Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
Data File : BG022840.D
Acq On : 3 Jul 2016 22:32
Operator : UM/SJ
Sample : H3844-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 04 04:20:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 04:18:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	143864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	656378	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	514387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1789266	20.00	ng/ul	0.10
75) Chrysene-d12	22.05	240	1470	20.00	ng/ul	0.20
83) Perylene-d12	25.48	264	1869	20.00	ng/ul	0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	682	0.26	ng/uL	0.00
5) Phenol-d5	7.30	99	101441	6.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	236202	27.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	218808	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	180371	15.34	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	139537	26.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	164817	26.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	317507	24.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	19127	1.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1195363	28.60	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1351192	28.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	50287	7.66	ng/ul	0.00
57) Fluorene-d10	15.79	176	1183298	29.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	507	0.04	ng/ul	0.10
70) Anthracene-d10	17.65	188	1789266	21.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	2091000	29775.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.23	264	1329569	14973.43	ng/ul	0.24
Target Compounds						Qvalue
77) Pyrene	20.14	202	139	1.69	ng/ul#	1
78) Butylbenzylphthalate	21.03	149	346	10.84	ng/ul#	63
79) 3,3'-Dichlorobenzidine	21.95	252	130	4.67	ng/ul#	26
80) Benzo(a)anthracene	22.03	228	332	3.85	ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	21.93	149	554	13.45	ng/ul#	52
82) Chrysene	22.08	228	87	1.11	ng/ul#	50
84) Di-n-octyl phthalate	23.22	149	388	4.71	ng/ul	100
86) Benzo(k)fluoranthene	24.44	252	124	1.13	ng/ul#	1
88) Benzo(a)pyrene	25.32	252	144	1.30	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	29.38	276	140	1.19	ng/ul#	51
90) Dibenzo(a,h)anthracene	29.36	278	193	1.99	ng/ul#	54
91) Benzo(g,h,i)perylene	30.72	276	190	2.07	ng/ul#	51

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 04 04:20:00 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 04:18:08 2016
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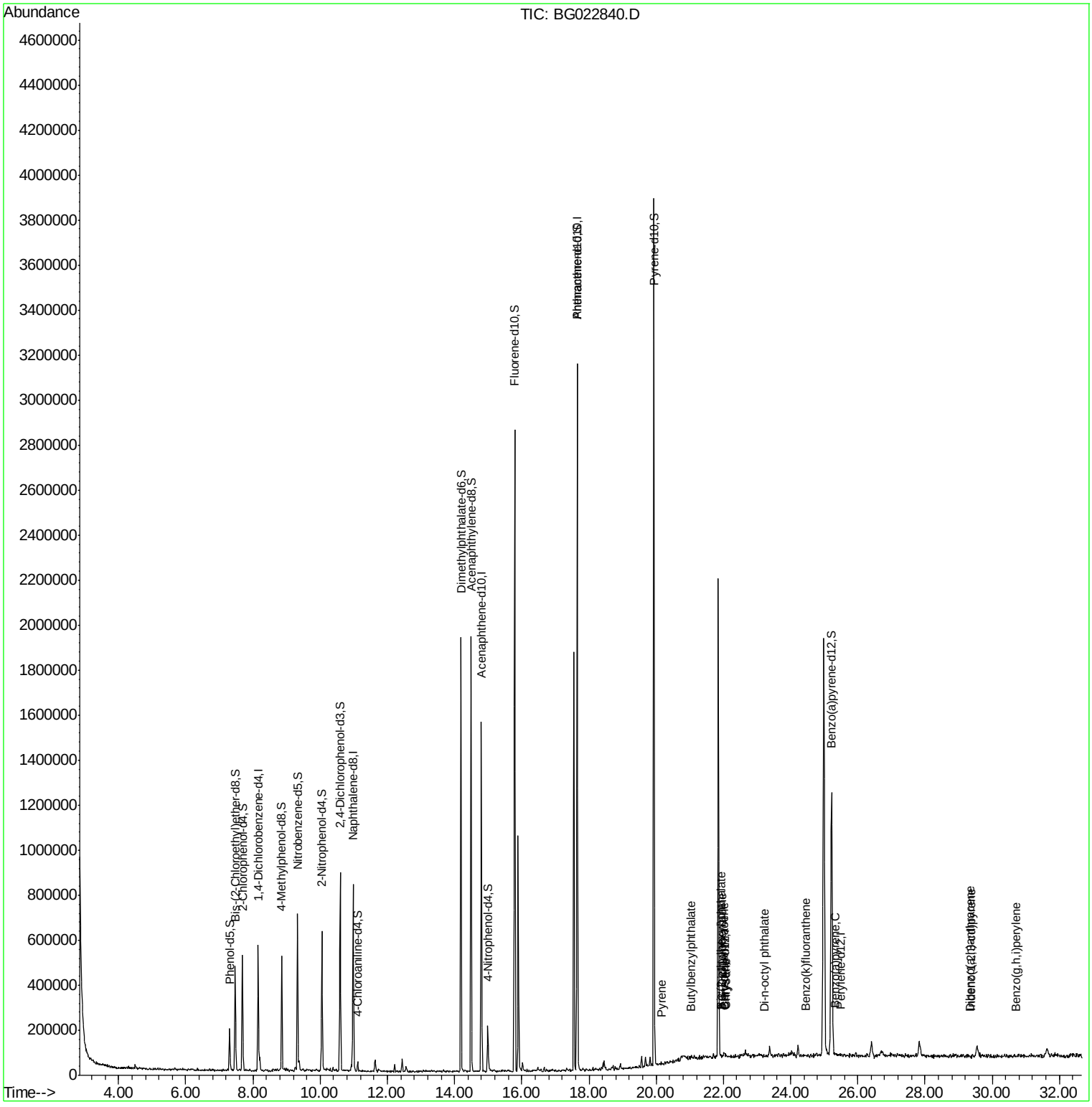
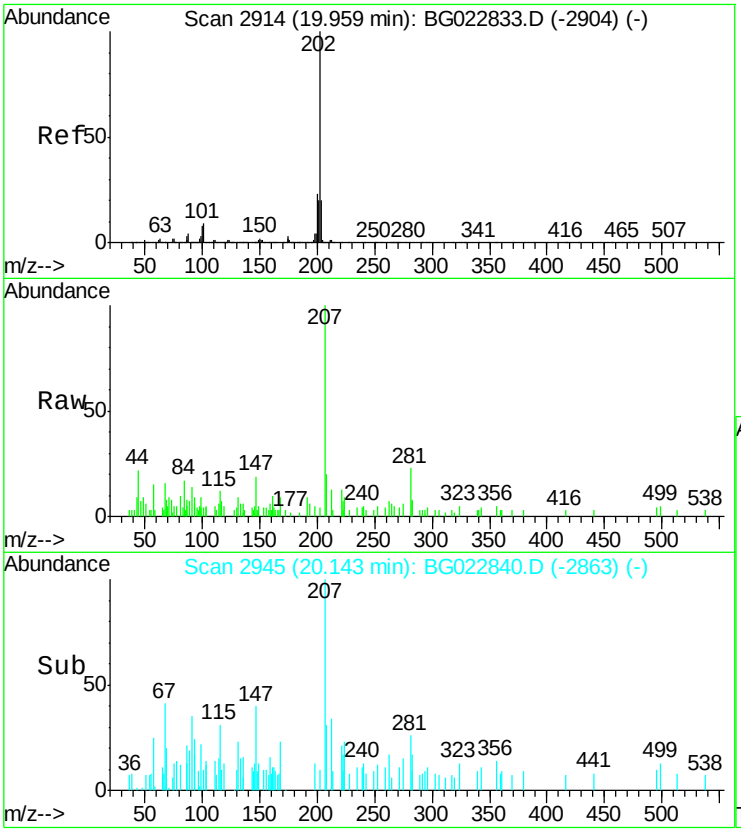


