Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021907.D
Acq On : 16 May 2016 15:26
Operator : UM/SJ
Sample : H3095-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE9

Quant Time: May 17 00:33:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	375221	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	222596	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	474675	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	475092	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	471571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5430	3.45	ng/uL	0.00
5) Phenol-d5	7.31	99	123439	21.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	57438	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	112203	25.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	110594	23.35	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	56825	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	64156	41.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	823	0.19	ng/ul	0.14
29) 4-Chloroaniline-d4	11.12	131	105157	22.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	375318	24.01	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	502108	22.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	46764	17.45	ng/ul	0.00
58) Fluorene-d10	15.78	176	342340	20.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	46919	35.68	ng/ul	0.00
71) Anthracene-d10	17.63	188	473709	20.50	ng/ul	0.00
77) Pyrene-d10	19.54	212	6638	0.30	ng/ul	-0.36
88) Benzo(a)pyrene-d12	24.92	264	473498	21.13	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.69	77	1592	2.60	ng/ul	94
45) Dimethylphthalate	14.23	163	68102	4.28	ng/ul	98
69) Pentachlorophenol	17.18	266	3308	1.51	ng/ul#	53
70) Phenanthrene	17.57	178	132468	5.10	ng/ul	99
75) Fluoranthene	19.57	202	245869	8.34	ng/ul	97
78) Pyrene	19.94	202	210777	7.67	ng/ul	96
81) Benzo(a)anthracene	21.79	228	104473	3.95	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.68	149	59256	5.97	ng/ul	95
83) Chrysene	21.86	228	109273	4.18	ng/ul	96
86) Benzo(b)fluoranthene	24.08	252	162254	6.01	ng/ul#	95
89) Benzo(a)pyrene	24.99	252	97227	3.62	ng/ul#	98
92) Benzo(g,h,i)perylene	30.14	276	28689	1.09	ng/ul#	91

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

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Sample : H3095-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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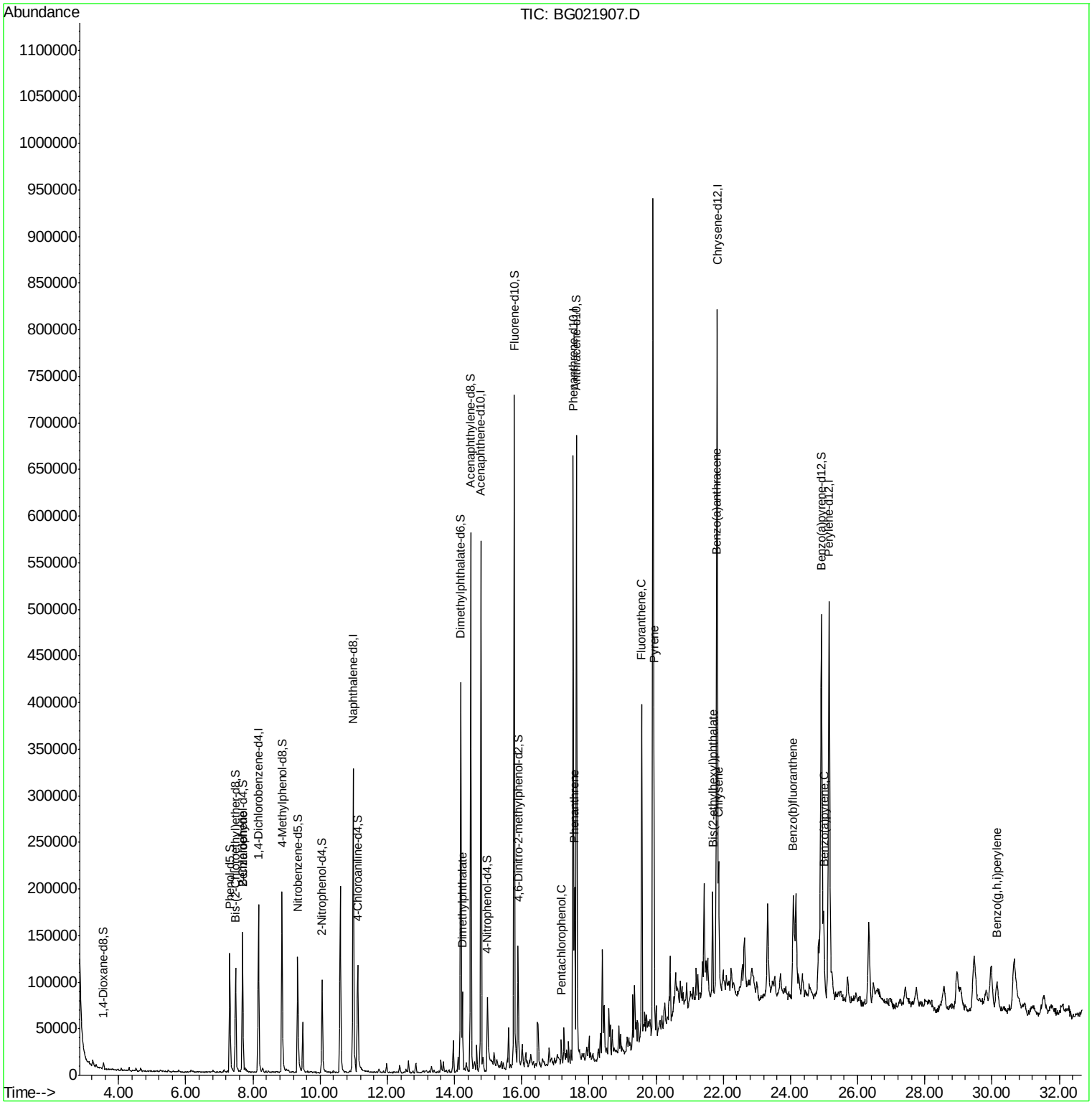
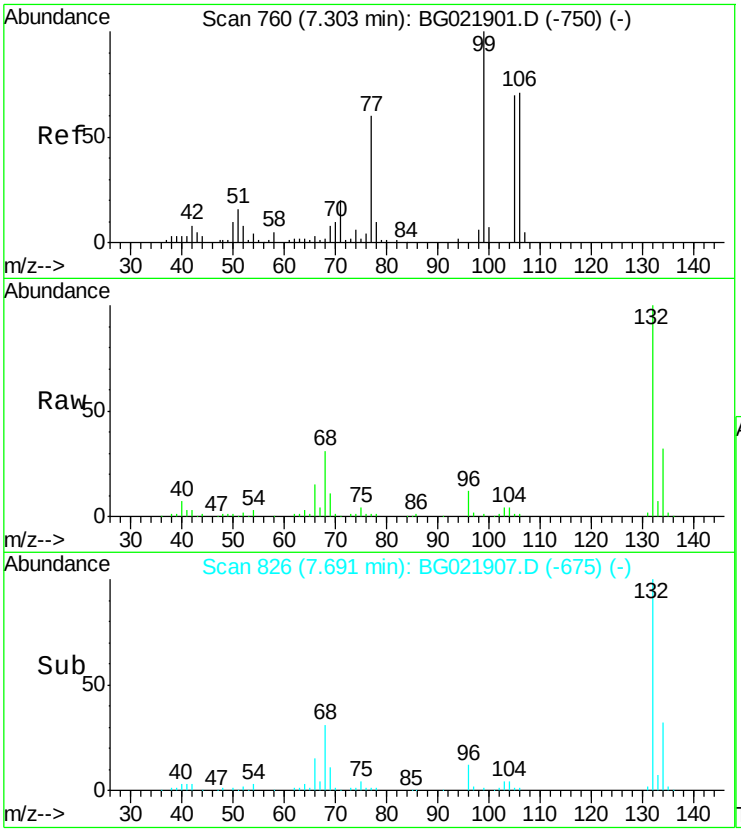
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration



