Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023580.D
Acq On : 10 Aug 2016 6:19
Operator : UM/SJ
Sample : H4362-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS006-0002-01

Quant Time: Aug 10 06:54:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	152088	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.94	136	729851	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	532375	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.64	188	1037790	20.00	ng/ul	0.09
75) Chrysene-d12	21.94	240	1690	20.00	ng/ul	0.08
83) Perylene-d12	25.25	264	1301718	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	4238	1.18	ng/uL	0.00
5) Phenol-d5	7.27	99	212814	13.89	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	151015	15.38	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	152254	14.57	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	138441	11.57	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	88200	15.33	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	99634	15.08	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	192749	15.47	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	158991	10.87	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	707445	16.23	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	805778	16.43	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	104794	14.08	ng/ul	0.00
57) Fluorene-d10	15.78	176	666983	16.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	407	0.06	ng/ul	0.09
70) Anthracene-d10	17.64	188	1037790	22.20	ng/ul	-0.01
76) Pyrene-d10	20.00	212	1538	17.98	ng/ul	0.06
87) Benzo(a)pyrene-d12	25.01	264	1014695	17.22	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	573503	13.29	ng/ul	99
69) Phenanthrene	17.59	178	88543	1.65	ng/ul	97
71) Anthracene	17.59	178	89043	1.62	ng/ul	99
77) Pyrene	20.05	202	589	5.64	ng/ul#	13
78) Butylbenzylphthalate	20.91	149	329	8.21	ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.85	252	126	4.23	ng/ul#	1
80) Benzo(a)anthracene	21.91	228	90231	948.07	ng/ul	91
81) Bis(2-ethylhexyl)phthalate	21.79	149	277	5.20	ng/ul#	89
82) Chrysene	21.99	228	263	3.04	ng/ul#	18
85) Benzo(b)fluoranthene	24.18	252	123489	1.67	ng/ul#	94

