Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021814.D
Acq On : 10 May 2016 13:24
Operator : UM/SJ
Sample : H2938-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XA2

Quant Time: May 11 03:30:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57463	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	303584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	187575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	407434	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	407764	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	395638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	6058	5.09	ng/uL	0.00
5) Phenol-d5	7.33	99	110366	25.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	57112	27.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	103401	31.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	96314	26.89	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	53449	26.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	43940	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	98493	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.57	131	279	0.07	ng/ul	0.44
44) Dimethylphthalate-d6	14.20	166	366339	27.81	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	503763	26.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	41178	18.23	ng/ul	0.00
58) Fluorene-d10	15.79	176	349031	25.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	31329	27.76	ng/ul	0.00
71) Anthracene-d10	17.64	188	503641	25.39	ng/ul	0.00
77) Pyrene-d10	19.91	212	551363	28.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	503342	26.78	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.71	77	1577	3.40	ng/ul#	79
45) Dimethylphthalate	14.24	163	70097	5.22	ng/ul	97
55) 2,4-Dinitrotoluene	14.80	165	24176	6.59	ng/ul#	25
75) Fluoranthene	19.58	202	44461	1.76	ng/ul#	94
78) Pyrene	19.58	202	44461	1.88	ng/ul	95
81) Benzo(a)anthracene	21.80	228	44042	1.94	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	51920	6.10	ng/ul	98
83) Chrysene	21.87	228	45789	2.04	ng/ul	96
86) Benzo(b)fluoranthene	24.09	252	86754	3.83	ng/ul#	93
87) Benzo(k)fluoranthene	24.09	252	86754	3.58	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	54931	2.44	ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.96	276	47812	1.79	ng/ul#	84

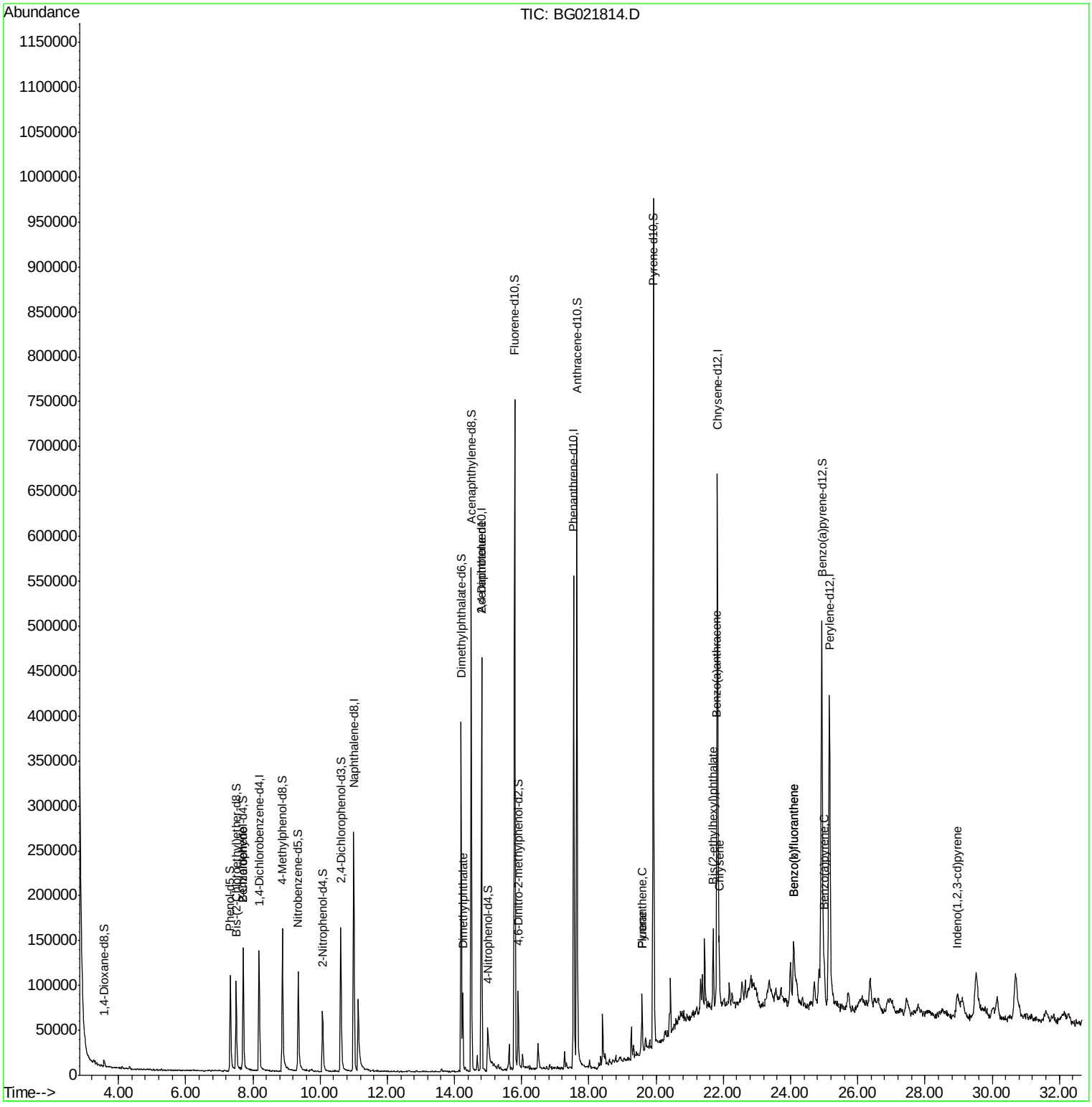
(#) = qualifier out of range (m) = manual integration (+) = signals summed