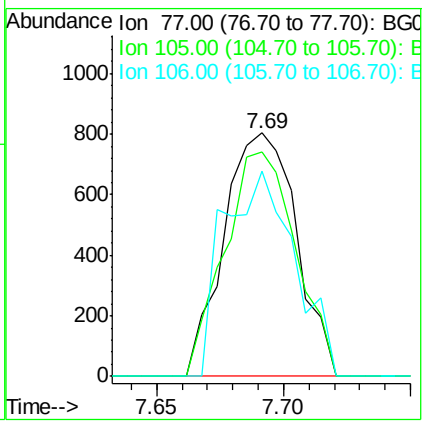


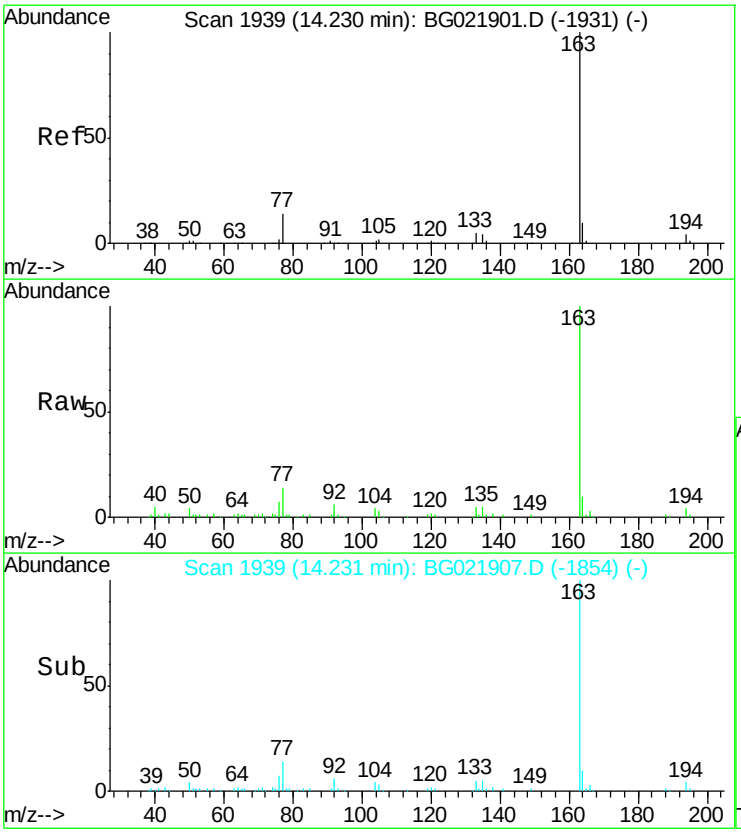
#4
Benzaldehyde
Concen: 2.60 ng/ul
RT: 7.69 min Scan# 826
Delta R.T. 0.39 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tgt Ion: 77 Resp: 1592

