Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YA903

Quant Time: Dec 07 02:40:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	103698	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	444006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	378883	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	1226858	20.00	ng/ul	0.10
75) Chrysene-d12	22.08	240	1192	20.00	ng/ul	0.18
83) Perylene-d12	25.47	264	1204	20.00	ng/ul	0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	3005	1.50	ng/uL	0.00
5) Phenol-d5	7.38	99	56225	6.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	161865	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	145011	23.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	111927	14.97	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	100325	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	116294	29.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	200162	26.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	18114	2.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	839943	32.23	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	914685	32.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	26723	5.97	ng/ul	0.00
57) Fluorene-d10	15.85	176	773069	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	804	0.11	ng/ul	0.10
70) Anthracene-d10	17.70	188	1230376	23.76	ng/ul	0.00
76) Pyrene-d10	19.97	212	1579760	32176.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1533014	31424.20	ng/ul	0.00
Target Compounds						Qvalue
77) Pyrene	20.18	202	60	1.05	ng/ul#	1
78) Butylbenzylphthalate	21.02	149	652	29.06	ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.85	252	146	7.03	ng/ul#	26
80) Benzo(a)anthracene	22.07	228	66	1.07	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.91	149	681	22.05	ng/ul#	81
82) Chrysene	22.15	228	94	1.62	ng/ul#	19
84) Di-n-octyl phthalate	23.15	149	444	9.08	ng/ul	100
85) Benzo(b)fluoranthene	24.38	252	171	2.86	ng/ul#	31
86) Benzo(k)fluoranthene	24.44	252	428	7.54	ng/ul#	58
88) Benzo(a)pyrene	25.29	252	1708	29.75	ng/ul#	64
90) Dibenzo(a,h)anthracene	29.45	278	130	2.16	ng/ul#	56
91) Benzo(g,h,i)perylene	30.60	276	81	1.36	ng/ul#	60

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024986.D
Acq On : 6 Dec 2016 19:04
Operator : UM/SJ
Sample : H5733-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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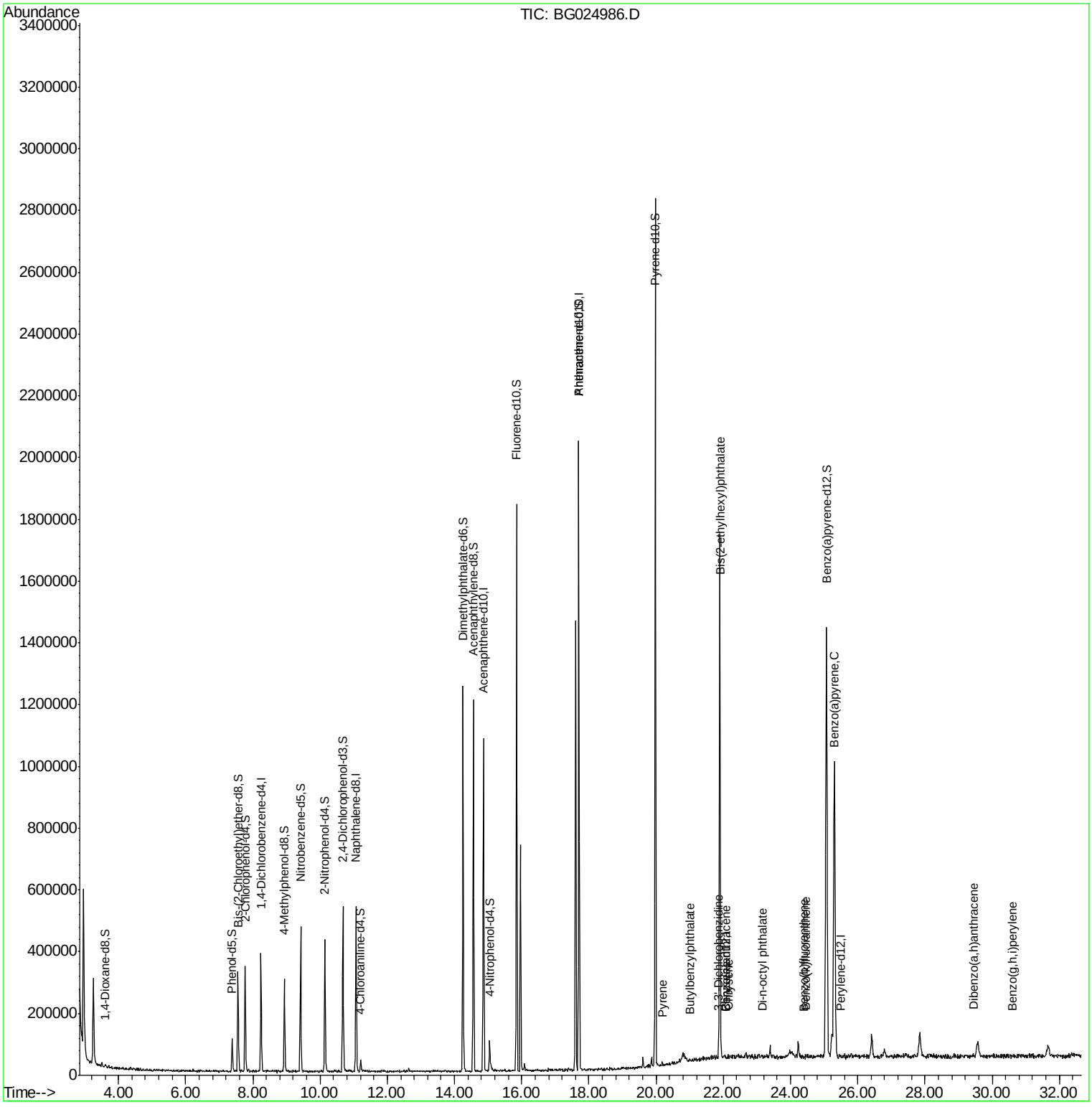
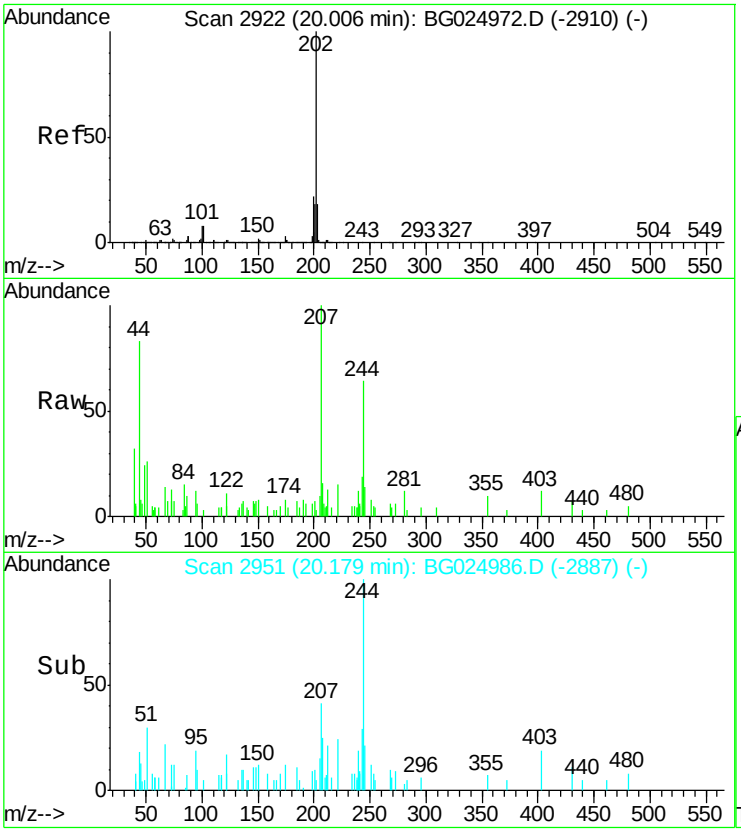
Quant Time: Dec 07 02:40:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 02:35:14 2016
Response via : Initial Calibration