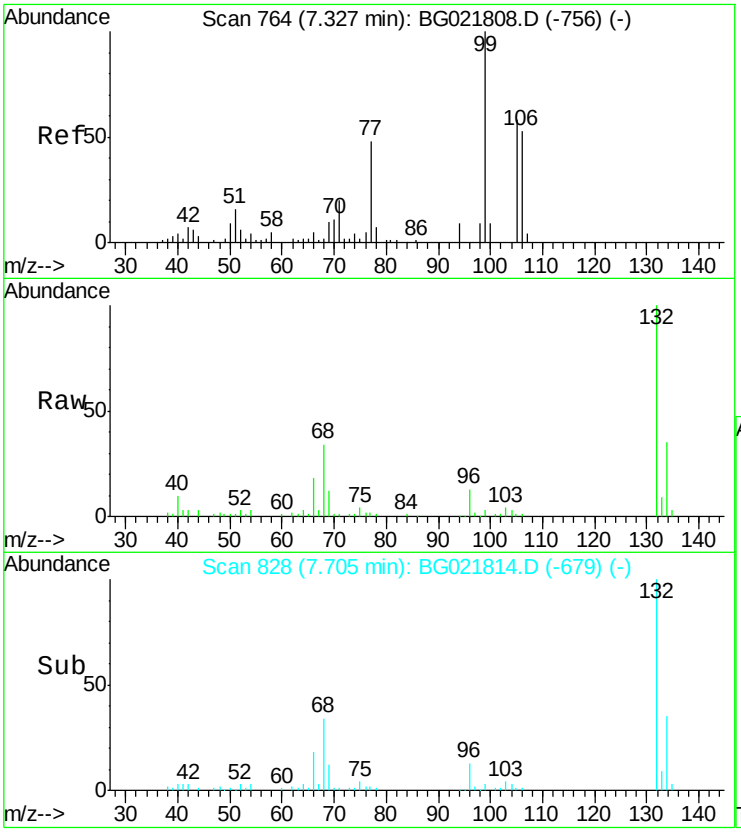
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021814.D
Acq On : 10 May 2016 13:24
Operator : UM/SJ
Sample : H2938-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA2

Quant Time: May 11 03:30:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



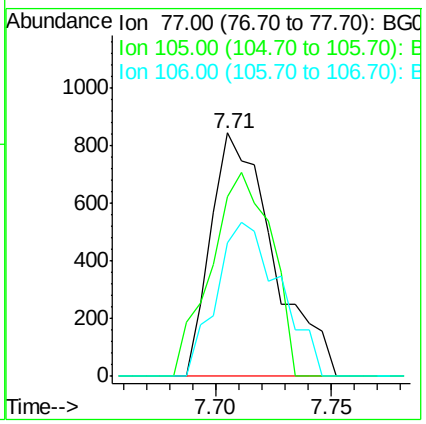


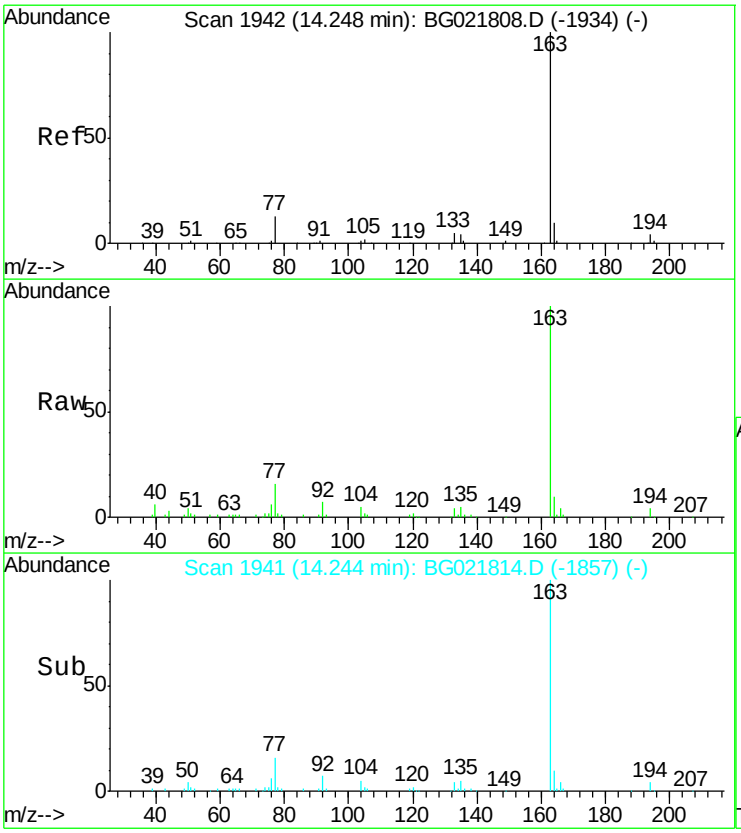
#4
Benzaldehyde
Concen: 3.40 ng/ul
RT: 7.71 min Scan# 828
Delta R.T. 0.38 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tgt Ion: 77 Resp: 1577

