Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018085.D
Acq On : 24 Jul 2015 3:17
Operator : TP/UM
Sample : G3035-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D8

Quant Time: Jul 24 04:06:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	61353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	295762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	182688	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	371707	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	365765	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	365998	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	1728	1.76	ng/uL	0.00
5) Phenol-d5	6.70	99	56055	11.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29339	12.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	52524	12.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	45428	10.82	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	28737	12.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	31878	12.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	51765	12.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	62112	12.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	159330	12.42	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	184397	11.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	21443	7.95	ng/ul	0.00
58) Fluorene-d10	15.18	176	129831	10.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	10212	4.30	ng/ul	0.00
71) Anthracene-d10	17.03	188	172839	10.74	ng/ul	0.00
79) Pyrene-d10	19.34	212	177025	10.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	160118	9.17	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.33	105	15001	2.54	ng/ul	97
45) Dimethylphthalate	13.65	163	57476	4.45	ng/ul	98
70) Phenanthrene	16.98	178	88860	4.76	ng/ul	99
76) Di-n-butylphthalate	17.92	149	24261	1.12	ng/ul	99
77) Fluoranthene	19.00	202	109969	5.53	ng/ul	99
80) Pyrene	19.37	202	99329	4.74	ng/ul	98
83) Benzo(a)anthracene	21.12	228	45901	2.37	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	16875	1.37	ng/ul#	97
85) Chrysene	21.18	228	45603	2.50	ng/ul	97
88) Benzo(b)fluoranthene	22.68	252	58816	2.93	ng/ul#	85
91) Benzo(a)pyrene	23.23	252	39391	2.03	ng/ul#	79
92) Indeno(1,2,3-cd)pyrene	25.53	276	25051	1.12	ng/ul	99
94) Benzo(g,h,i)perylene	26.21	276	24170	1.31	ng/ul	99

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

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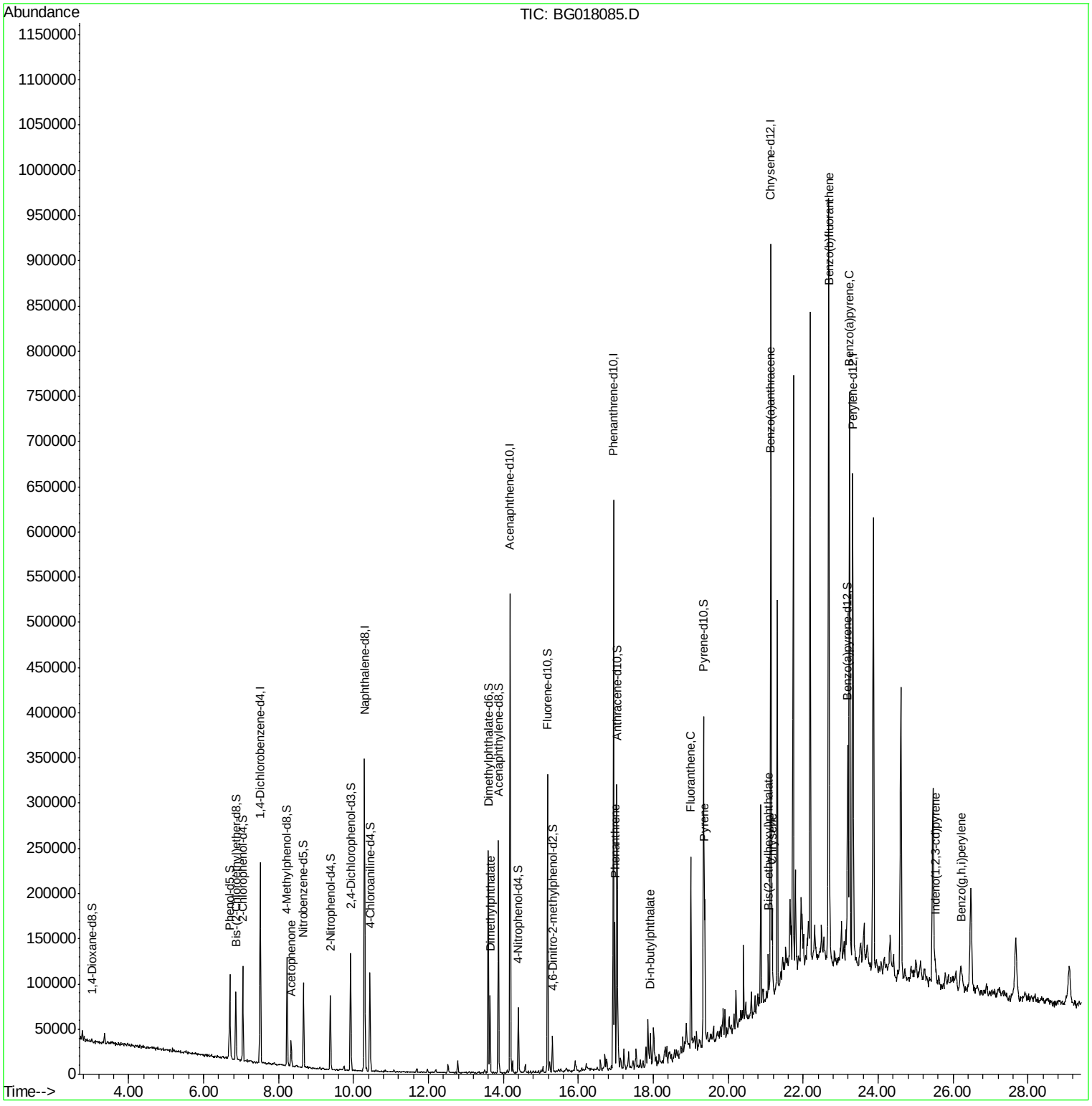
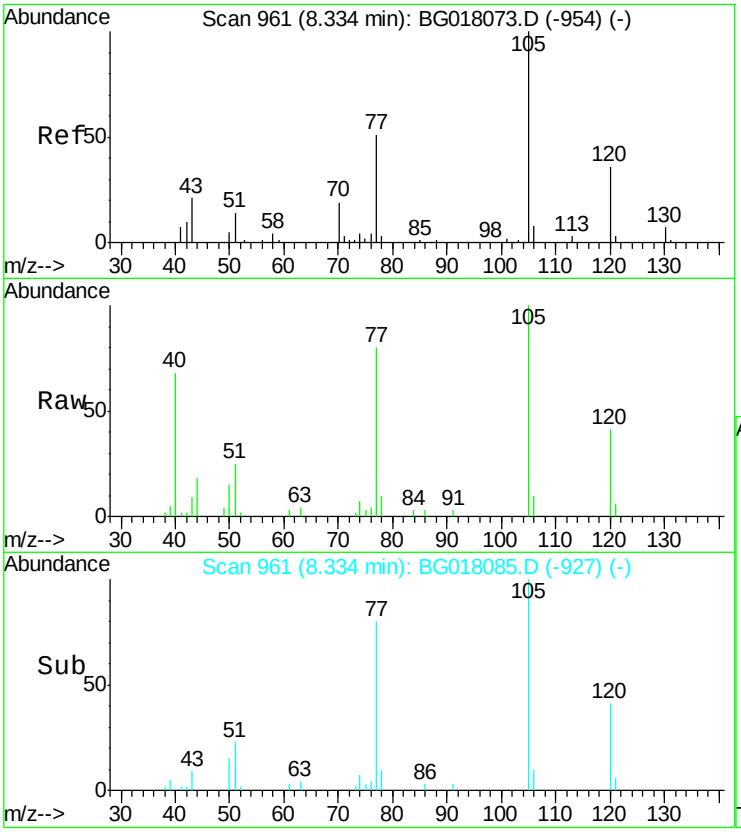


