Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017785.D
Acq On : 7 Jul 2015 00:51
Operator : TP/UM
Sample : G2860-16DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K1DL

Manual Integrations APPROVED
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Quant Time: Jul 07 04:16:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	88575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	410290	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	253330	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	508248	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	511567	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	514454	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	11905	1.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	6725	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	9283	1.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	8767	1.43	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	4912	1.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	5118	1.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	9164	1.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	5188	0.65	ng/ul	0.01
43) Dimethylphthalate-d6	13.68	166	26222	1.56	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	35555	1.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	3166	0.94	ng/ul	0.00
57) Fluorene-d10	15.26	176	28648	1.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	1318	0.56	ng/ul	0.00
70) Anthracene-d10	17.11	188	37964	1.64	ng/ul	0.00
78) Pyrene-d10	19.41	212	37296	1.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	35267	1.56	ng/ul	0.01
Target Compounds						Qvalue
49) Acenaphthene	14.32	153	22387	1.34	ng/ul	93
58) Fluorene	15.31	166	30006	1.51	ng/ul	88
69) Phenanthrene	17.05	178	335520	12.08	ng/ul	97
71) Anthracene	17.14	178	87552	3.06	ng/ul	97
76) Fluoranthene	19.07	202	389749	14.56	ng/ul	98
79) Pyrene	19.44	202	374237	11.99	ng/ul	97
82) Benzo(a)anthracene	21.20	228	153892	5.46	ng/ul	99
84) Chrysene	21.24	228	147000	5.51	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	171017	5.82	ng/ul#	96
88) Benzo(k)fluoranthene	22.80	252	58752m	2.12	ng/ul	
90) Benzo(a)pyrene	23.33	252	134902	4.83	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	83443	2.73	ng/ul	93
93) Benzo(g,h,i)perylene	26.38	276	92348	3.62	ng/ul#	92

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017785.D
Acq On : 7 Jul 2015 00:51
Operator : TP/UM
Sample : G2860-16DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 07 04:16:24 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G93K1DL

Manual Integrations APPROVED
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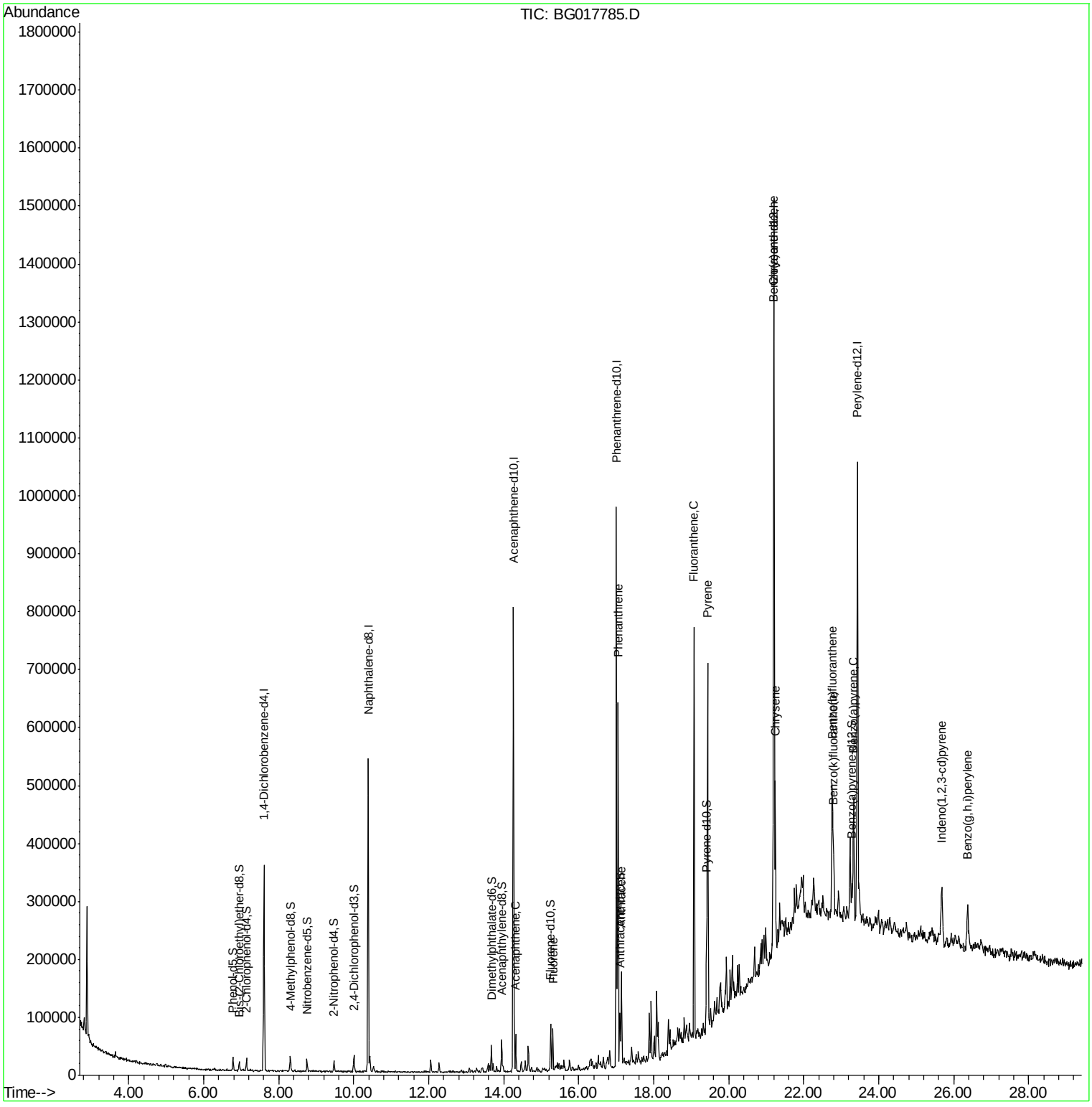
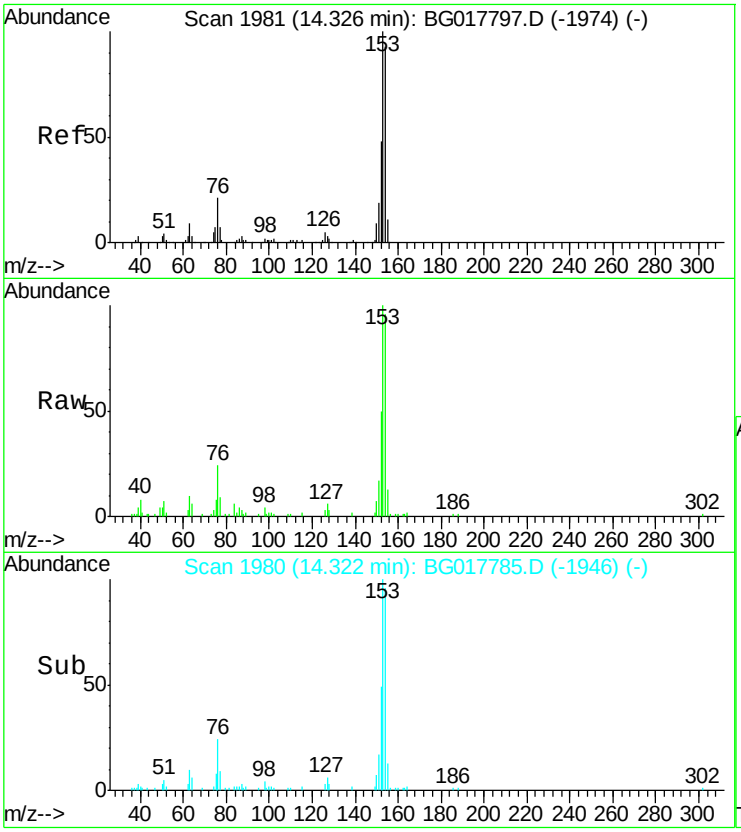
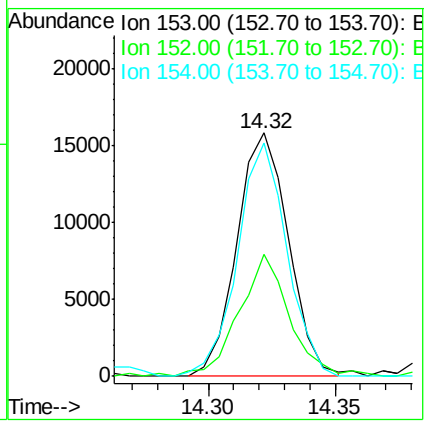




