Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021325.D
Acq On : 6 Mar 2016 4:23
Operator : UM/SJ
Sample : H1650-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C140

Manual Integrations APPROVED
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Quant Time: Mar 07 06:15:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 04:51:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11213	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	54943	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	33223	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	75308	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	80909	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	75640	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	520	1.88	ng/uL	0.00
5) Phenol-d5	7.27	99	13016	10.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	9523	12.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	9330	11.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	9467	10.10	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	5122	11.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	5183	10.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	9054	10.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	6470	6.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	33751	12.12	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	41695	12.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4732	8.72	ng/ul	0.00
58) Fluorene-d10	15.72	176	31455	12.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	4604	8.52	ng/ul	0.00
71) Anthracene-d10	17.57	188	47262	12.62	ng/ul	0.00
79) Pyrene-d10	19.84	212	53094	12.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	51262	12.55	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.18	163	9014	3.01	ng/ul#	99
70) Phenanthrene	17.51	178	6894	1.52	ng/ul#	90
77) Fluoranthene	19.51	202	13900	2.62	ng/ul	96
80) Pyrene	19.87	202	12821	2.36	ng/ul	96
83) Benzo(a)anthracene	21.71	228	7715	1.47	ng/ul	91
84) Bis(2-ethylhexyl)phthalate	21.60	149	8449	2.31	ng/ul#	99
85) Chrysene	21.77	228	8037	1.64	ng/ul	95
88) Benzo(b)fluoranthene	23.95	252	11661	2.23	ng/ul#	86
91) Benzo(a)pyrene	24.83	252	8734	1.73	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.66	276	7409m	1.35	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	8047m	1.75	ng/ul	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021325.D
Acq On : 6 Mar 2016 4:23
Operator : UM/SJ
Sample : H1650-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 07 06:15:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 04:51:57 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MS-SS-C140