Ion	Ratio	Lower	Upper
77	100		
105	92.2	68.5	102.7
106	84.6	65.0	97.4

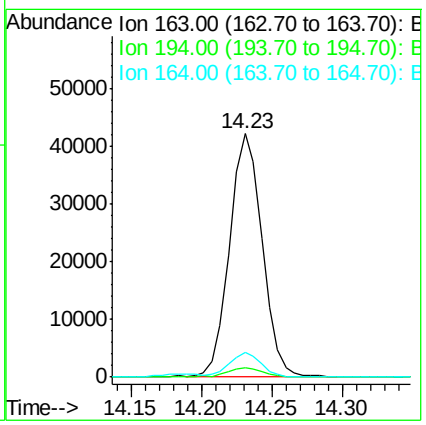


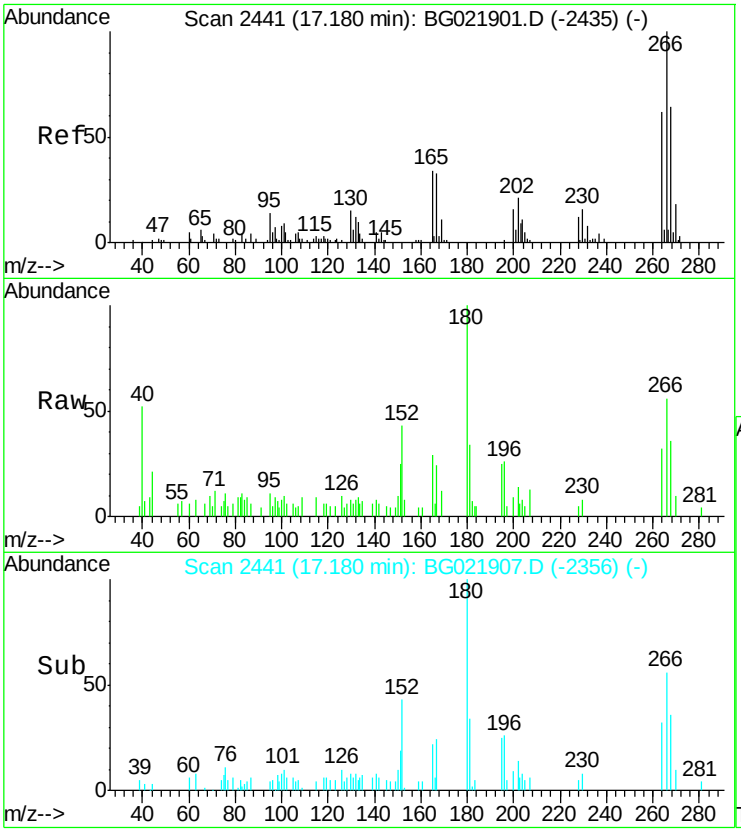


#45
Dimethylphthalate
Concen: 4.28 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:163 Resp: 68102