Ion	Ratio	Lower	Upper
77	100		
105	74.0	68.5	102.7
106	54.8	65.0	97.4#

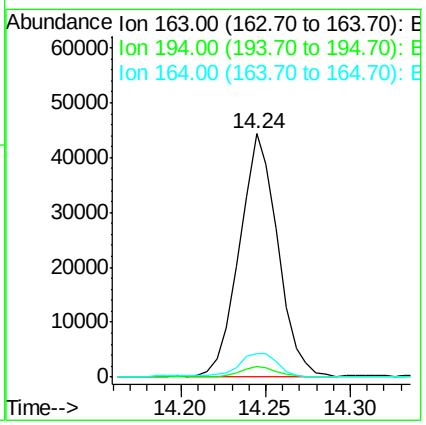


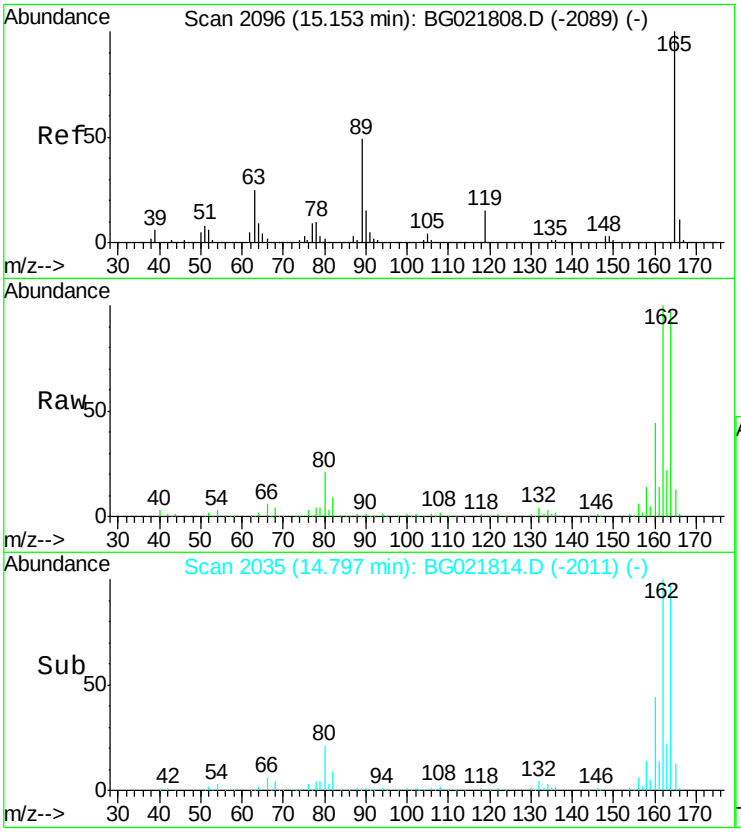


#45
Dimethylphthalate
Concen: 5.22 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion:163 Resp: 70097