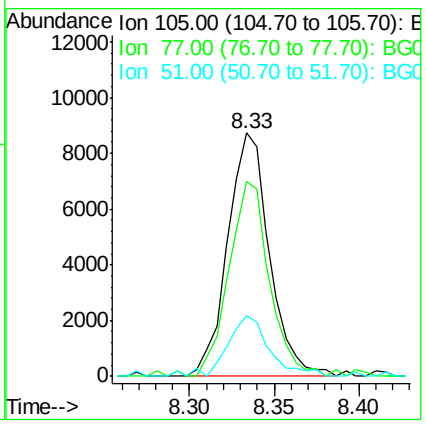


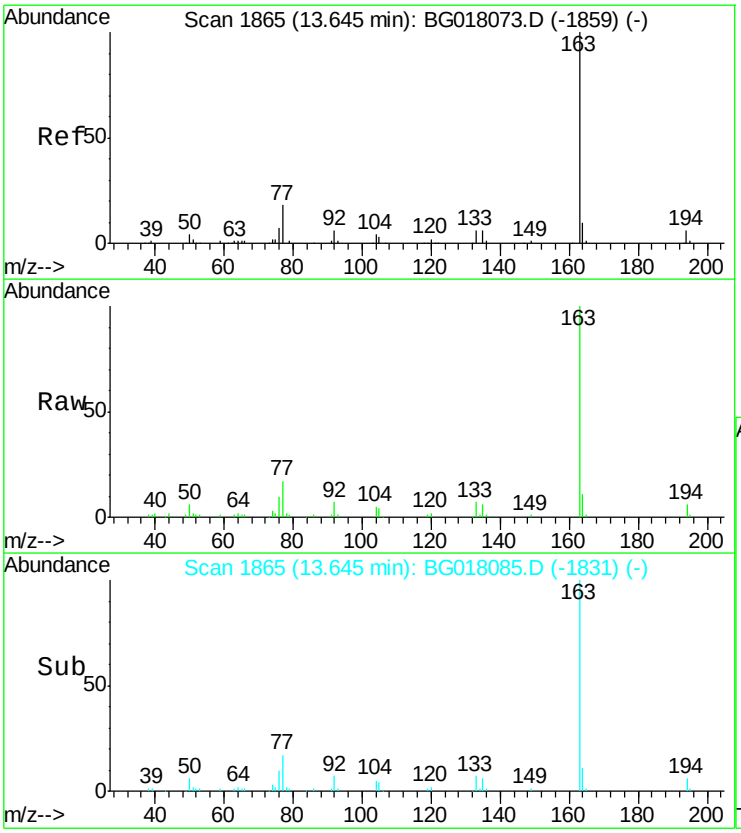
#14
Acetophenone
Concen: 2.54 ng/ul
RT: 8.33 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:105 Resp: 15001