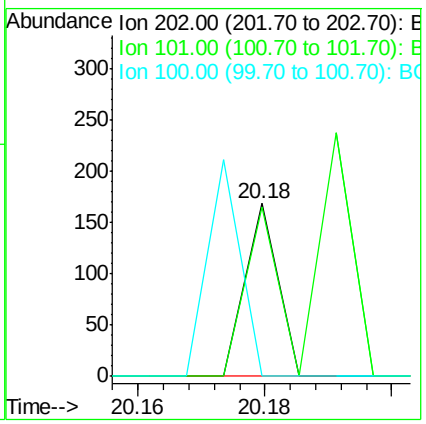


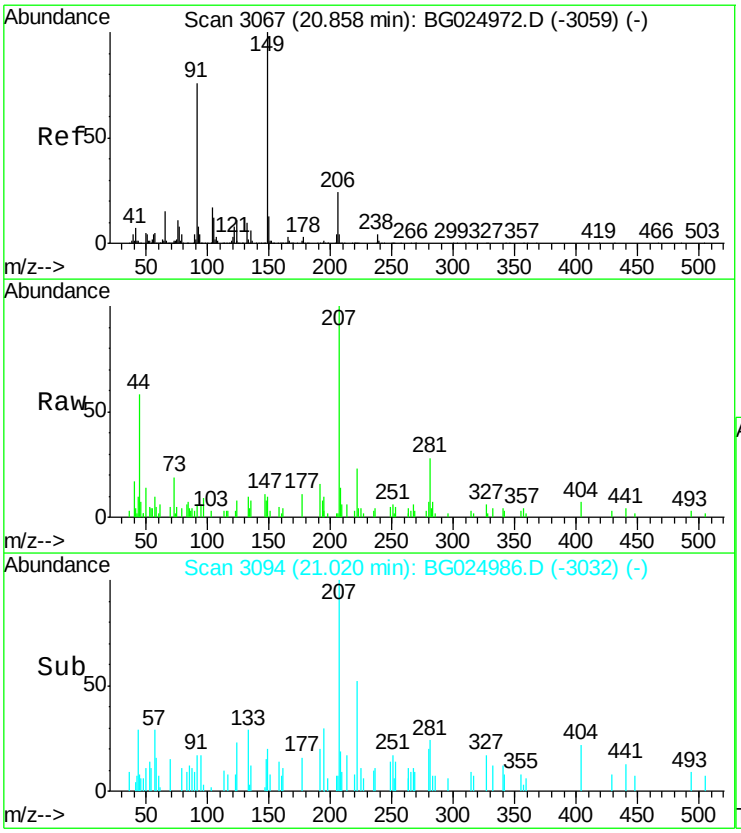
#77
Pyrene
Concen: 1.05 ng/ul
RT: 20.18 min Scan# 2951
Delta R.T. 0.17 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Instrument :
BNA_G
ClientSampleId :
YA903