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

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Quant Title : SVOA CALIBRATION
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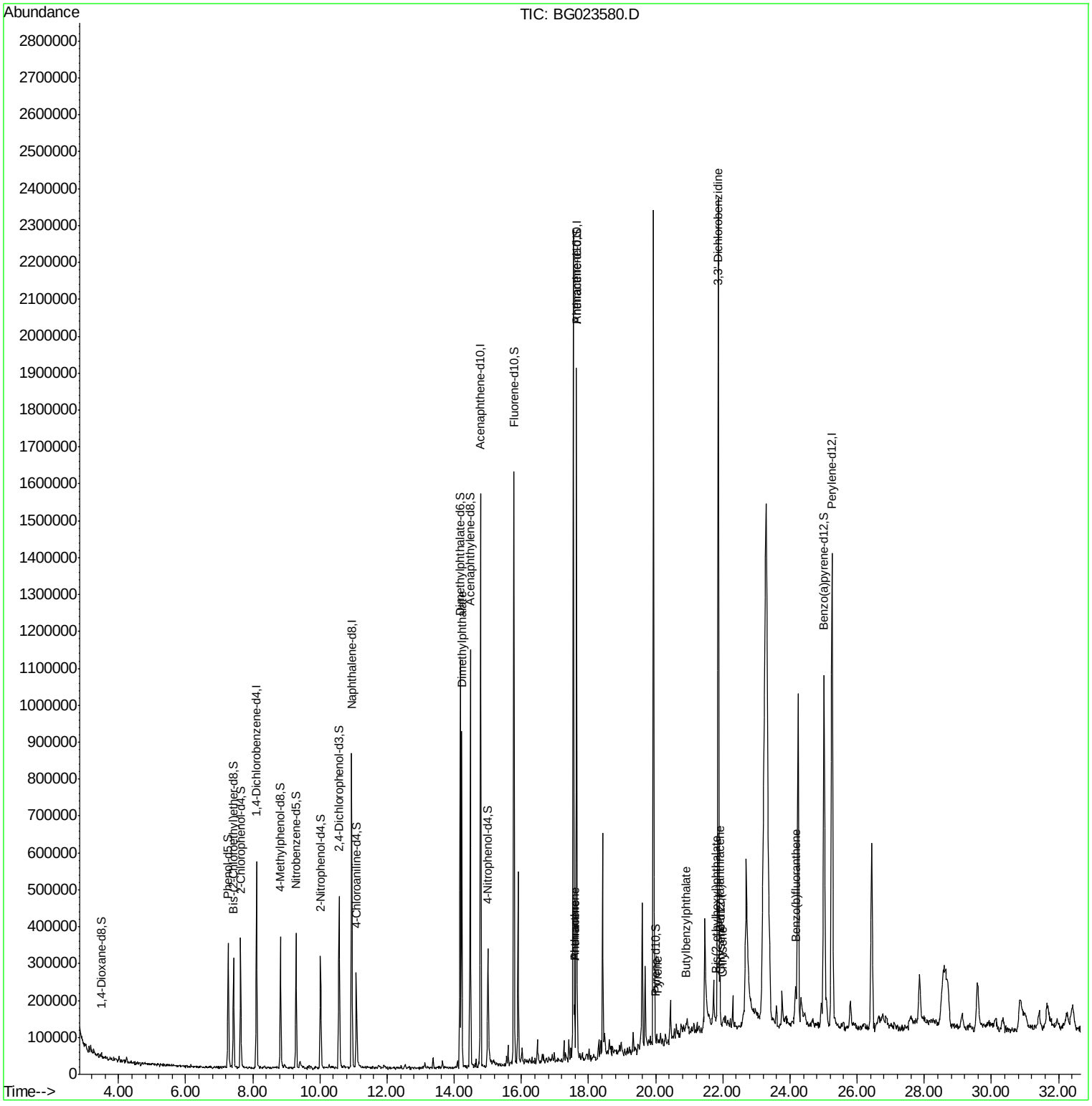
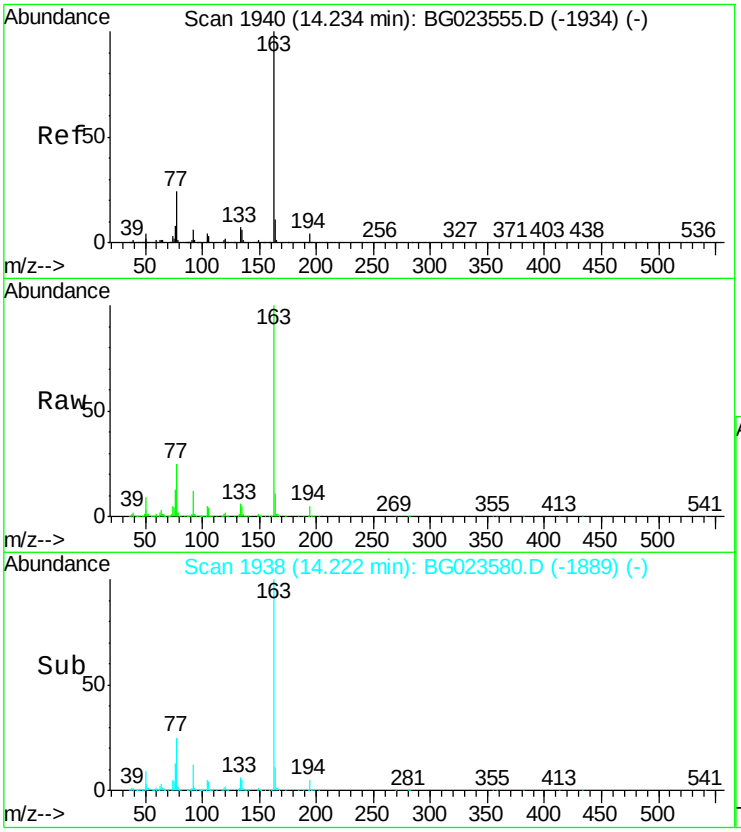


