Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021999.D
Acq On : 22 May 2016 6:00
Operator : UM/SJ
Sample : H3124-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG8MS

Quant Time: May 22 07:26:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 07:24:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	216607	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	120964	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	250799	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	232443	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	211846	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	3147	3.88	ng/uL	0.00
5) Phenol-d5	7.31	99	74848	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	40135	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	65757	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	60549	18.71	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	34055	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	34855	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	60185	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	80908	24.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	206171	22.69	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	283997	22.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	22427	14.33	ng/ul	0.00
58) Fluorene-d10	15.77	176	187760	22.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	22135	16.88	ng/ul	0.00
71) Anthracene-d10	17.63	188	278357	23.06	ng/ul	0.00
77) Pyrene-d10	19.90	212	300533	22.93	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	245762	25.00	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.22	163	69490	7.61	ng/ul	99
55) 2,4-Dinitrotoluene	14.78	165	15949	6.04	ng/ul#	46
70) Phenanthrene	17.57	178	41750	2.99	ng/ul	98
72) Anthracene	17.57	178	41750	2.95	ng/ul	98
75) Fluoranthene	19.57	202	65907	4.64	ng/ul	100
78) Pyrene	19.93	202	84061	5.14	ng/ul	97
81) Benzo(a)anthracene	21.79	228	26557	1.95	ng/ul	98
83) Chrysene	21.79	228	26557	2.01	ng/ul	99
86) Benzo(b)fluoranthene	24.08	252	24870	2.01	ng/ul#	94
87) Benzo(k)fluoranthene	24.08	252	24870	2.04	ng/ul#	90
89) Benzo(a)pyrene	24.98	252	25837	2.16	ng/ul#	95