Tgt Ion:202 Resp: 60

Ion	Ratio	Lower	Upper
202	100		
101	97.6	6.9	10.3#
100	0.0	6.6	10.0#

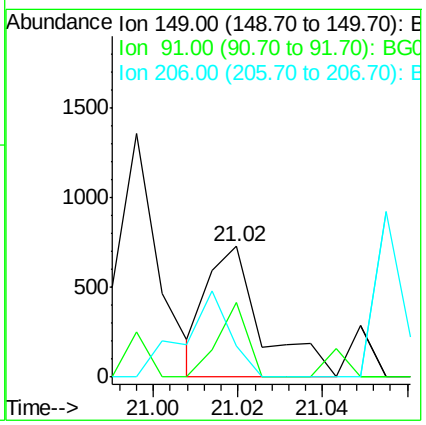


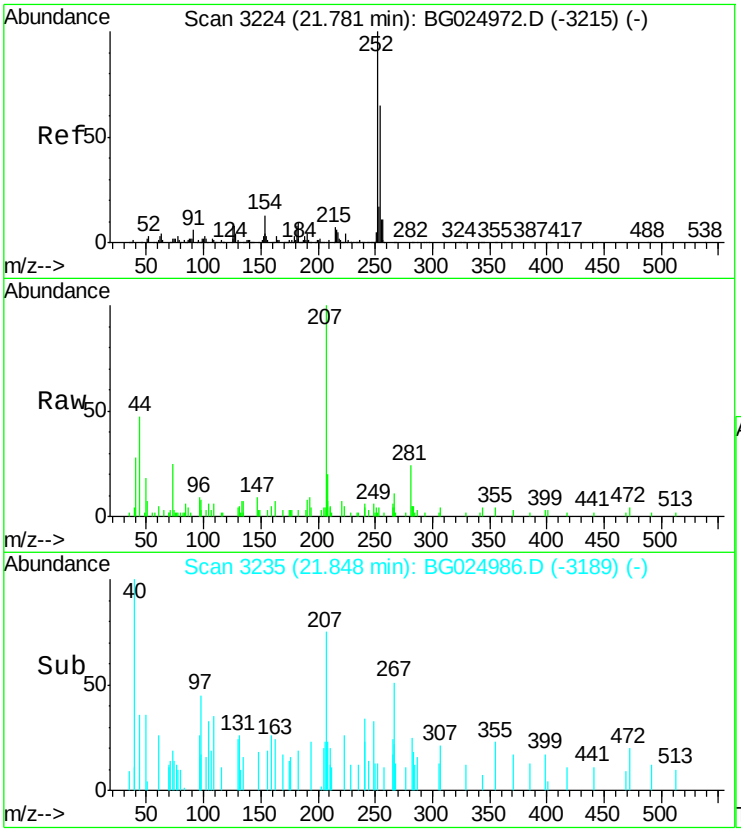


#78
Butylbenzylphthalate
Concen: 29.06 ng/ul
RT: 21.02 min Scan# 3094
Delta R.T. 0.16 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Tgt Ion:149 Resp: 652

