Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023686.D
Acq On : 13 Aug 2016 13:23
Operator : UM/SJ
Sample : H4388-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR002-SS003-0002-01

Quant Time: Aug 15 11:51:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 11:28:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	99384	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	451571	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	318049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	752747	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	766981	20.00	ng/ul	-0.01
83) Perylene-d12	25.28	264	745086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8299	3.55	ng/uL	0.00
5) Phenol-d5	7.27	99	226542	22.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	152384	23.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	160053	23.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	148499	19.00	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	89536	25.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	107277	26.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	183601	23.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	155501	17.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	679034	26.08	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	770739	26.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	89052	20.03	ng/ul	0.00
57) Fluorene-d10	15.78	176	601543	25.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	101018	20.92	ng/ul	0.00
70) Anthracene-d10	17.65	188	883150	26.04	ng/ul	0.00
76) Pyrene-d10	19.94	212	972636	25.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	914389	27.11	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	274381	10.64	ng/ul#	97
69) Phenanthrene	17.59	178	63249	1.62	ng/ul	98
74) Fluoranthene	19.60	202	151393	3.79	ng/ul#	89
77) Pyrene	19.97	202	142426	3.00	ng/ul#	88
80) Benzo(a)anthracene	21.85	228	60256	1.40	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.73	149	37779	1.56	ng/ul#	97
82) Chrysene	21.92	228	69530	1.77	ng/ul	95