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.9	5.9
164	10.3	8.7	13.1



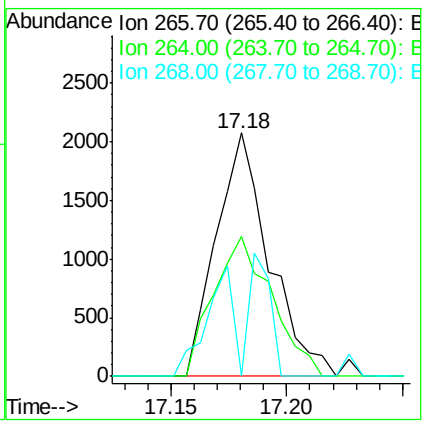


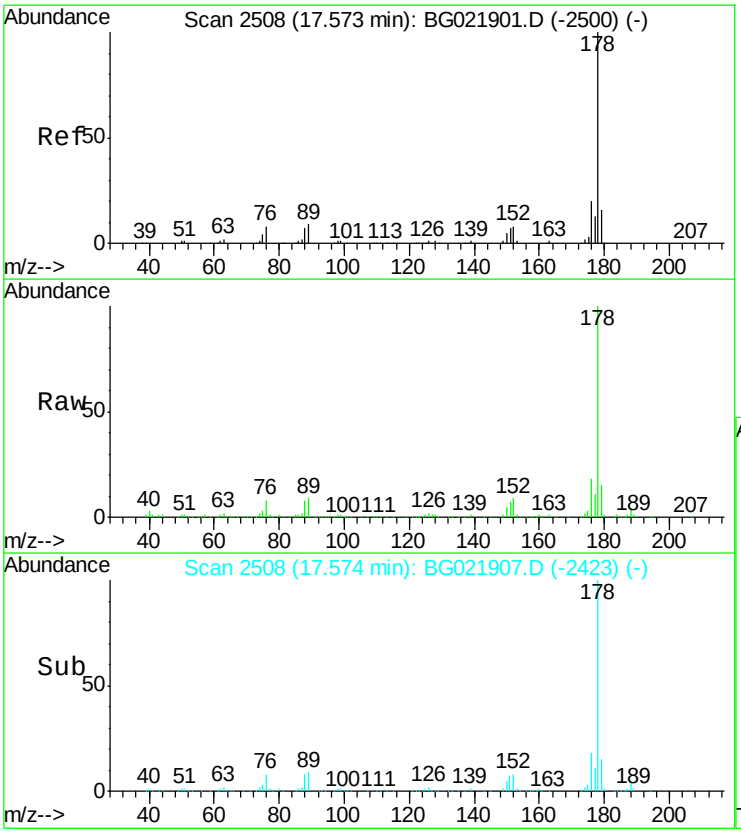
#69
Pentachlorophenol
Concen: 1.51 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tgt Ion:266 Resp: 3308

Ion	Ratio	Lower	Upper
266	100		
264	57.5	56.7	85.1
268	0.0	50.6	76.0#

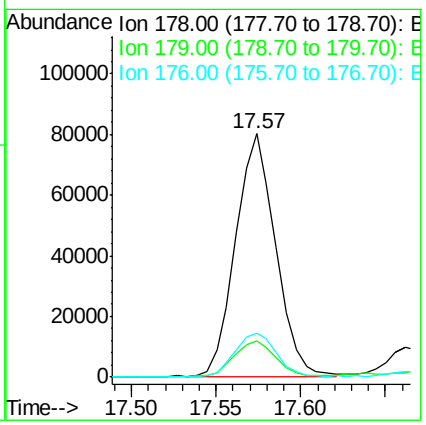


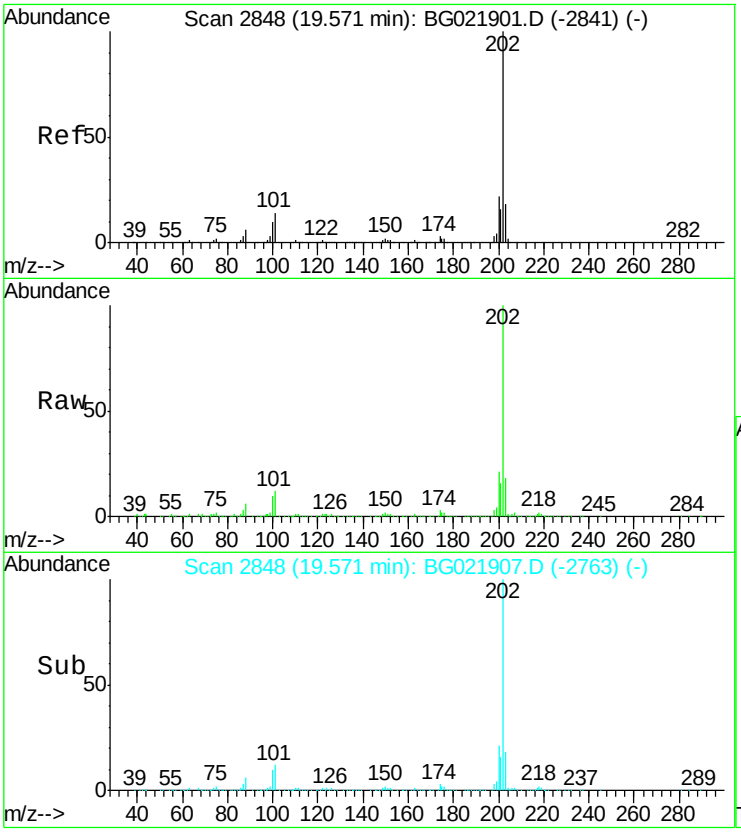


#70
Phenanthrene
Concen: 5.10 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:178 Resp: 132468

