Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019675.D
Acq On : 18 Nov 2015 00:50
Operator : UM/NP
Sample : G4427-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 18 03:04:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	90946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	85723	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	253642	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	328100	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	317008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1432	3.14	ng/uL	0.00
5) Phenol-d5	7.29	99	40129	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	24356	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	24265	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31793	19.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12243	16.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	13428	15.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	31633	17.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	19068	11.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	116671	15.05	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	120684	14.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	16205	13.27	ng/ul	0.00
58) Fluorene-d10	15.77	176	100392	14.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	12505	7.63	ng/ul	0.00
71) Anthracene-d10	17.62	188	169157	13.74	ng/ul	0.00
79) Pyrene-d10	19.89	212	194122	12.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	208492	12.60	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.32	94	3039	1.41	ng/ul	99
45) Dimethylphthalate	14.22	163	89176	11.60	ng/ul	99
70) Phenanthrene	17.56	178	47880	3.53	ng/ul#	93
72) Anthracene	17.56	178	47880	3.50	ng/ul	94
77) Fluoranthene	19.56	202	106958	6.18	ng/ul	99
80) Pyrene	19.92	202	90684	4.73	ng/ul	96
83) Benzo(a)anthracene	21.77	228	51963	2.61	ng/ul	98
85) Chrysene	21.84	228	44406	2.37	ng/ul	95
88) Benzo(b)fluoranthene	24.04	252	51983	2.66	ng/ul	100
89) Benzo(k)fluoranthene	24.04	252	51983	2.76	ng/ul	99
91) Benzo(a)pyrene	24.95	252	39757	2.11	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019675.D
Acq On : 18 Nov 2015 00:50
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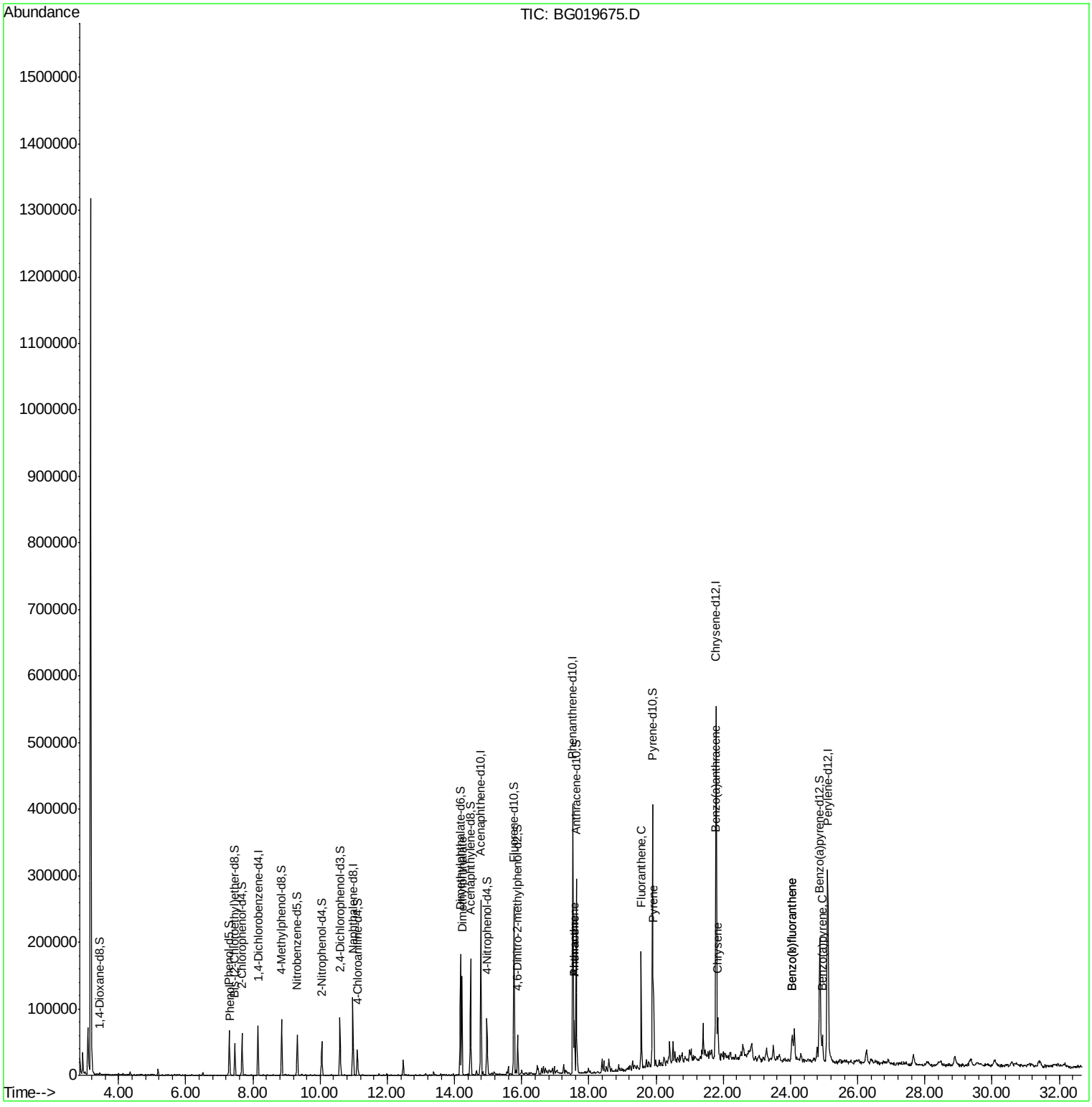
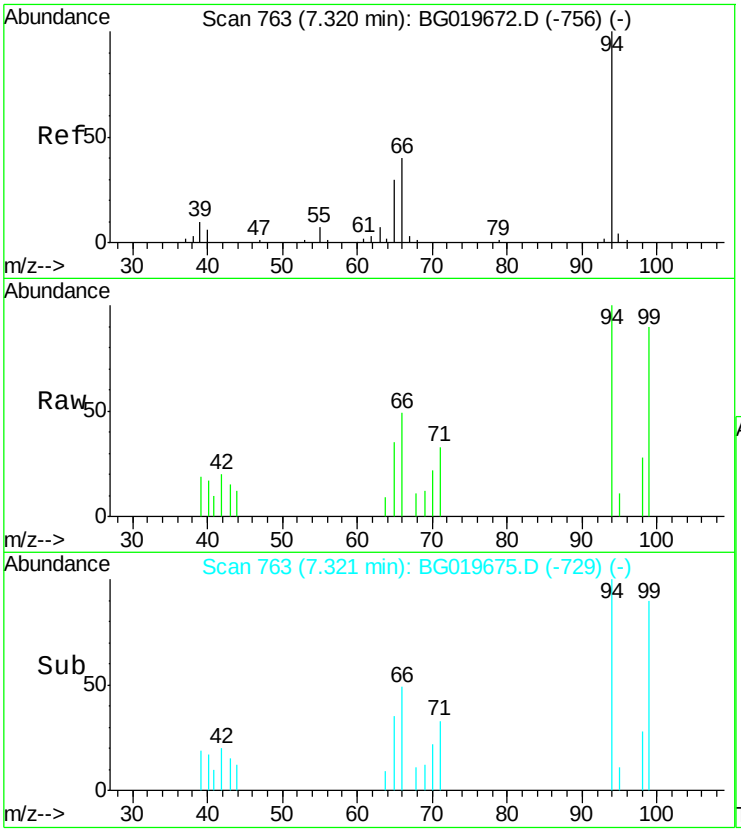
Sample : G4427-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 18 03:04:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration



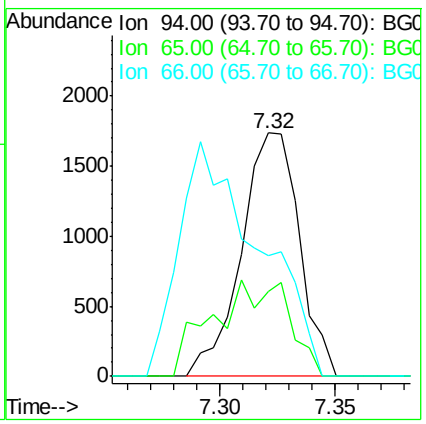


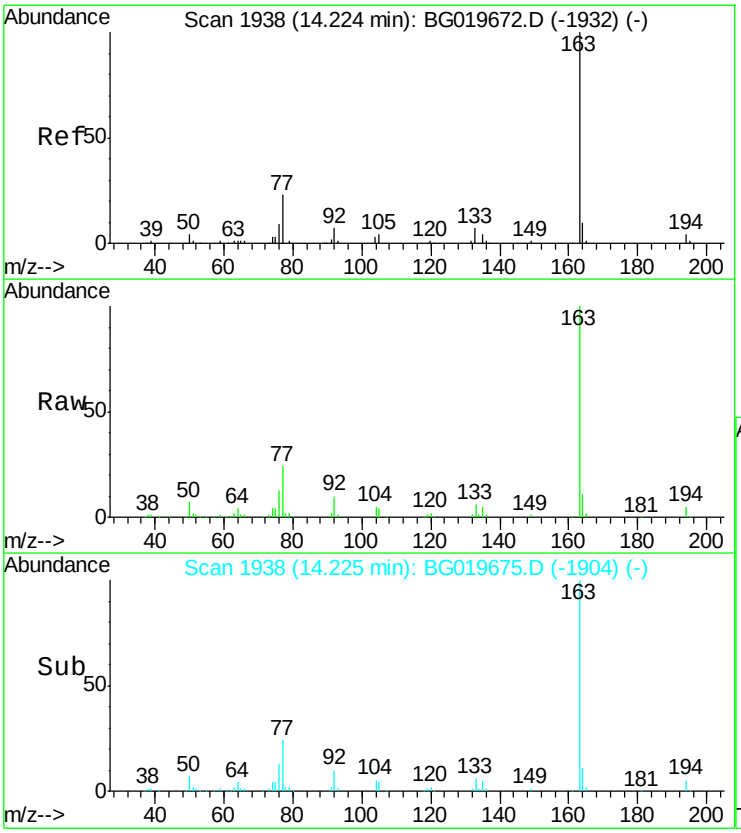
#6
Phenol
Concen: 1.41 ng/ul
RT: 7.32 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 3039

Ion	Ratio	Lower	Upper
94	100		
65	34.9	27.4	41.0
66	49.5	39.0	58.6

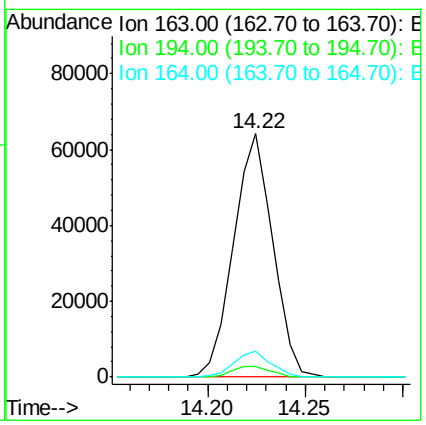


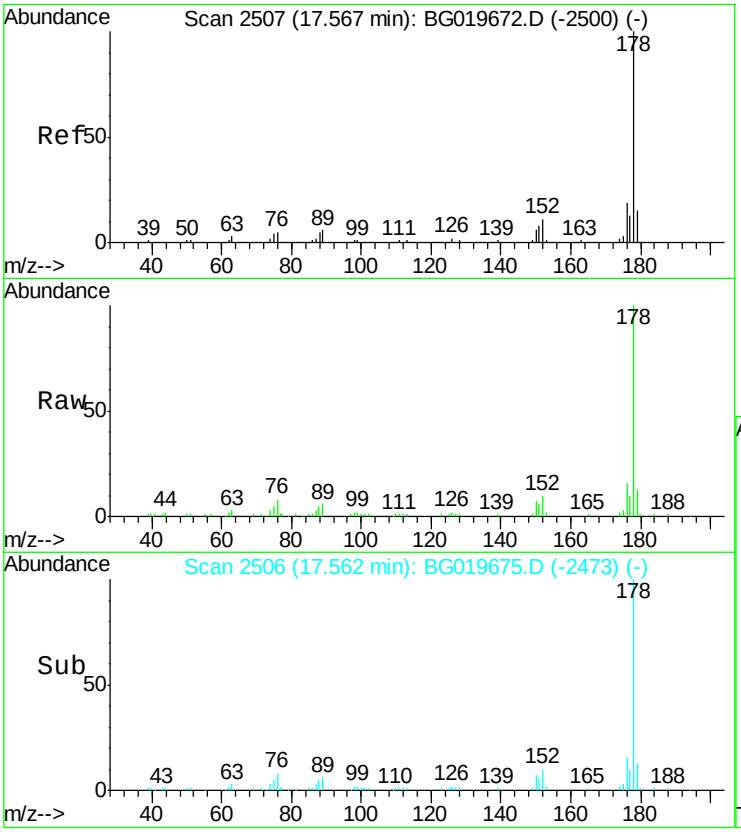


#45
Dimethylphthalate
Concen: 11.60 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion:163 Resp: 89176