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

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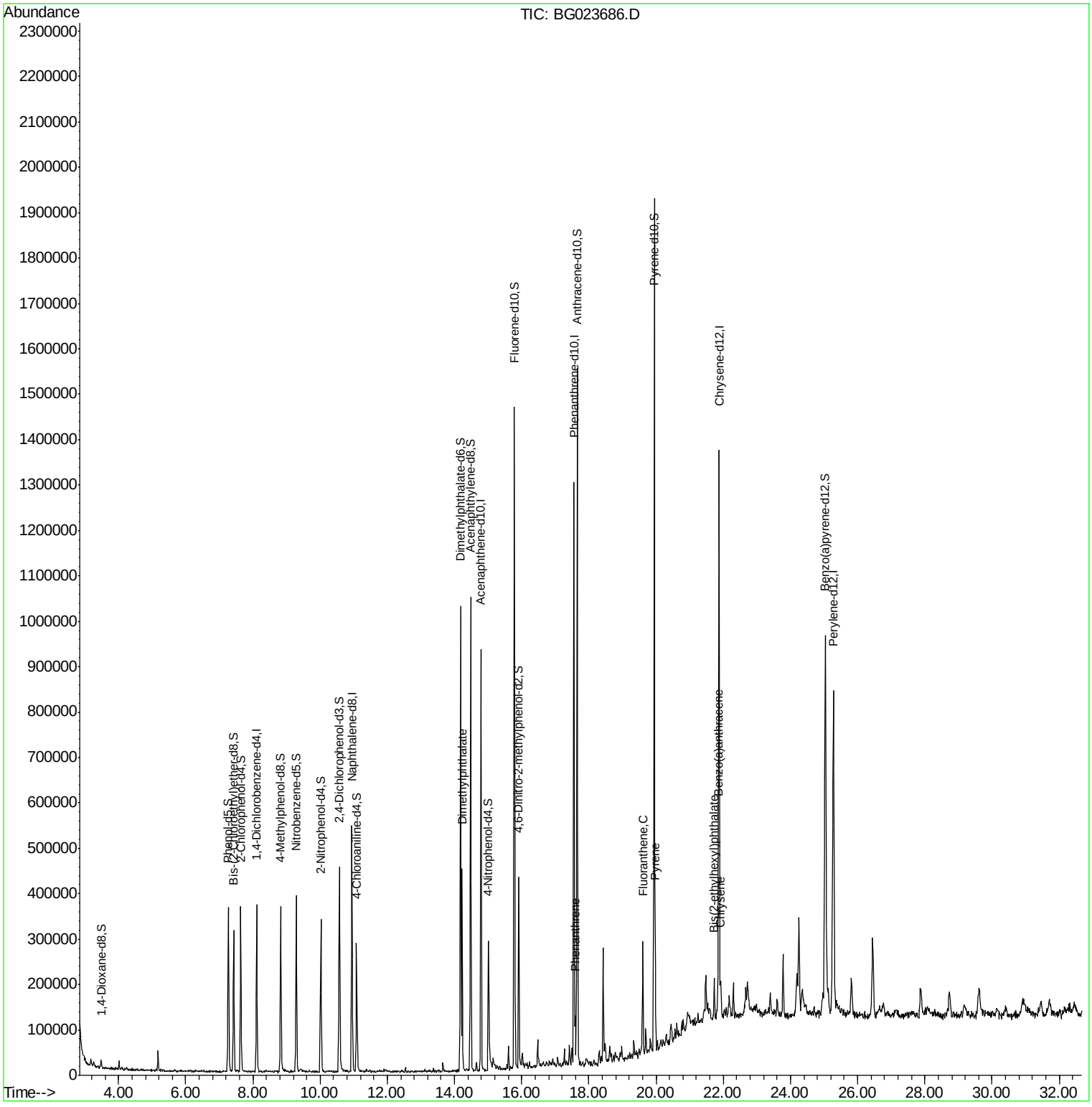
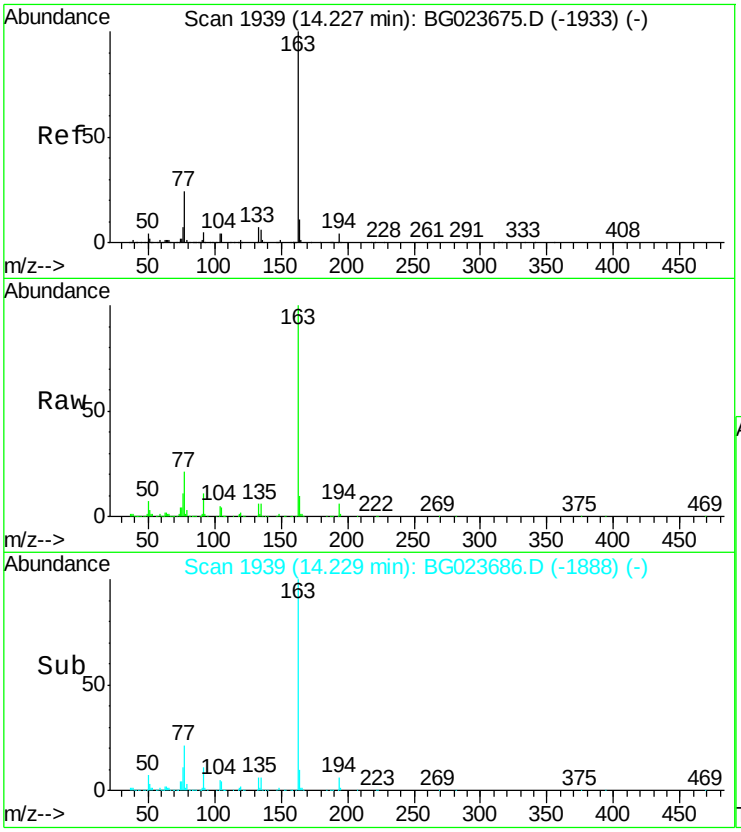