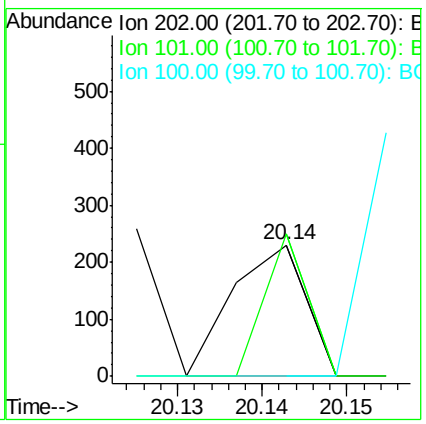


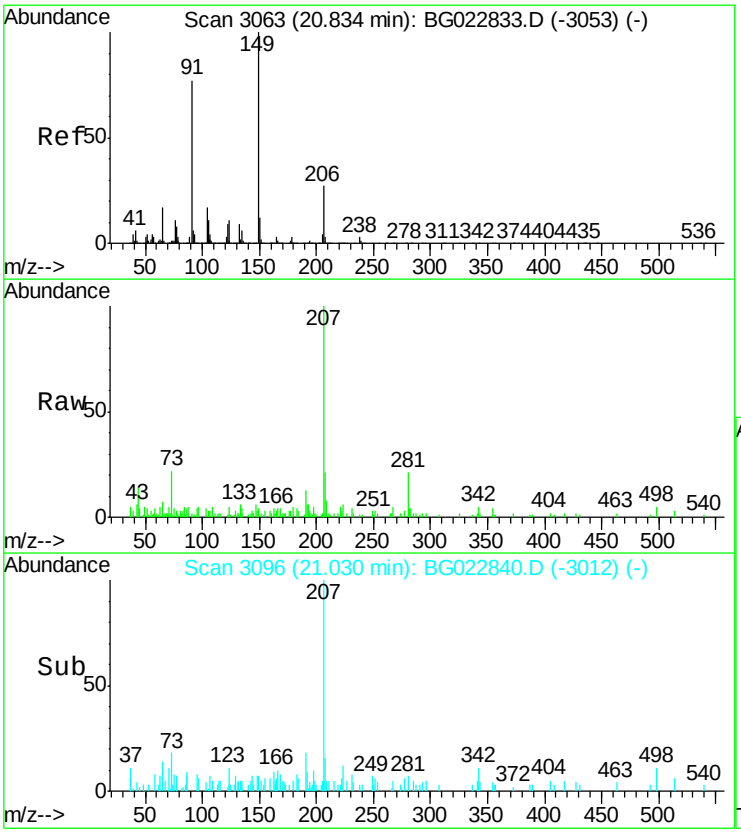
#77
Pyrene
Concen: 1.69 ng/ul
RT: 20.14 min Scan# 2945
Delta R.T. 0.18 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 139