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.6	8.3	12.5



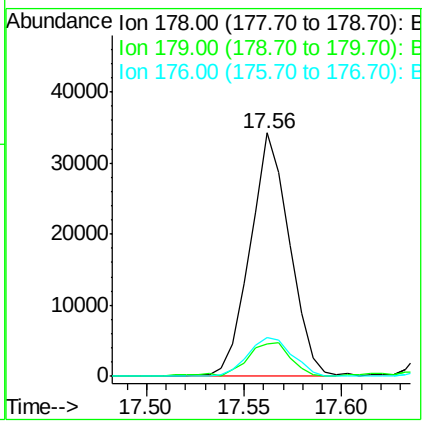


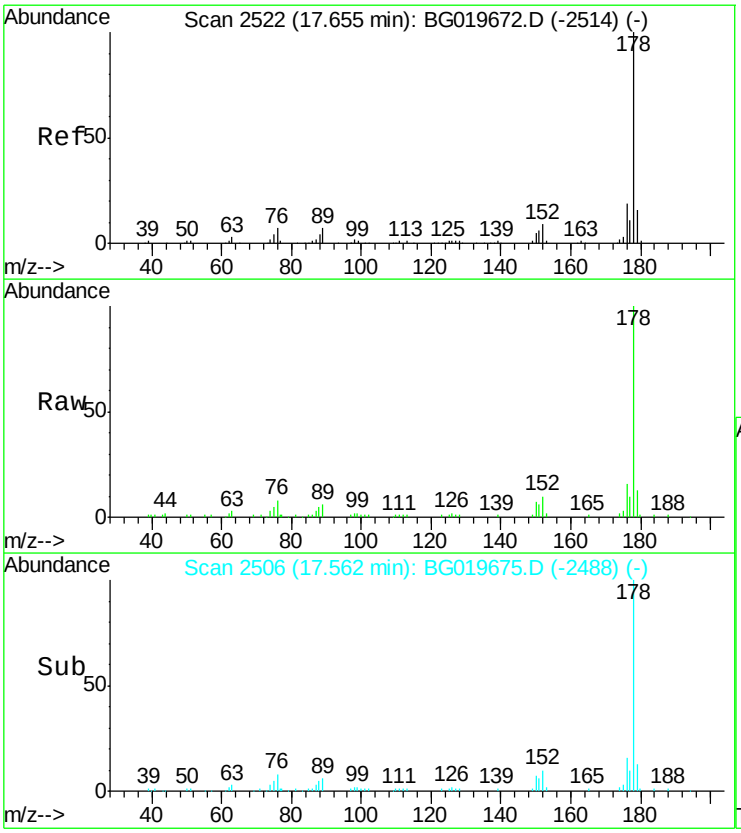
#70
Phenanthrene
Concen: 3.53 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 47880

Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.2	18.2
176	16.2	16.6	24.8#

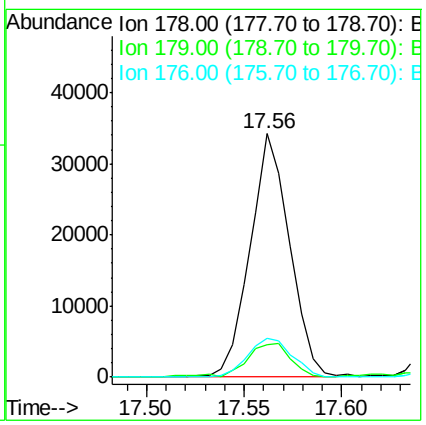


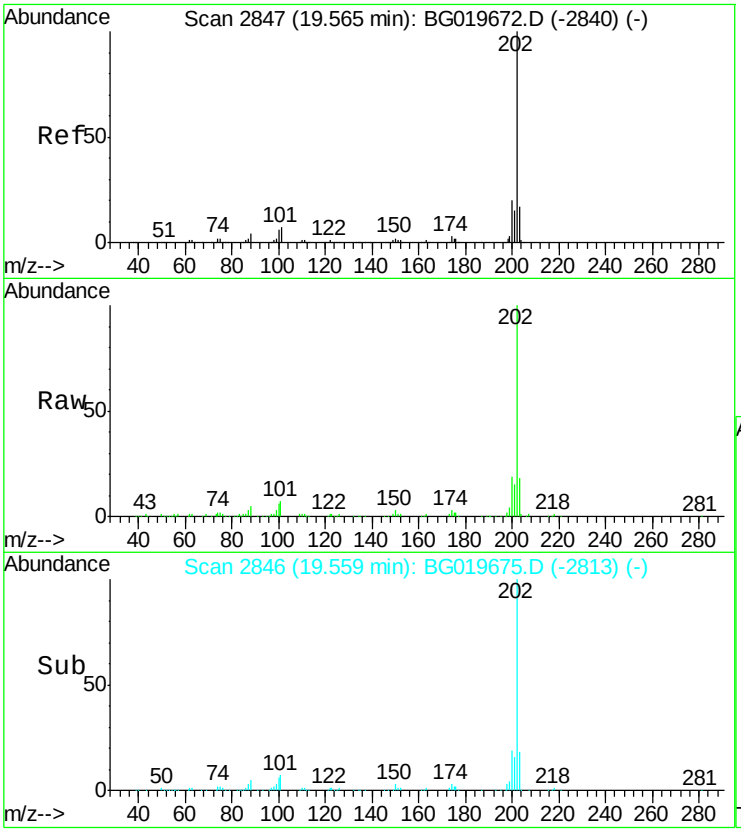


#72
Anthracene
Concen: 3.50 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.09 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion:178 Resp: 47880

Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.6	19.0
176	16.2	15.0	22.4



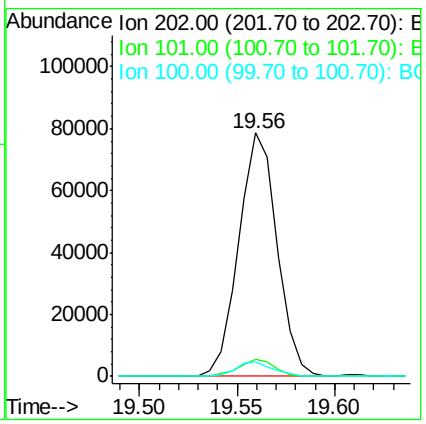


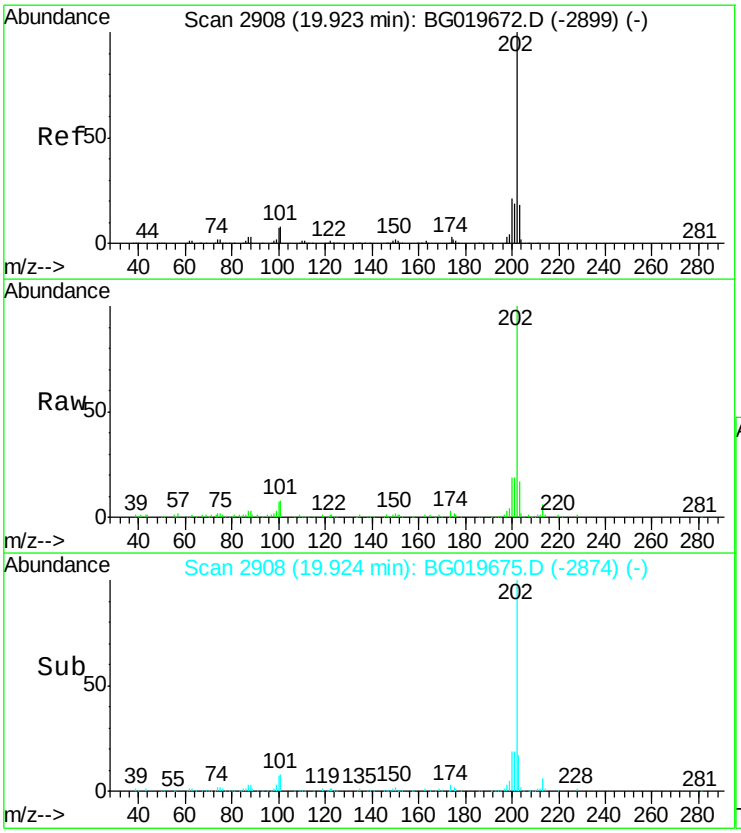
#77
Fluoranthene
Concen: 6.18 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 106958