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	9.7	8.7	13.1



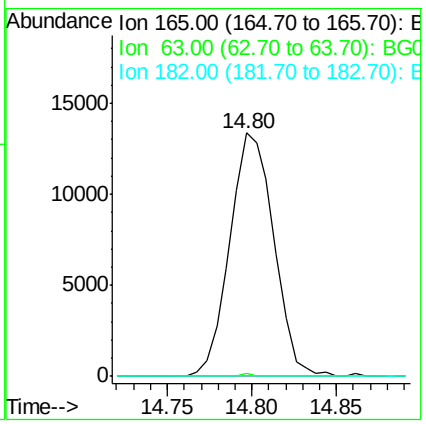


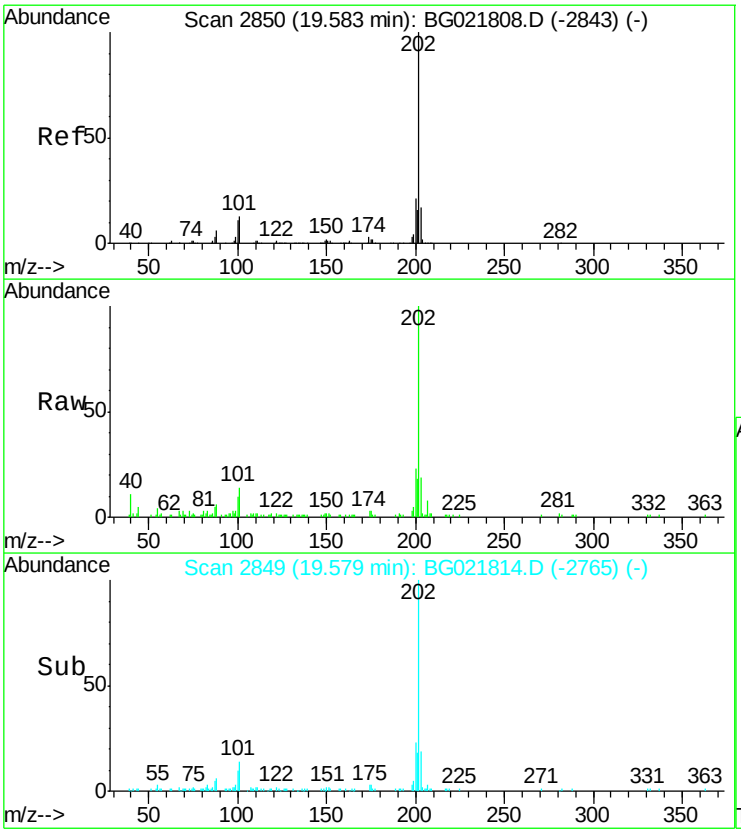
#55
2,4-Dinitrotoluene
Concen: 6.59 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.36 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tgt Ion:165 Resp: 24176

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.1	72.1#
182	0.0	2.2	3.2#

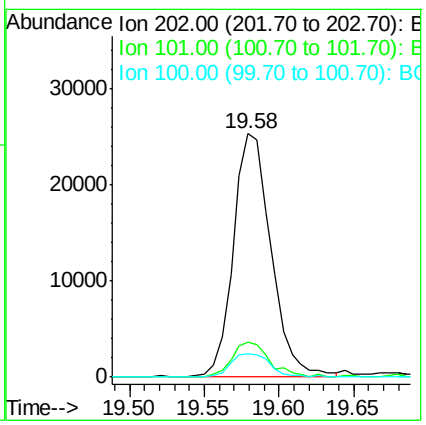


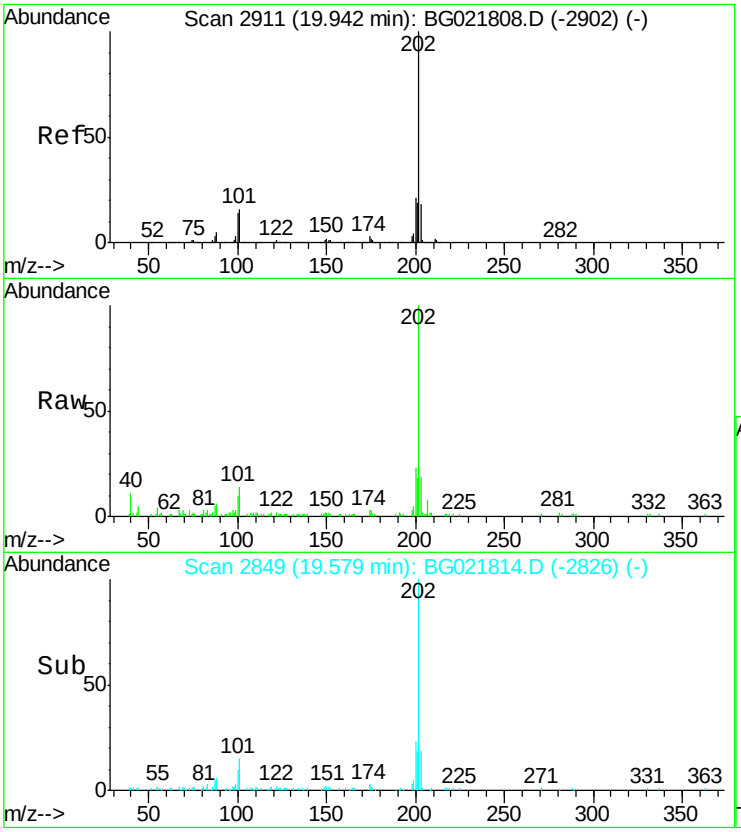


#75
Fluoranthene
Concen: 1.76 ng/ul
RT: 19.58 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion:202 Resp: 44461