Ion	Ratio	Lower	Upper
202	100		
101	108.7	12.5	18.7#
100	108.7	10.2	15.4#

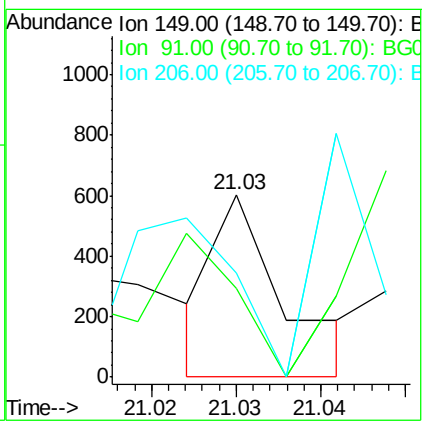


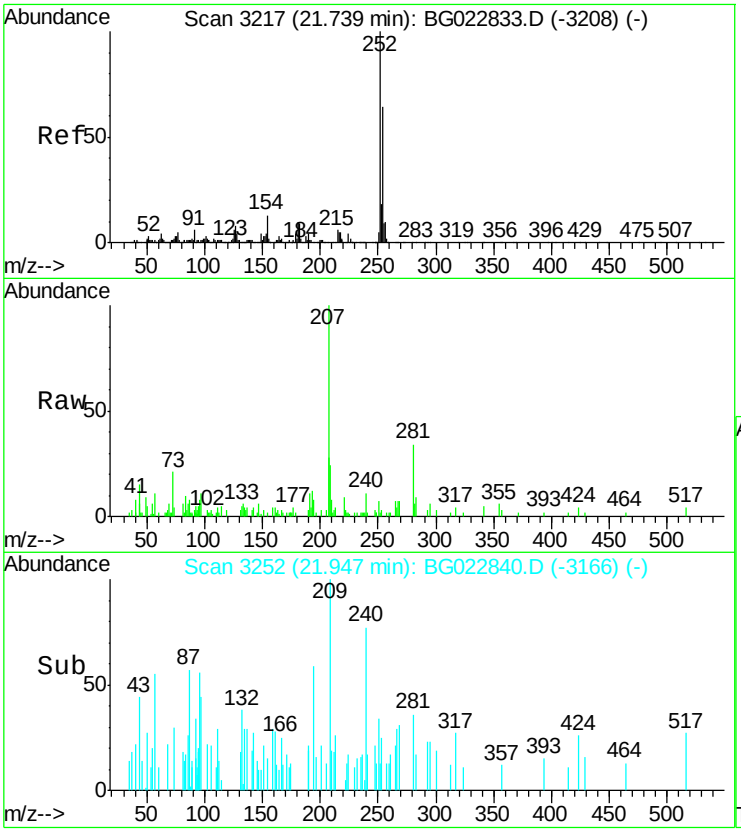


#78
Butylbenzylphthalate
Concen: 10.84 ng/ul
RT: 21.03 min Scan# 3096
Delta R.T. 0.20 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Tgt Ion:149 Resp: 346