Manual Integrations APPROVED
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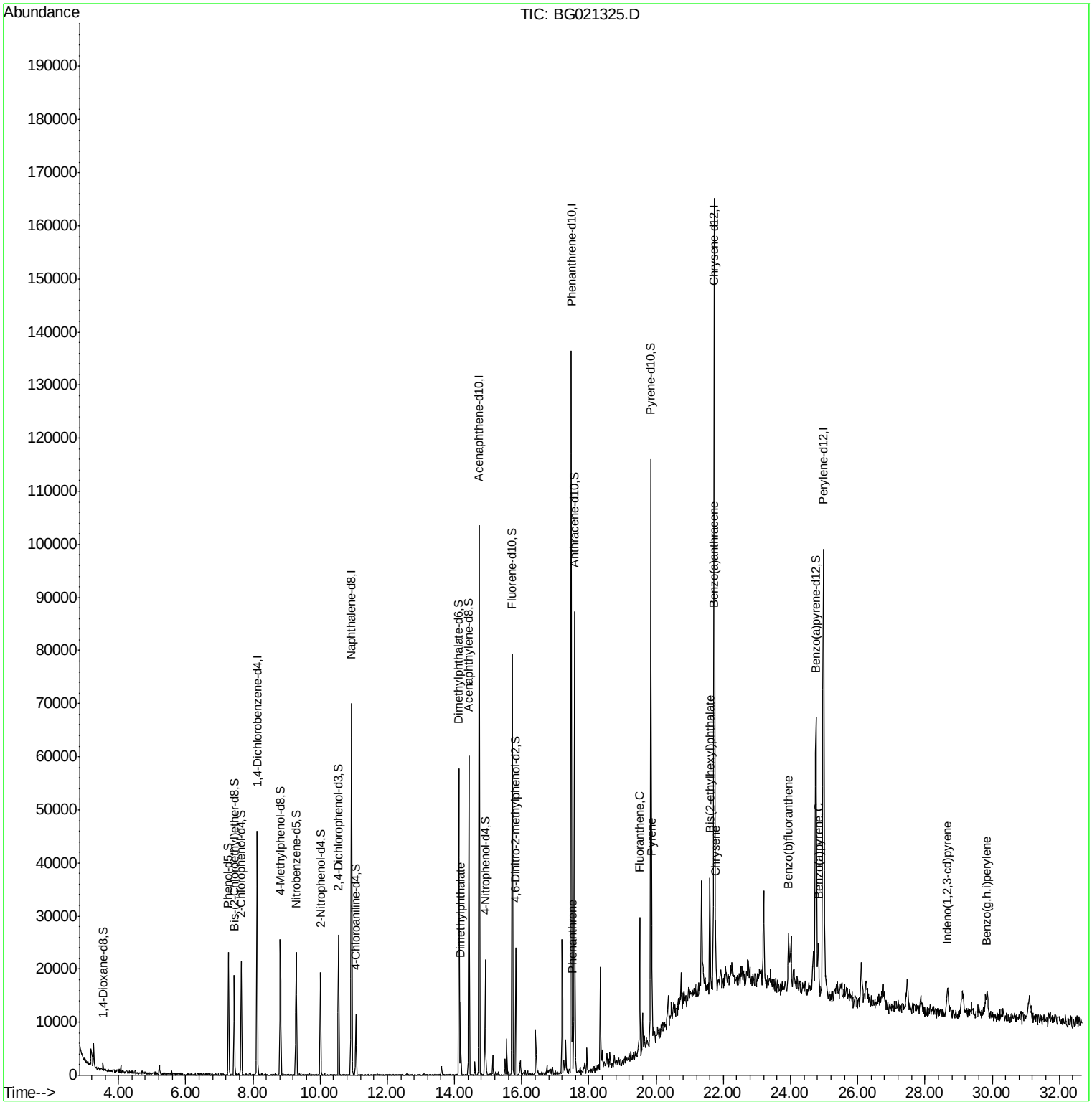
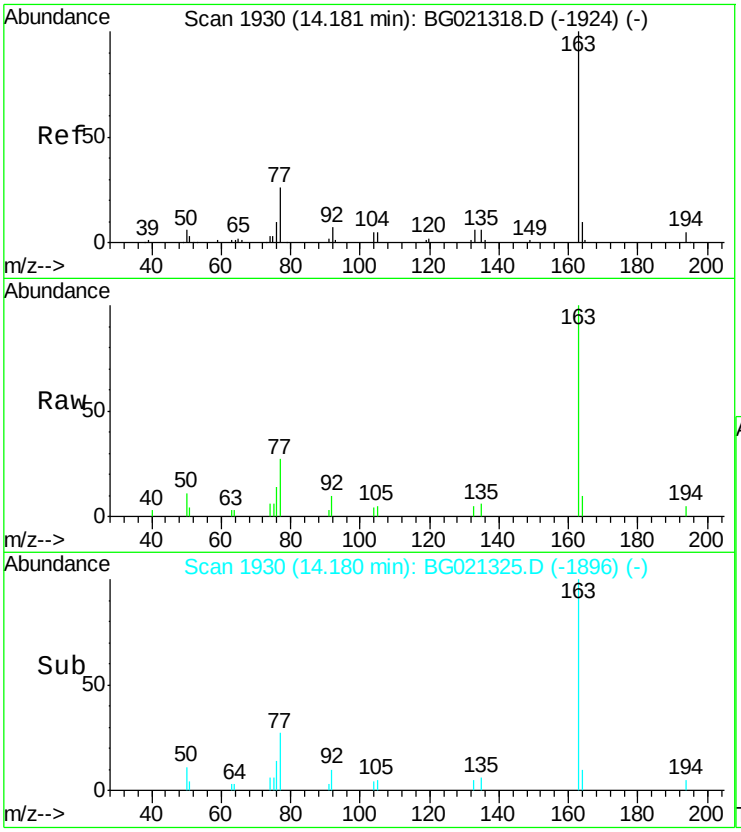
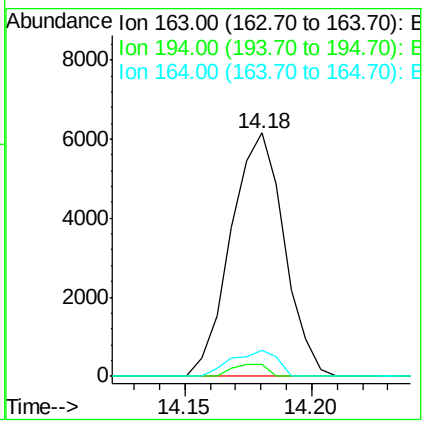




#45
Dimethylphthalate
Concen: 3.01 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:163 Resp: 9014