Ion	Ratio	Lower	Upper
202	100		
101	14.5	8.9	13.3#
100	9.6	7.0	10.4



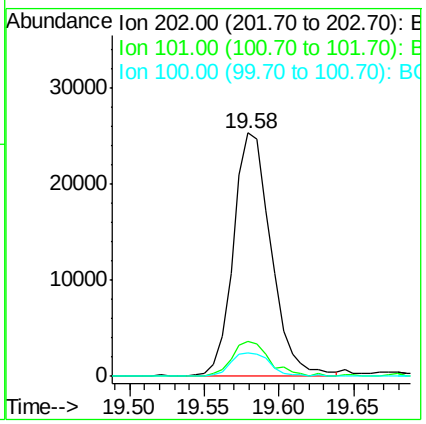


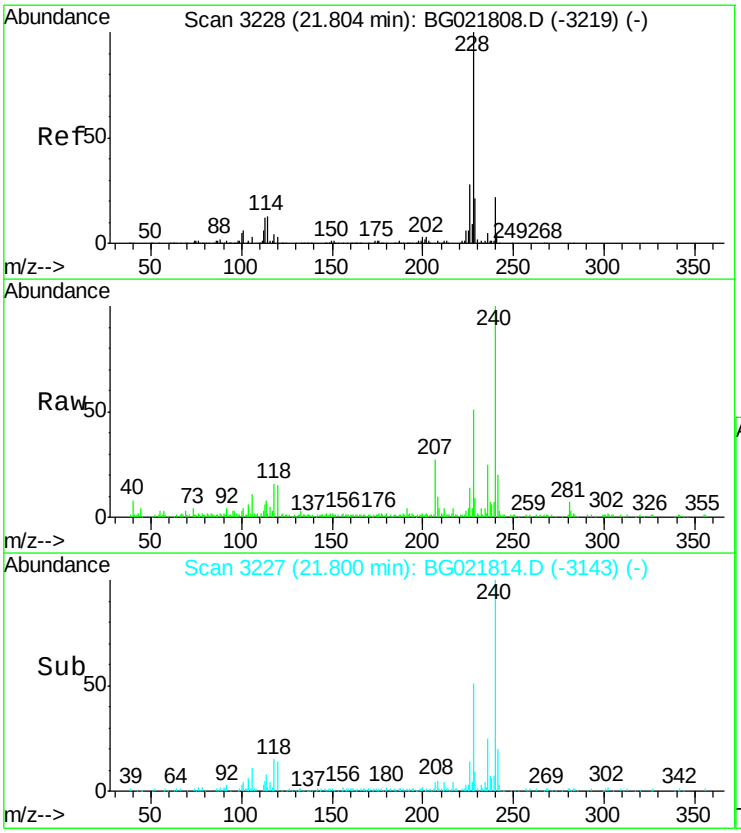
#78
Pyrene
Concen: 1.88 ng/ul
RT: 19.58 min Scan# 2849
Delta R.T. -0.36 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tgt Ion:202 Resp: 44461

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.8	14.8
100	9.6	9.3	13.9

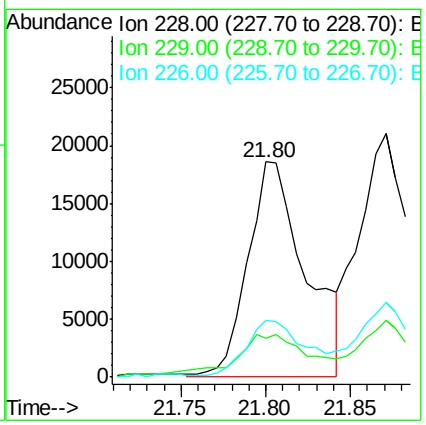


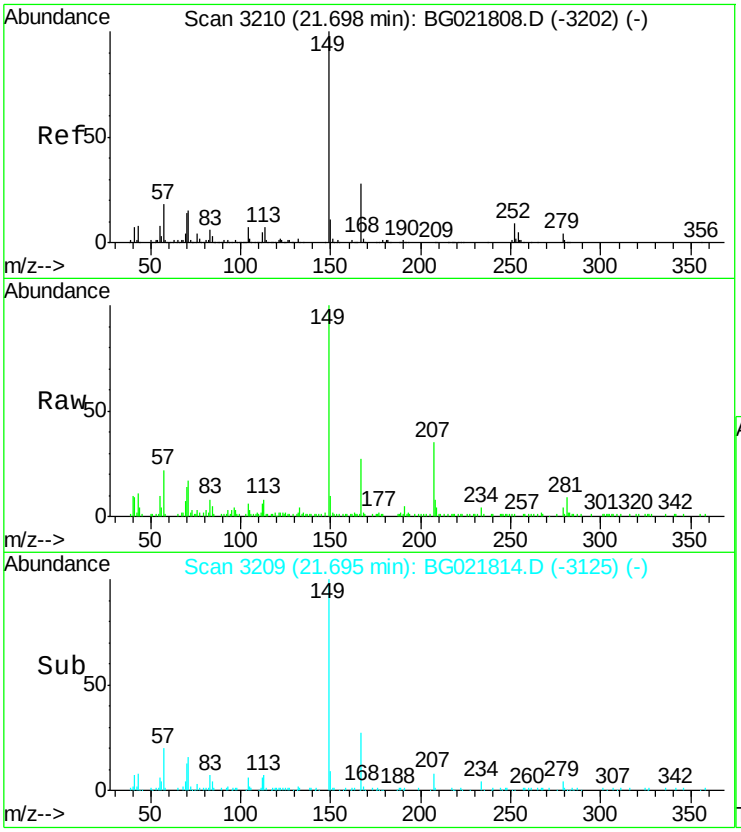


#81
Benzo(a)anthracene
Concen: 1.94 ng/ul
RT: 21.80 min Scan# 3227
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion:228 Resp: 44042