Ion	Ratio	Lower	Upper
149	100		
91	48.8	54.2	81.4#
206	57.3	14.1	21.1#



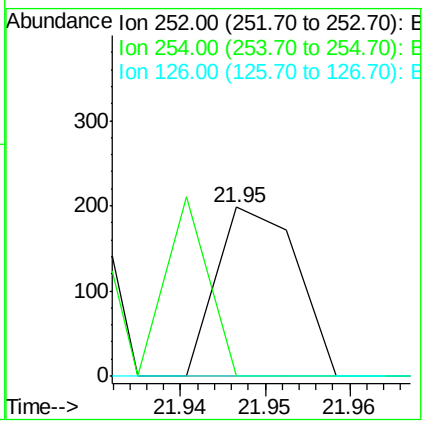


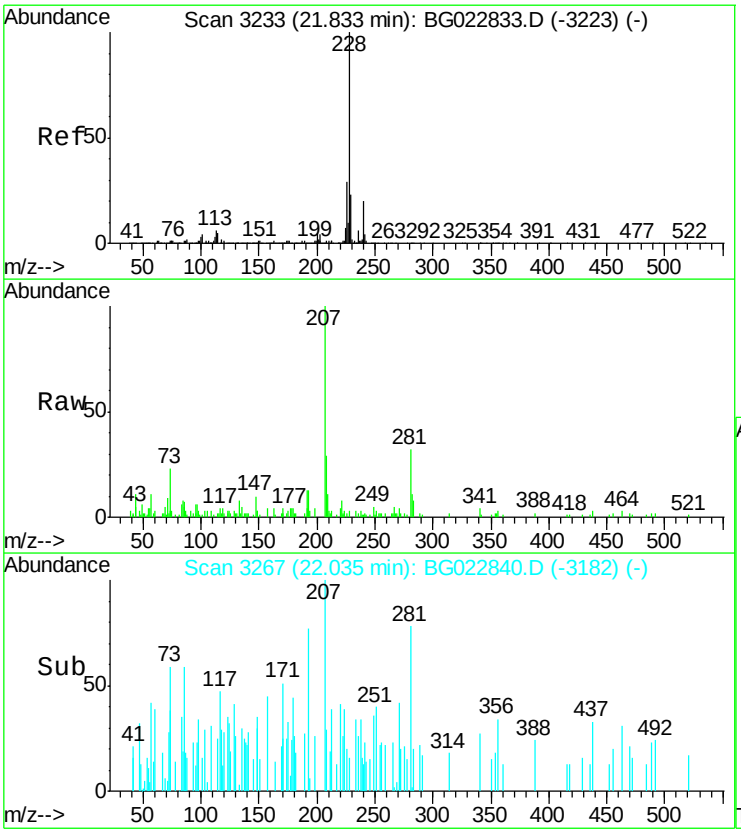
#79
3,3'-Dichlorobenzidine
Concen: 4.67 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.21 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 130

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	10.7	16.1#

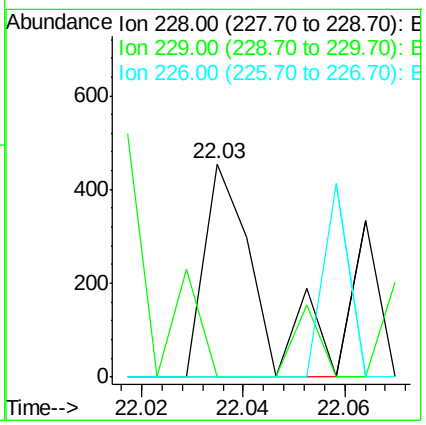


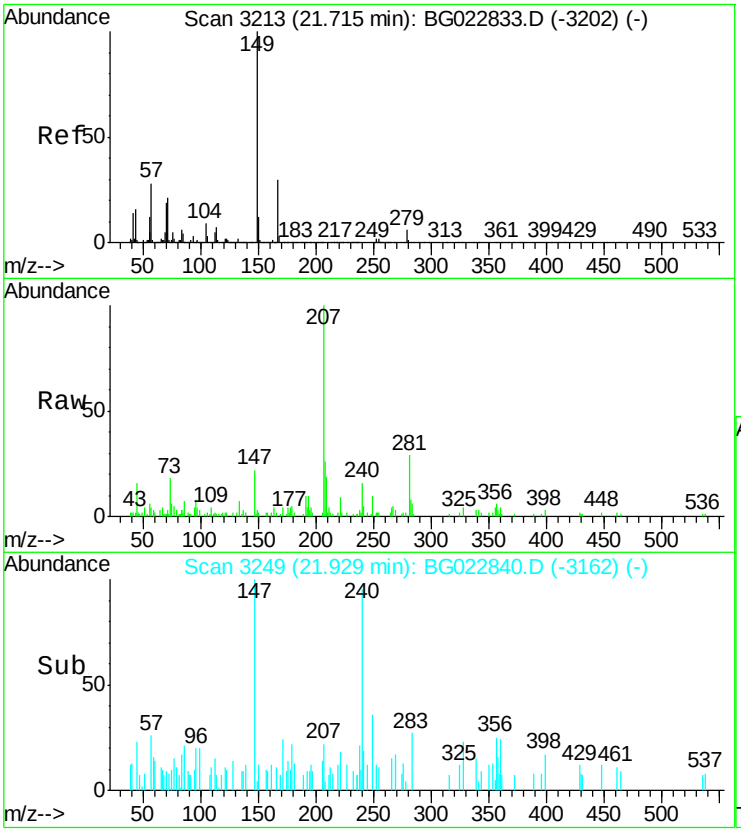


#80
Benzo(a)anthracene
Concen: 3.85 ng/ul
RT: 22.03 min Scan# 3267
Delta R.T. 0.20 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Tgt Ion:228 Resp: 332