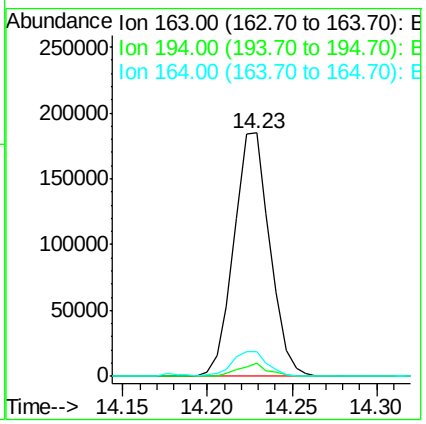


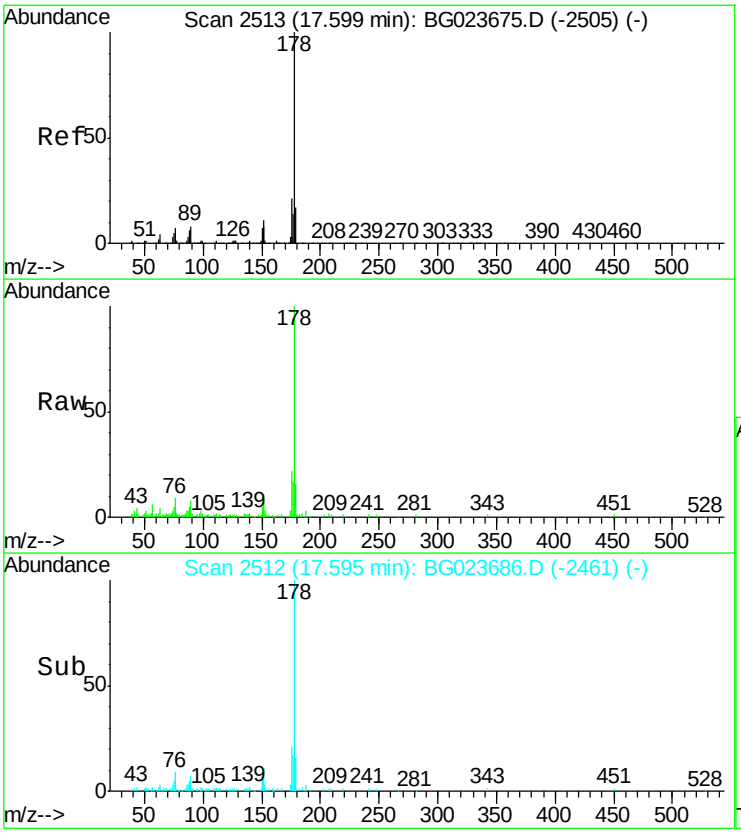
#44
Dimethylphthalate
Concen: 10.64 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-0002-01

Tgt Ion:163 Resp: 274381

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	10.2	8.8	13.2

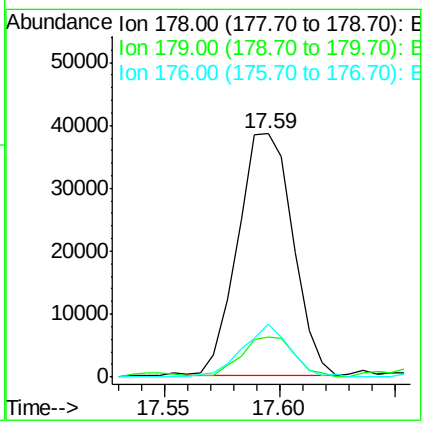


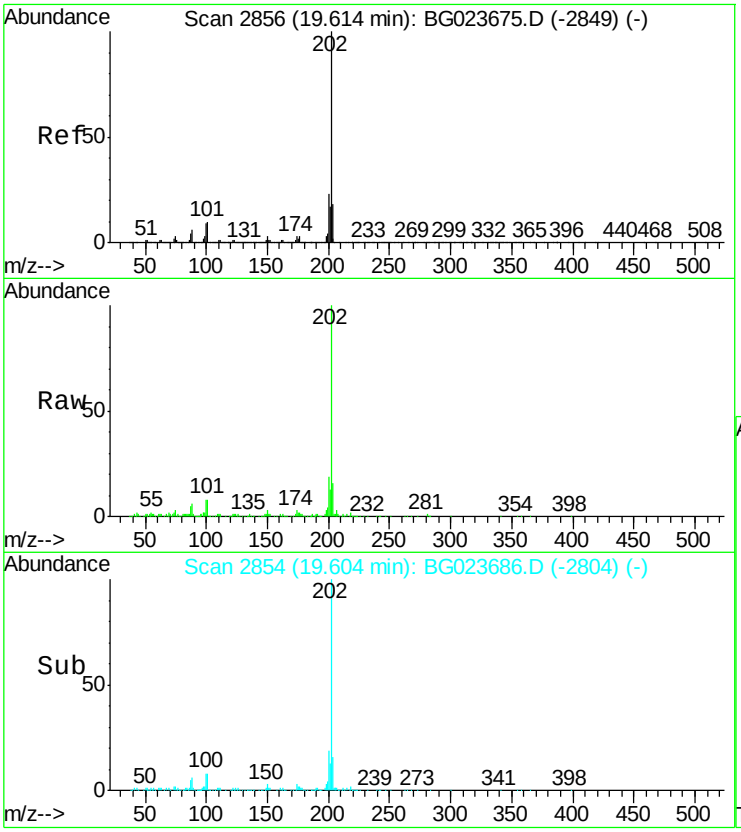


#69
Phenanthrene
Concen: 1.62 ng/ul
RT: 17.59 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Tgt Ion:178 Resp: 63249