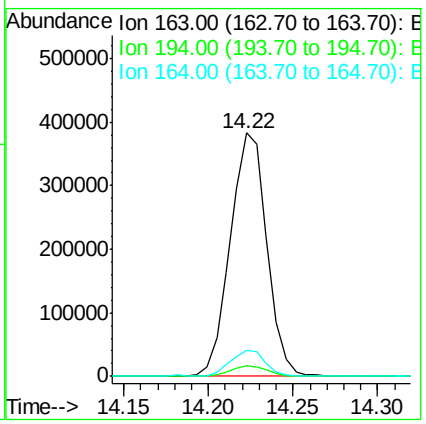


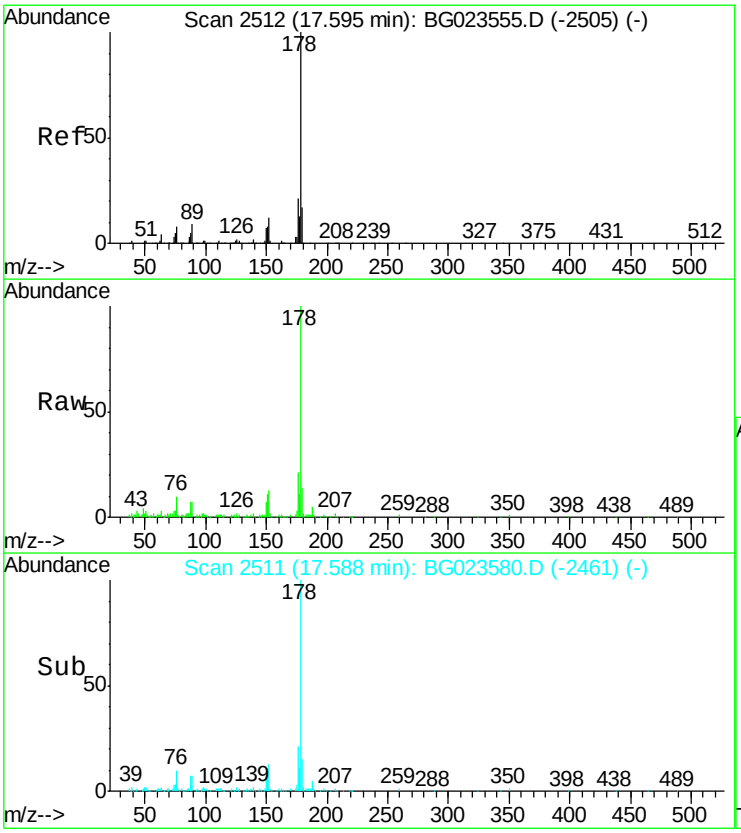
#44
Dimethylphthalate
Concen: 13.29 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion:163 Resp: 573503

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.8	8.8	13.2

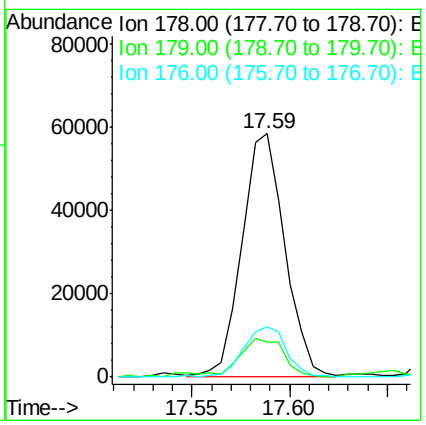


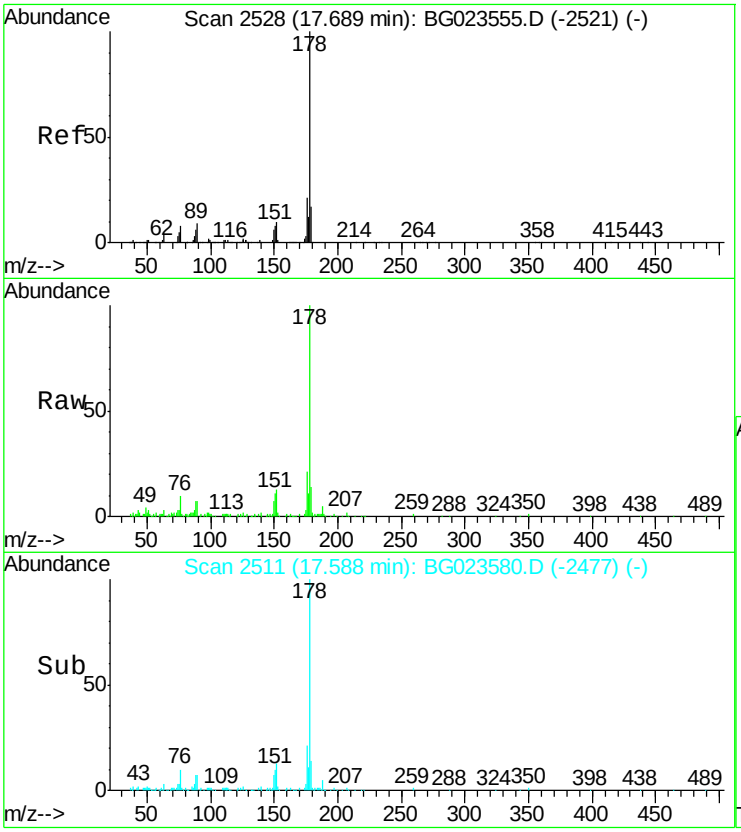


#69
Phenanthrene
Concen: 1.65 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion:178 Resp: 88543