Ion	Ratio	Lower	Upper
105	100		
77	79.8	61.7	92.5
51	24.8	18.1	27.1

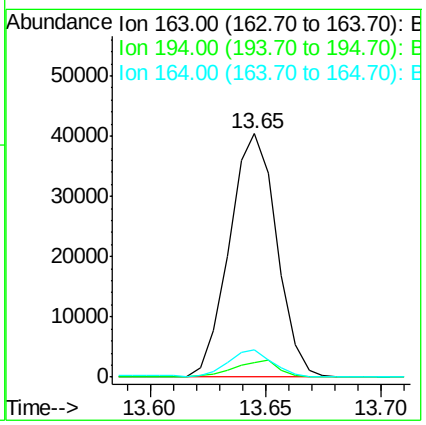


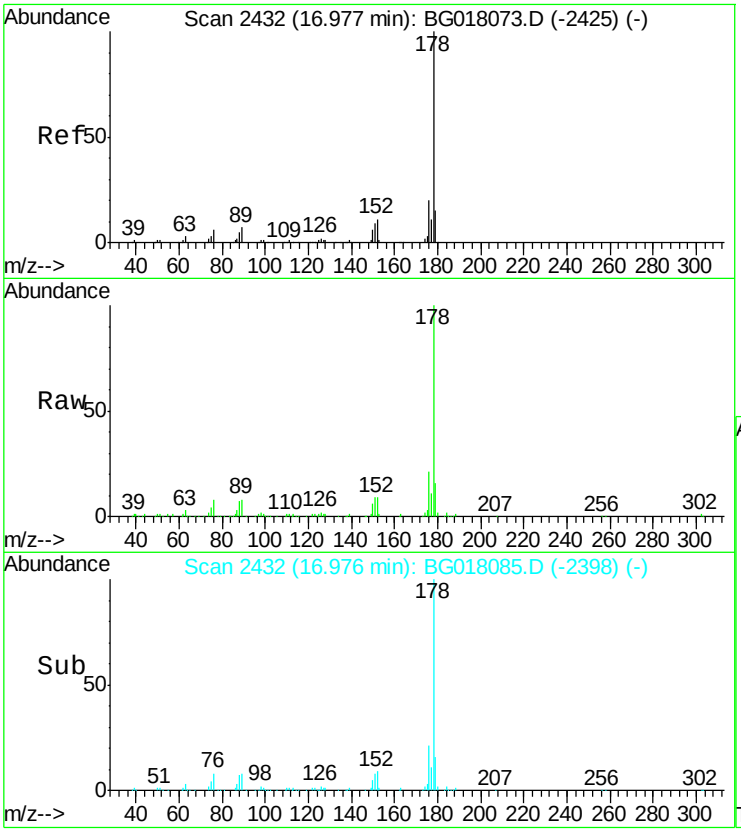


#45
Dimethylphthalate
Concen: 4.45 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:163 Resp: 57476

Ion	Ratio	Lower	Upper
163	100		
194	5.8	5.4	8.2
164	11.3	8.7	13.1



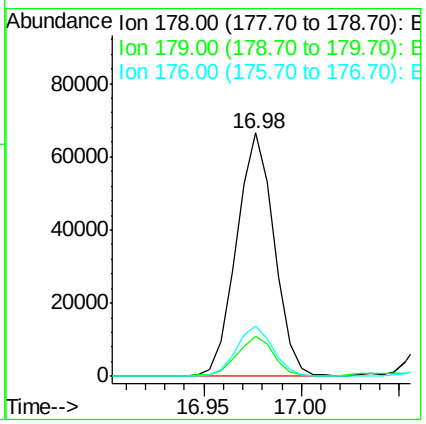


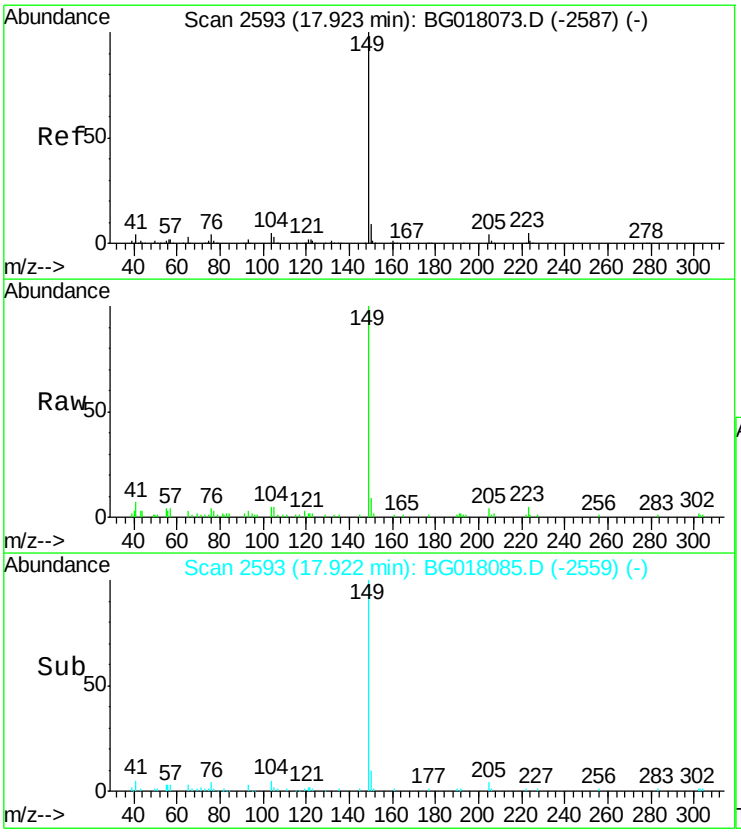
#70
Phenanthrene
Concen: 4.76 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:178 Resp: 88860