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

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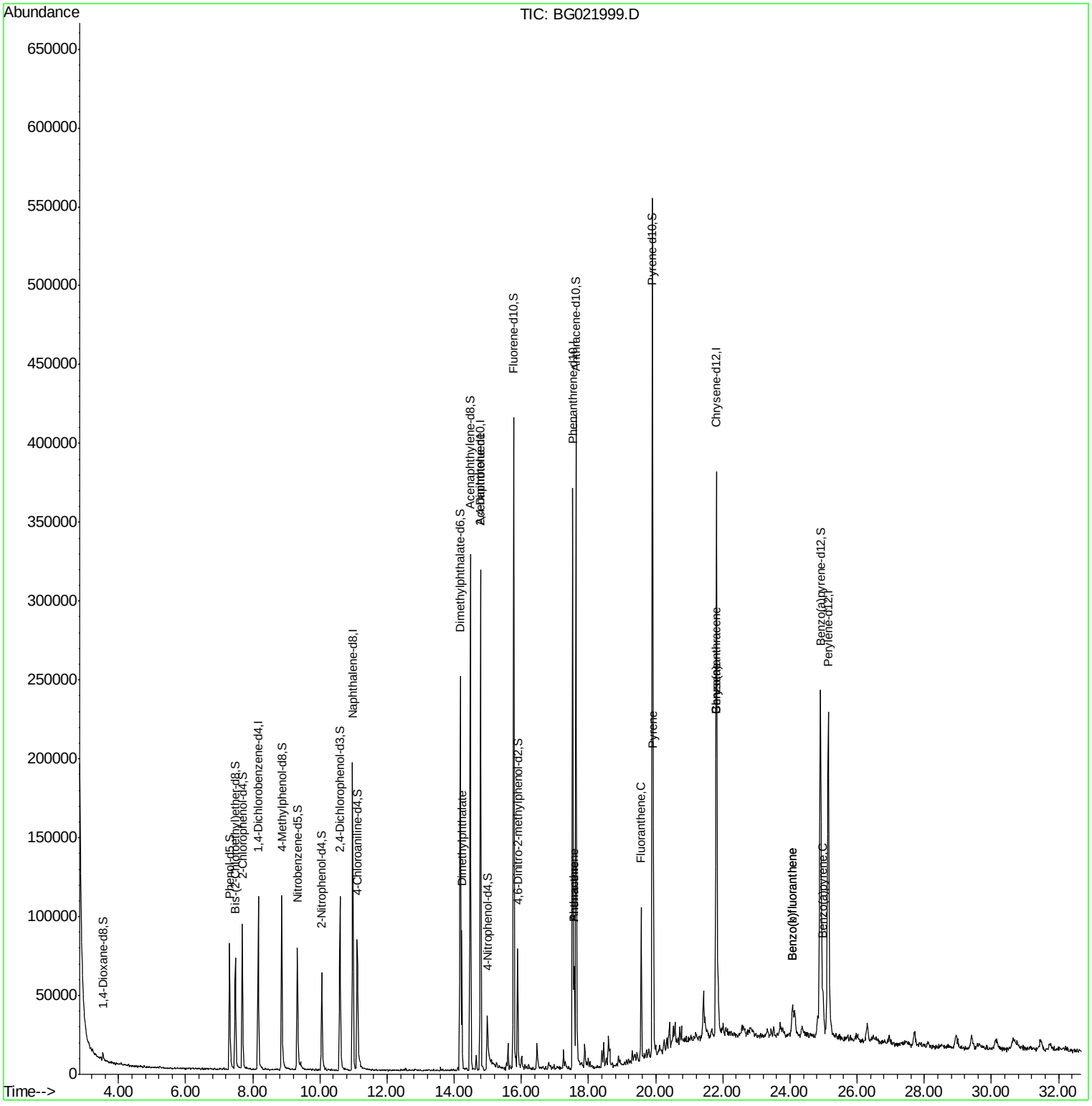
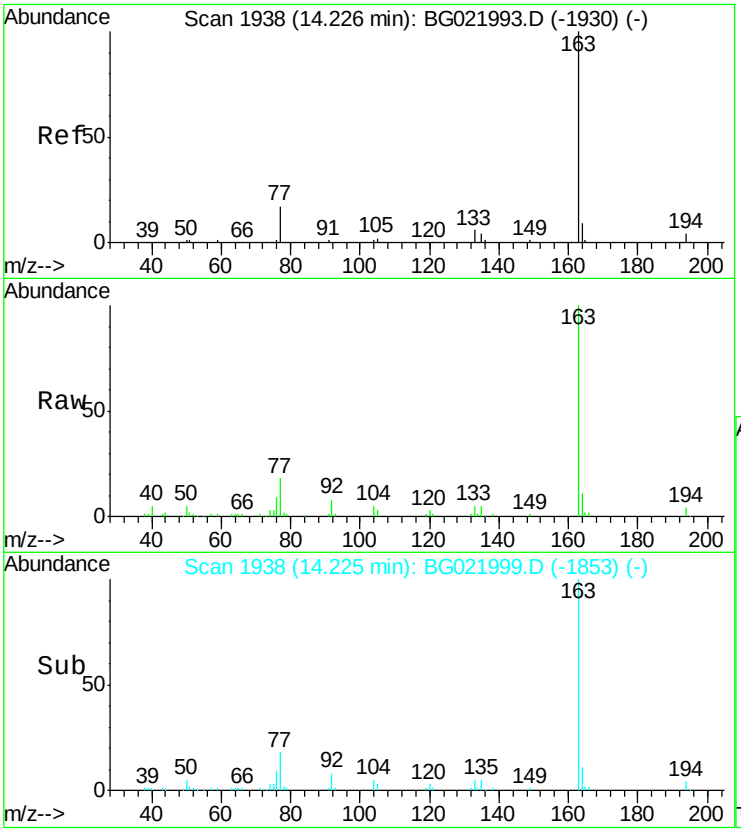