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.9	19.3
176	20.6	15.8	23.8



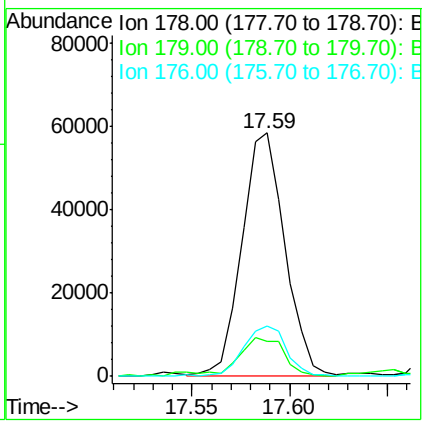


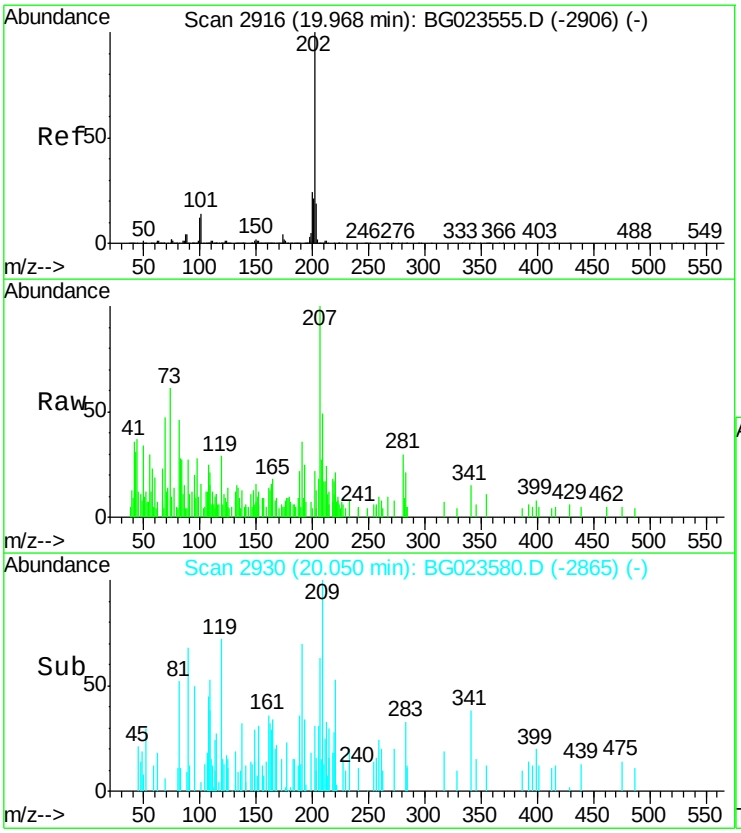
#71
Anthracene
Concen: 1.62 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.10 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion:178 Resp: 89043