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.5	15.8	23.8

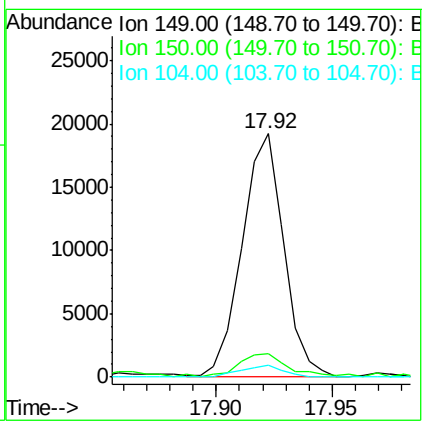


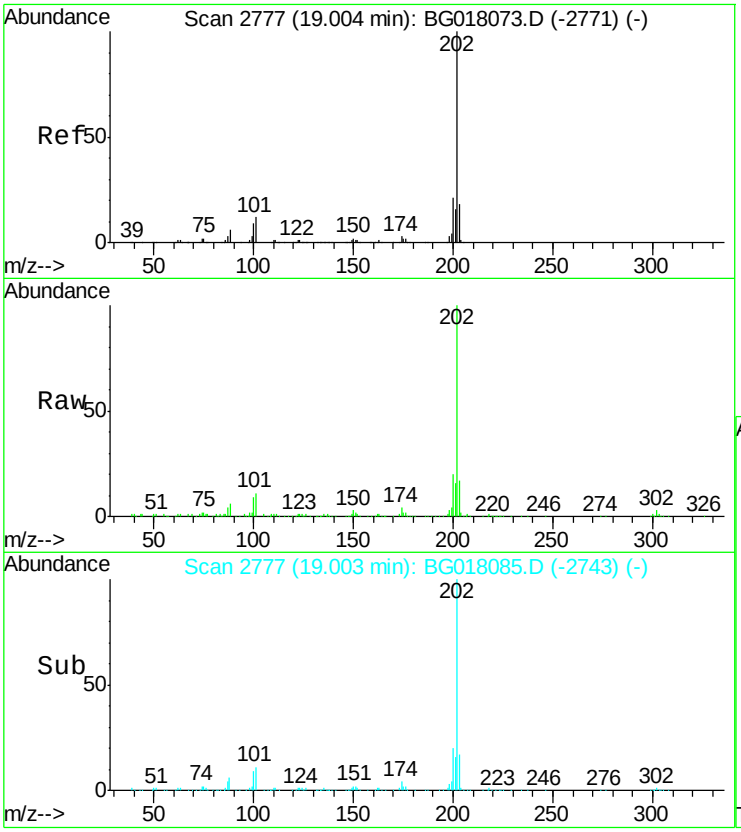


#76
Di-n-butylphthalate
Concen: 1.12 ng/ul
RT: 17.92 min Scan# 2593
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:149 Resp: 24261

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	4.8	3.8	5.8



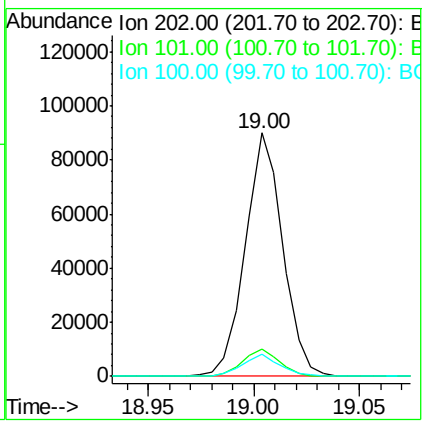


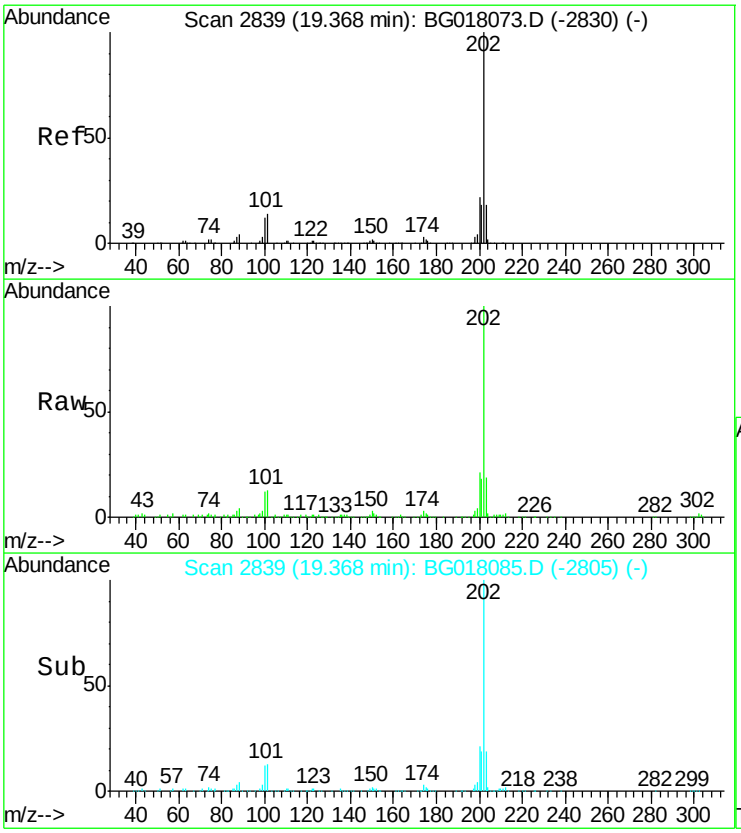
#77
Fluoranthene
Concen: 5.53 ng/ul
RT: 19.00 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:202 Resp: 109969