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.8	4.2#
164	10.5	8.2	12.2



Instrument :
BNA_G
ClientSampleId :
MS-SS-C140

Manual Integrations APPROVED
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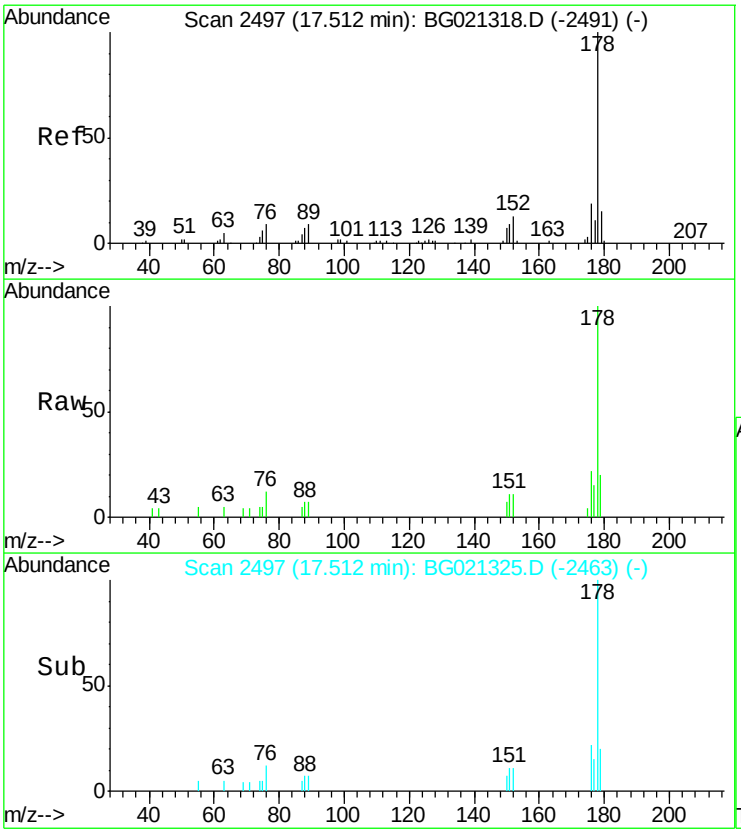
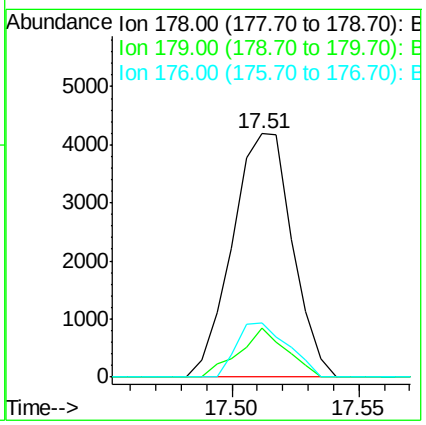
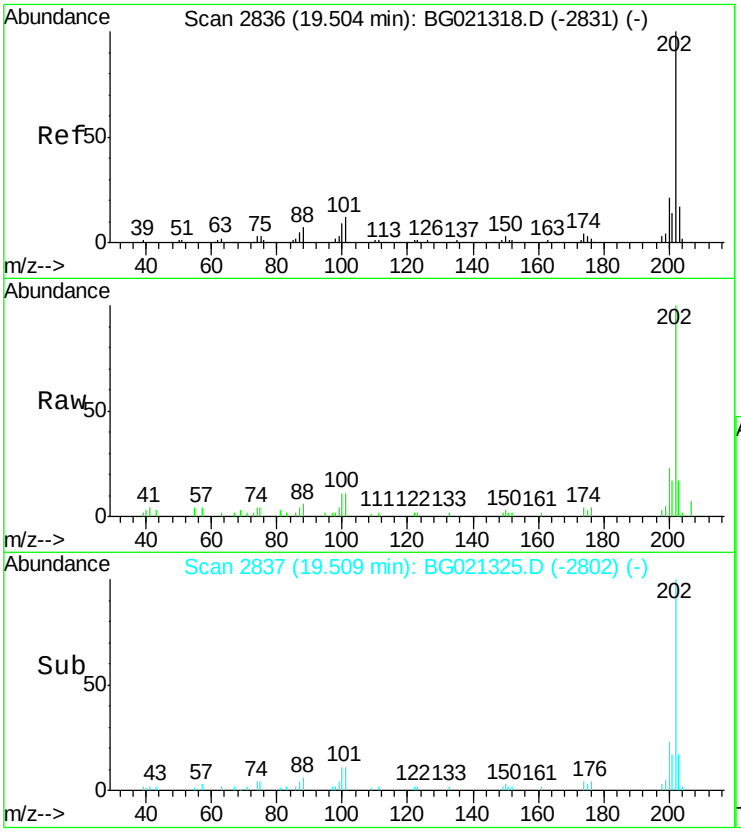


#70
Phenanthrene
Concen: 1.52 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:178 Resp: 6894

Ion	Ratio	Lower	Upper
178	100		
179	20.4	12.3	18.5#
176	22.3	15.1	22.7

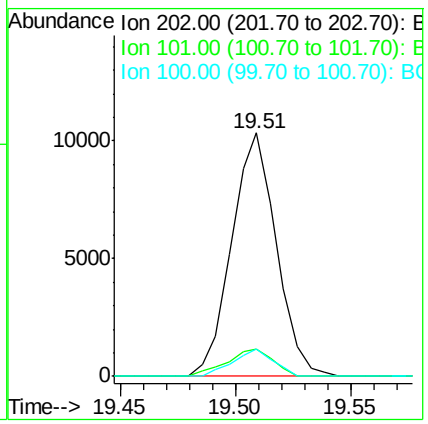




#77
Fluoranthene
Concen: 2.62 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.01 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:202 Resp: 13900