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.3	18.5
176	20.6	16.3	24.5

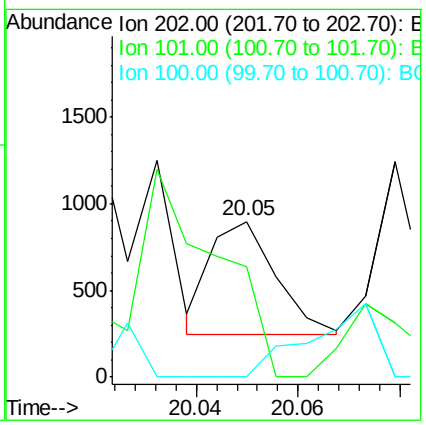


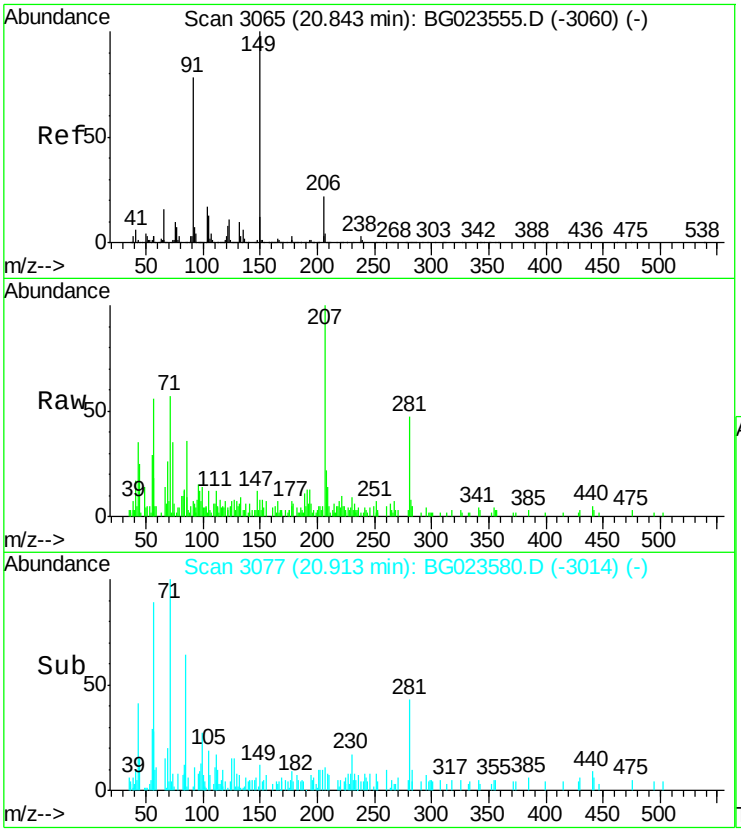


#77
Pyrene
Concen: 5.64 ng/ul
RT: 20.05 min Scan# 2930
Delta R.T. 0.08 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion:202 Resp: 589

Ion	Ratio	Lower	Upper
202	100		
101	71.0	12.5	18.7#
100	0.0	10.2	15.4#



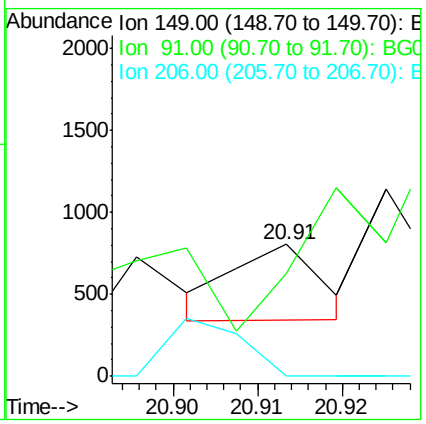


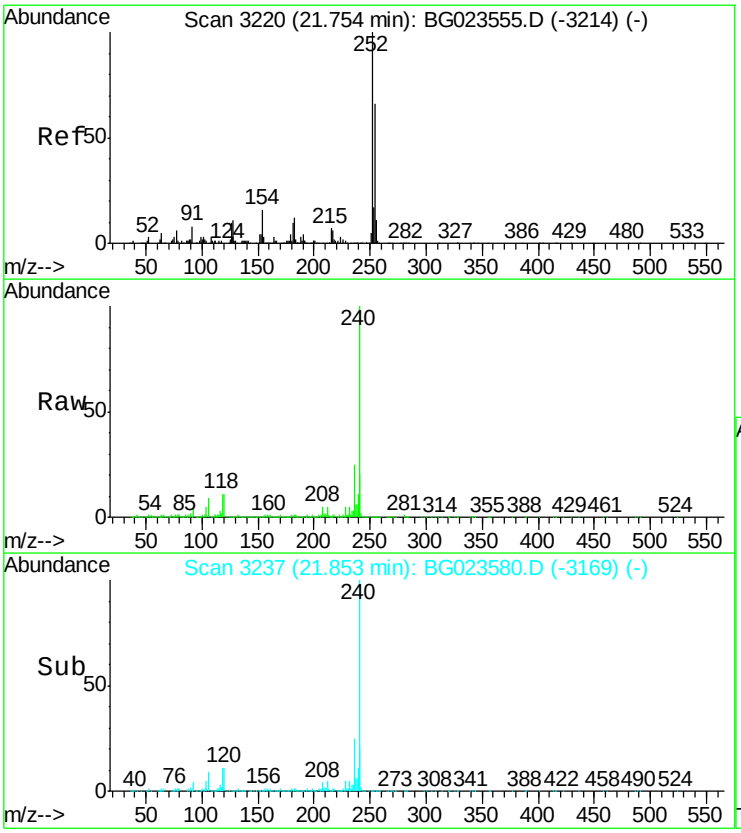
#78
Butylbenzylphthalate
Concen: 8.21 ng/ul
RT: 20.91 min Scan# 3077
Delta R.T. 0.07 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion:149 Resp: 329

