Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020319.D
Acq On : 19 Dec 2015 19:47
Operator : UM/SJ
Sample : G4866-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E43L3

Quant Time: Dec 20 05:58:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	88395	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	66131	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	164885	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	205018	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193470	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1888	5.56	ng/uL	0.00
5) Phenol-d5	7.24	99	48696	29.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	30546	30.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	39067	32.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	41510	29.34	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21283	30.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	25728	33.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	47307	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	58747	33.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	170387	31.85	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	195324	31.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24399	25.43	ng/ul	0.00
58) Fluorene-d10	15.71	176	153812	31.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	24028	24.58	ng/ul	0.00
71) Anthracene-d10	17.57	188	238325	31.37	ng/ul	0.00
79) Pyrene-d10	19.85	212	293576	30.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	329683	34.16	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	2532	1.43	ng/ul#	88
45) Dimethylphthalate	14.17	163	63367	11.60	ng/ul	97
70) Phenanthrene	17.51	178	17956	1.99	ng/ul	99
72) Anthracene	17.51	178	17956	1.96	ng/ul	98
77) Fluoranthene	19.51	202	29711	2.82	ng/ul	97
80) Pyrene	19.88	202	23856	1.92	ng/ul	98
85) Chrysene	21.79	228	12963	1.15	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	14814	1.27	ng/ul#	90