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.9	14.9
100	11.0	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
MS-SS-C140

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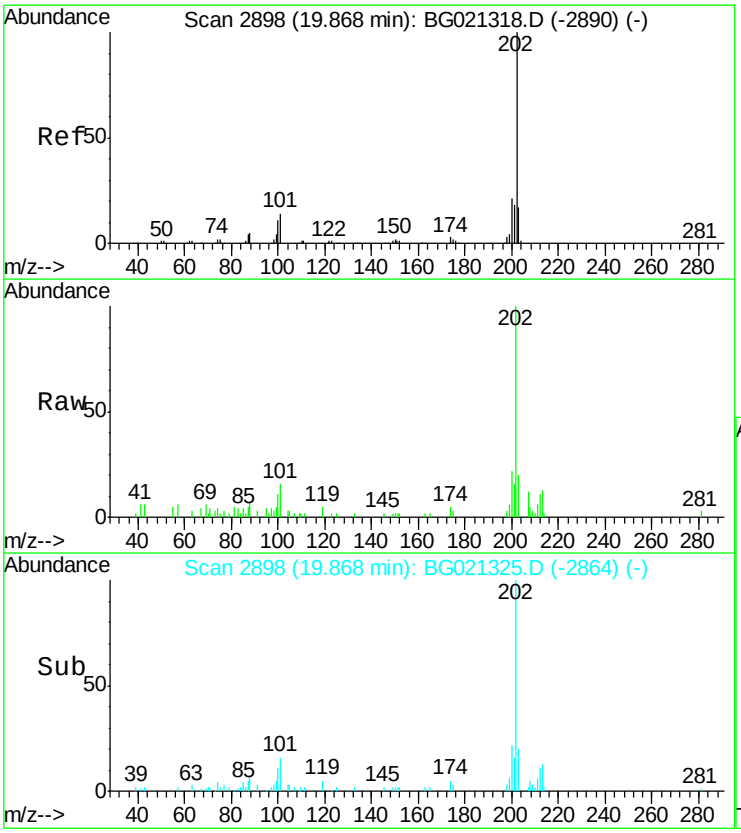
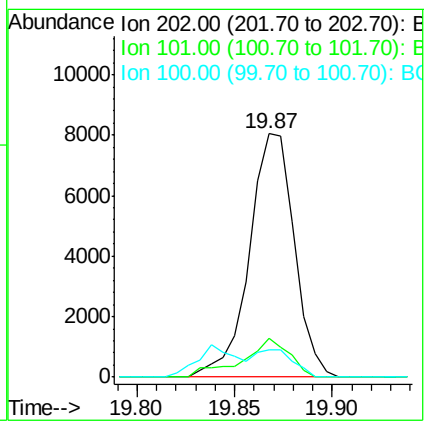
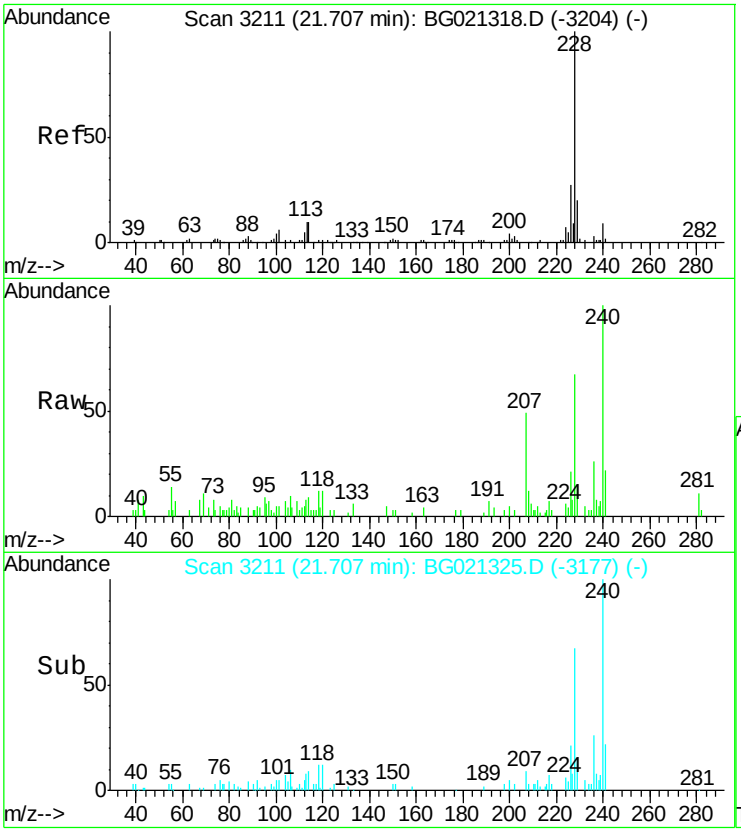