Ion	Ratio	Lower	Upper
228	100		
229	0.0	15.4	23.2#
226	0.0	22.8	34.2#



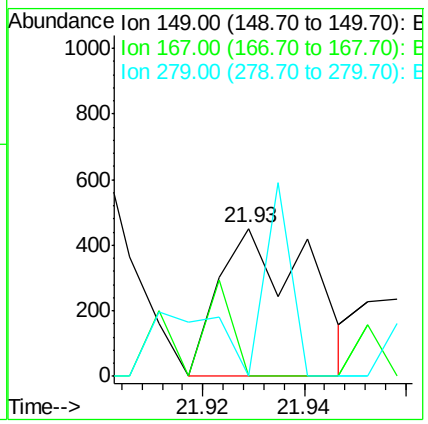


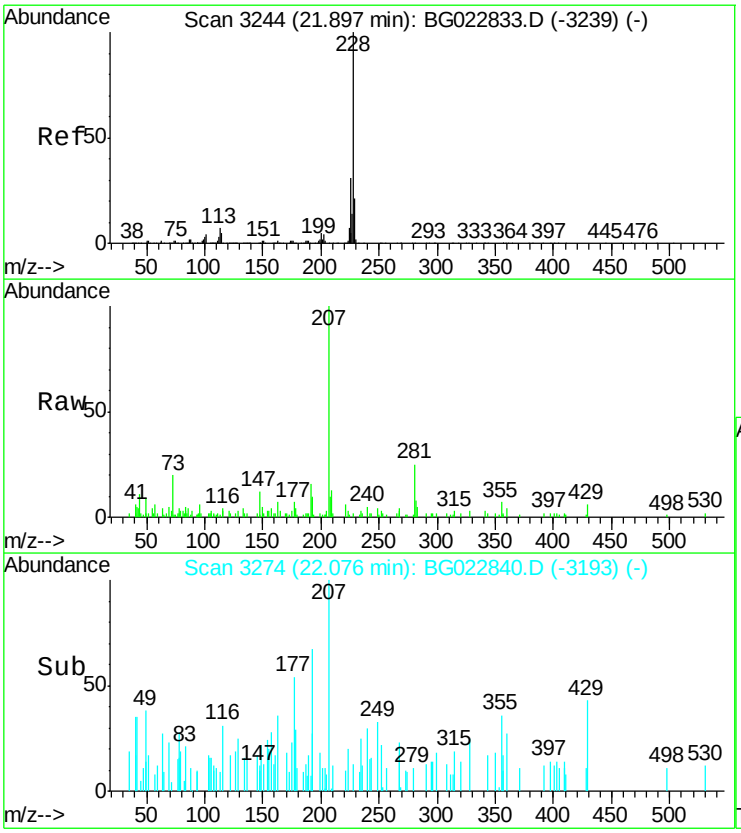
#81
Bis(2-ethylhexyl)phthalate
Concen: 13.45 ng/ul
RT: 21.93 min Scan# 3249
Delta R.T. 0.21 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 554

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	2.9	4.3#

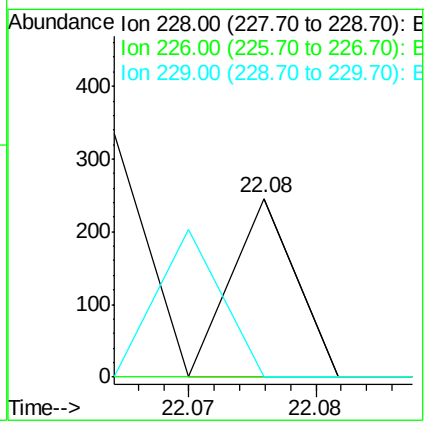


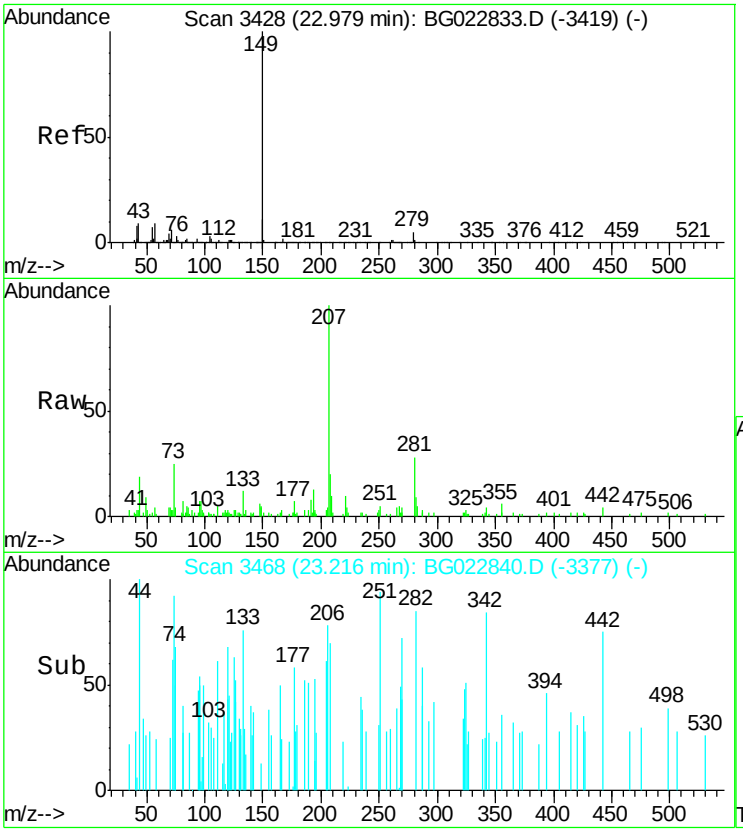


#82
Chrysene
Concen: 1.11 ng/ul
RT: 22.08 min Scan# 3274
Delta R.T. 0.18 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Tgt Ion:228 Resp: 87