Ion	Ratio	Lower	Upper
149	100		
91	78.3	54.2	81.4
206	0.0	14.1	21.1#

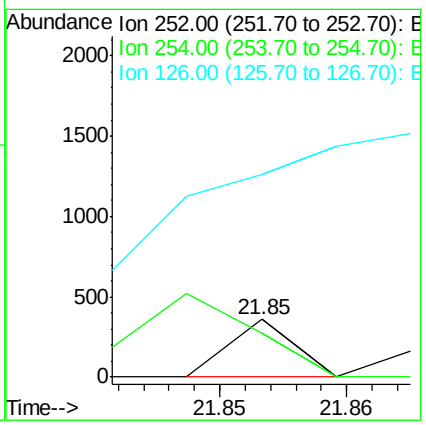


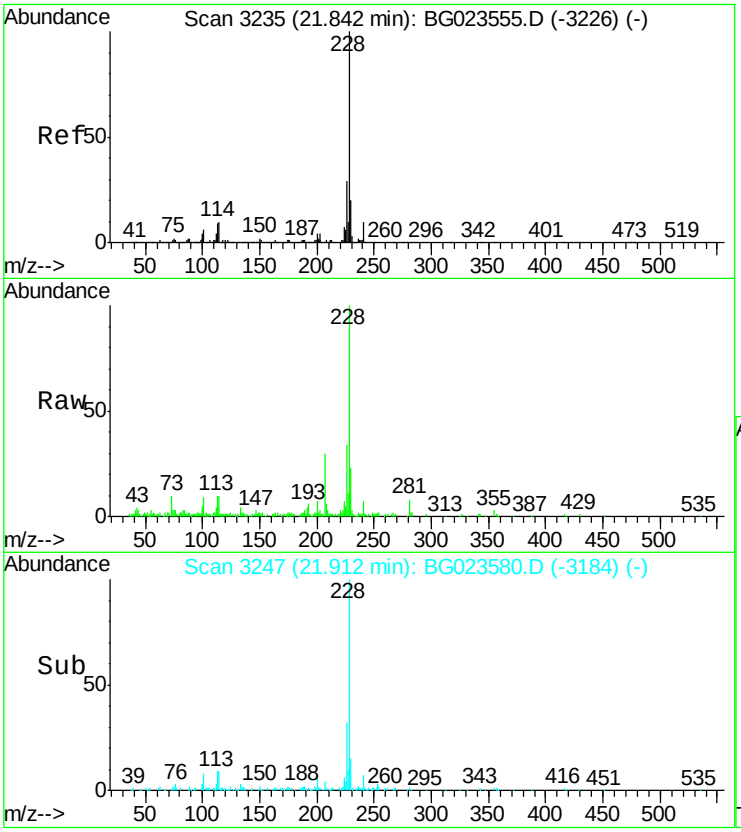


#79
3,3'-Dichlorobenzidine
Concen: 4.23 ng/ul
RT: 21.85 min Scan# 3237
Delta R.T. 0.10 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion:252 Resp: 126