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.2	7.5	11.3

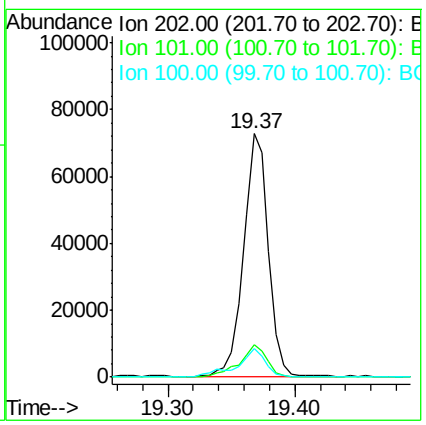


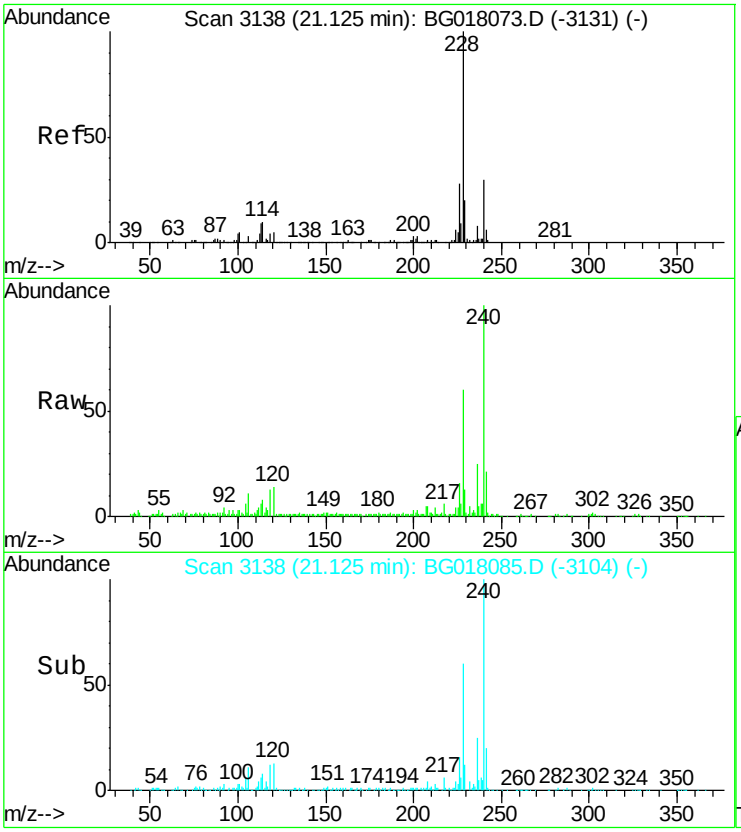


#80
Pyrene
Concen: 4.74 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:202 Resp: 99329