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	21.6	15.8	23.8



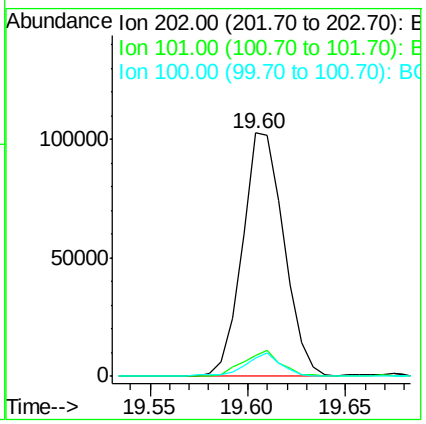


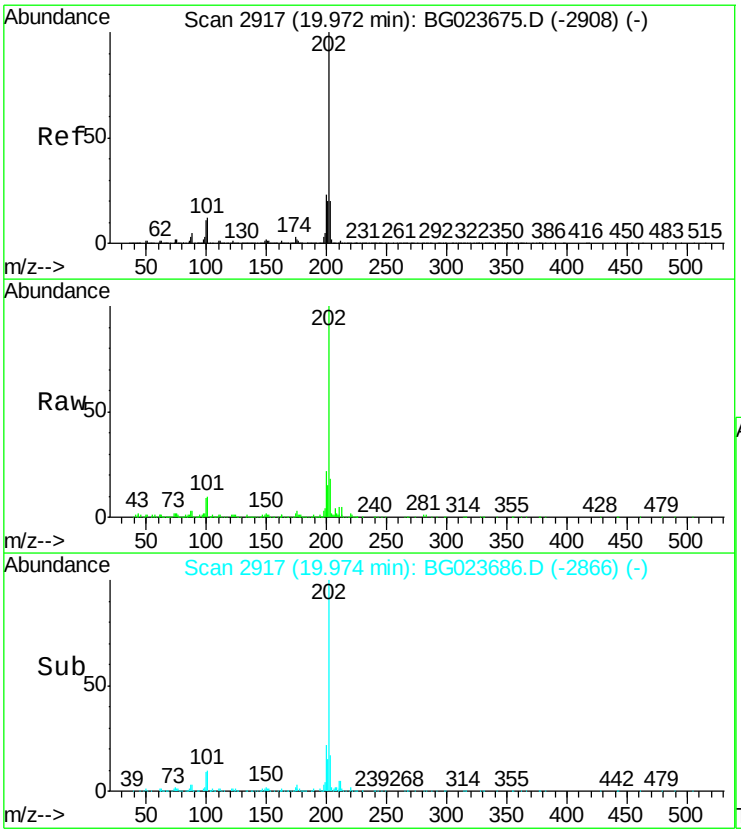
#74
Fluoranthene
Concen: 3.79 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-0002-01