#80
Pyrene
Concen: 2.36 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:202 Resp: 12821

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.0	16.4
100	11.4	8.1	12.1





#83
Benzo(a)anthracene
Concen: 1.47 ng/ul
RT: 21.71 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:228 Resp: 7715

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	31.6	21.1	31.7

Instrument :
BNA_G
ClientSampleId :
MS-SS-C140

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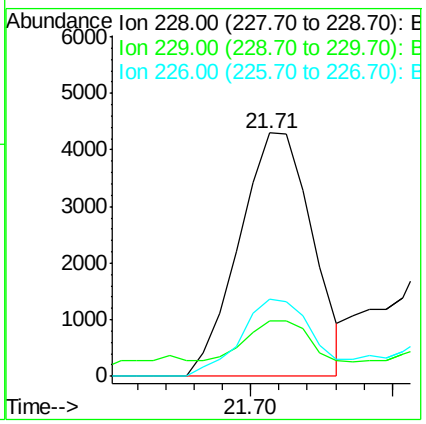
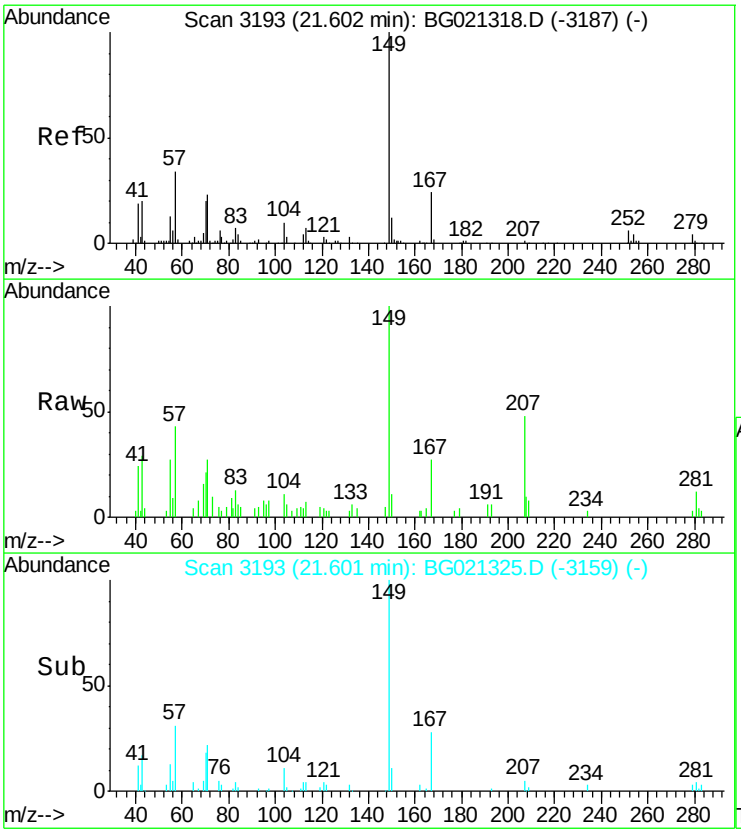
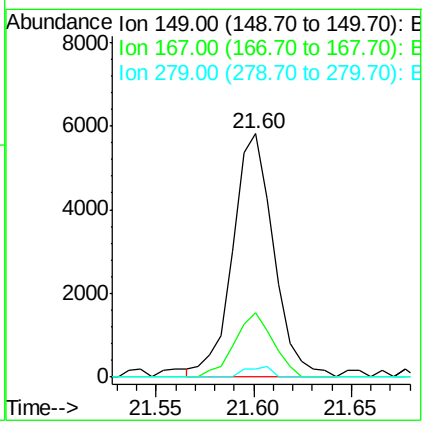


