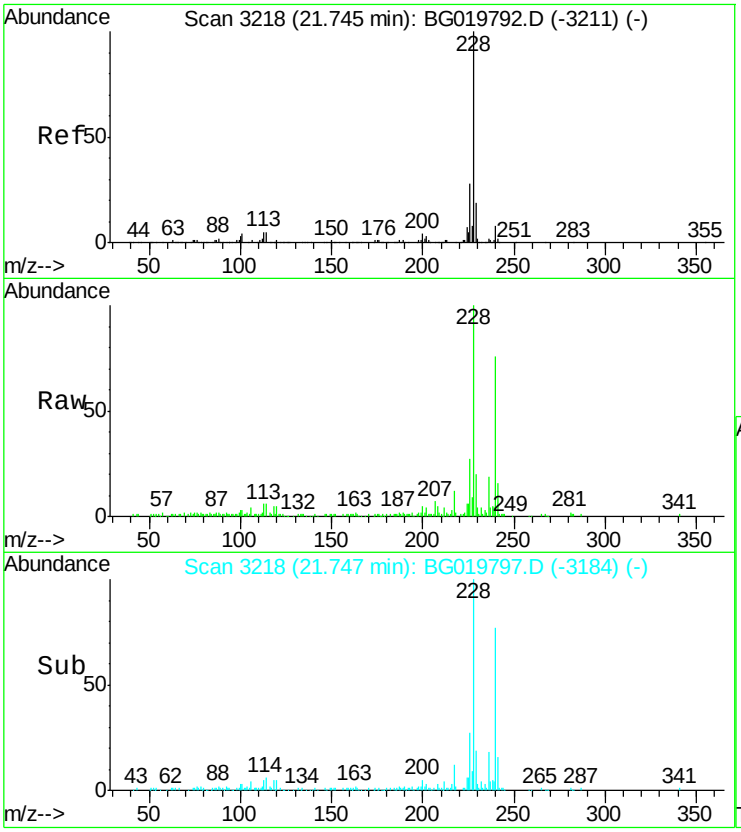


#80
Pyrene
Concen: 8.83 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Tgt Ion:202 Resp: 137617

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.6
100	6.6	6.6	10.0#



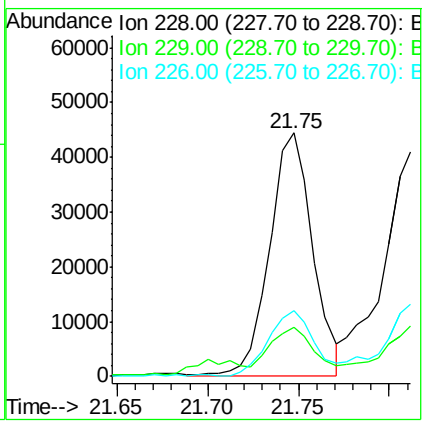


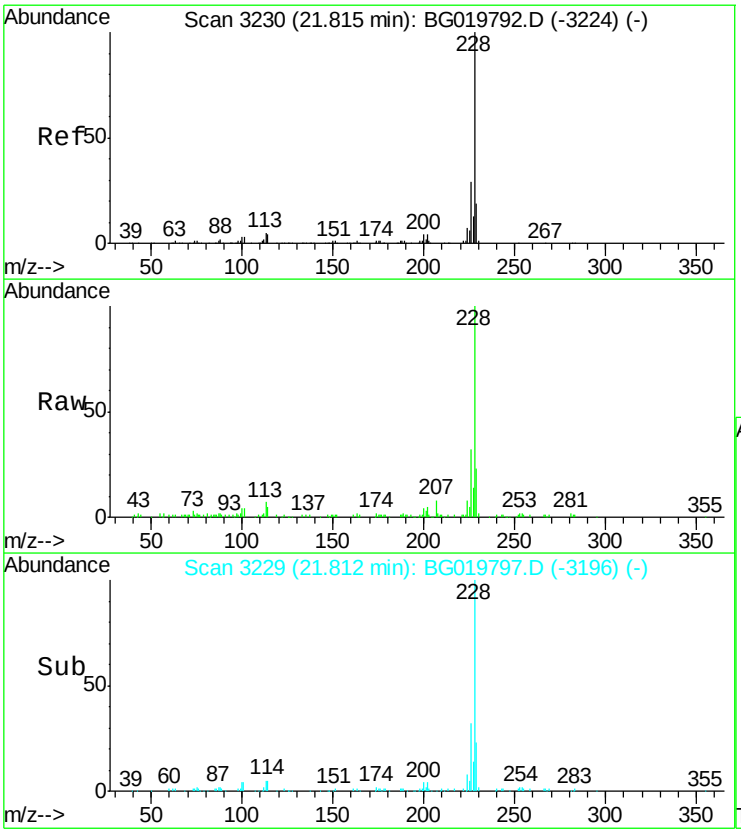
#83
Benzo(a)anthracene
Concen: 4.57 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion:228 Resp: 73951