Ion	Ratio	Lower	Upper
149	100		
91	57.4	65.8	98.6#
206	23.9	20.1	30.1



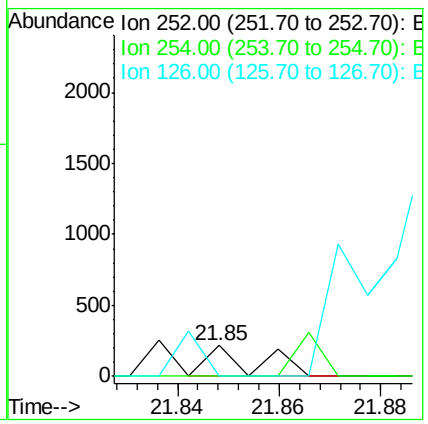


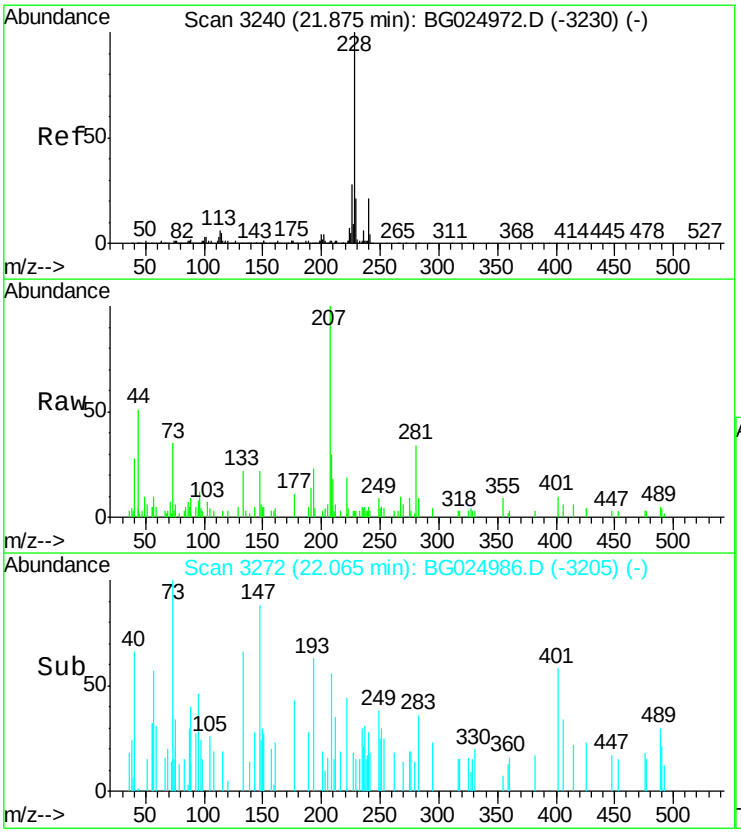
#79
3,3'-Dichlorobenzidine
Concen: 7.03 ng/ul
RT: 21.85 min Scan# 3235
Delta R.T. 0.07 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Instrument :
BNA_G
ClientSampleId :
YA903

Tgt Ion:252 Resp: 146

Ion	Ratio	Lower	Upper
252	100		
254	0.0	49.0	73.6#
126	0.0	5.1	7.7#

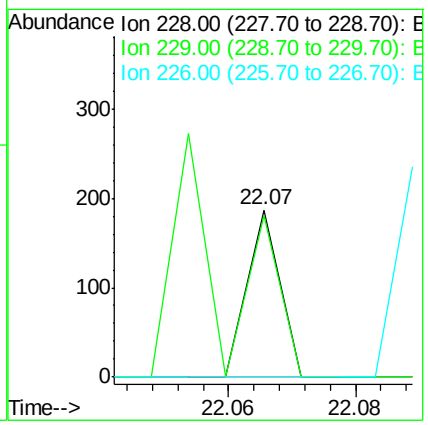


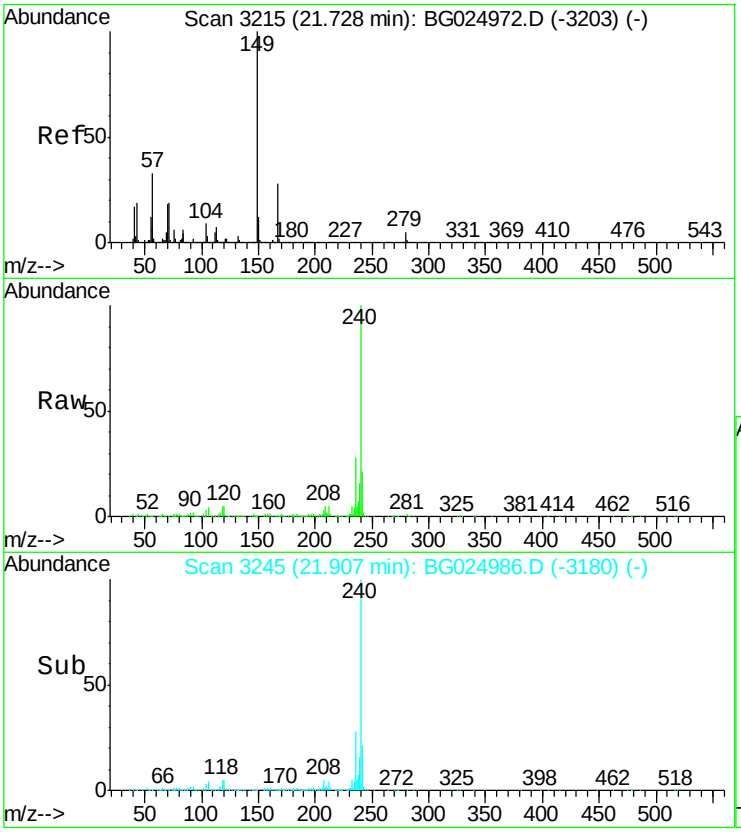


#80
Benzo(a)anthracene
Concen: 1.07 ng/ul
RT: 22.07 min Scan# 3272
Delta R.T. 0.19 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Tgt Ion:228 Resp: 66