#49
Acenaphthene
Concen: 1.34 ng/ul
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:153 Resp: 22387

Ion	Ratio	Lower	Upper
153	100		
152	50.2	37.8	56.6
154	96.1	71.2	106.8



Instrument :
BNA_G
ClientSampleId :
G93K1DL

Manual Integrations APPROVED
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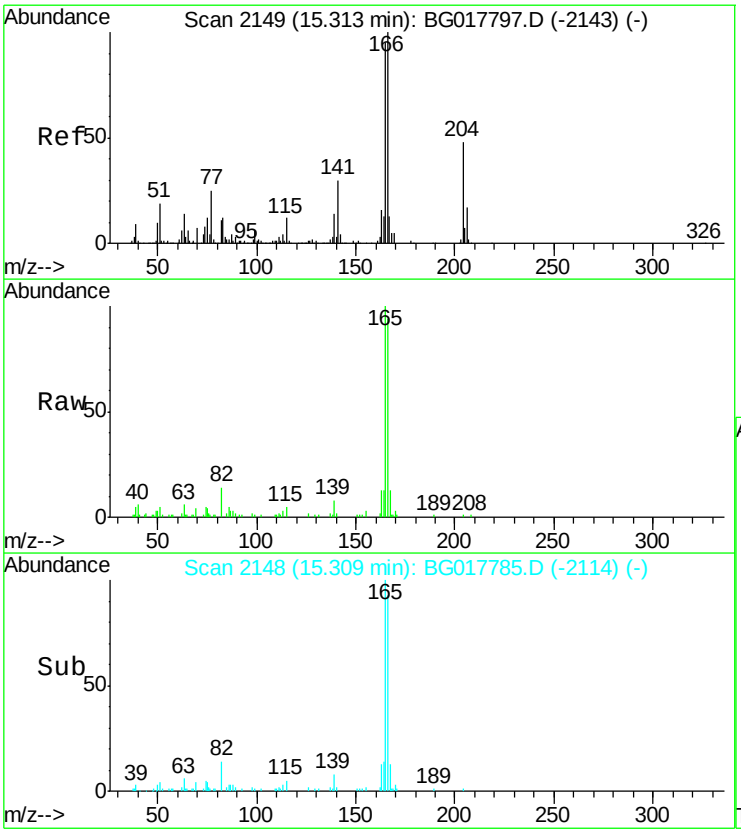
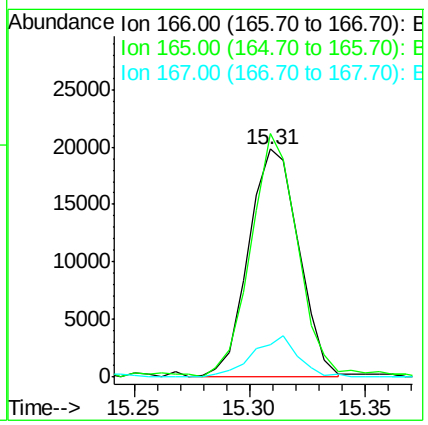
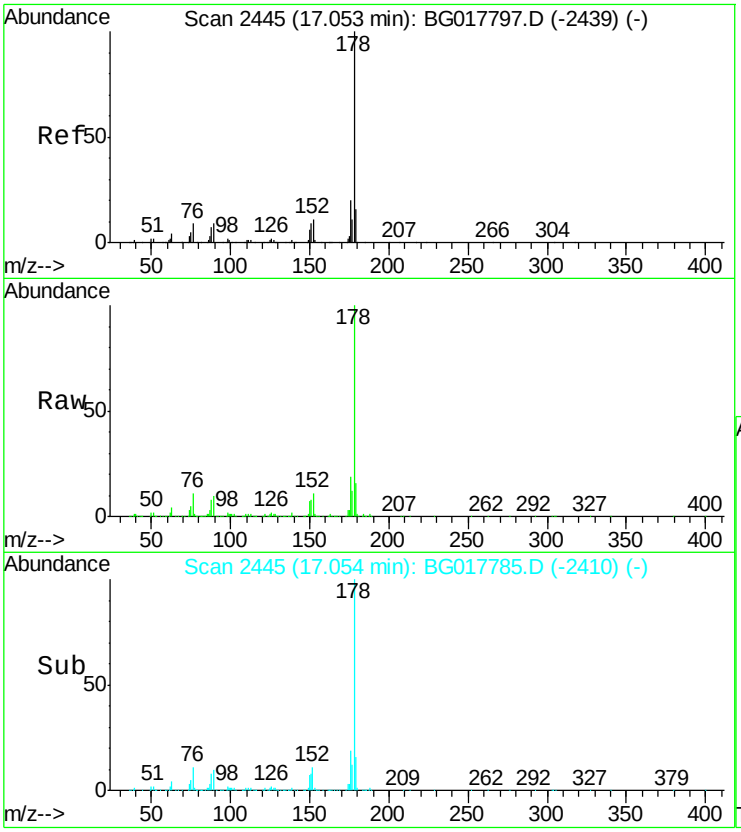


#58
Fluorene
Concen: 1.51 ng/ul
RT: 15.31 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:166 Resp: 30006

Ion	Ratio	Lower	Upper
166	100		
165	106.9	75.7	113.5
167	14.2	10.1	15.1

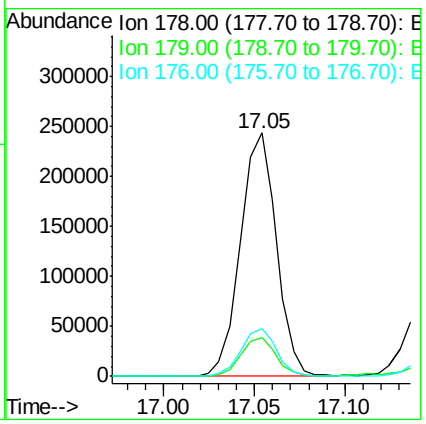




#69
Phenanthrene
Concen: 12.08 ng/ul
RT: 17.05 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:178 Resp: 335520

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.4	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
G93K1DL