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

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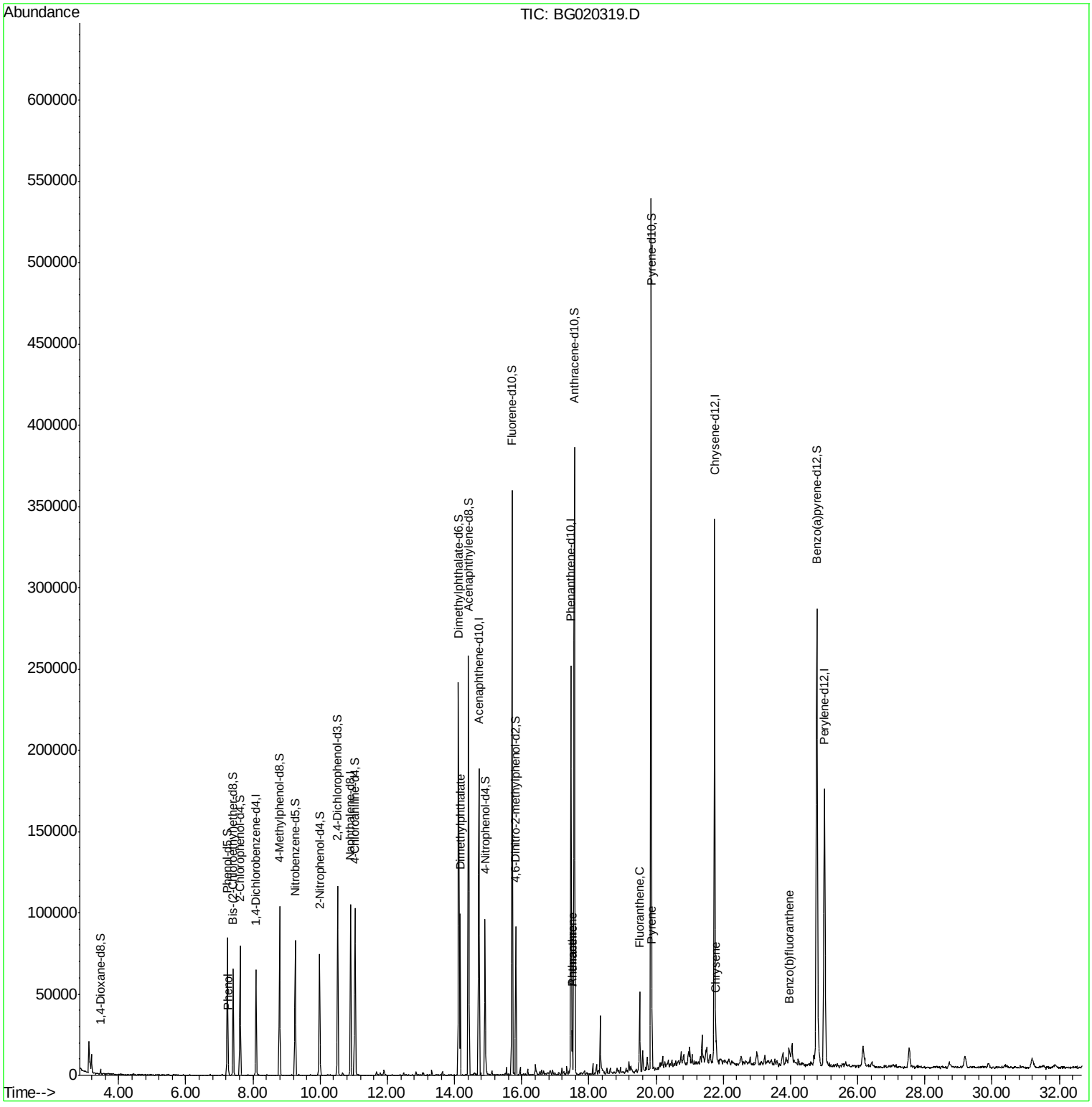
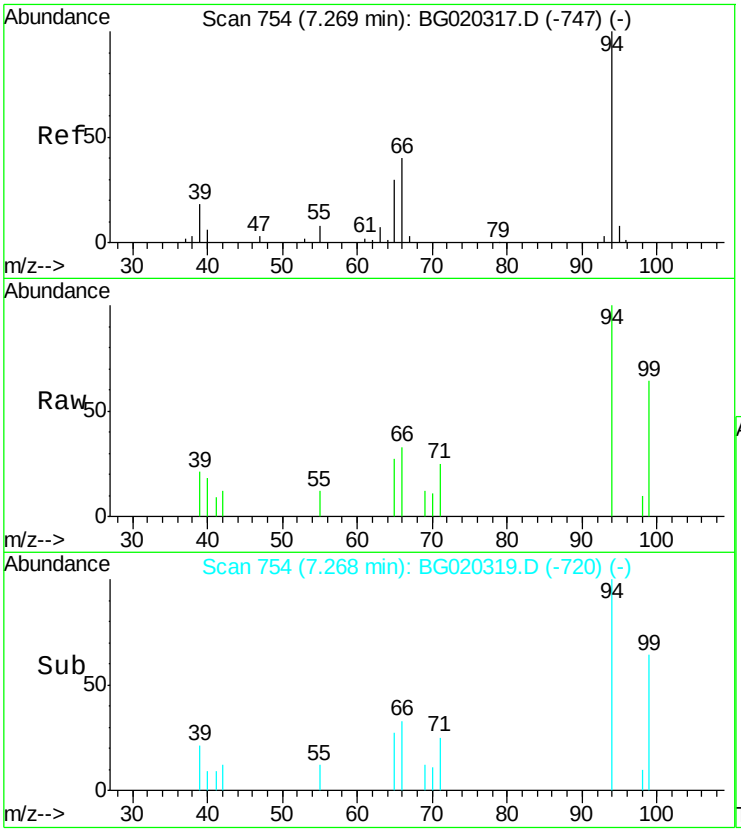