Ion	Ratio	Lower	Upper
228	100		
229	96.8	16.3	24.5#
226	0.0	21.9	32.9#



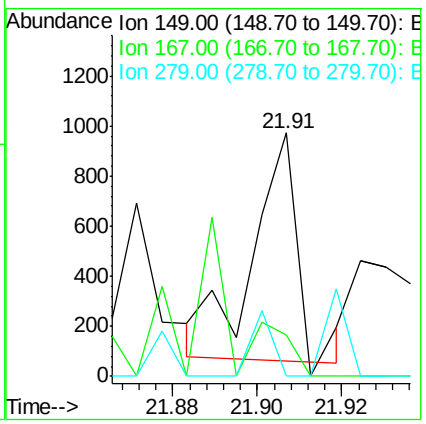


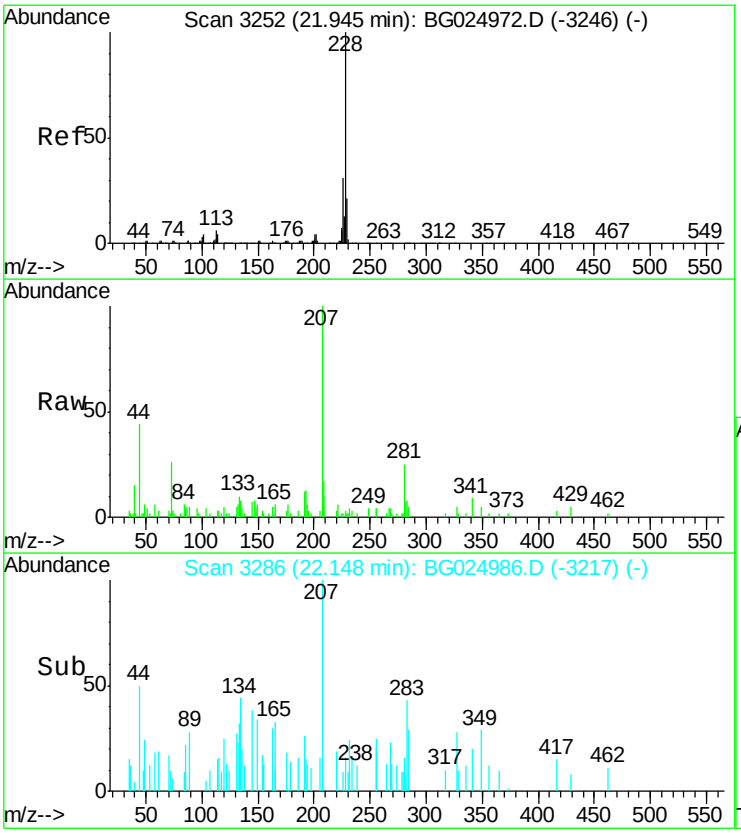
#81
Bis(2-ethylhexyl)phthalate
Concen: 22.05 ng/ul
RT: 21.91 min Scan# 3245
Delta R.T. 0.18 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Instrument :
BNA_G
ClientSampleId :
YA903

Tgt Ion:149 Resp: 681

Ion	Ratio	Lower	Upper
149	100		
167	17.0	21.8	32.8#
279	0.0	4.5	6.7#

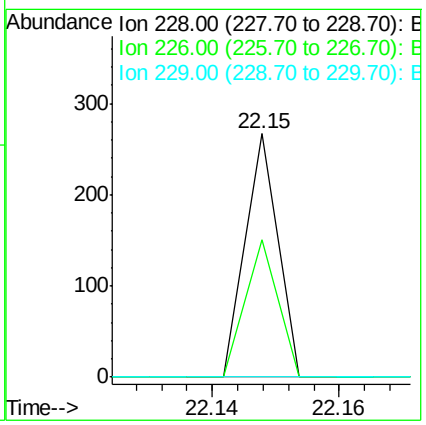


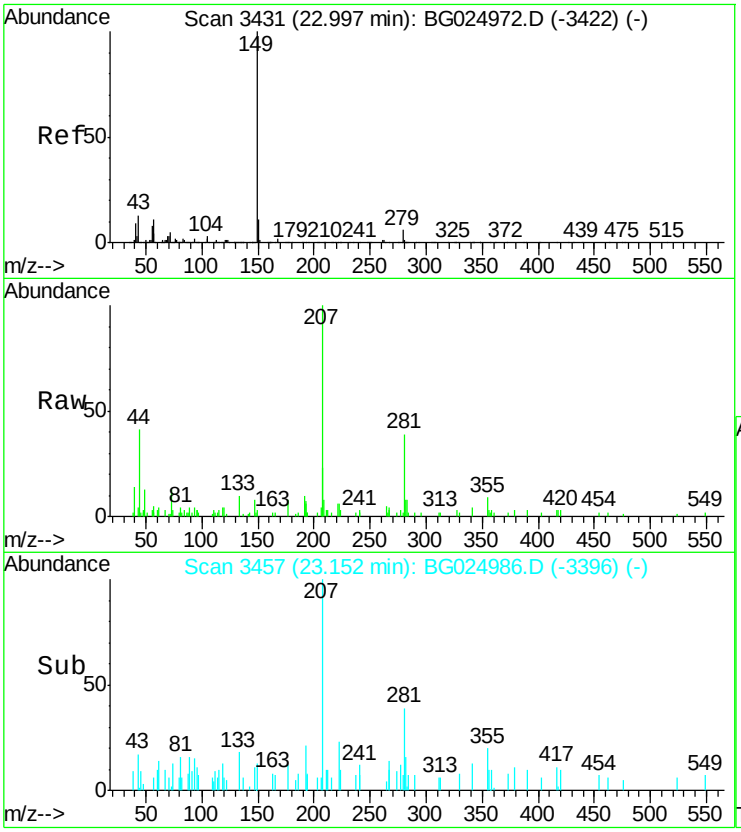


#82
Chrysene
Concen: 1.62 ng/ul
RT: 22.15 min Scan# 3286
Delta R.T. 0.20 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Tgt Ion:228 Resp: 94