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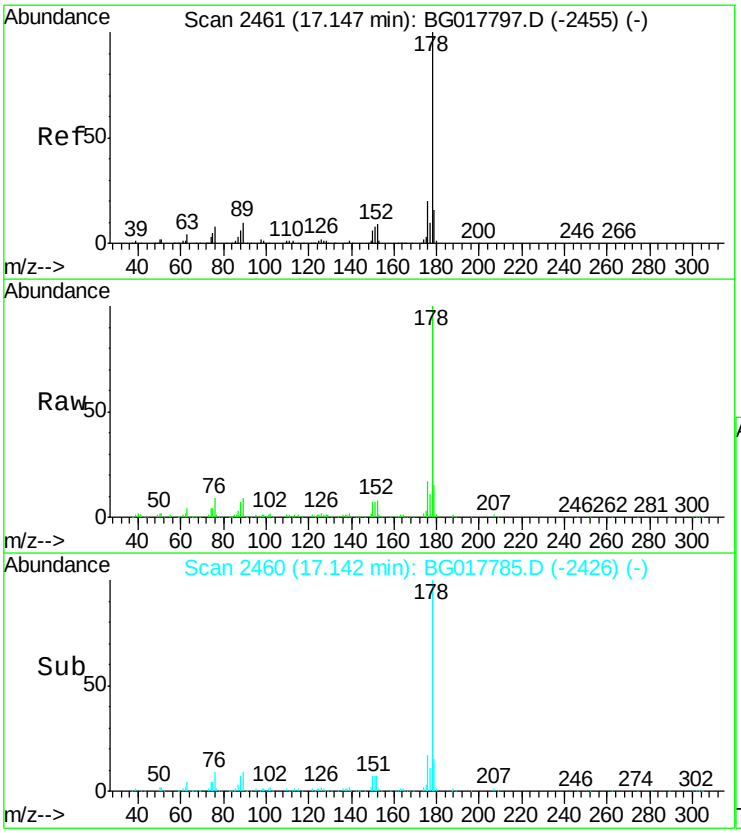
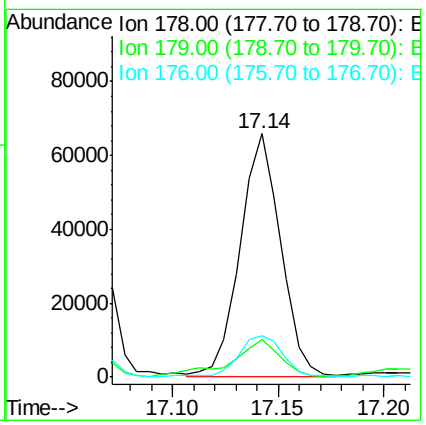
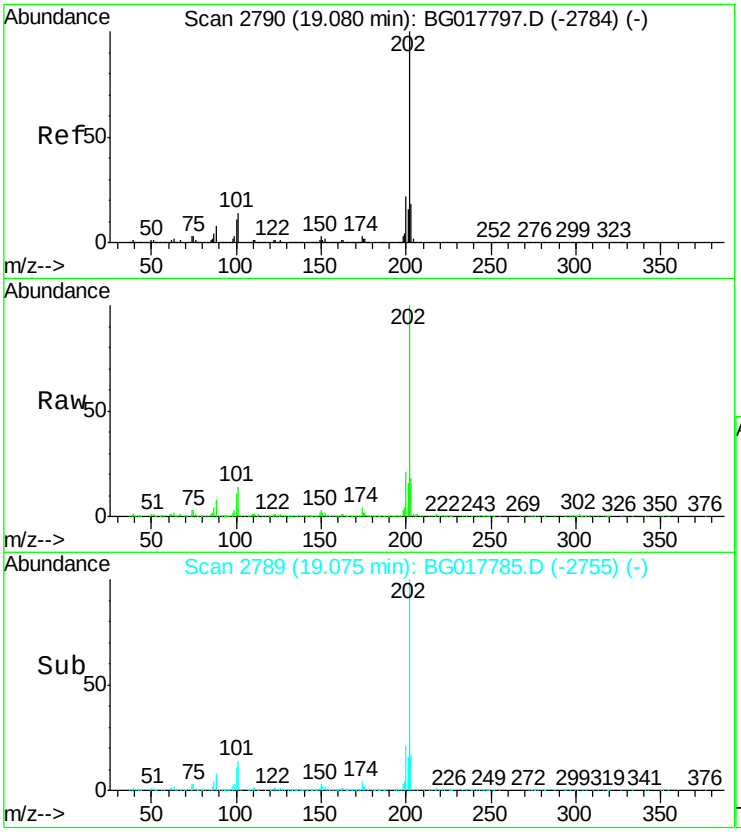


#71
Anthracene
Concen: 3.06 ng/ul
RT: 17.14 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:178 Resp: 87552

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	17.0	15.3	22.9

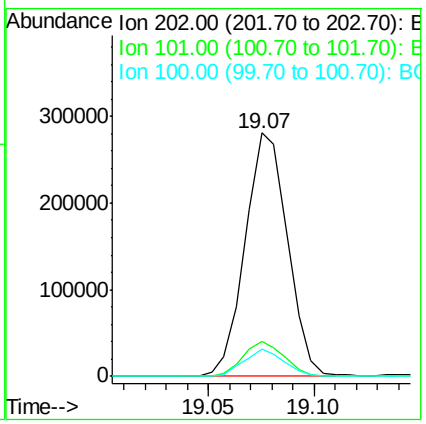




#76
Fluoranthene
Concen: 14.56 ng/ul
RT: 19.07 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:202 Resp: 389749