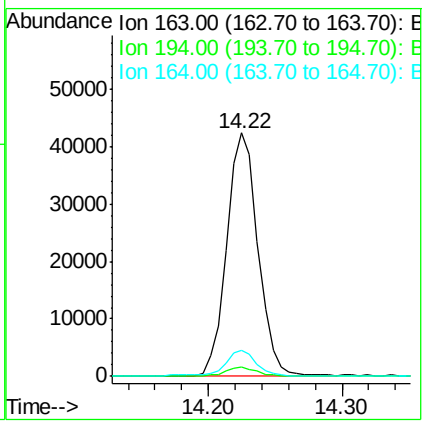


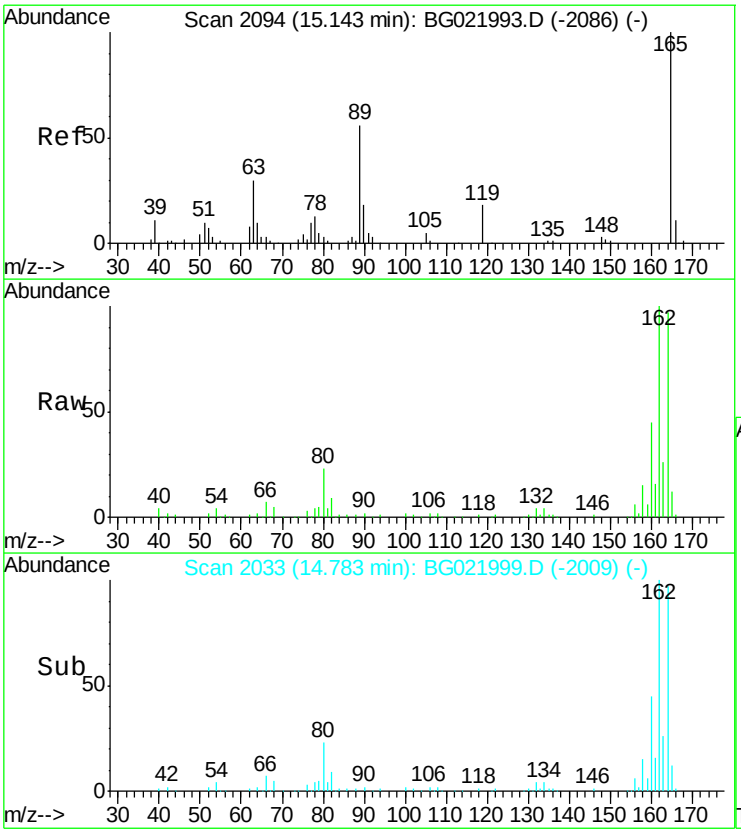
#45
Dimethylphthalate
Concen: 7.61 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 6:00

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion:163 Resp: 69490

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.5	8.8	13.2

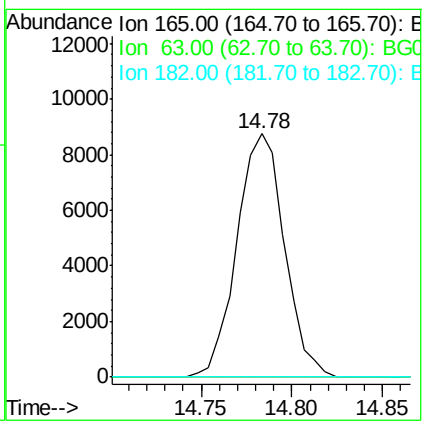


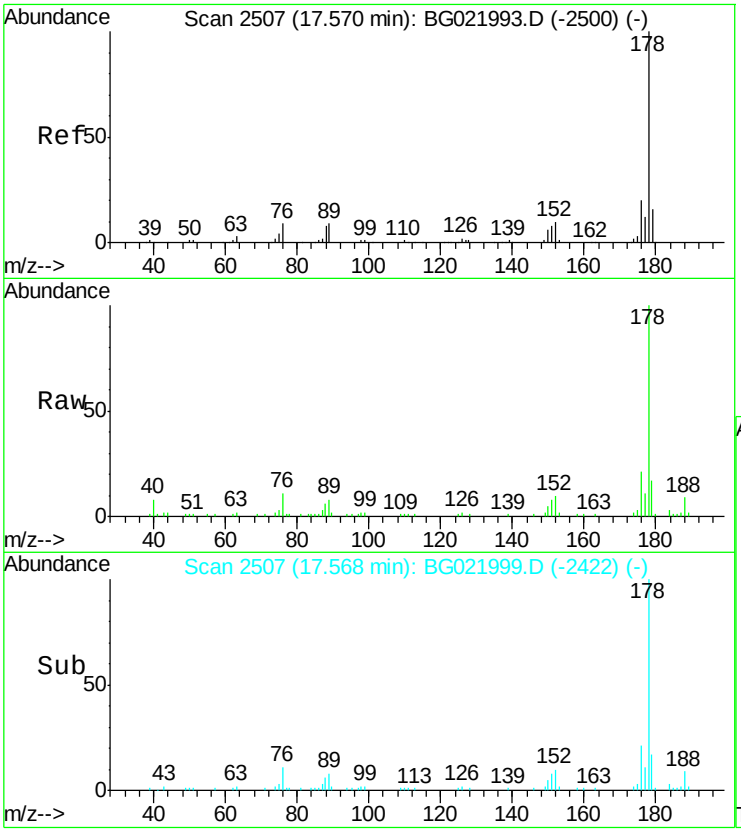


#55
2,4-Dinitrotoluene
Concen: 6.04 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.36 min
Lab File: BG021999.D
Acq: 22 May 2016 6:00