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	11.5	8.5	12.7



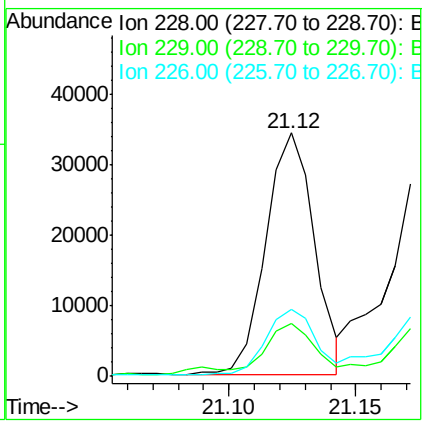


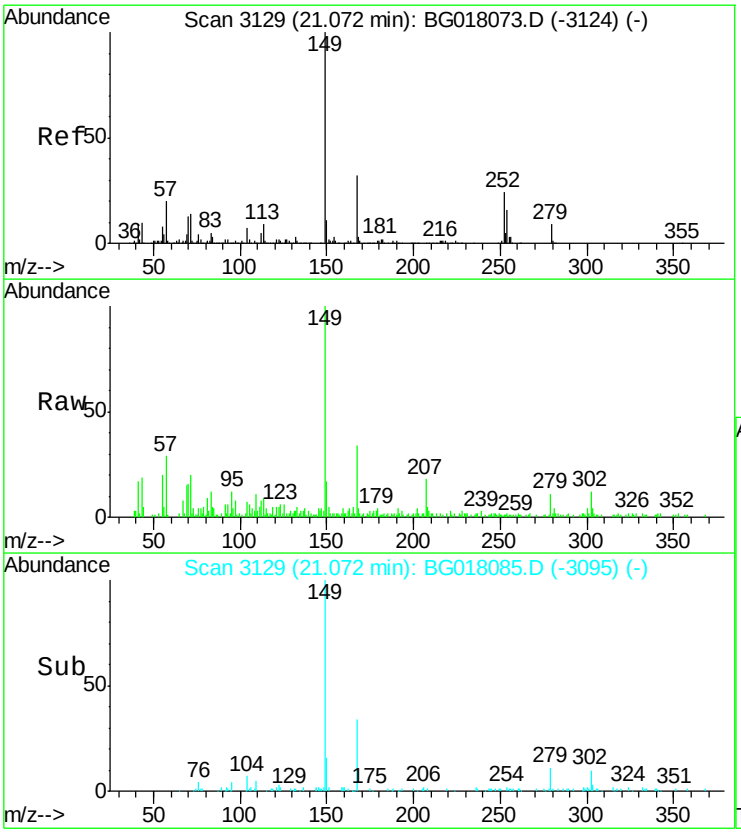
#83
Benzo(a)anthracene
Concen: 2.37 ng/ul
RT: 21.12 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:228 Resp: 45901

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	24.8
226	27.5	21.1	31.7

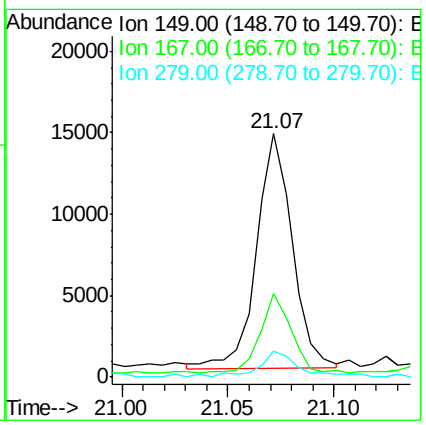


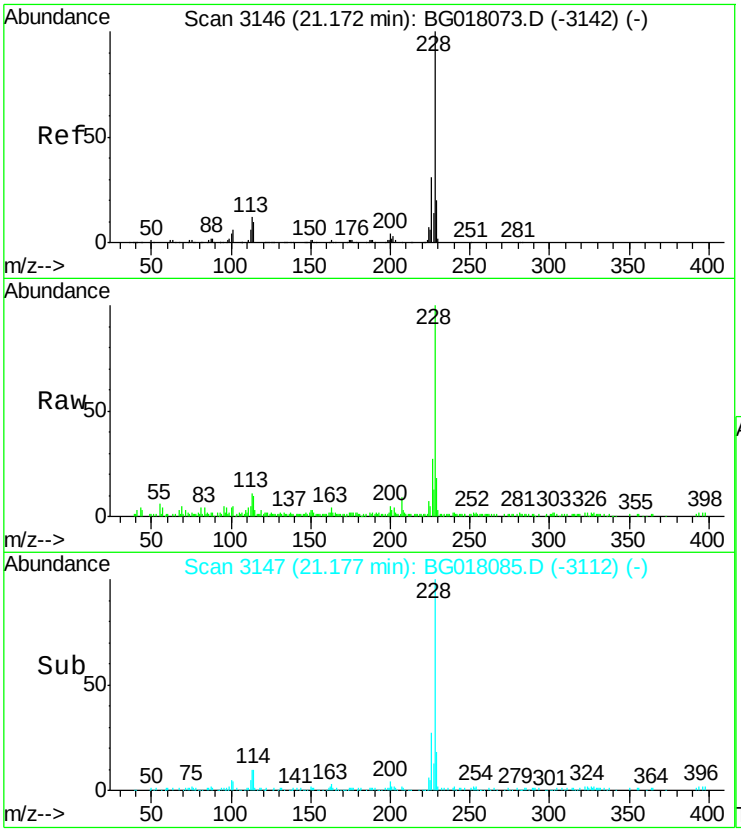


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.37 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:149 Resp: 16875