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.2	22.6	33.8

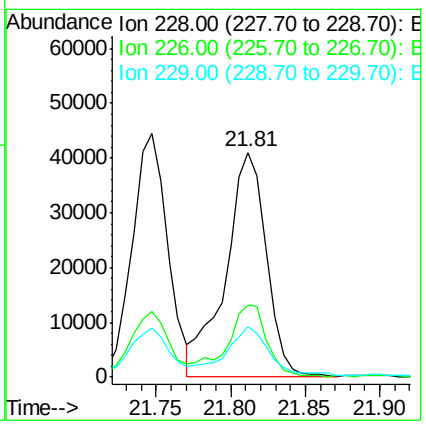


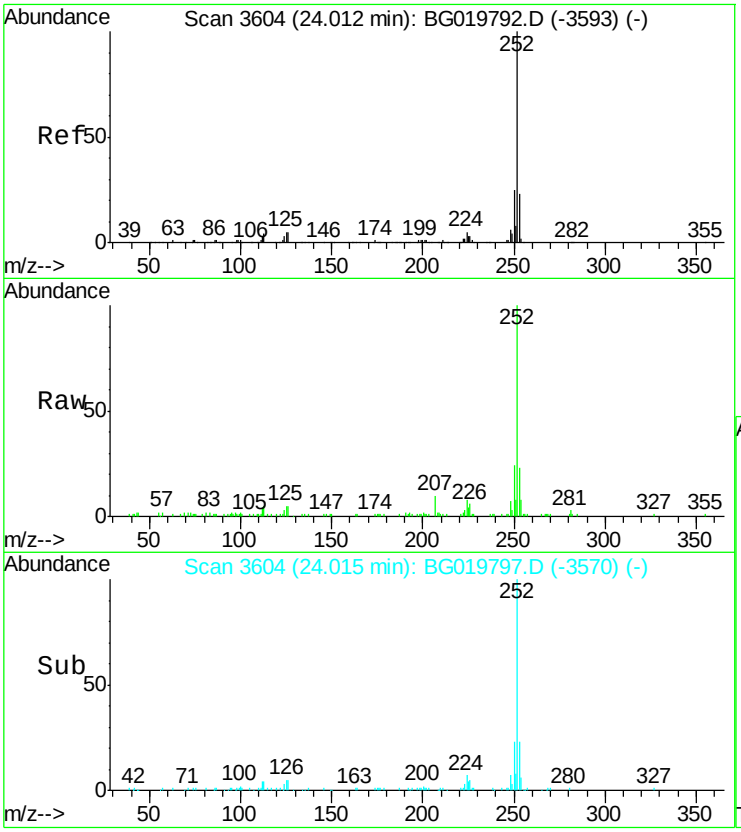


#85
Chrysene
Concen: 5.08 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Tgt Ion:228 Resp: 77397