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.6	18.8
100	11.1	9.1	13.7



Instrument :
BNA_G
ClientSampleId :
G93K1DL

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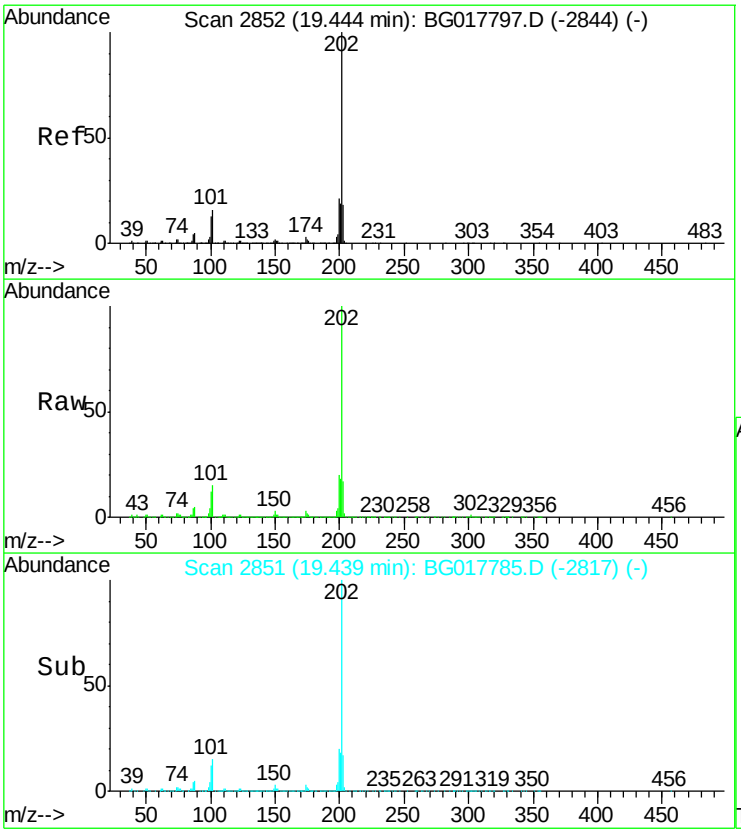
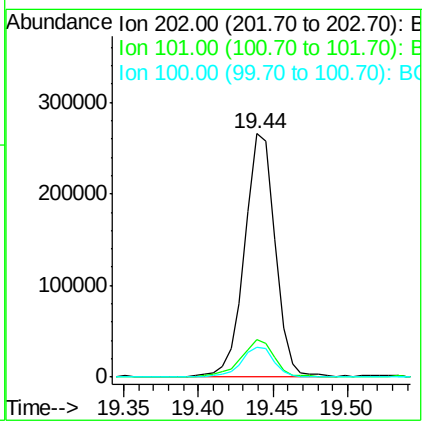
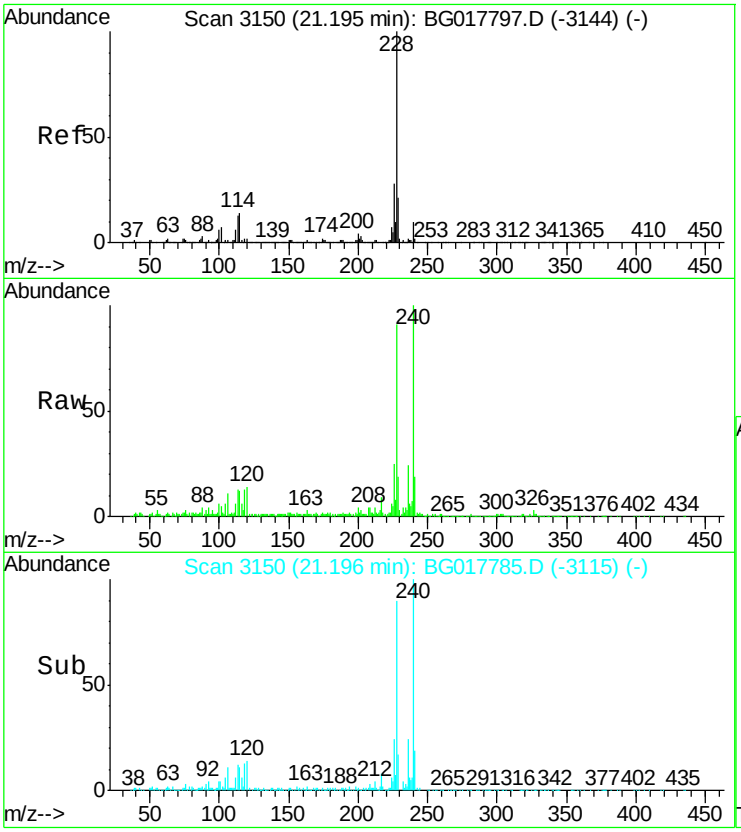


#79
Pyrene
Concen: 11.99 ng/ul
RT: 19.44 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:202 Resp: 374237

Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.1	19.7
100	12.4	11.3	16.9

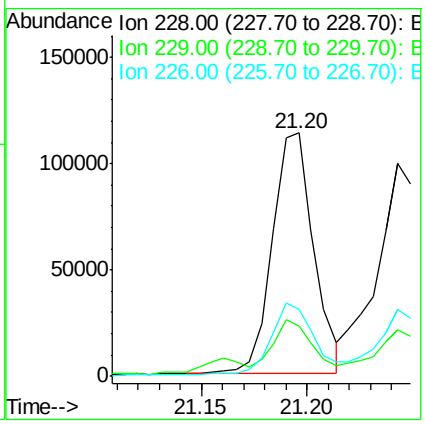




#82
Benzo(a)anthracene
Concen: 5.46 ng/ul
RT: 21.20 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:228 Resp: 153892