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.3	14.8	22.2



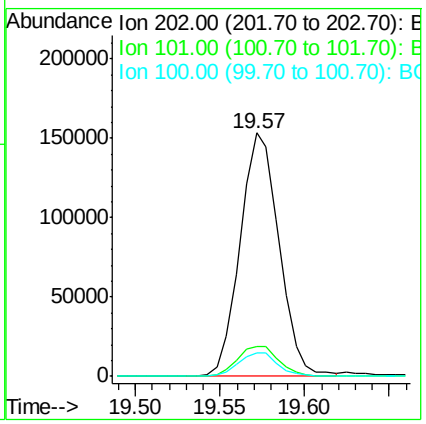


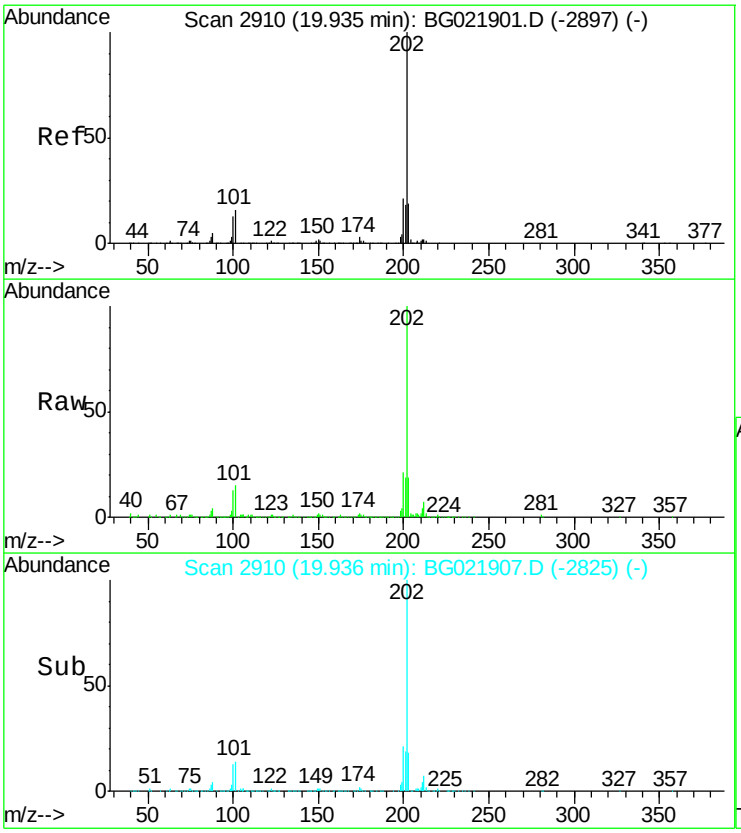
#75
Fluoranthene
Concen: 8.34 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tgt Ion:202 Resp: 245869

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	9.5	7.0	10.4

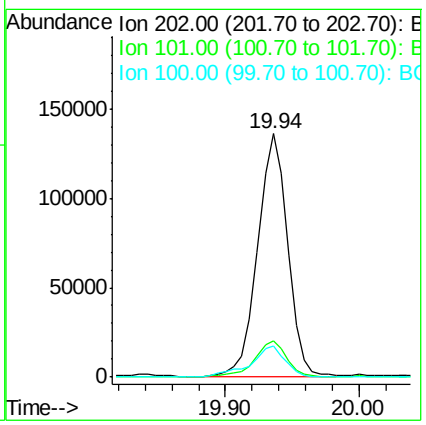


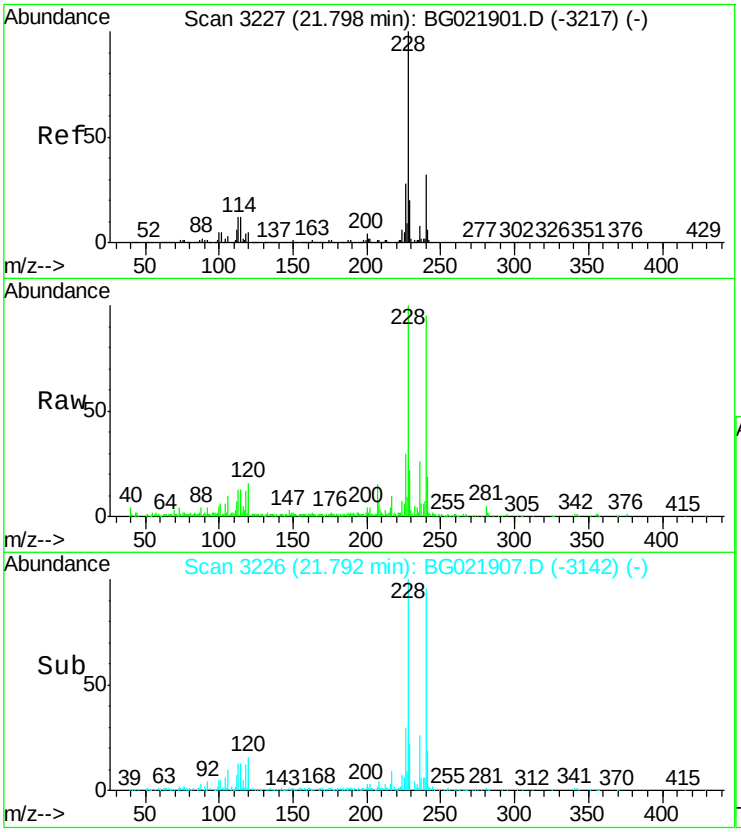


#78
Pyrene
Concen: 7.67 ng/ul
RT: 19.94 min Scan# 2910
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:202 Resp: 210777