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.6	17.0	25.6



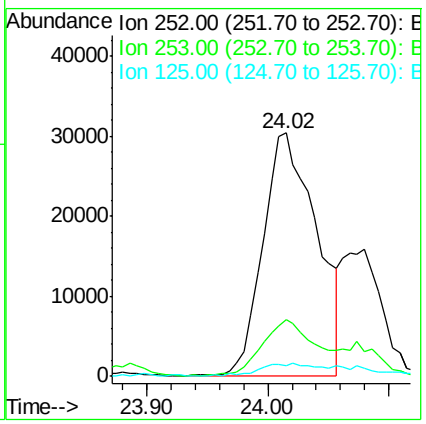


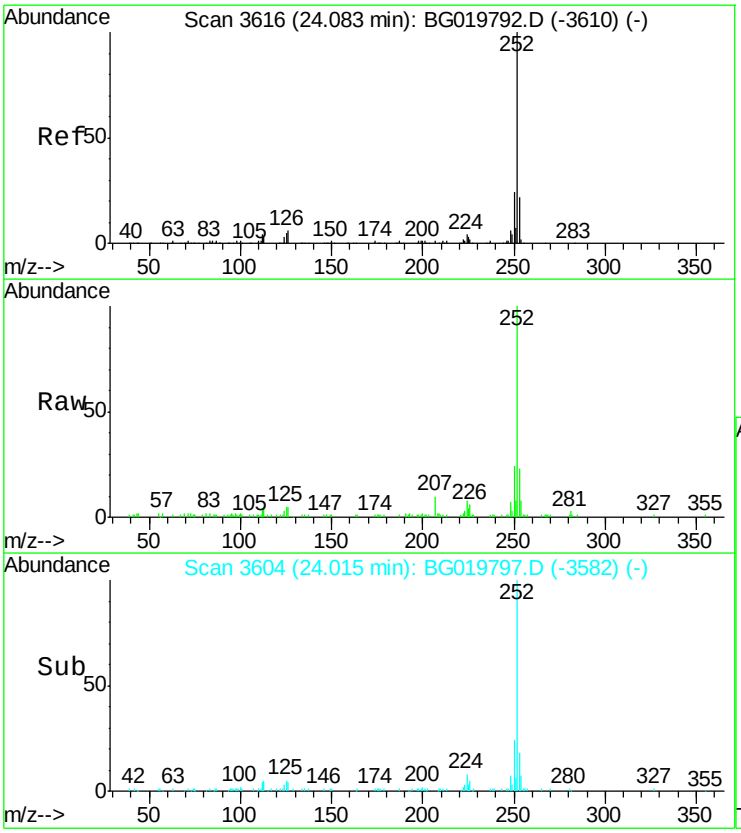
#88
Benzo(b)fluoranthene
Concen: 5.87 ng/ul
RT: 24.02 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion:252 Resp: 93893