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.6	22.2	33.2



Instrument :
BNA_G
ClientSampleId :
G93K1DL

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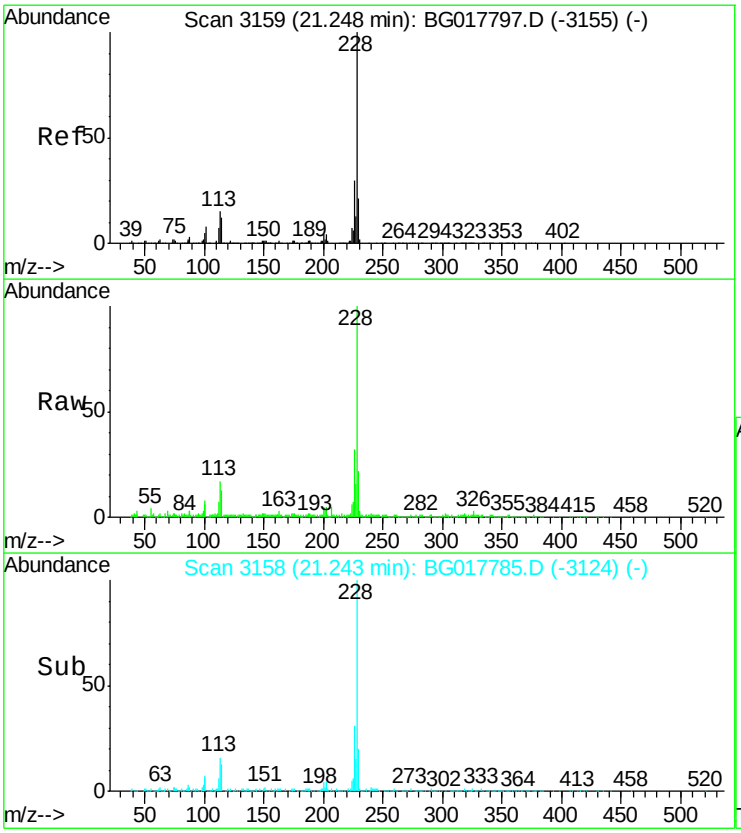
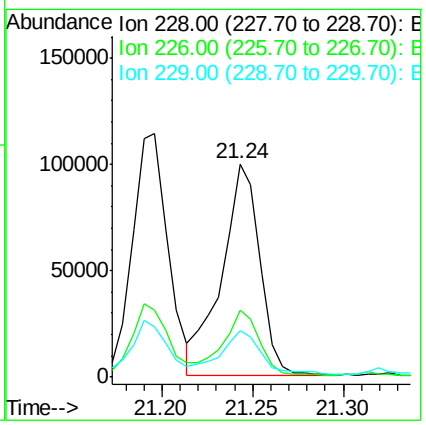
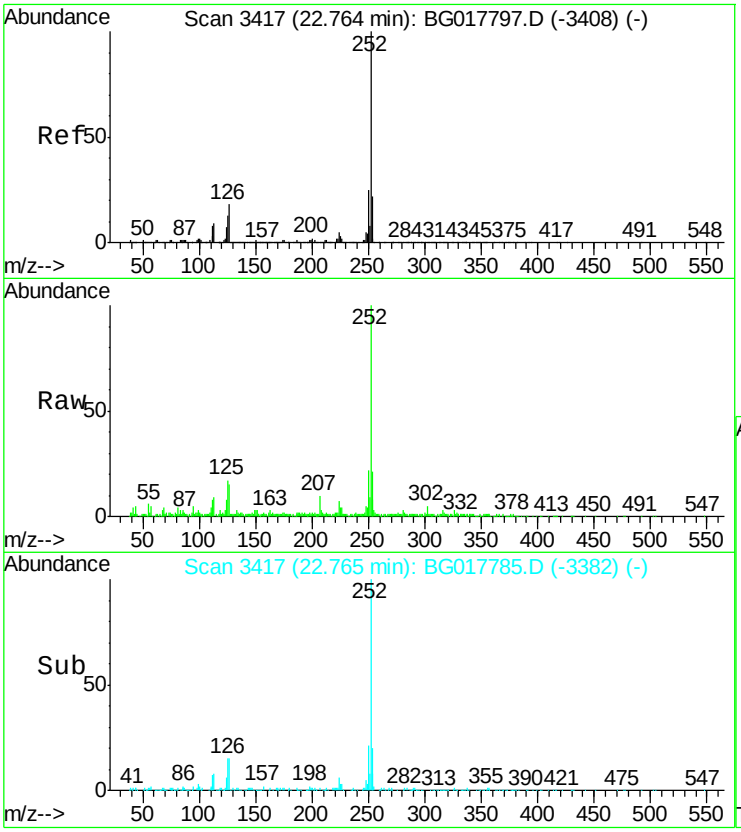


#84
Chrysene
Concen: 5.51 ng/ul
RT: 21.24 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:228 Resp: 147000

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	21.8	16.4	24.6

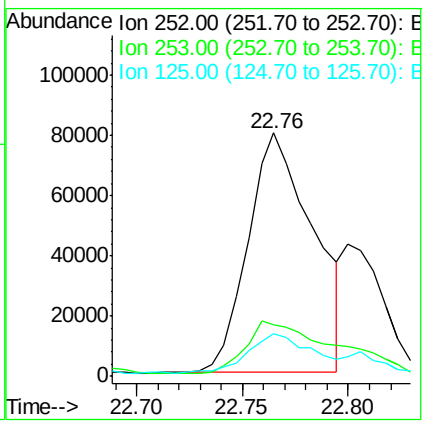




#87
Benzo(b)fluoranthene
Concen: 5.82 ng/ul
RT: 22.76 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:252 Resp: 171017