Ion	Ratio	Lower	Upper
228	100		
229	18.1	16.6	25.0
226	26.6	21.0	31.4



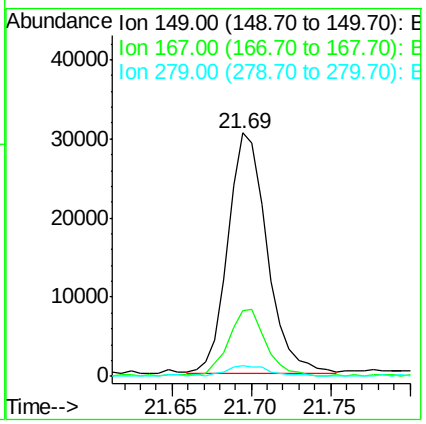


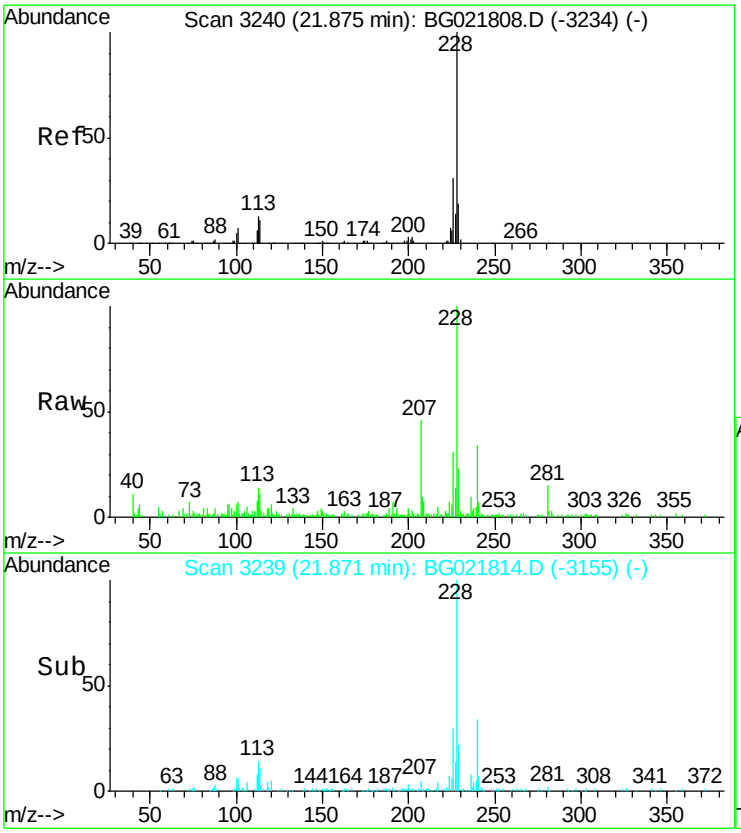
#82
Bis(2-ethylhexyl)phthalate
Concen: 6.10 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tgt Ion:149 Resp: 51920