Ion	Ratio	Lower	Upper
228	100		
226	56.6	24.0	36.0#
229	80.1	16.9	25.3#

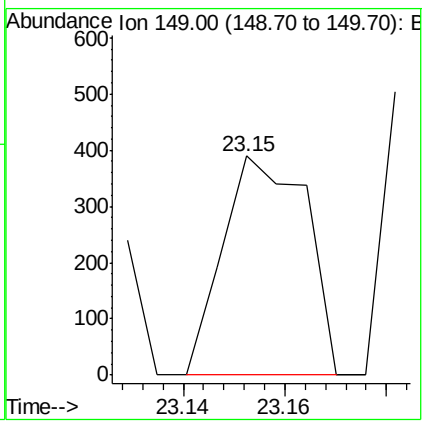


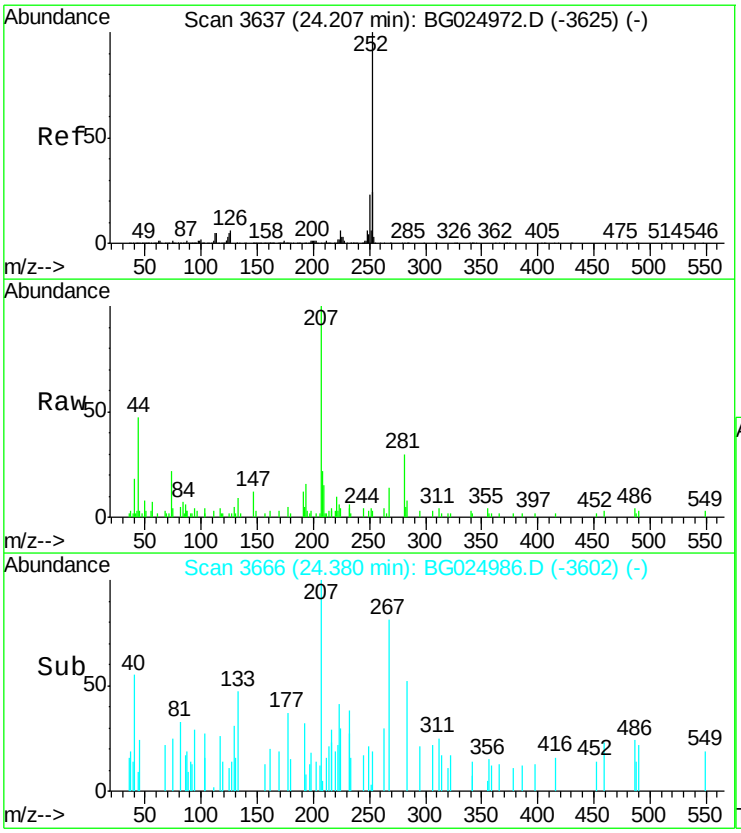


#84
Di-n-octyl phthalate
Concen: 9.08 ng/ul
RT: 23.15 min Scan# 3457
Delta R.T. 0.16 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Instrument :
BNA_G
ClientSampleId :
YA903