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.2	7.8
100	6.0	5.0	7.4

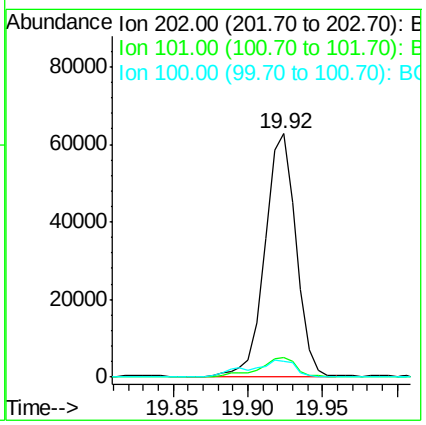


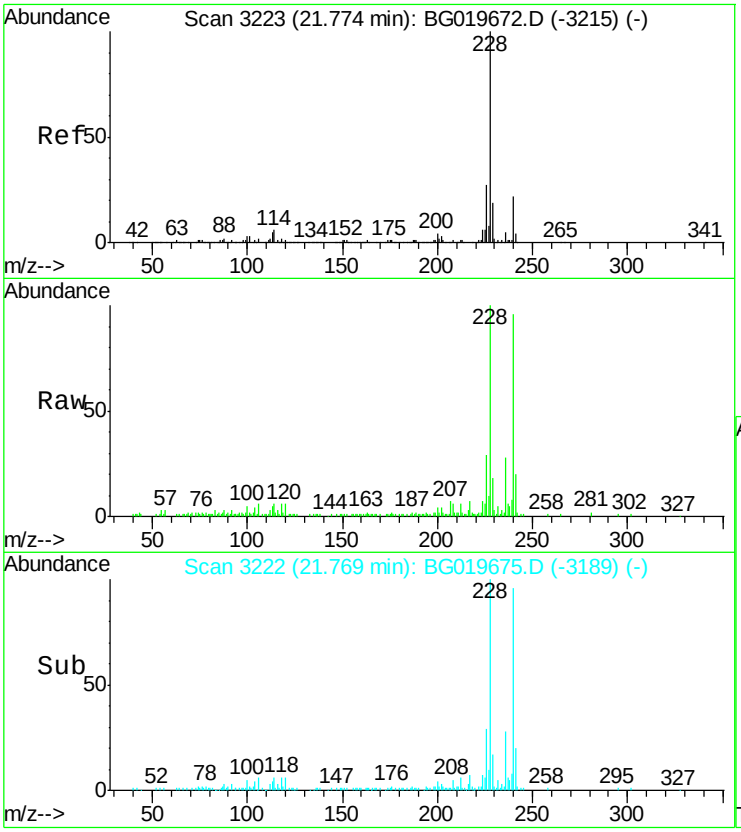


#80
Pyrene
Concen: 4.73 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion:202 Resp: 90684

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.6
100	6.7	6.6	10.0



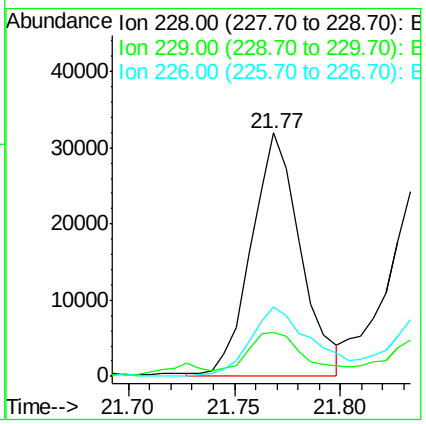


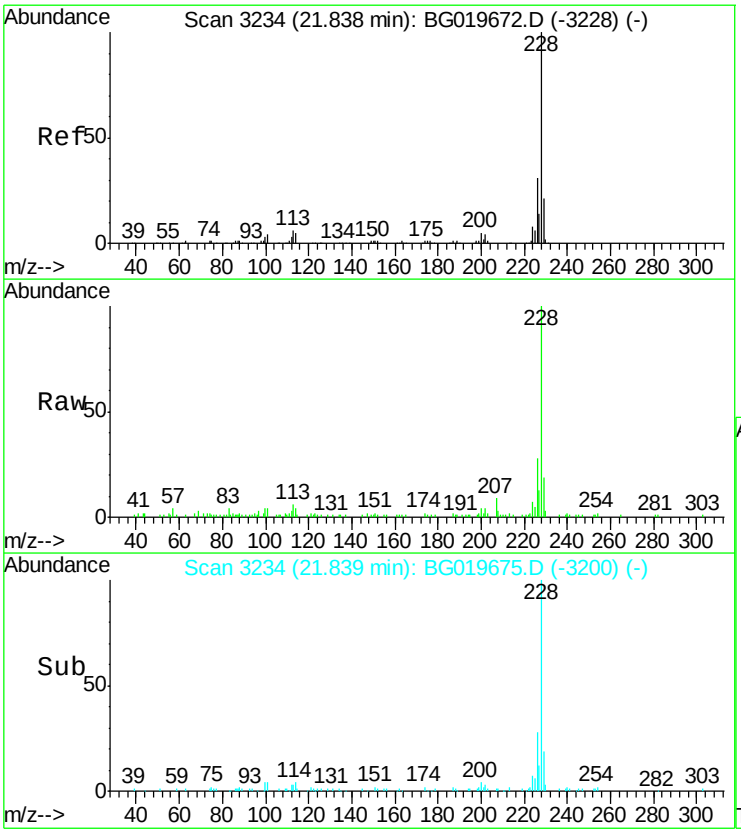
#83
Benzo(a)anthracene
Concen: 2.61 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 51963