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.4#
229	0.0	15.0	22.6#

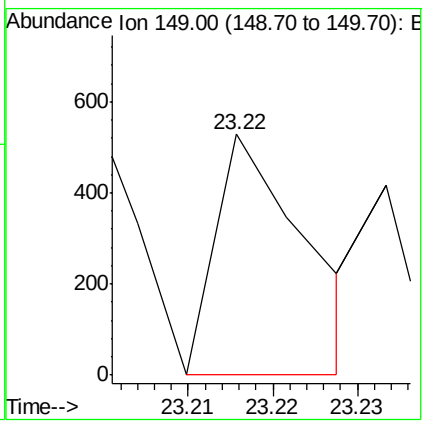


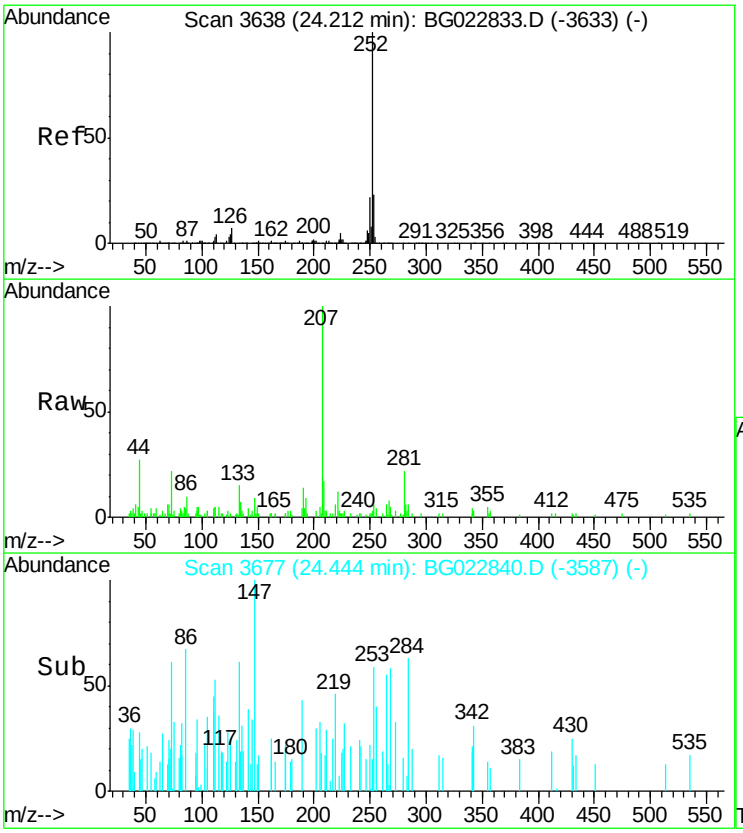


#84
Di-n-octyl phthalate
Concen: 4.71 ng/ul
RT: 23.22 min Scan# 3468
Delta R.T. 0.24 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 388