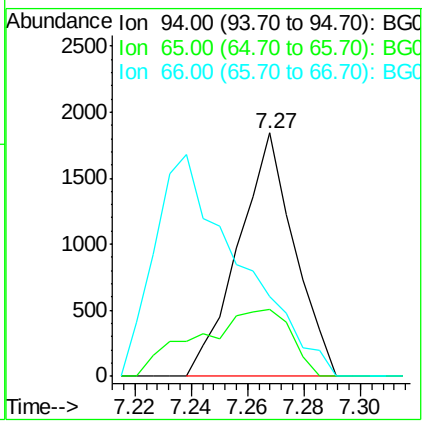


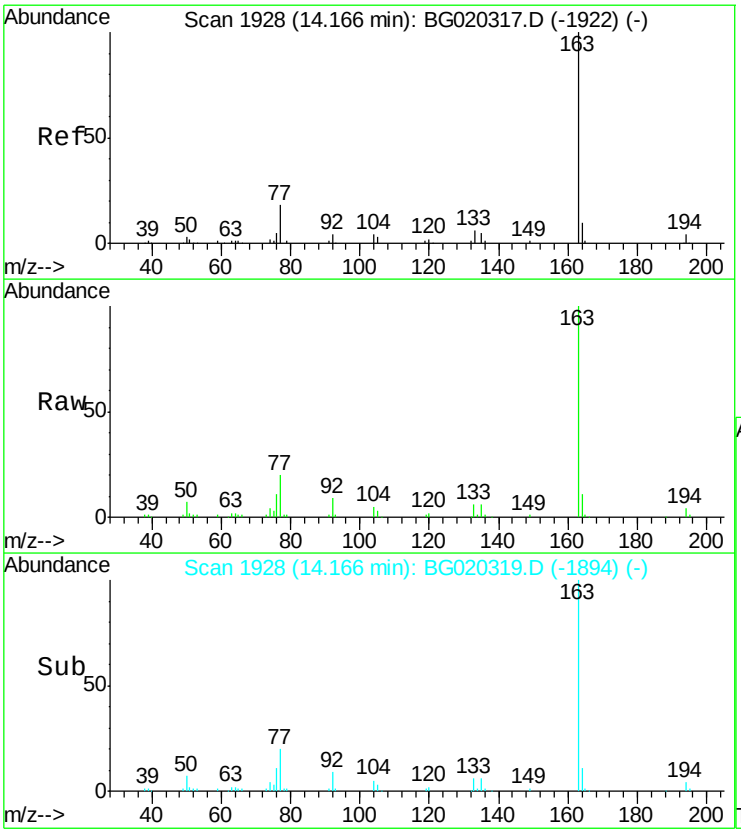
#6
Phenol
Concen: 1.43 ng/ul
RT: 7.27 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
E43L3