Ion	Ratio	Lower	Upper
228	100		
229	17.8	15.7	23.5
226	28.8	22.6	33.8

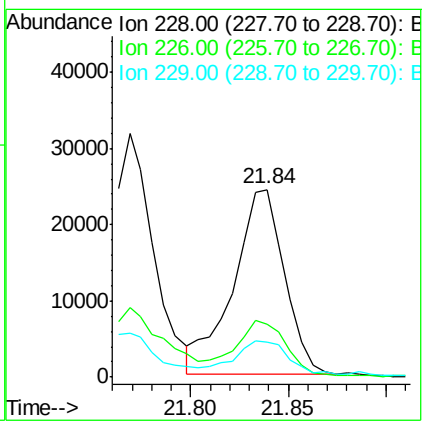


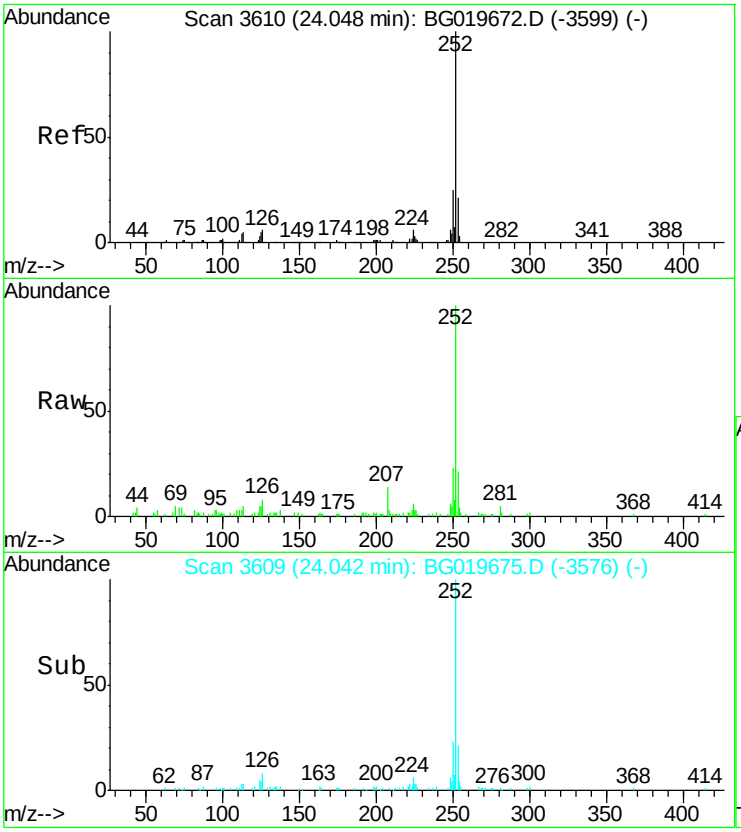


#85
Chrysene
Concen: 2.37 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion:228 Resp: 44406