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.8
100	12.6	9.3	13.9



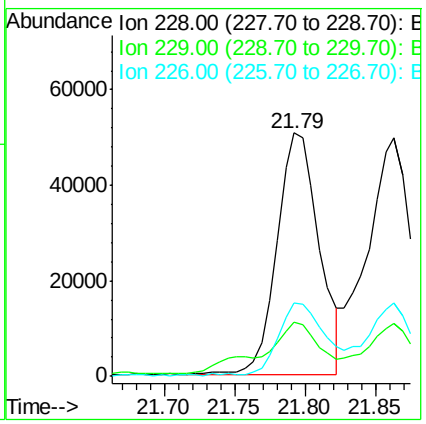


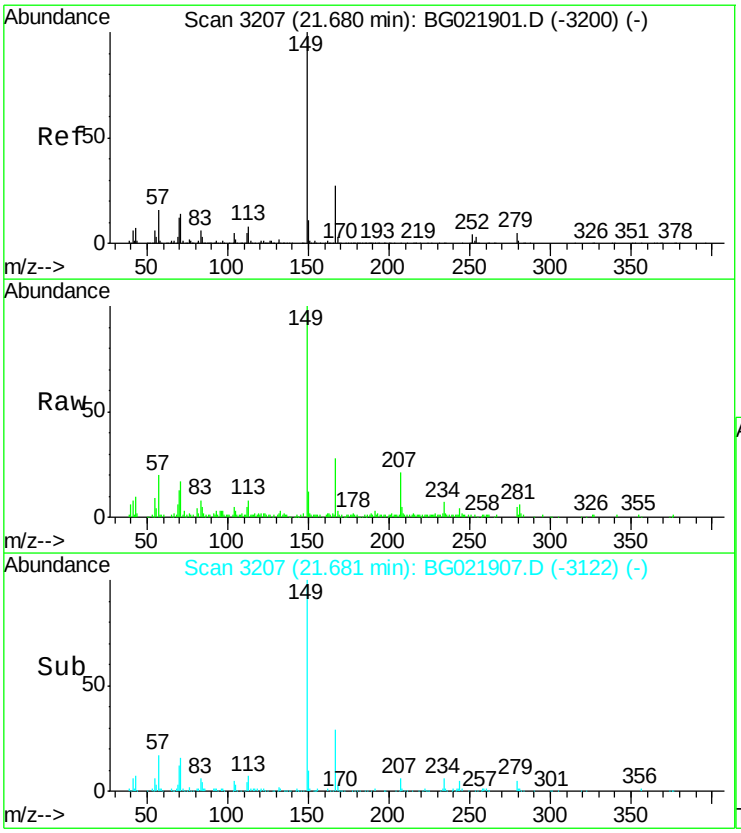
#81
Benzo(a)anthracene
Concen: 3.95 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tgt Ion:228 Resp: 104473