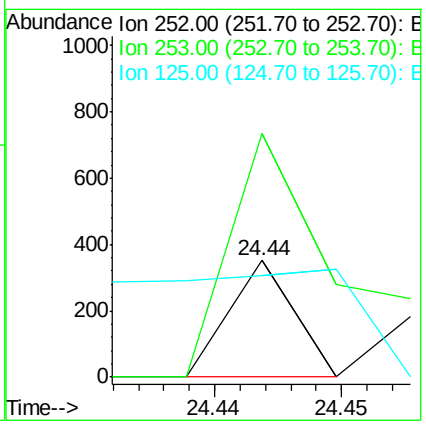


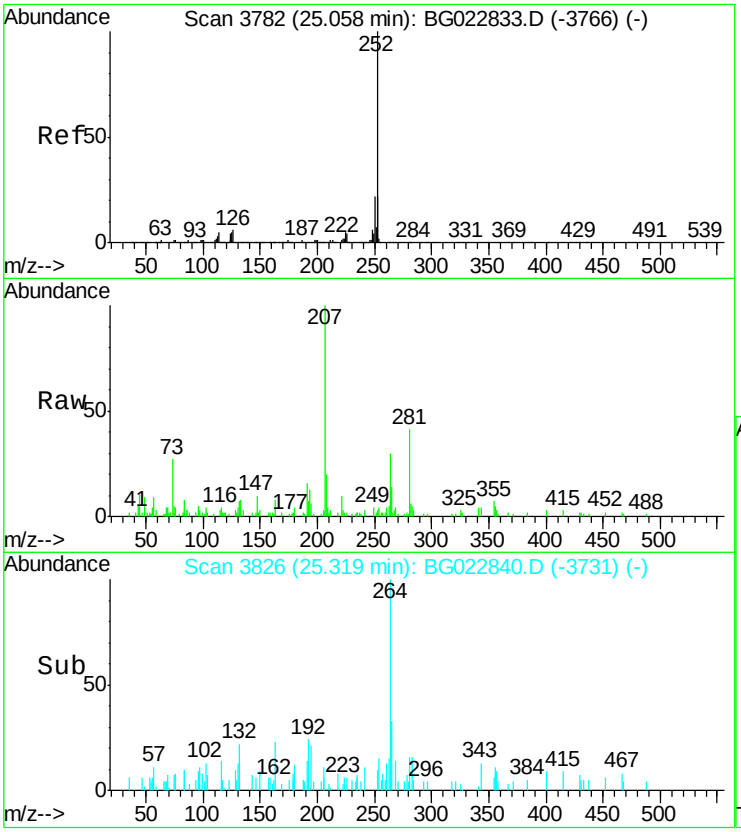


#86
Benzo(k)fluoranthene
Concen: 1.13 ng/ul
RT: 24.44 min Scan# 3677
Delta R.T. 0.23 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Tgt Ion:252 Resp: 124

Ion	Ratio	Lower	Upper
252	100		
253	209.1	15.8	23.6#
125	86.9	10.6	16.0#



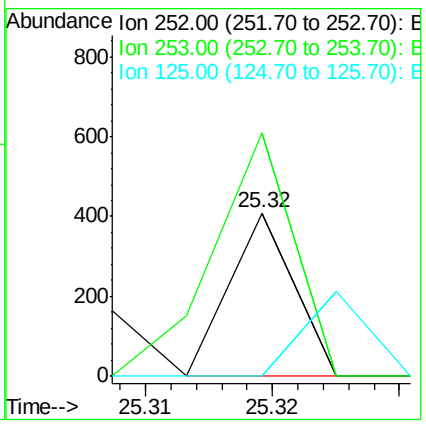


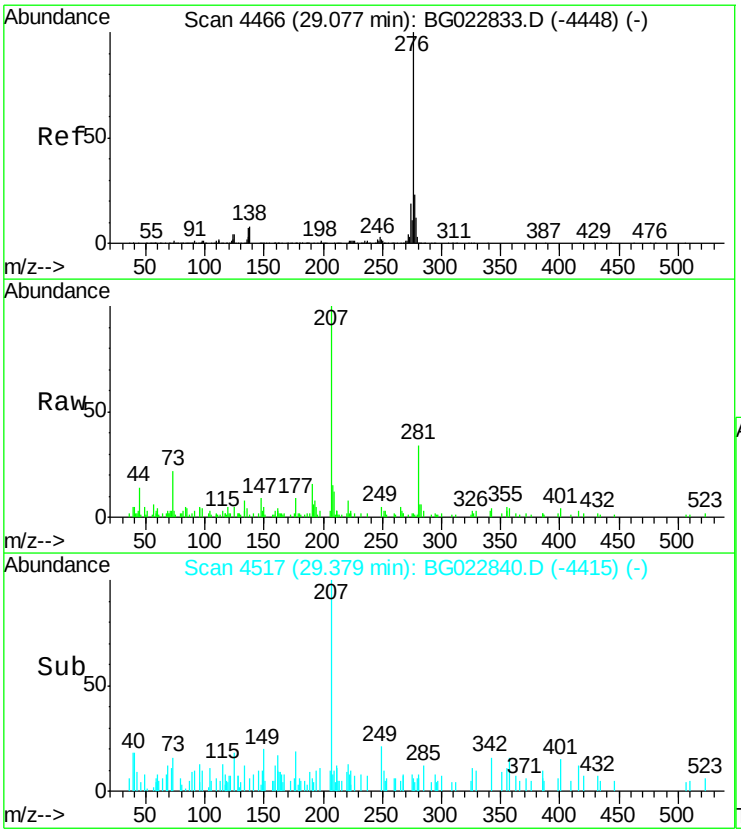
#88
Benzo(a)pyrene
Concen: 1.30 ng/ul
RT: 25.32 min Scan# 3826
Delta R.T. 0.26 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 144