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.9	37.3
229	18.8	17.0	25.6



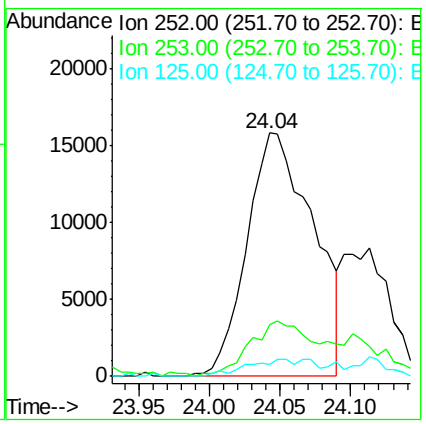


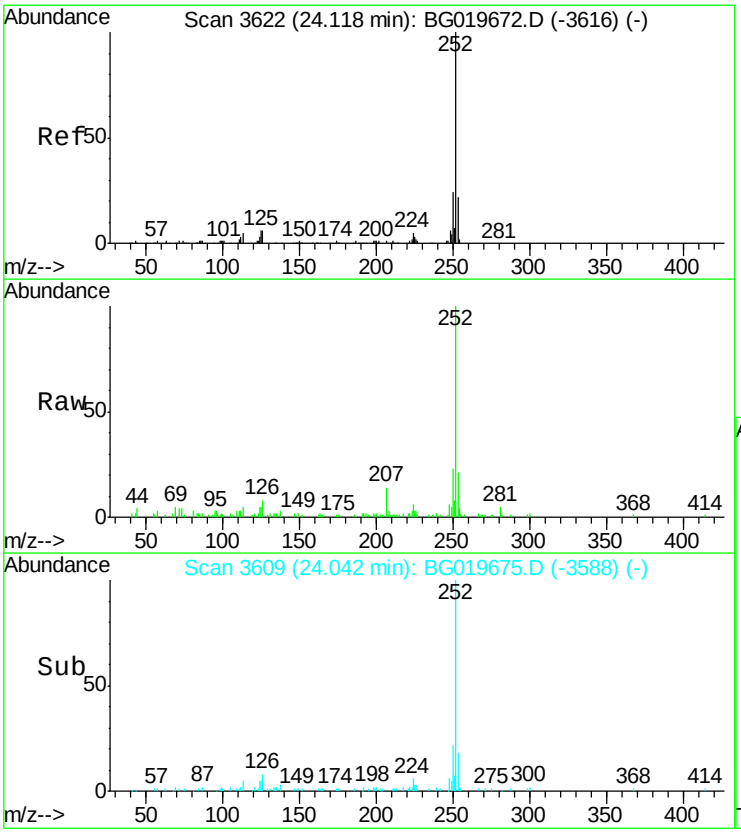
#88
Benzo(b)fluoranthene
Concen: 2.66 ng/ul
RT: 24.04 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 51983

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	5.1	4.2	6.4

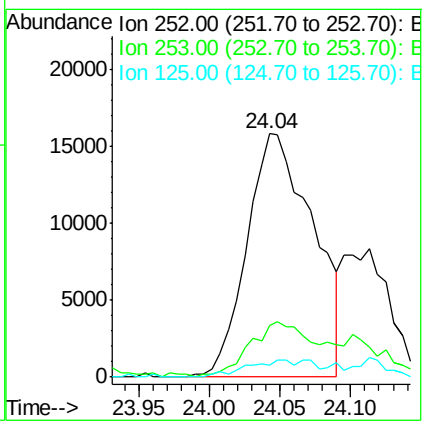


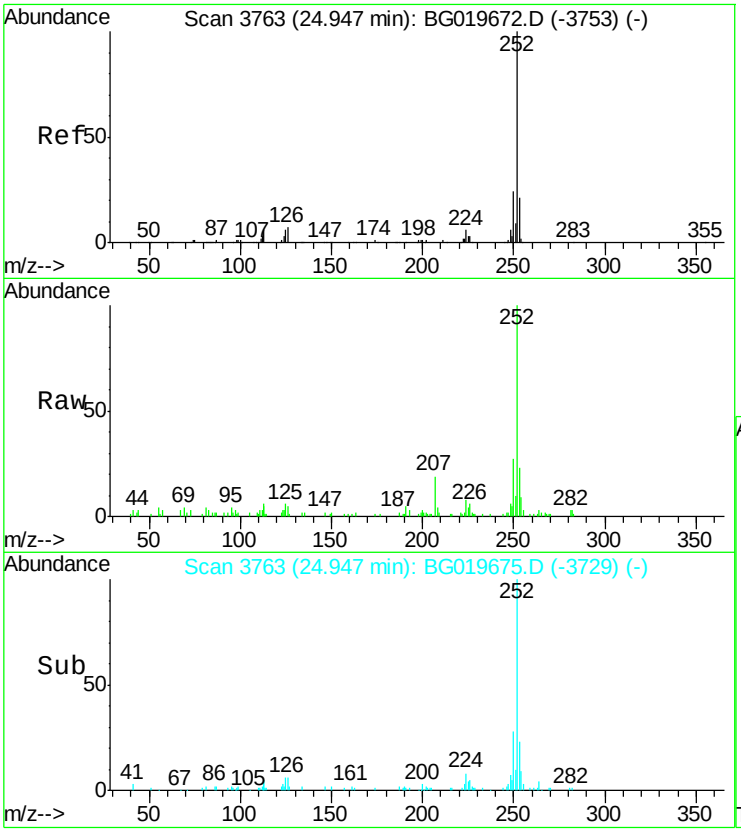


#89
Benzo(k)fluoranthene
Concen: 2.76 ng/ul
RT: 24.04 min Scan# 3609
Delta R.T. -0.08 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion:252 Resp: 51983

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	5.1	4.4	6.6





#91
Benzo(a)pyrene
Concen: 2.11 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 39757

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.9	25.3
125	6.1	5.4	8.0