Tgt Ion:149 Resp: 444

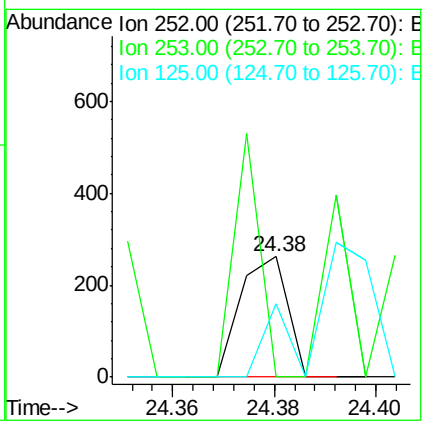


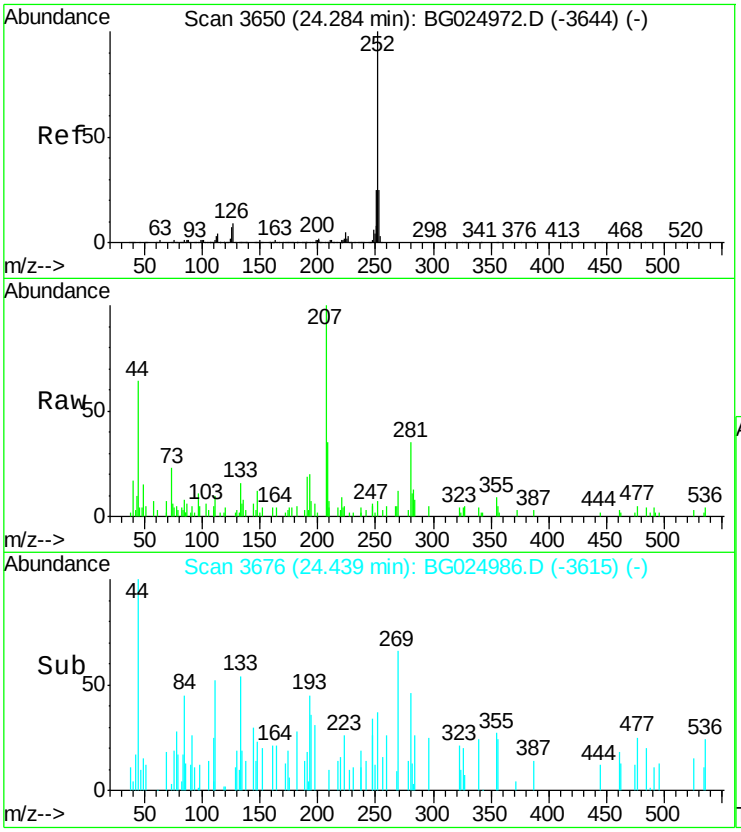


#85
Benzo(b)fluoranthene
Concen: 2.86 ng/ul
RT: 24.38 min Scan# 3666
Delta R.T. 0.17 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Tgt Ion:252 Resp: 171

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	60.7	4.0	6.0#



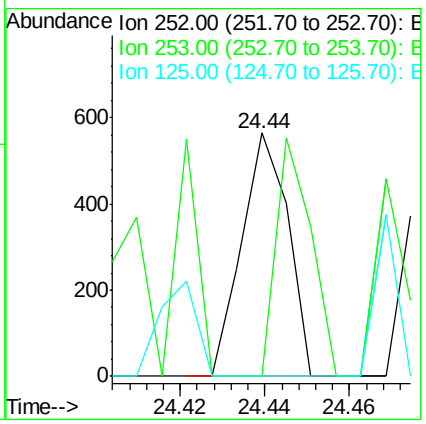


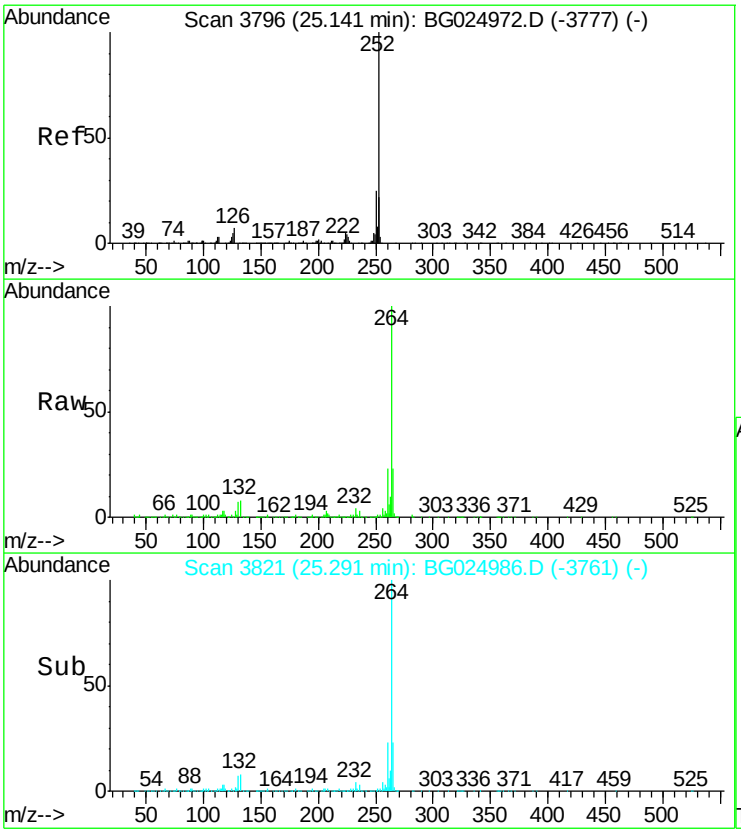
#86
Benzo(k)fluoranthene
Concen: 7.54 ng/ul
RT: 24.44 min Scan# 3676
Delta R.T. 0.16 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Instrument :
BNA_G
ClientSampleId :
YA903