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	17.3	10.4	15.6#



Instrument :
BNA_G
ClientSampleId :
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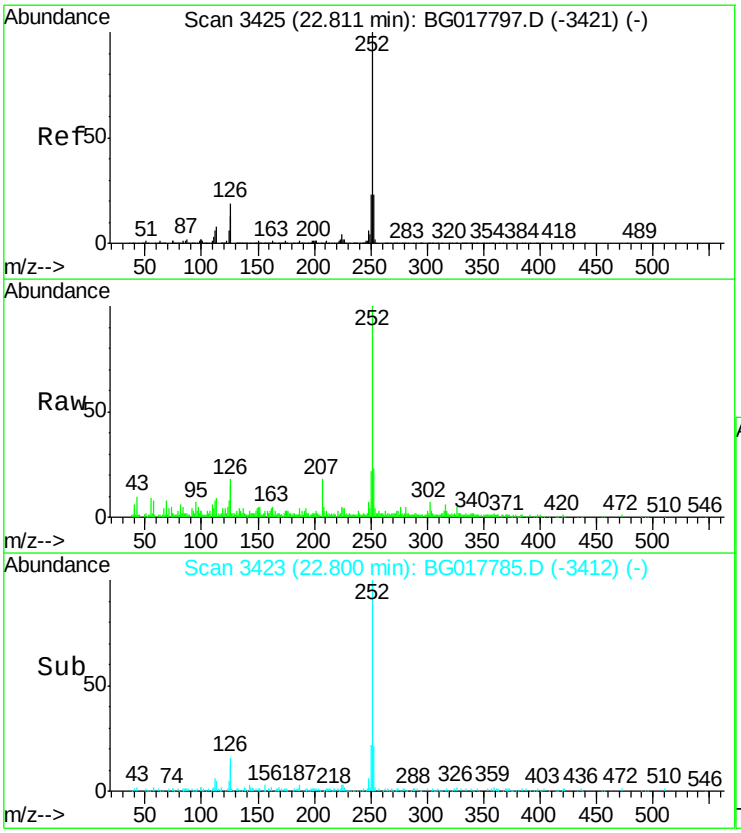
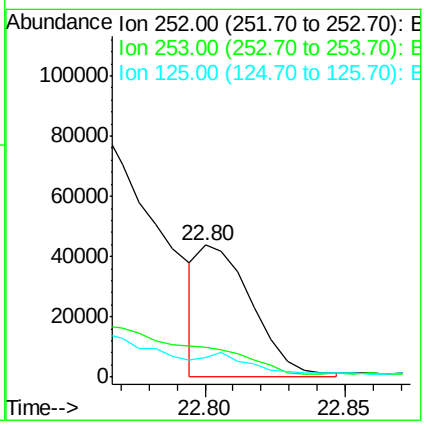
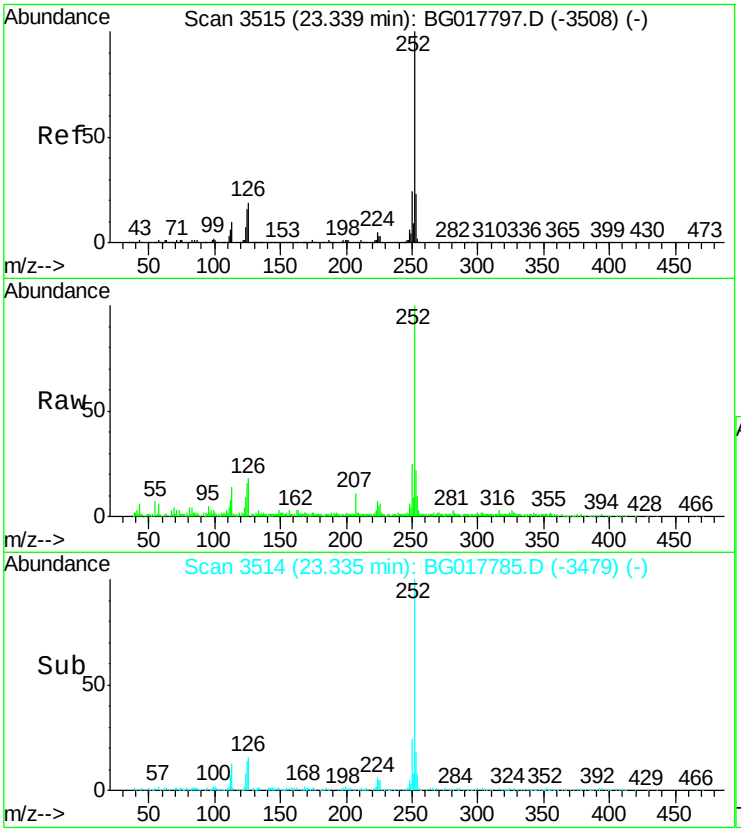


#88
Benzo(k)fluoranthene
Concen: 2.12 ng/ul m
RT: 22.80 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:252 Resp: 58752

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	15.2	11.6	17.4

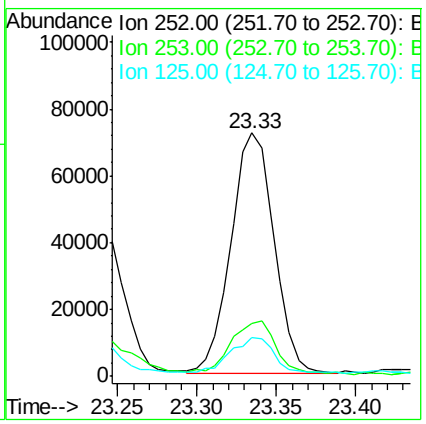




#90
Benzo(a)pyrene
Concen: 4.83 ng/ul
RT: 23.33 min Scan# 3514
Delta R.T. 0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:252 Resp: 134902