Tgt Ion: 94 Resp: 2532

Ion	Ratio	Lower	Upper
94	100		
65	27.3	26.3	39.5
66	32.9	33.3	49.9#

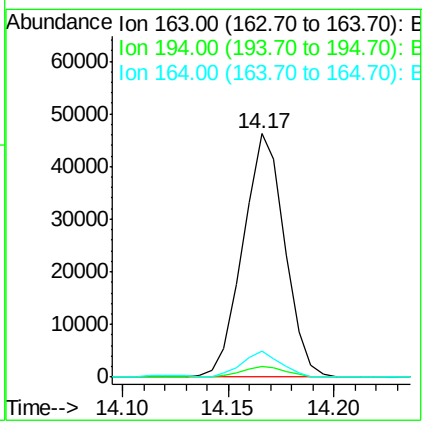


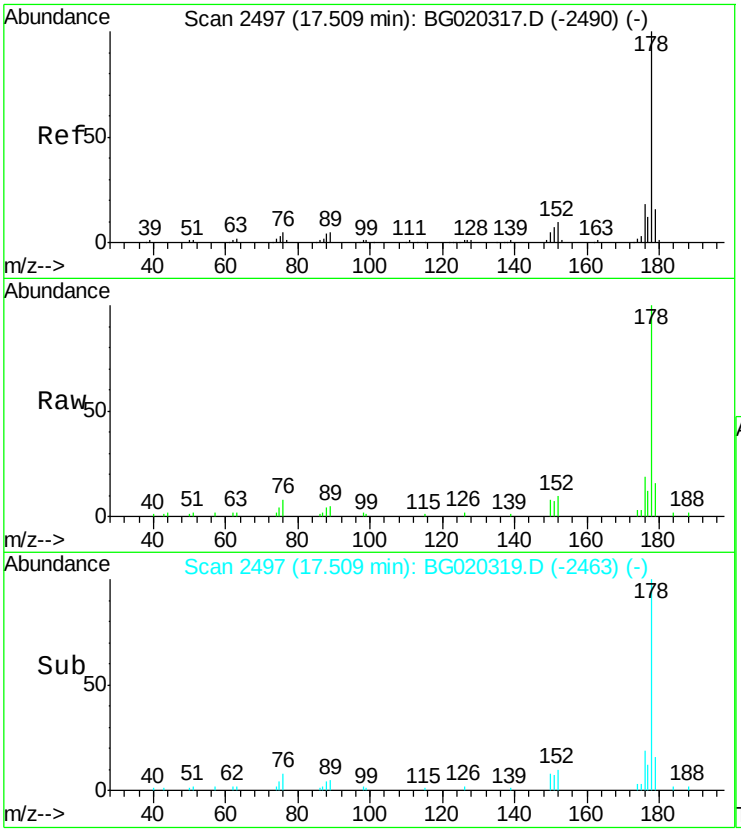


#45
Dimethylphthalate
Concen: 11.60 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Tgt Ion:163 Resp: 63367

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.9	7.7	11.5



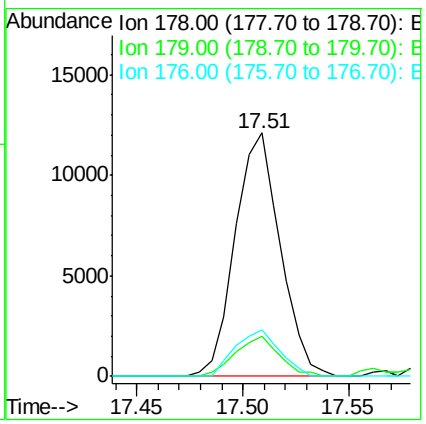


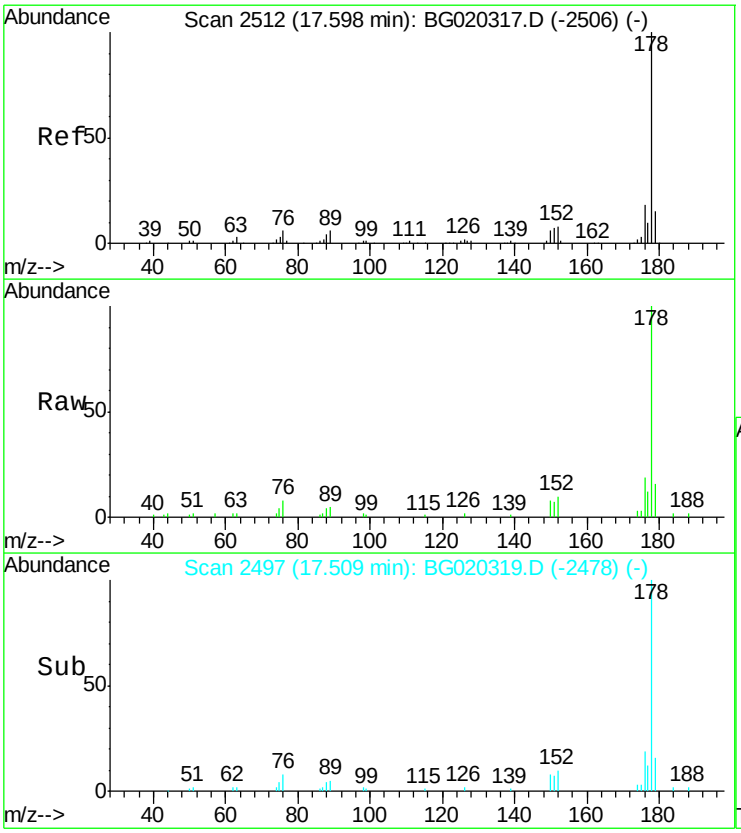
#70
Phenanthrene
Concen: 1.99 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
E43L3