Ion	Ratio	Lower	Upper
149	100		
167	34.3	26.2	39.4
279	10.8	7.2	10.8#



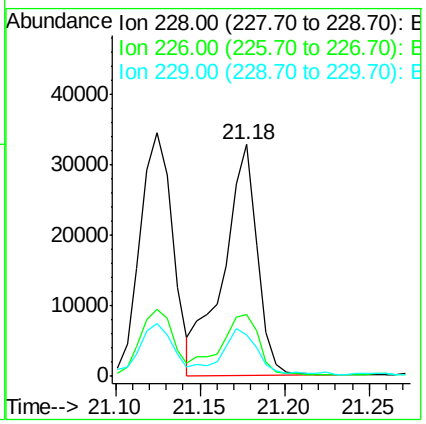


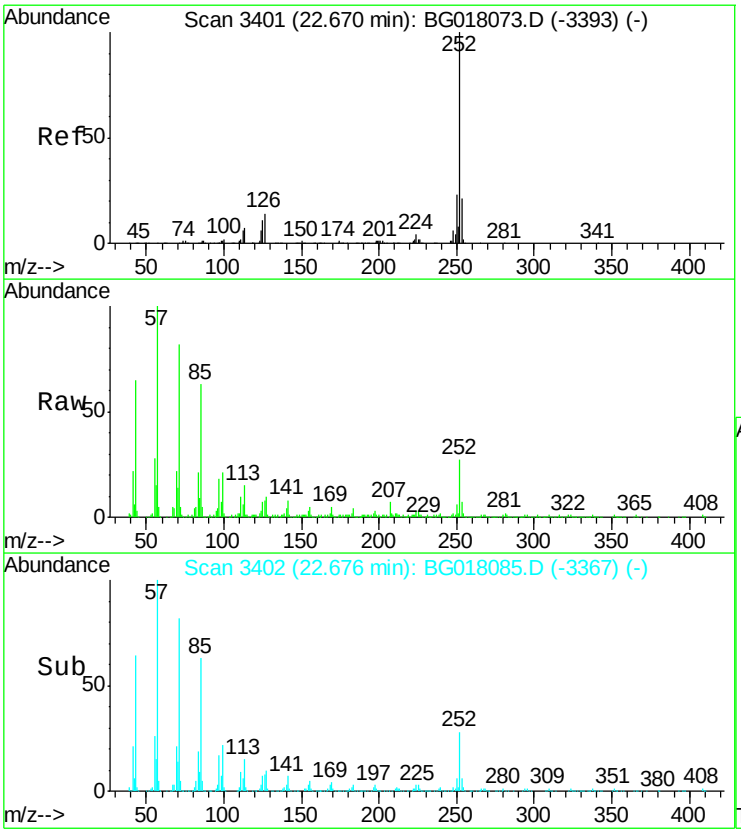
#85
Chrysene
Concen: 2.50 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:228 Resp: 45603

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.9	34.3
229	18.0	15.6	23.4

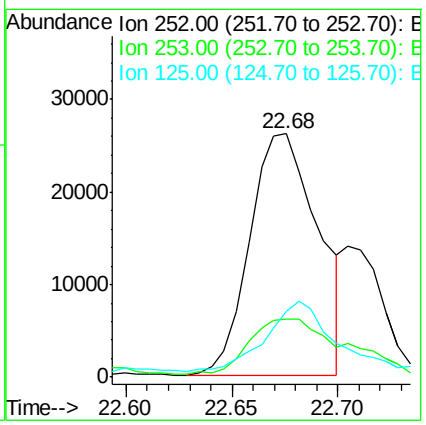


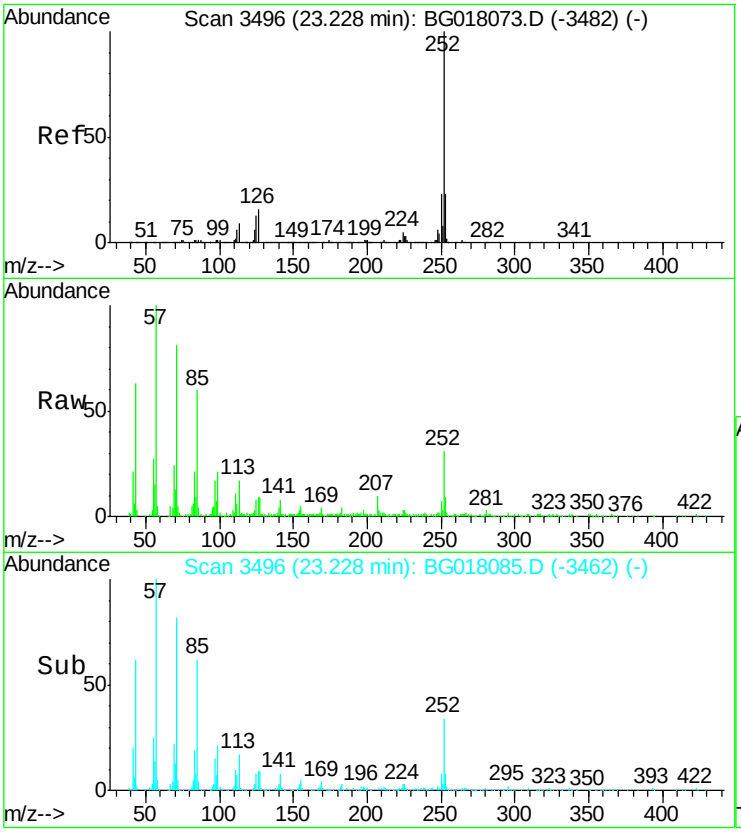


#88
Benzo(b)fluoranthene
Concen: 2.93 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:252 Resp: 58816