Tgt Ion:252 Resp: 428

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.5	27.7#
125	0.0	4.1	6.1#

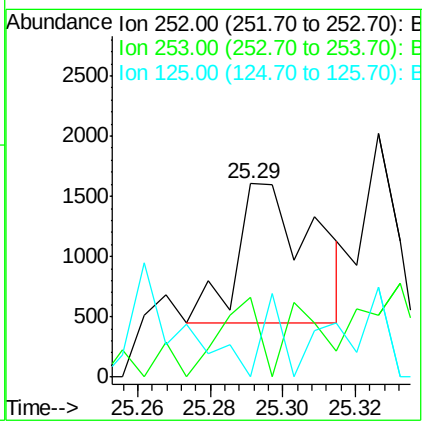


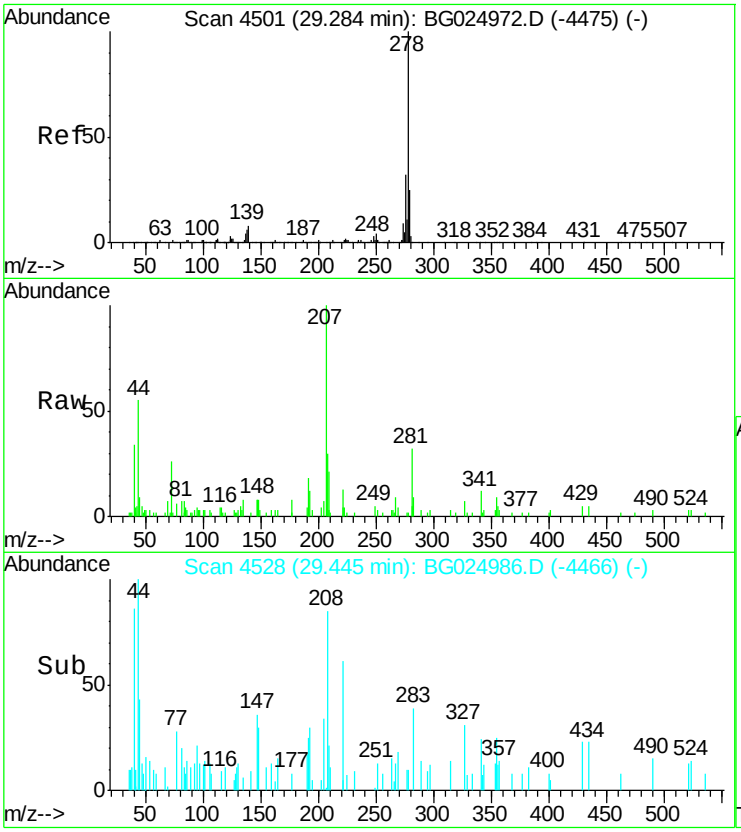


#88
Benzo(a)pyrene
Concen: 29.75 ng/ul
RT: 25.29 min Scan# 3821
Delta R.T. 0.15 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Tgt Ion:252 Resp: 1708

Ion	Ratio	Lower	Upper
252	100		
253	41.5	17.8	26.6#
125	0.0	5.4	8.0#



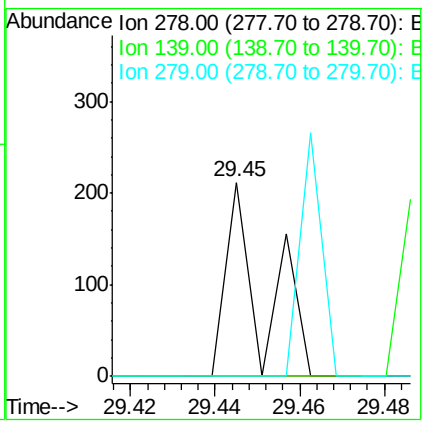


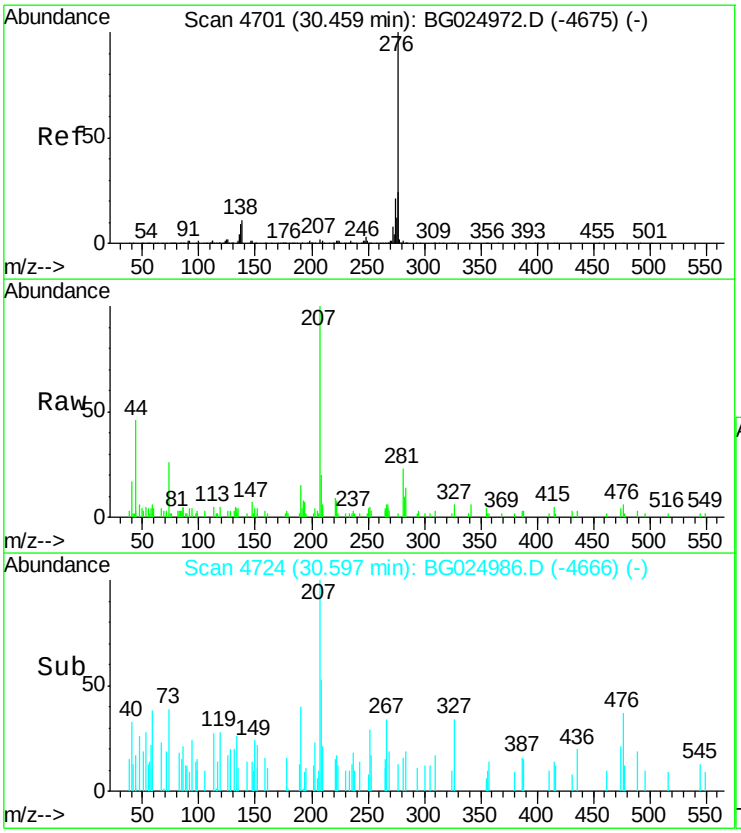
#90
Dibenzo(a,h)anthracene
Concen: 2.16 ng/ul
RT: 29.45 min Scan# 4528
Delta R.T. 0.16 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Instrument :
BNA_G
ClientSampleId :
YA903

Tgt Ion:278 Resp: 130

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.7	10.1#
279	0.0	20.9	31.3#





#91
Benzo(g,h,i)perylene
Concen: 1.36 ng/ul
RT: 30.60 min Scan# 4724
Delta R.T. 0.14 min
Lab File: BG024986.D
Acq: 6 Dec 2016 19:04

Tgt Ion:276 Resp: 81

Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.6	12.8#
277	0.0	17.6	26.4#