Ion	Ratio	Lower	Upper
252	100		
253	149.3	19.0	28.4#
125	0.0	12.0	18.0#

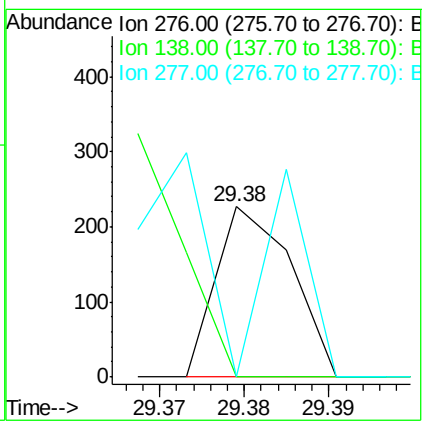


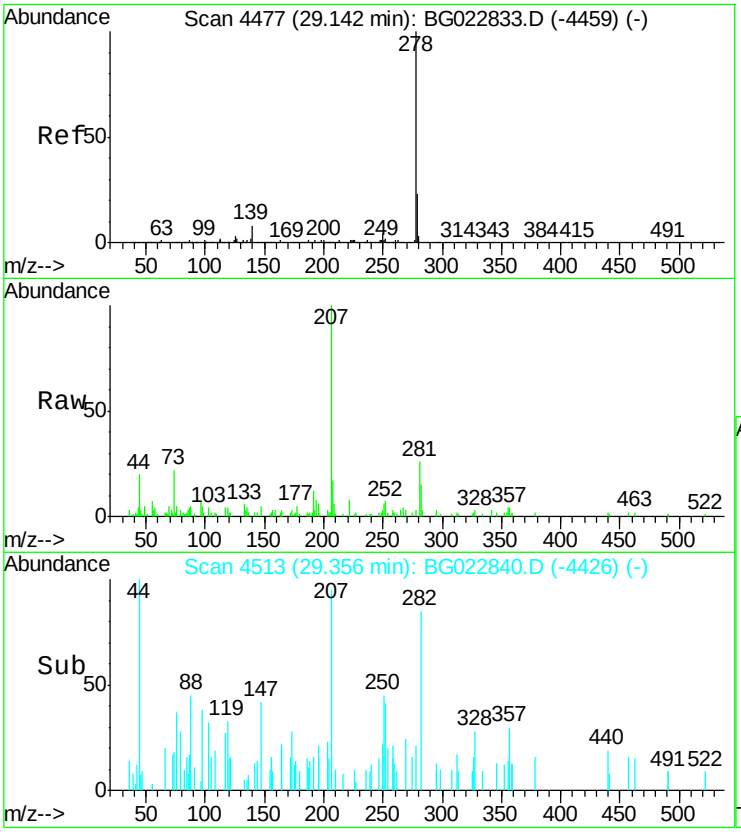


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.19 ng/ul
RT: 29.38 min Scan# 4517
Delta R.T. 0.30 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Tgt Ion:276 Resp: 140

Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.8	31.2#
277	0.0	17.6	26.4#



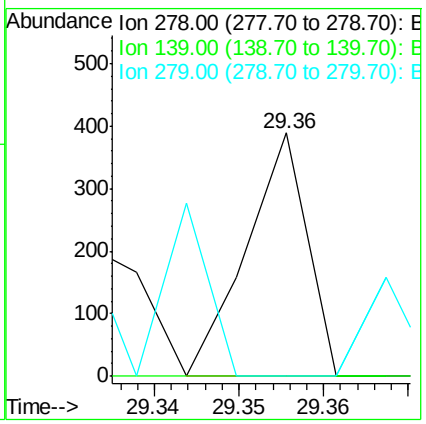


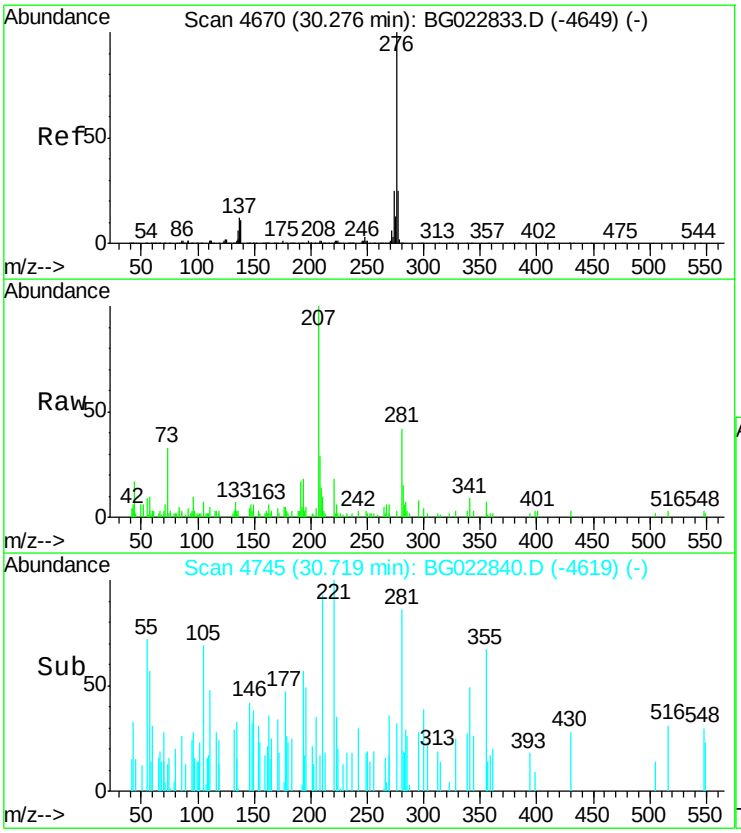
#90
Dibenzo(a,h)anthracene
Concen: 1.99 ng/ul
RT: 29.36 min Scan# 4513
Delta R.T. 0.21 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 193

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	0.0	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 2.07 ng/ul
RT: 30.72 min Scan# 4745
Delta R.T. 0.44 min
Lab File: BG022840.D
Acq: 3 Jul 2016 22:32

Tgt Ion:276 Resp: 190

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.1	33.1#
277	0.0	17.0	25.4#