Tgt Ion:165 Resp: 15949

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.7	38.5#
182	0.0	2.1	3.1#



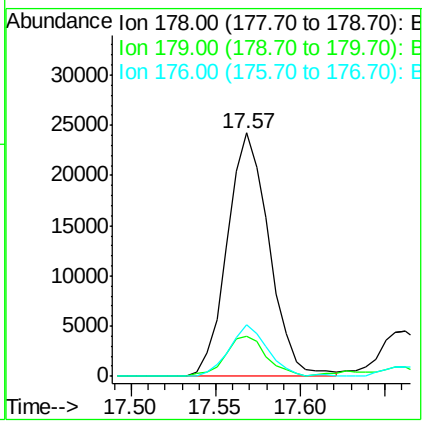


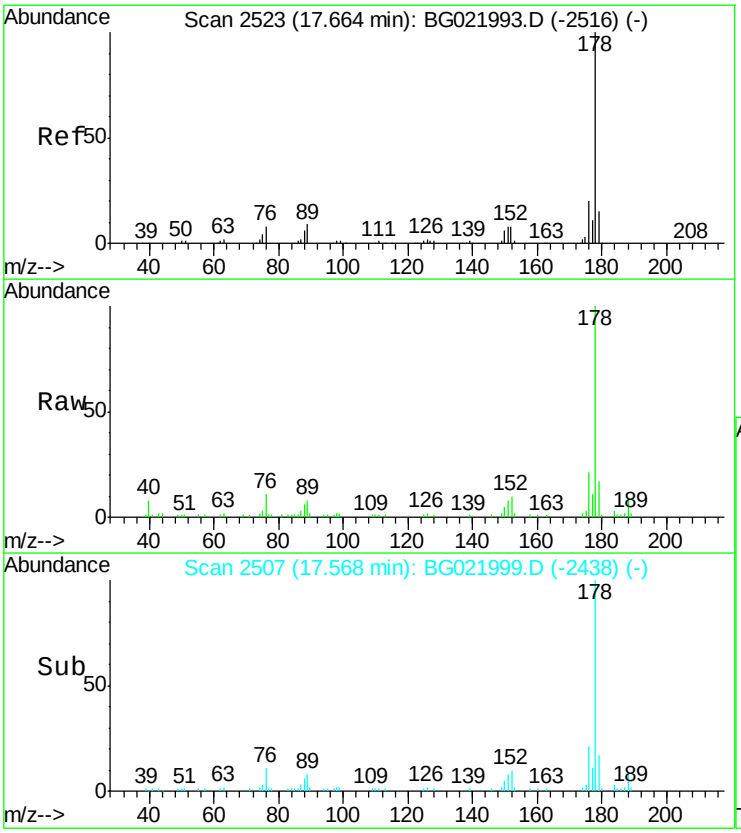
#70
Phenanthrene
Concen: 2.99 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 6:00