Ion	Ratio	Lower	Upper
252	100		
254	76.0	51.4	77.2
126	353.1	10.7	16.1#



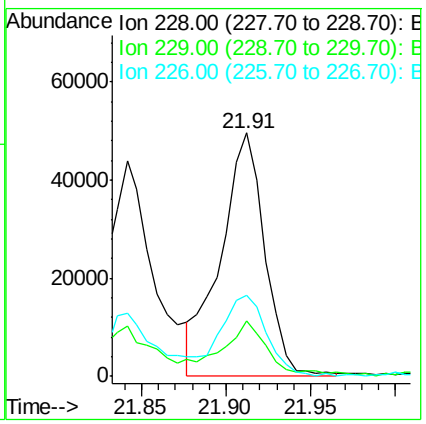


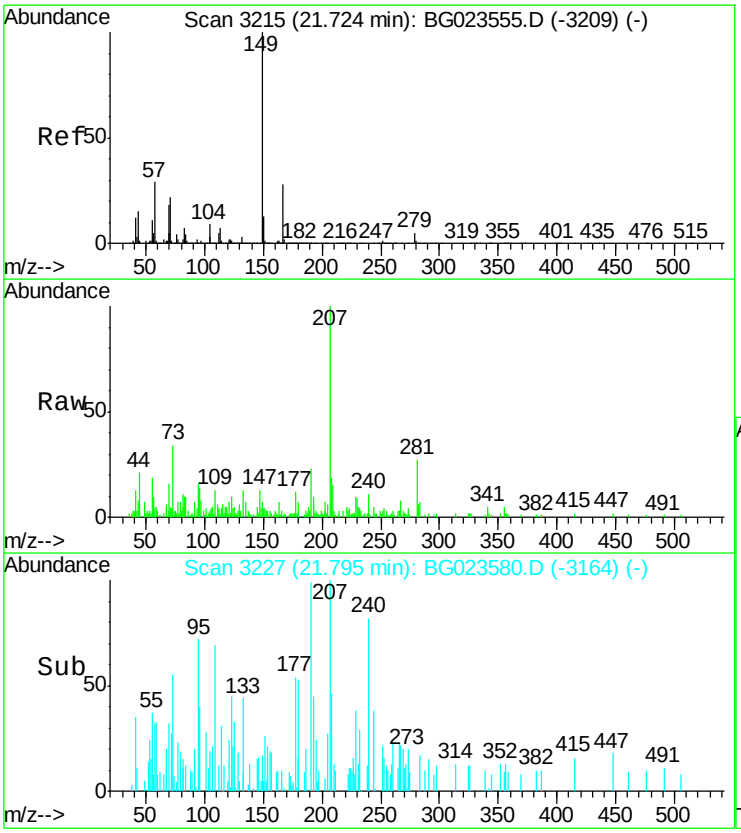
#80
Benzo(a)anthracene
Concen: 948.07 ng/ul
RT: 21.91 min Scan# 3247
Delta R.T. 0.07 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion:228 Resp: 90231