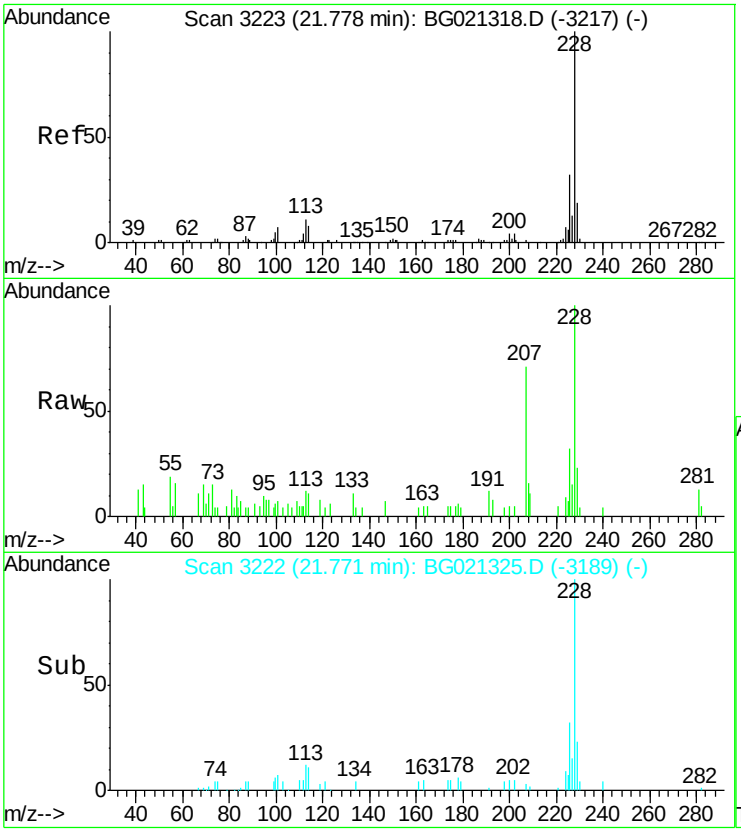


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.31 ng/ul
RT: 21.60 min Scan# 3193
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:149 Resp: 8449

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.2	31.8
279	3.3	3.4	5.0#





#85
Chrysene
Concen: 1.64 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:228 Resp: 8037

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.5	36.7
229	23.1	15.8	23.8

Instrument :
BNA_G
ClientSampleId :
MS-SS-C140

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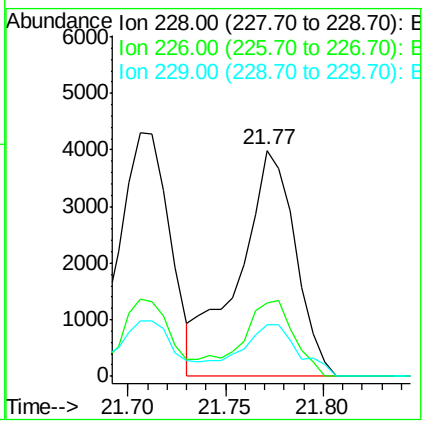
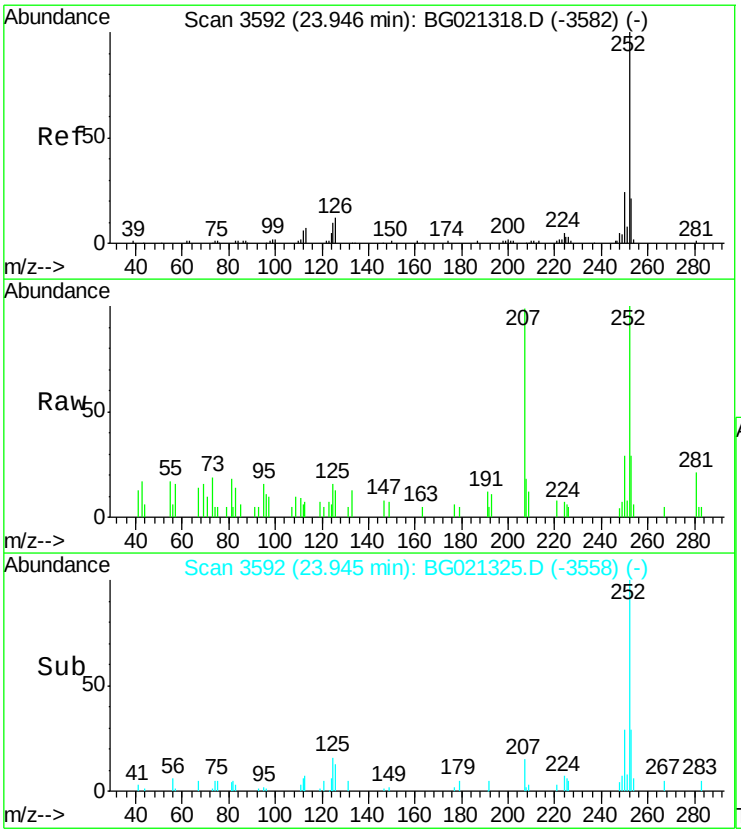
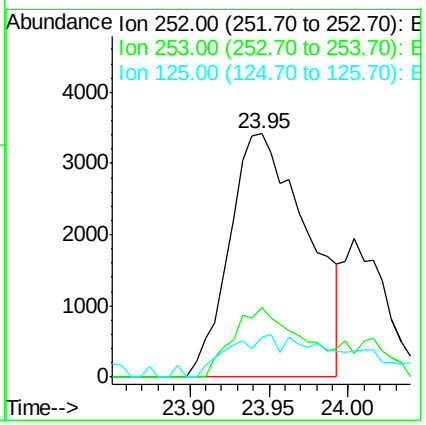