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	16.0	12.1	18.1



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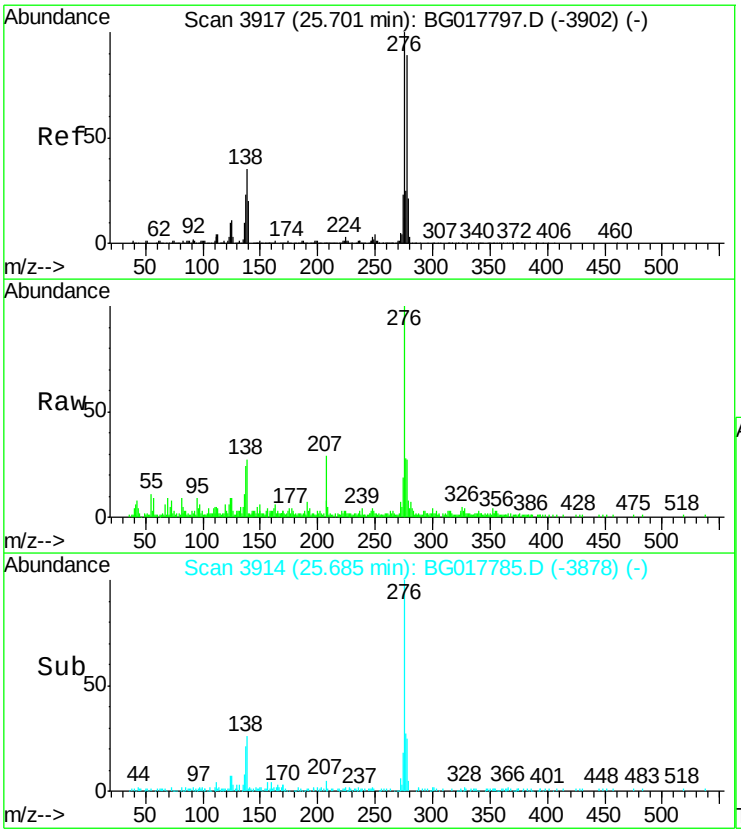
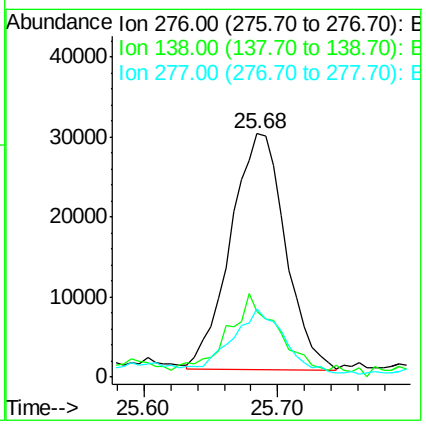
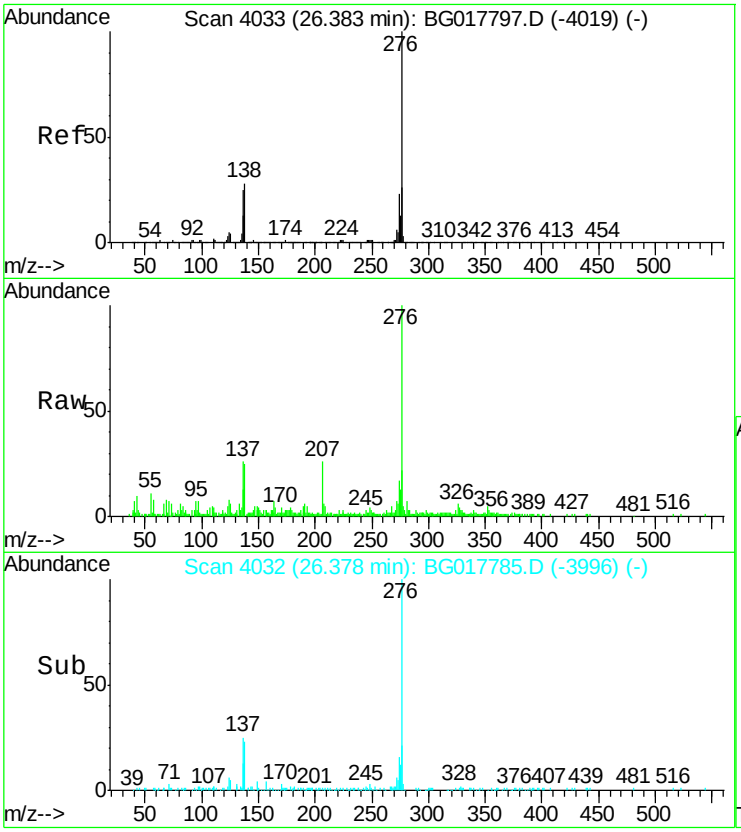


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.73 ng/ul
RT: 25.68 min Scan# 3914
Delta R.T. 0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:276 Resp: 83443

Ion	Ratio	Lower	Upper
276	100		
138	27.0	26.1	39.1
277	28.0	20.9	31.3

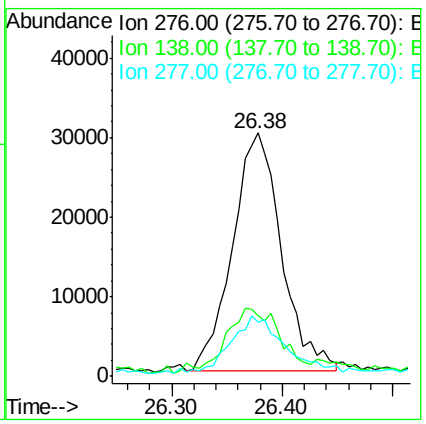




#93
Benzo(g,h,i)perylene
Concen: 3.62 ng/ul
RT: 26.38 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BG017785.D
Acq: 7 Jul 2015 00:51

Tgt Ion:276 Resp: 92348

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.1	37.7#
277	22.4	18.7	28.1



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