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.6	25.0
226	30.3	21.0	31.4

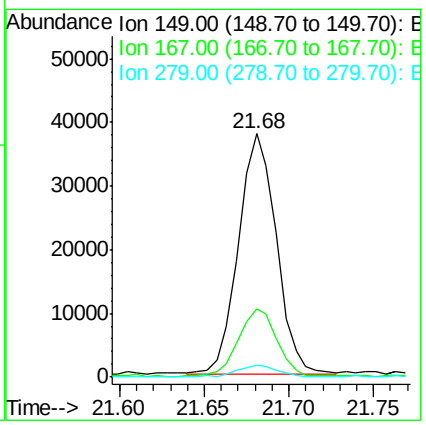


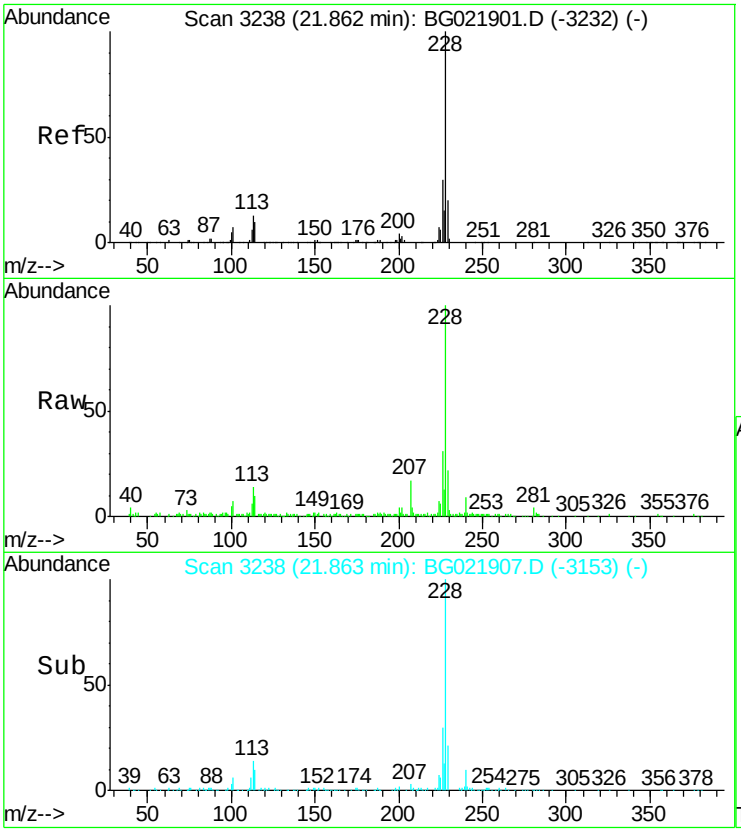


#82
Bis(2-ethylhexyl)phthalate
Concen: 5.97 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:149 Resp: 59256

Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.5	30.7
279	5.0	3.7	5.5



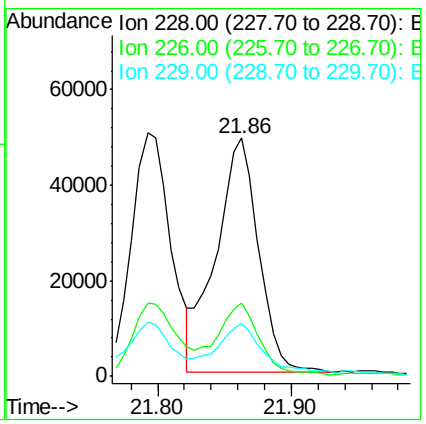


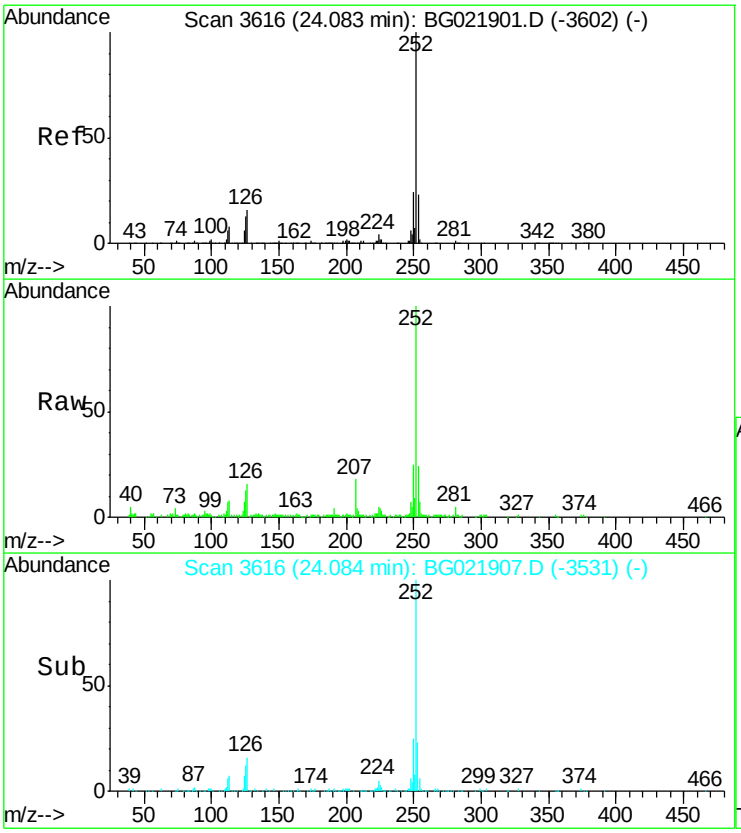
#83
Chrysene
Concen: 4.18 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tgt Ion:228 Resp: 109273