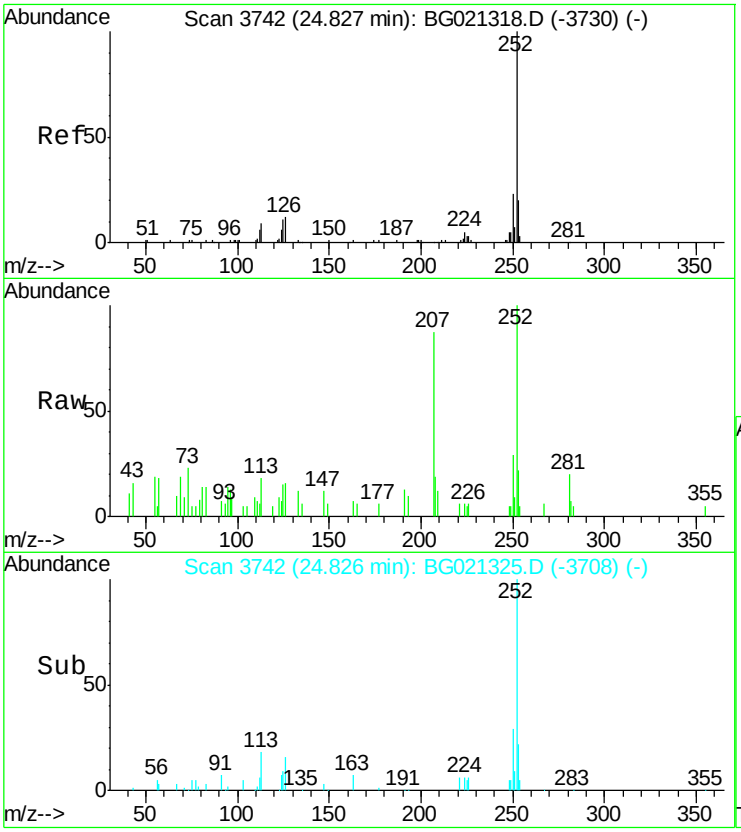


#88
Benzo(b)fluoranthene
Concen: 2.23 ng/ul
RT: 23.95 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:252 Resp: 11661

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.0	27.0#
125	16.5	8.0	12.0#

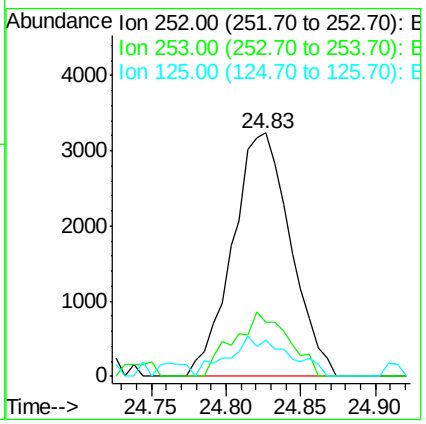




#91
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 24.83 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:252 Resp: 8734