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.5	30.7
279	4.4	3.7	5.5

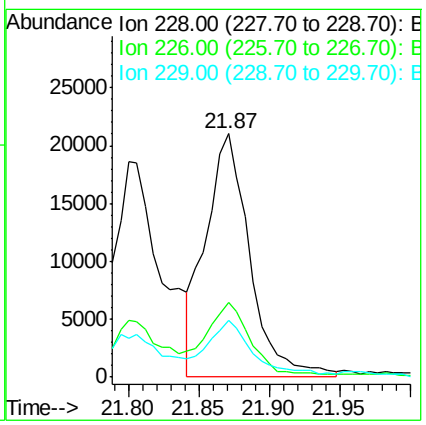


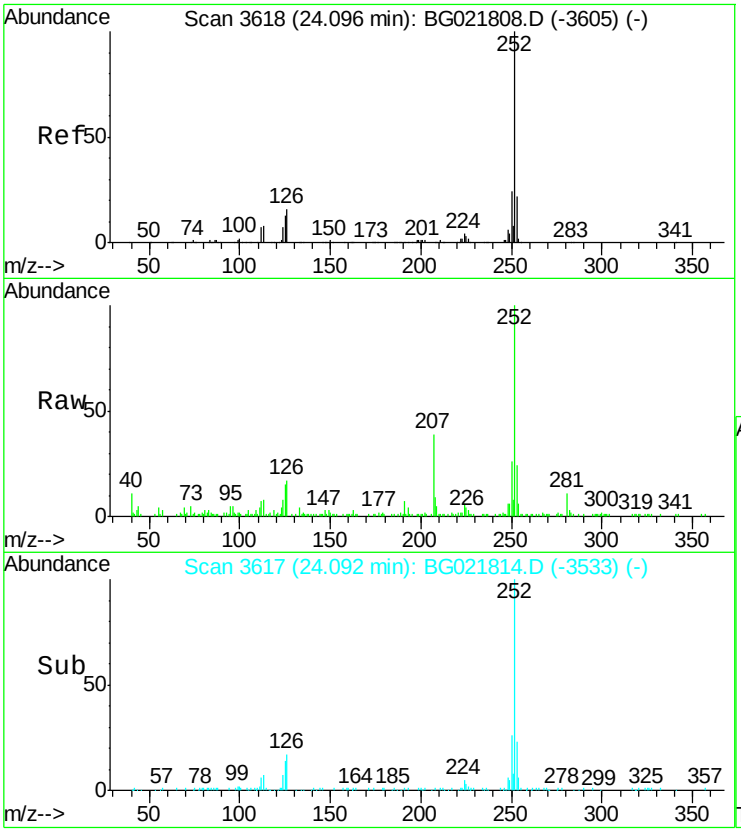


#83
Chrysene
Concen: 2.04 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion:228 Resp: 45789

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	23.1	16.2	24.2



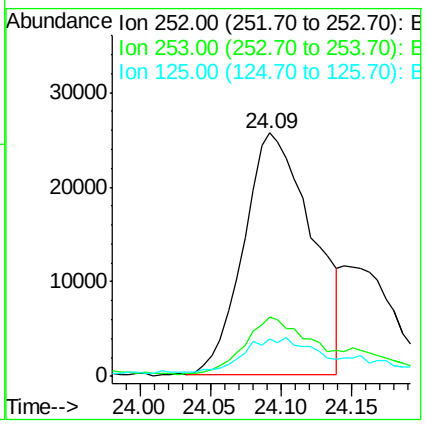


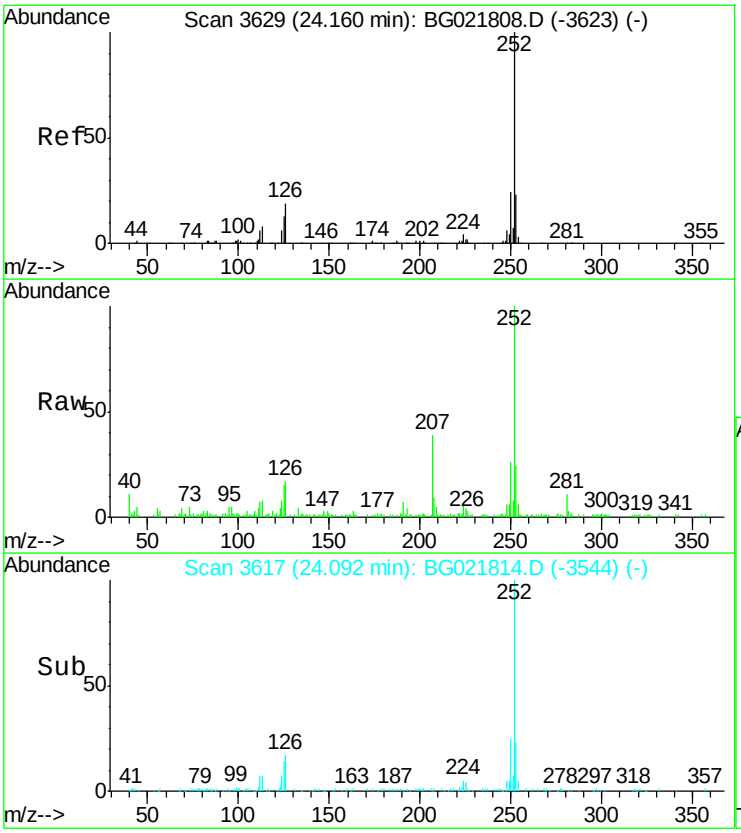
#86
Benzo(b)fluoranthene
Concen: 3.83 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tgt Ion:252 Resp: 86754