Tgt Ion:178 Resp: 17956

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	18.9	15.3	22.9

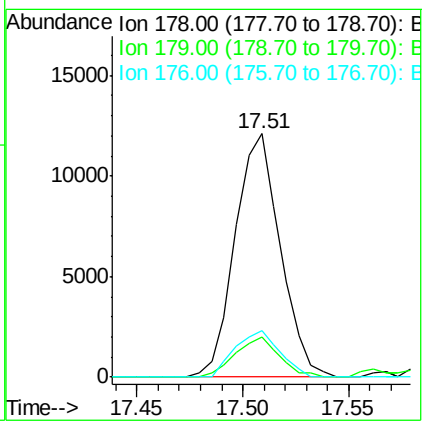


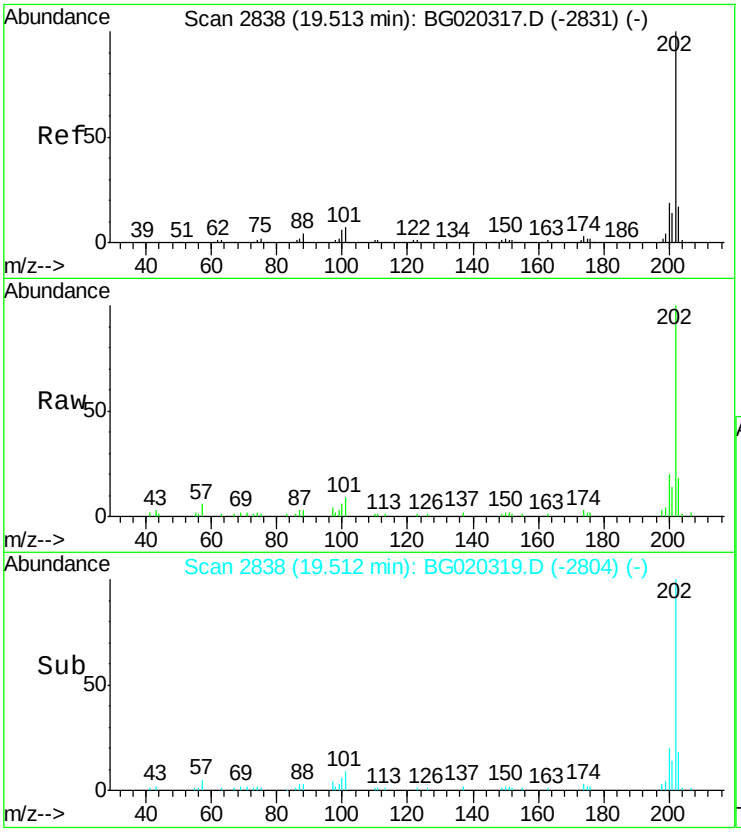


#72
Anthracene
Concen: 1.96 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.09 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Tgt Ion:178 Resp: 17956