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	4.6	4.2	6.4

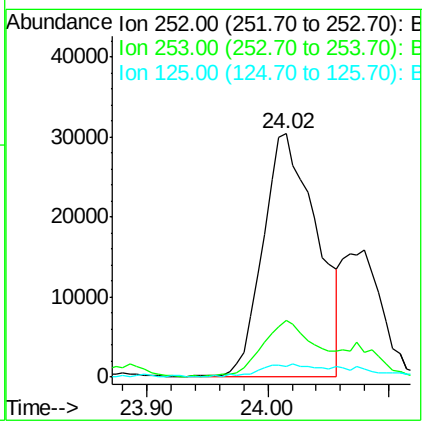


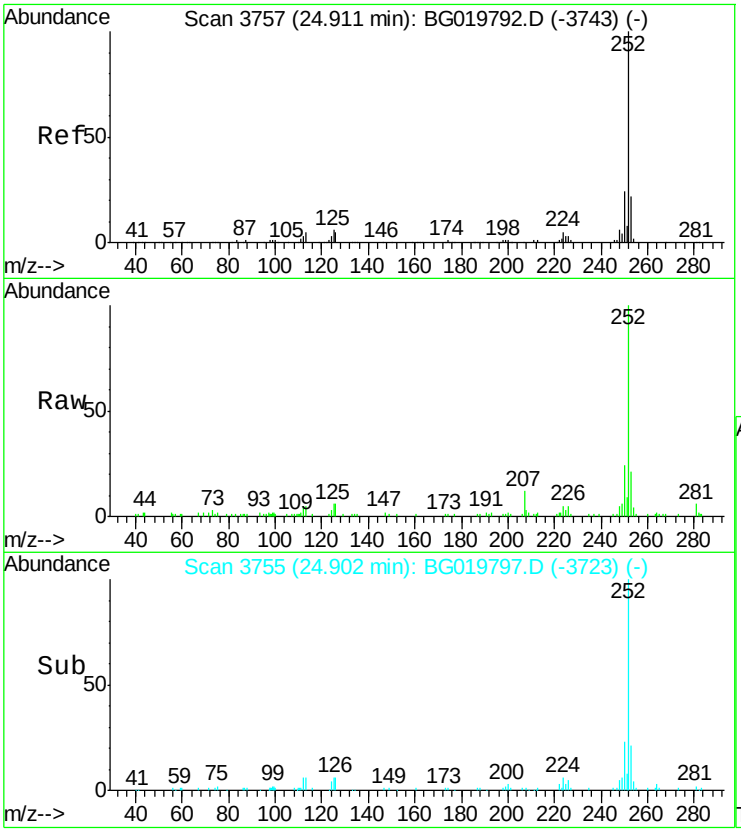


#89
Benzo(k)fluoranthene
Concen: 6.09 ng/ul
RT: 24.02 min Scan# 3604
Delta R.T. -0.07 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Tgt Ion:252 Resp: 93893

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	4.6	4.4	6.6



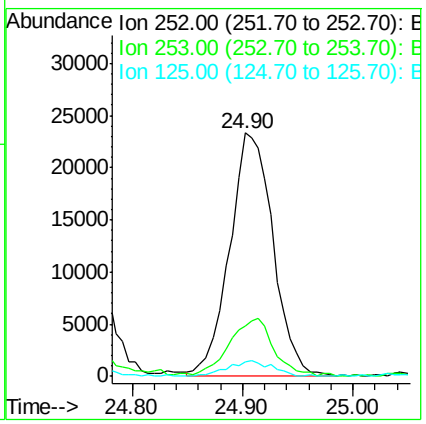


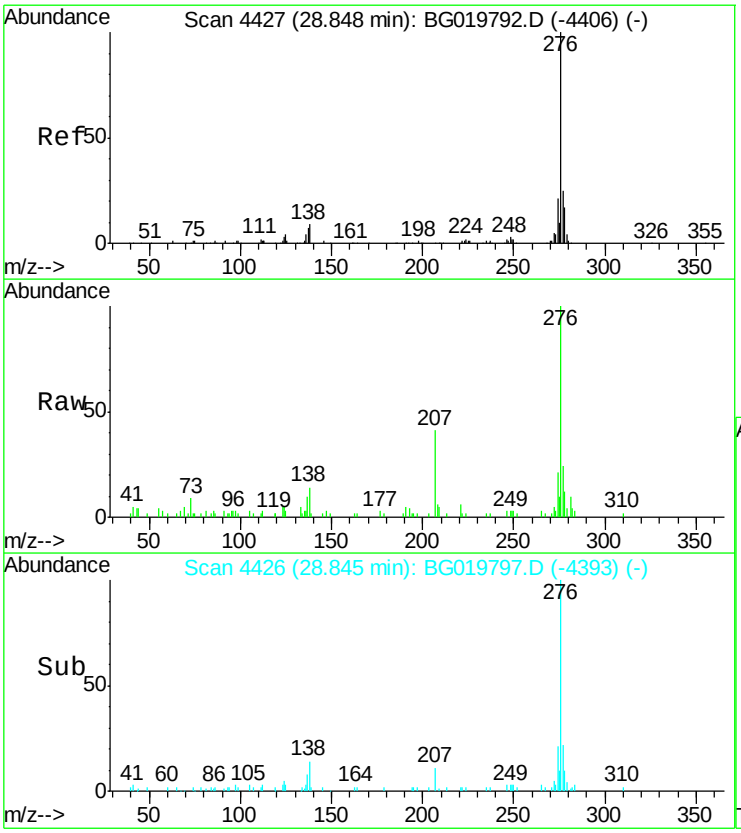
#91
Benzo(a)pyrene
Concen: 4.18 ng/ul
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion:252 Resp: 64273

Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.9	25.3
125	5.7	5.4	8.0

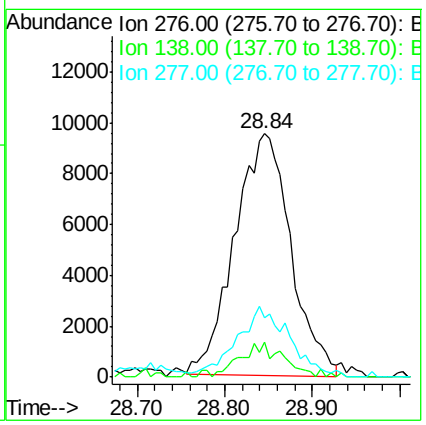


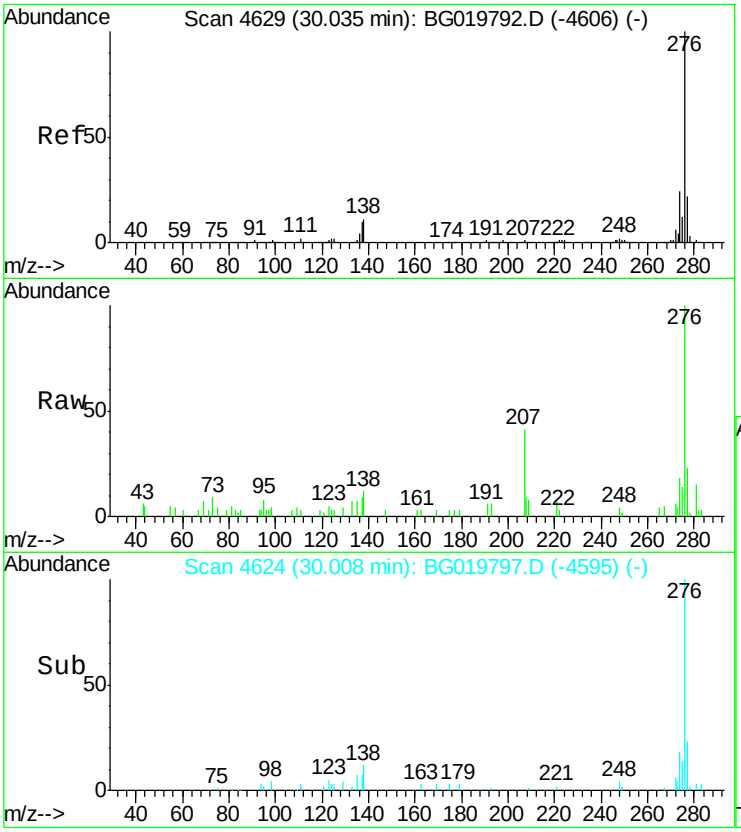


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.44 ng/ul
RT: 28.84 min Scan# 4426
Delta R.T. -0.00 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Tgt Ion:276 Resp: 41959

Ion	Ratio	Lower	Upper
276	100		
138	14.2	9.9	14.9
277	24.3	21.3	31.9





#94
Benzo(g,h,i)perylene
Concen: 1.04 ng/ul
RT: 30.01 min Scan# 4624
Delta R.T. -0.03 min
Lab File: BG019797.D
Acq: 23 Nov 2015 1:13

Instrument :
BNA_G
ClientSampleId :
A4J57

Tgt Ion:276 Resp: 14850

Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.2	13.8
277	22.9	18.6	28.0