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.4	23.2
226	33.5	22.8	34.2

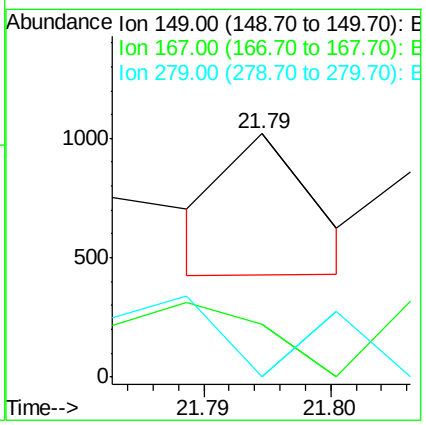


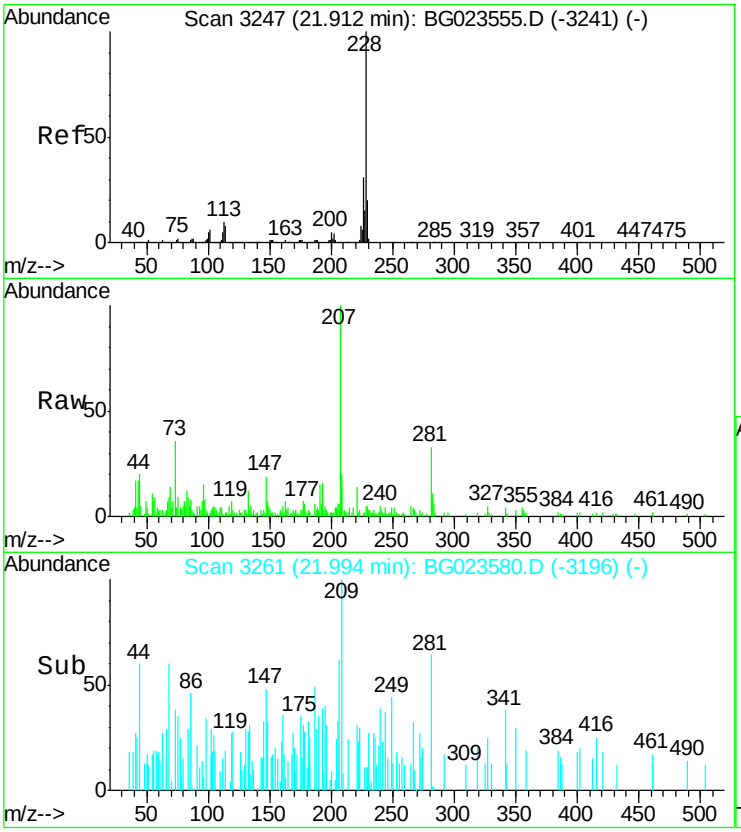


#81
Bis(2-ethylhexyl)phthalate
Concen: 5.20 ng/ul
RT: 21.79 min Scan# 3227
Delta R.T. 0.07 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion:149 Resp: 277

Ion	Ratio	Lower	Upper
149	100		
167	21.8	21.9	32.9#
279	0.0	2.9	4.3#



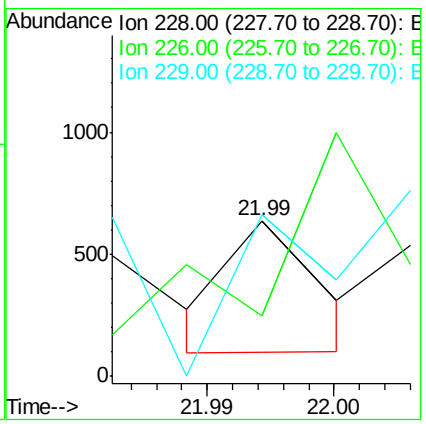


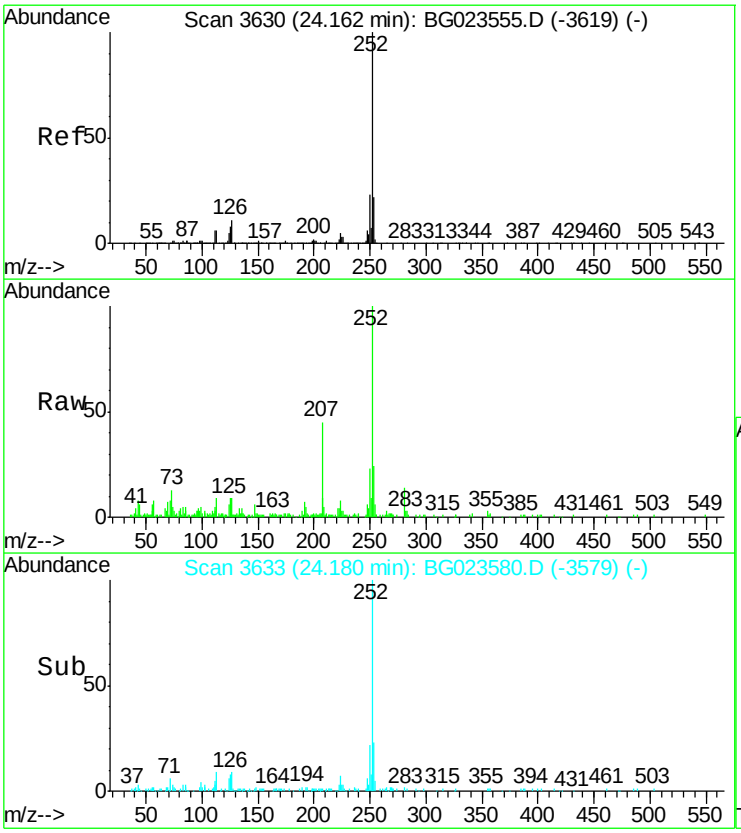
#82
Chrysene
Concen: 3.04 ng/ul
RT: 21.99 min Scan# 3261
Delta R.T. 0.08 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion:228 Resp: 263

Ion	Ratio	Lower	Upper
228	100		
226	38.6	24.2	36.4#
229	103.8	15.0	22.6#





#85
Benzo(b)fluoranthene
Concen: 1.67 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. 0.02 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion:252 Resp: 123489

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	8.8	10.8	16.2#