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	18.9	14.3	21.5



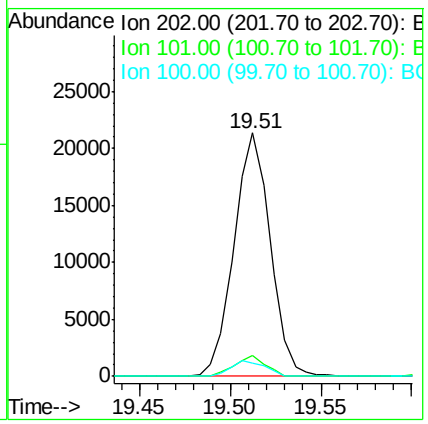


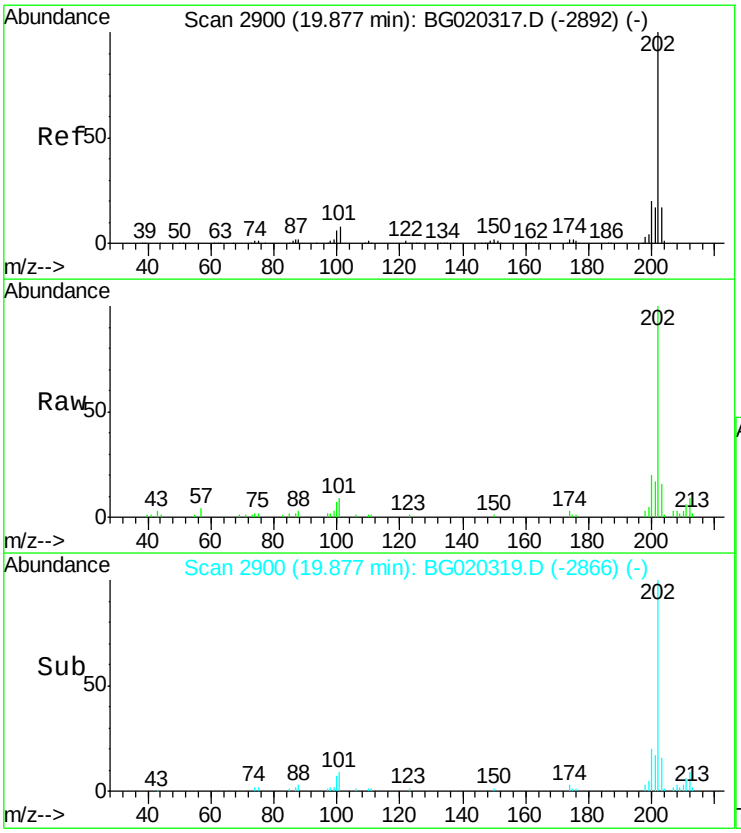
#77
Fluoranthene
Concen: 2.82 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
E43L3