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.3	16.2	24.2

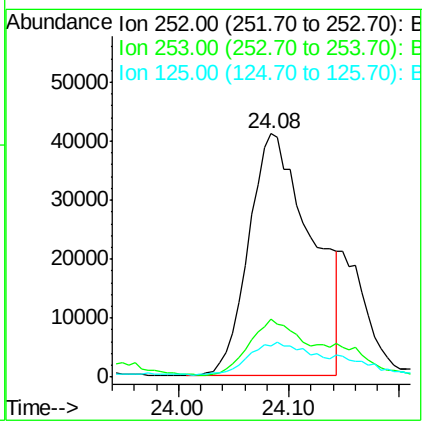


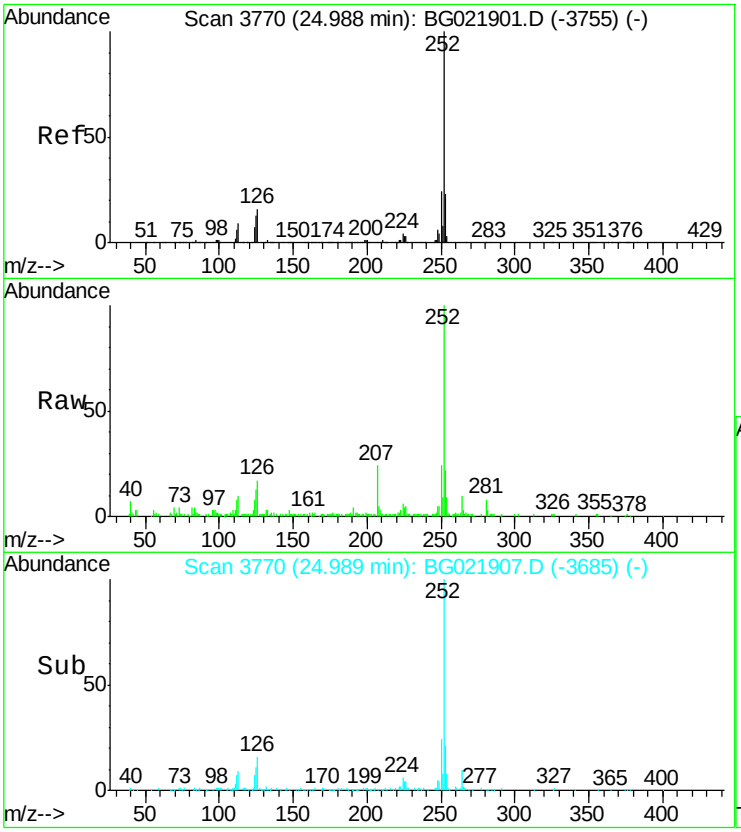


#86
Benzo(b)fluoranthene
Concen: 6.01 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:252 Resp: 162254

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	12.9	7.6	11.4#



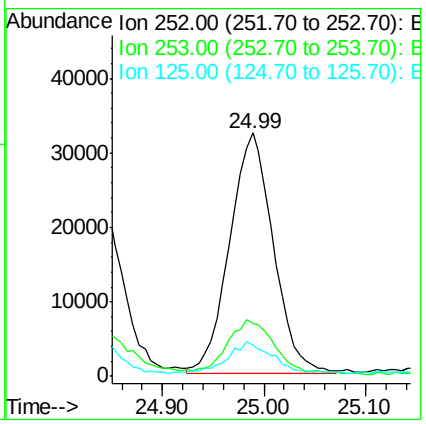


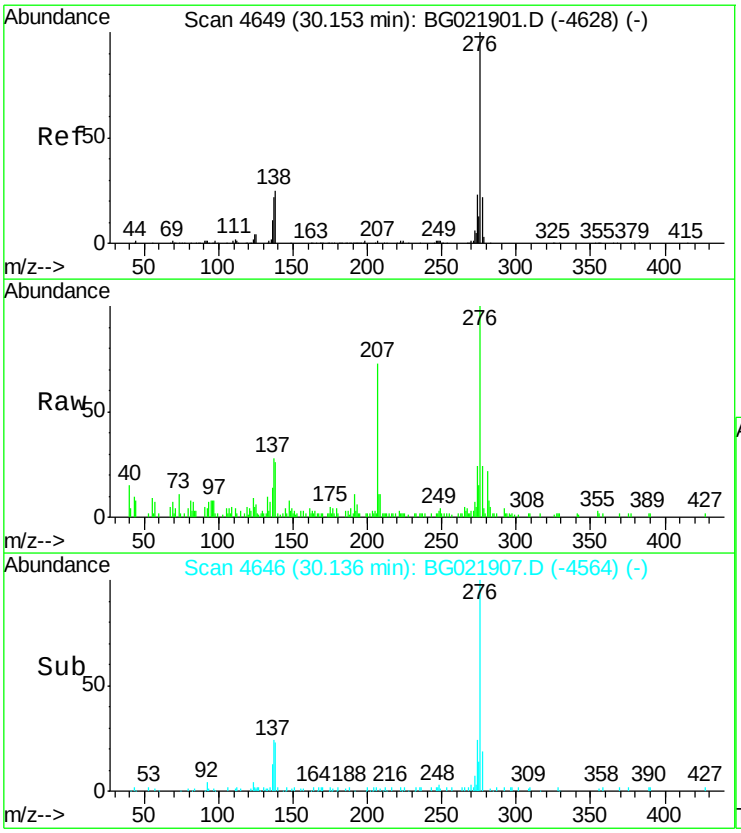
#89
Benzo(a)pyrene
Concen: 3.62 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tgt Ion:252 Resp: 97227

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	13.0	8.2	12.2#





#92
Benzo(g,h,i)perylene
Concen: 1.09 ng/ul
RT: 30.14 min Scan# 4646
Delta R.T. -0.02 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:276 Resp: 28689

Ion	Ratio	Lower	Upper
276	100		
138	26.2	13.9	20.9#
277	24.2	19.8	29.6