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	15.5	7.6	11.4#

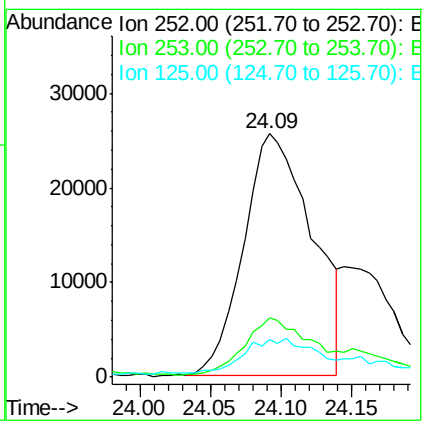


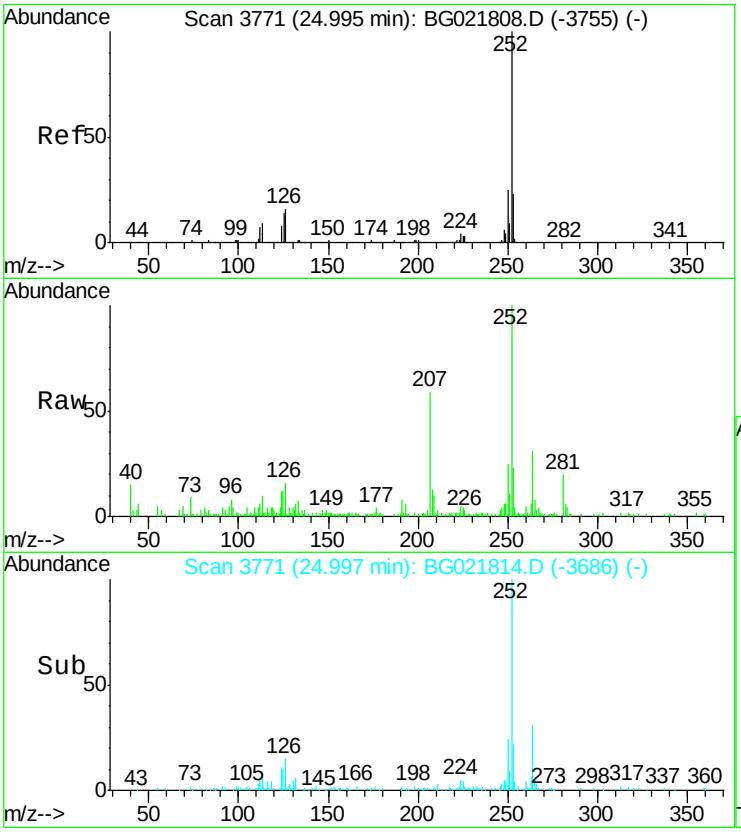


#87
Benzo(k)fluoranthene
Concen: 3.58 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. -0.07 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion:252 Resp: 86754

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	15.5	7.7	11.5#



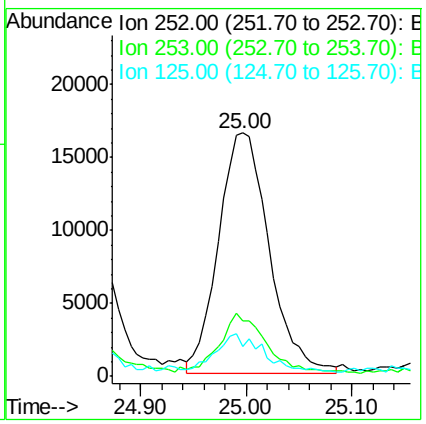


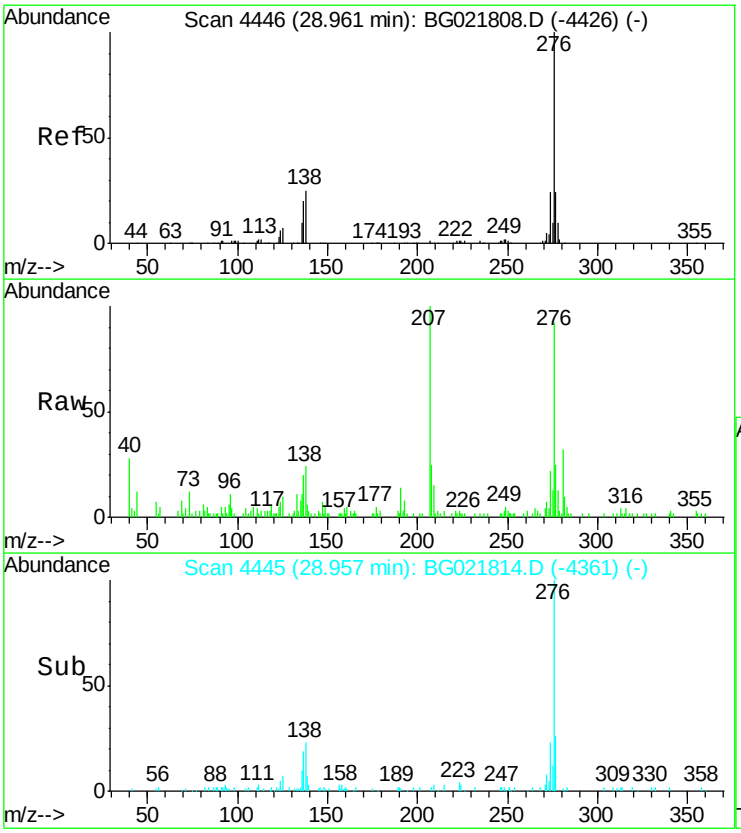
#89
Benzo(a)pyrene
Concen: 2.44 ng/ul
RT: 25.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tgt Ion:252 Resp: 54931

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.5	8.2	12.2#





#90
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 28.96 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion:276 Resp: 47812

Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.8	23.6#
277	26.9	19.0	28.6