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.7	8.2	12.4#



Instrument :
BNA_G
ClientSampleId :
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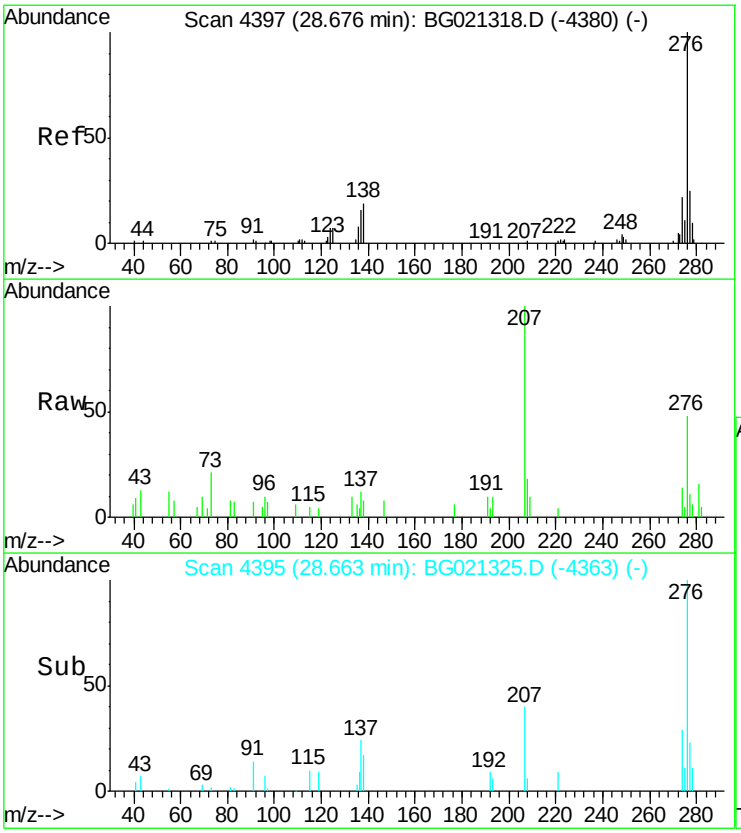
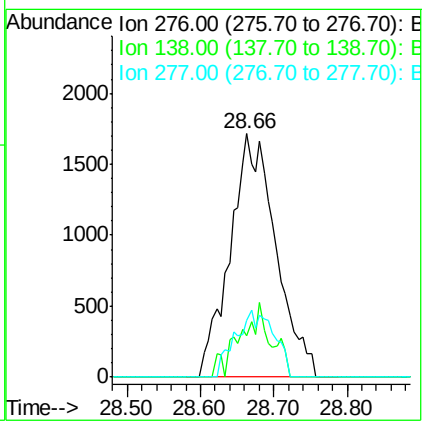
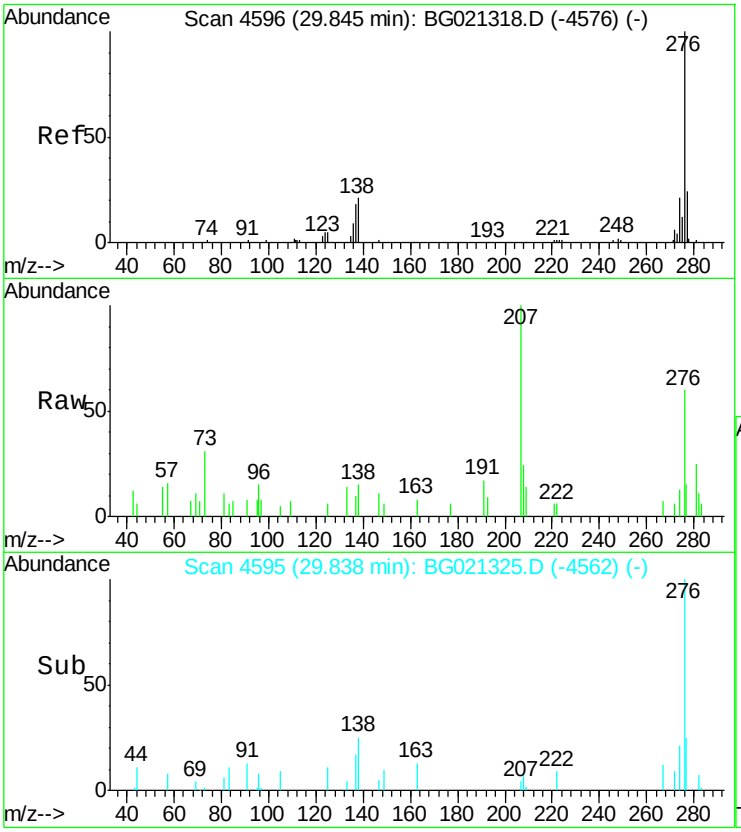


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.35 ng/ul m
RT: 28.66 min Scan# 4395
Delta R.T. -0.01 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:276 Resp: 7409

Ion	Ratio	Lower	Upper
276	100		
138	16.9	14.4	21.6
277	23.2	18.0	27.0

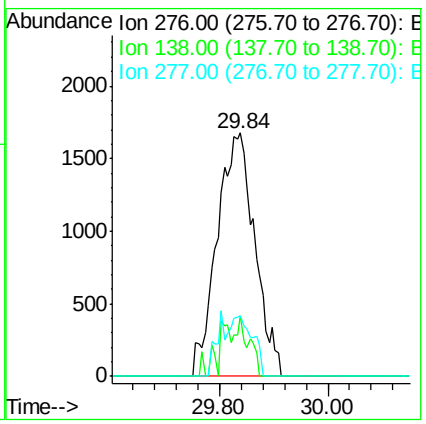




#94
Benzo(g,h,i)perylene
Concen: 1.75 ng/ul m
RT: 29.84 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BG021325.D
Acq: 6 Mar 2016 4:23

Tgt Ion:276 Resp: 8047

Ion	Ratio	Lower	Upper
276	100		
138	24.7	15.3	22.9#
277	25.1	19.0	28.4



Instrument :
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ClientSampleId :
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