Tgt Ion:202 Resp: 29711

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.2	9.4
100	5.6	5.1	7.7

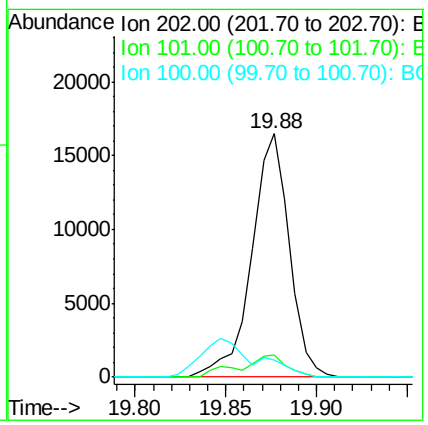


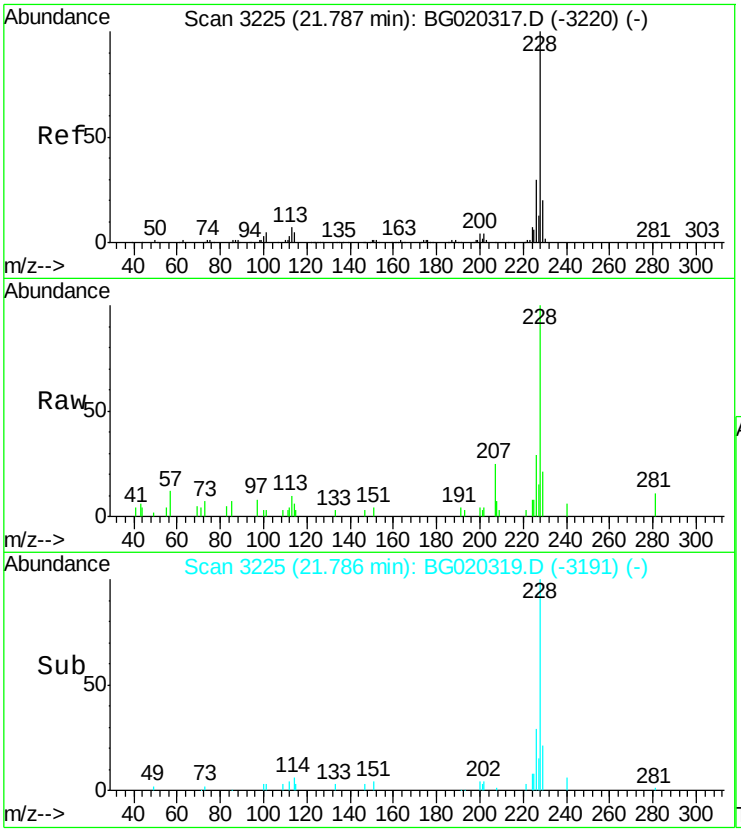


#80
Pyrene
Concen: 1.92 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Tgt Ion:202 Resp: 23856

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
100	6.8	6.4	9.6



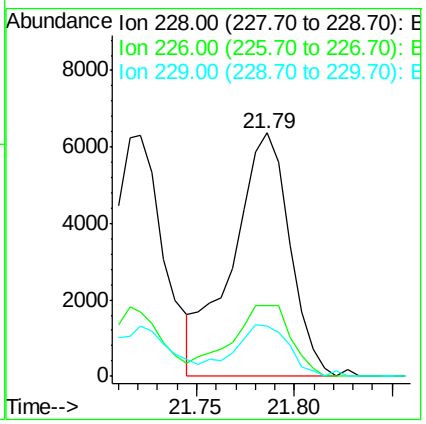


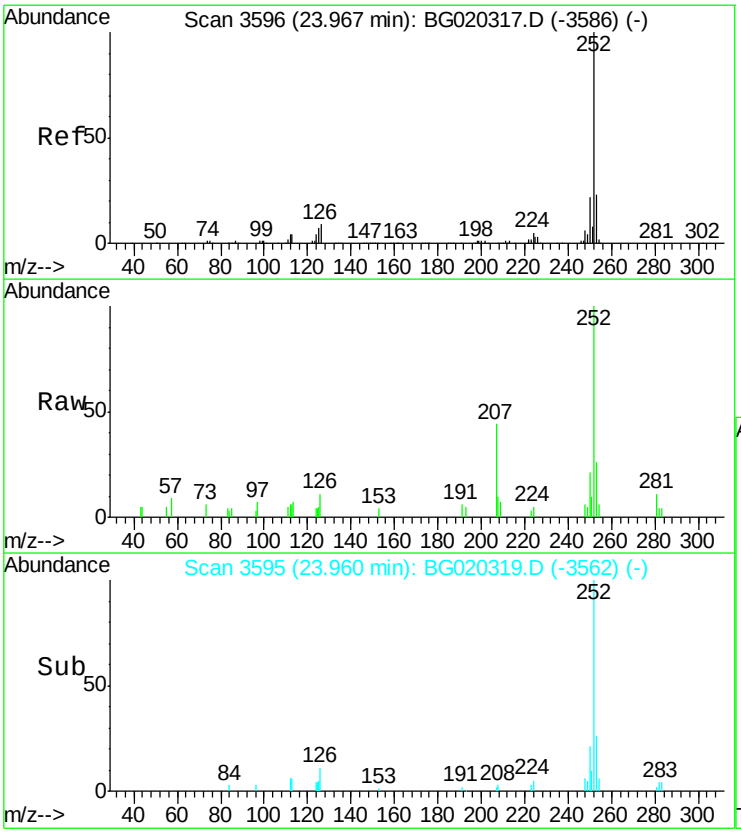
#85
Chrysene
Concen: 1.15 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
E43L3

Tgt Ion:228 Resp: 12963

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.9	35.9
229	20.9	15.6	23.4





#88
Benzo(b)fluoranthene
Concen: 1.27 ng/ul
RT: 23.96 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BG020319.D
Acq: 19 Dec 2015 19:47

Tgt Ion:252 Resp: 14814

Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.7	25.1#
125	4.6	6.2	9.2#