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion:178 Resp: 41750

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	21.0	15.8	23.8

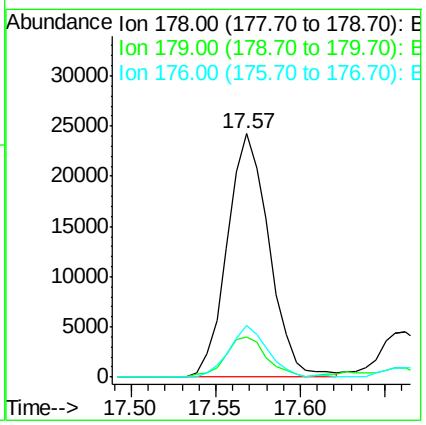


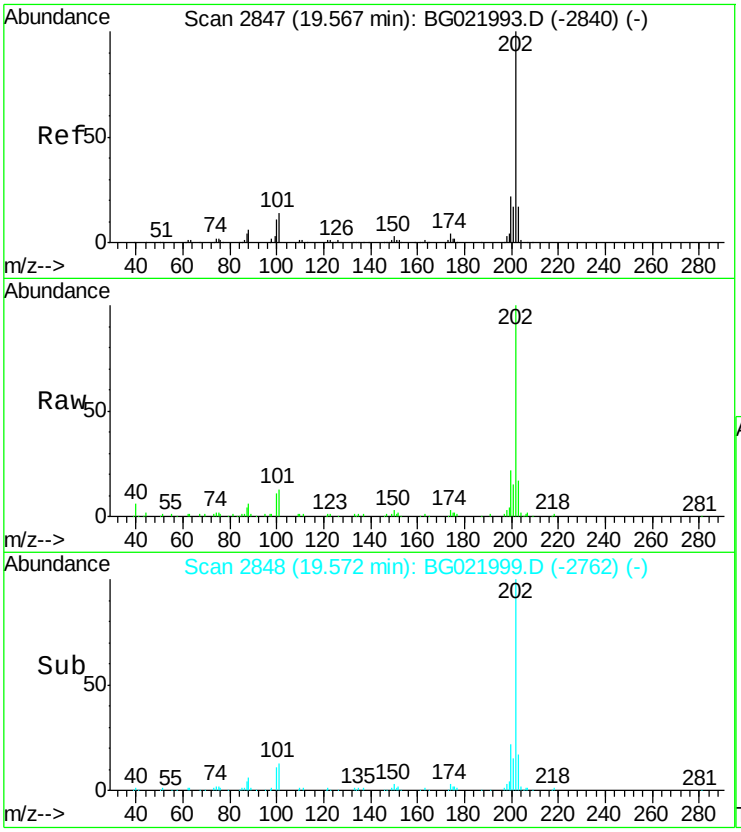


#72
Anthracene
Concen: 2.95 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.10 min
Lab File: BG021999.D
Acq: 22 May 2016 6:00

Tgt Ion:178 Resp: 41750

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	21.0	16.3	24.5



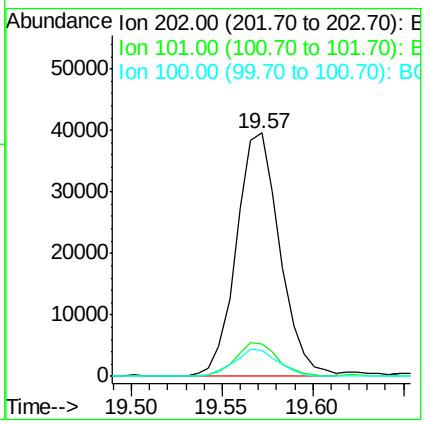


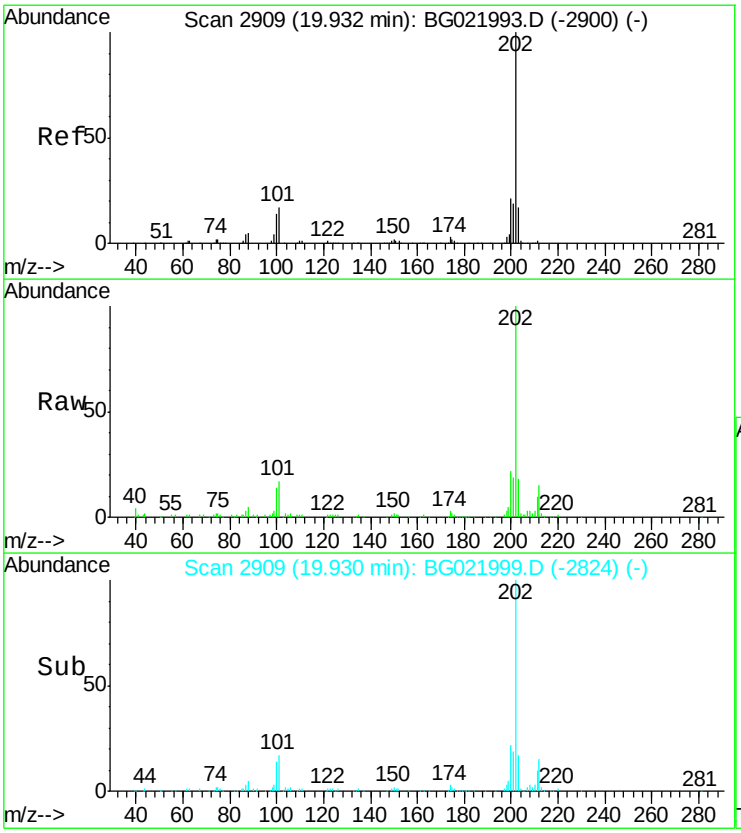
#75
Fluoranthene
Concen: 4.64 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 6:00

Instrument :
BNA_G
ClientSampleId :
JHGG8MS

Tgt Ion:202 Resp: 65907

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	10.9	8.7	13.1





#78
Pyrene
Concen: 5.14 ng/ul
RT: 19.93 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG021999.D
Acq: 22 May 2016 6:00

Tgt Ion:202 Resp: 84061

Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.5	18.7
100	14.4	10.2	15.4