Tgt Ion:202 Resp: 151393

Ion	Ratio	Lower	Upper
202	100		
101	8.3	10.6	16.0#
100	7.6	8.7	13.1#

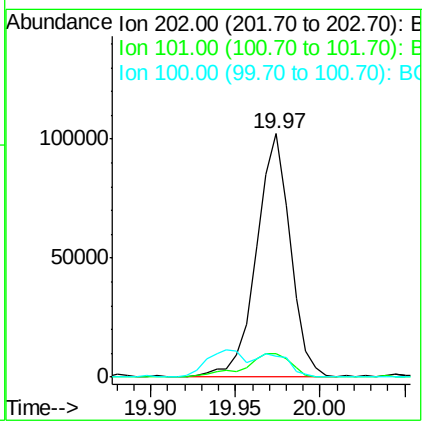


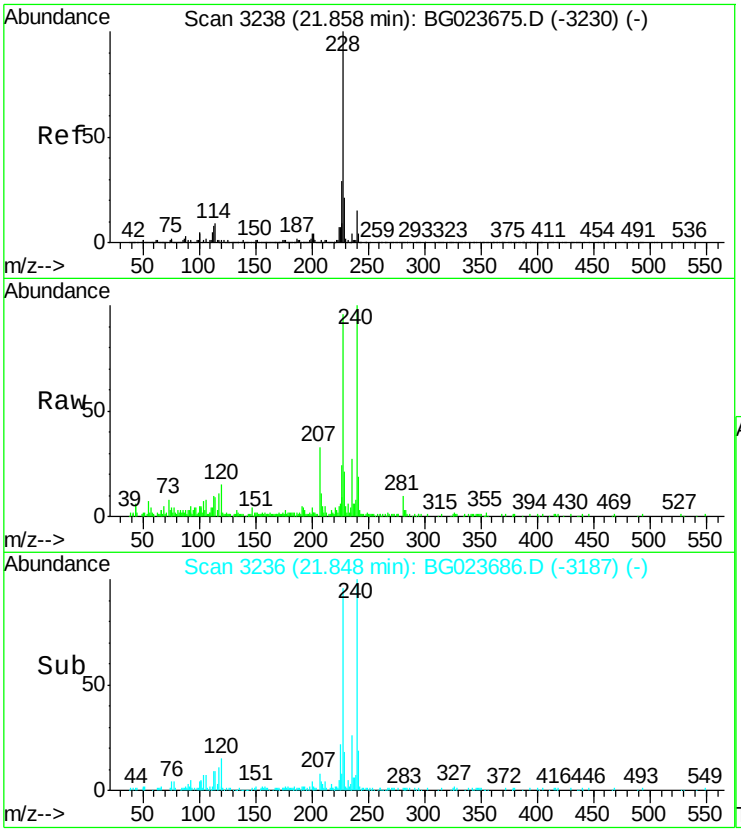


#77
Pyrene
Concen: 3.00 ng/ul
RT: 19.97 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Tgt Ion:202 Resp: 142426

Ion	Ratio	Lower	Upper
202	100		
101	9.9	12.5	18.7#
100	8.8	10.2	15.4#



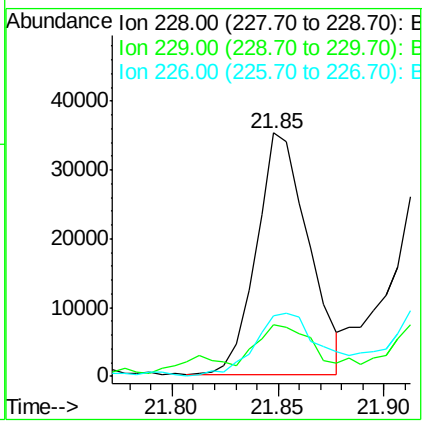


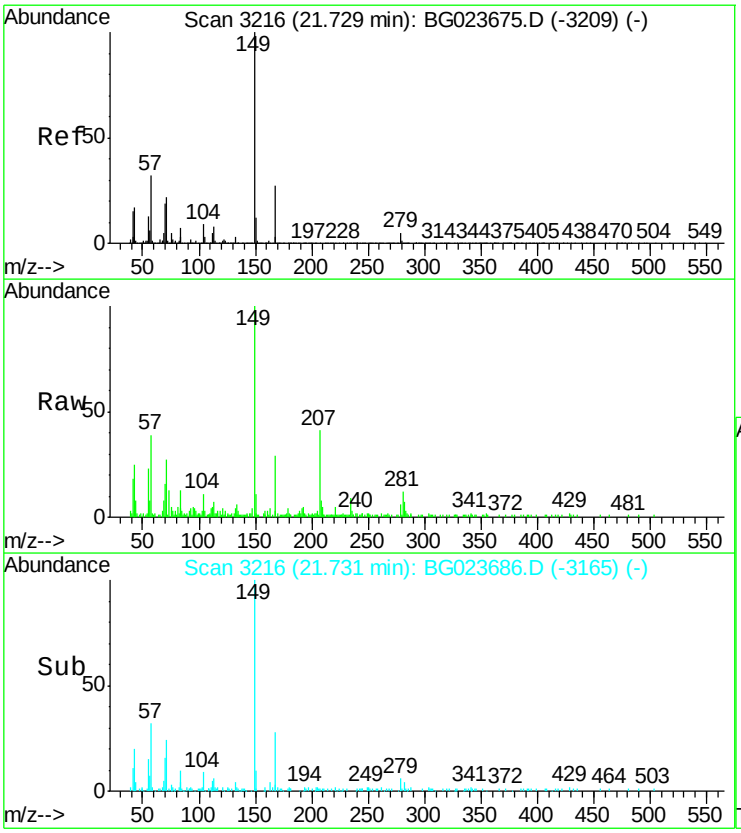
#80
Benzo(a)anthracene
Concen: 1.40 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-0002-01