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	26.9	9.1	13.7#



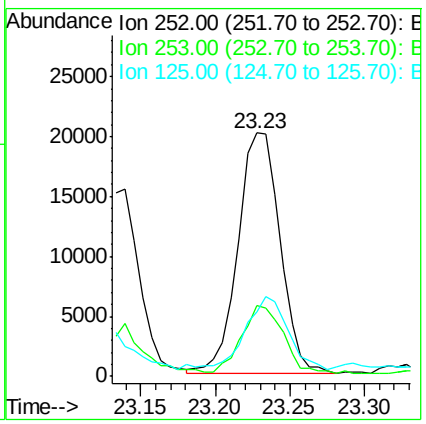


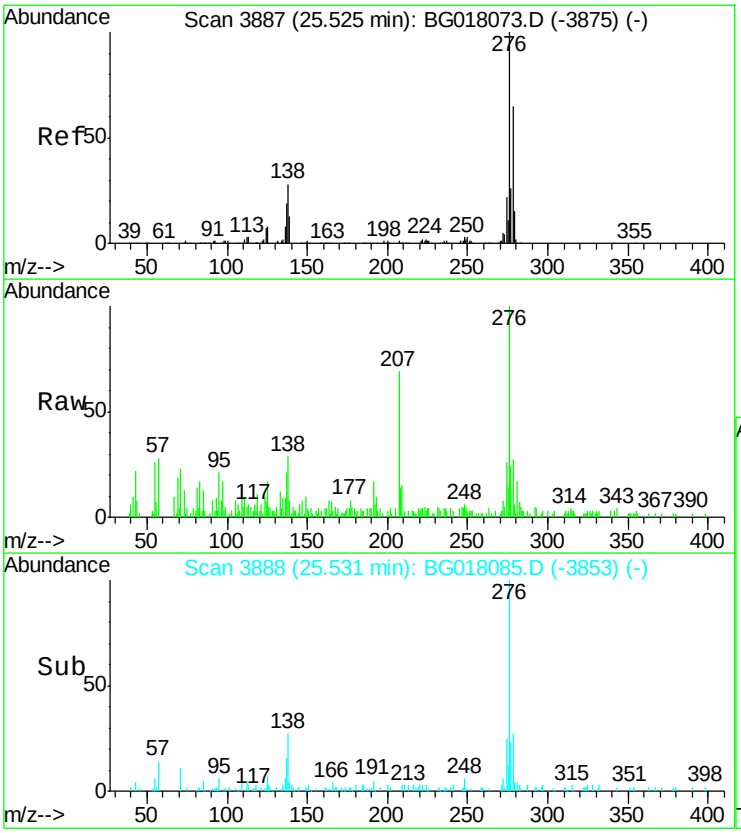
#91
Benzo(a)pyrene
Concen: 2.03 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:252 Resp: 39391

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.0	27.0#
125	26.3	10.2	15.2#

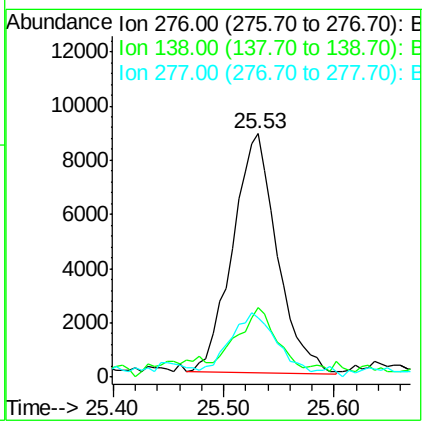


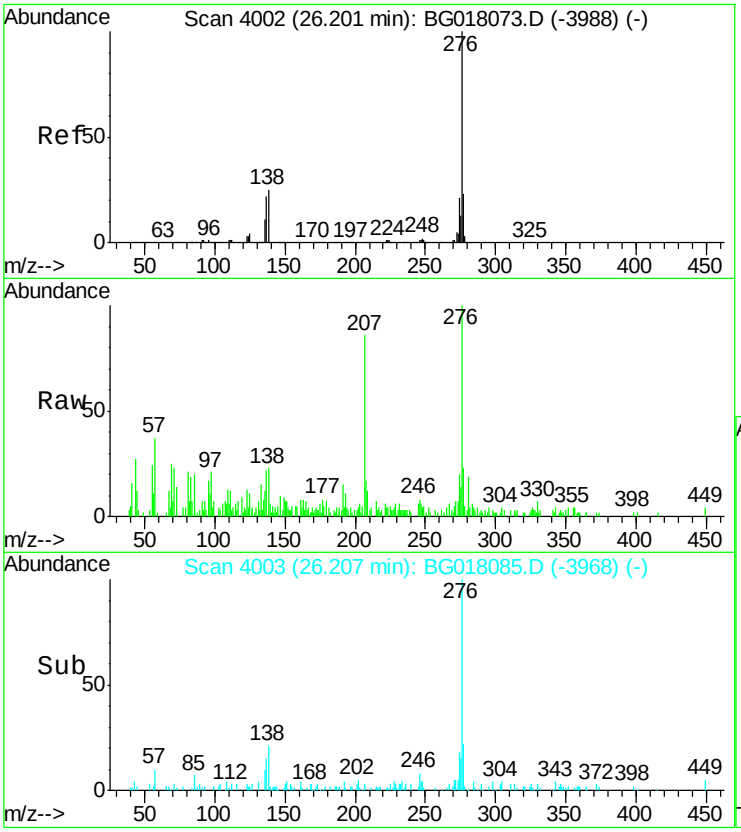


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.12 ng/ul
RT: 25.53 min Scan# 3888
Delta R.T. 0.01 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:276 Resp: 25051

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.6	33.8
277	24.2	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.31 ng/ul
RT: 26.21 min Scan# 4003
Delta R.T. 0.01 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Instrument :
BNA_G
ClientSampleId :
C02D8

Tgt Ion:276 Resp: 24170

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.8	28.2
277	23.0	19.3	28.9