Tgt Ion:228 Resp: 60256

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.2
226	24.9	22.8	34.2

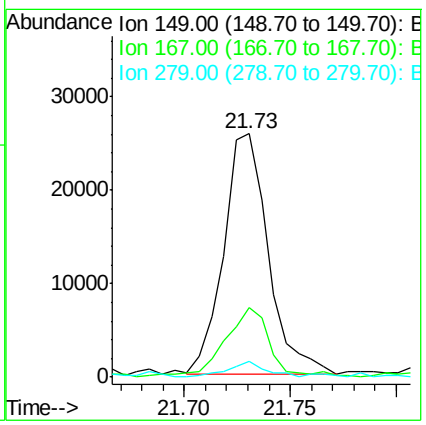


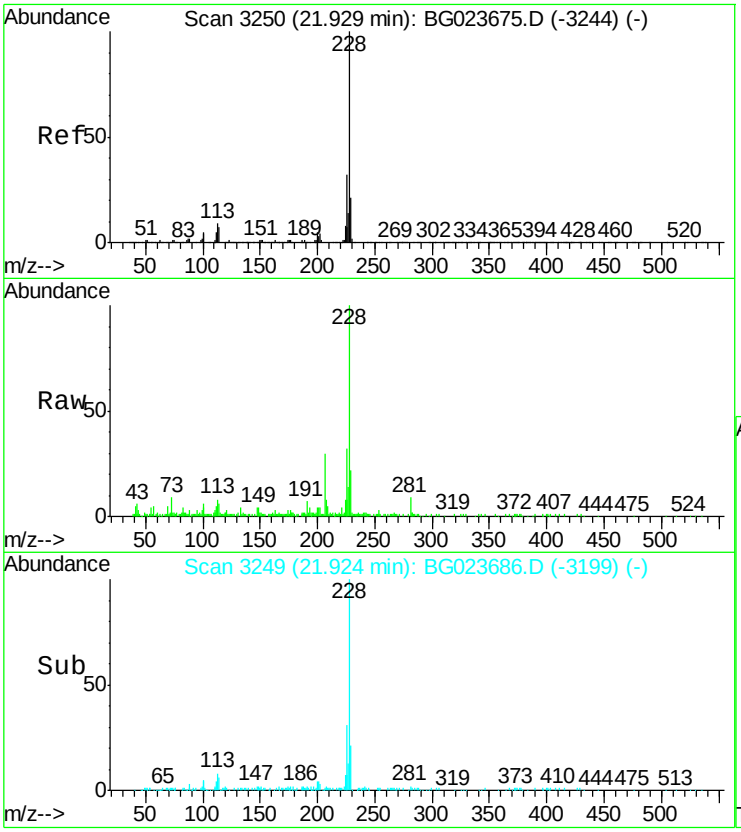


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.56 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Tgt Ion:149 Resp: 37779

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	6.4	2.9	4.3#





#82
Chrysene
Concen: 1.77 ng/ul
RT: 21.92 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG023686.D
Acq: 13 Aug 2016 13:23

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-0002-01

Tgt Ion:228 Resp: 69530

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	22.5	15.0	22.6