

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021323.D
 Acq On : 6 Mar 2016 3:05
 Operator : UM/SJ
 Sample : H1650-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-B140

Manual Integrations
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Quant Time: Mar 07 05:53:22 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	11805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	57439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	33203	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	76399	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	82180	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	77720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	691	2.38	ng/uL	0.00
5) Phenol-d5	7.27	99	18631	14.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	13221	15.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13476	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	14190	14.37	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	6938	14.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7418	14.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	12836	14.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	4456	3.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	43755	15.73	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	57307	16.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5903	10.88	ng/ul	0.00
58) Fluorene-d10	15.72	176	41029	16.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6444	11.75	ng/ul	0.00
71) Anthracene-d10	17.57	188	63060	16.60	ng/ul	0.00
79) Pyrene-d10	19.84	212	71384	17.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	67173	16.01	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.18	163	19717	6.59	ng/ul#	98
50) Acenaphthene	14.80	153	2686	1.09	ng/ul	92
70) Phenanthrene	17.51	178	42900	9.33	ng/ul	98
72) Anthracene	17.60	178	9883	2.13	ng/ul	98
77) Fluoranthene	19.51	202	52527	9.77	ng/ul	99
80) Pyrene	19.87	202	42646	7.74	ng/ul#	97
83) Benzo(a)anthracene	21.71	228	25680	4.82	ng/ul	99
85) Chrysene	21.78	228	22773	4.58	ng/ul	97
88) Benzo(b)fluoranthene	23.94	252	25283	4.70	ng/ul	97
89) Benzo(k)fluoranthene	24.00	252	10250m	1.98	ng/ul	
91) Benzo(a)pyrene	24.82	252	19296	3.71	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.67	276	11786m	2.09	ng/ul	
94) Benzo(g,h,i)perylene	29.82	276	11330	2.40	ng/ul	98

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

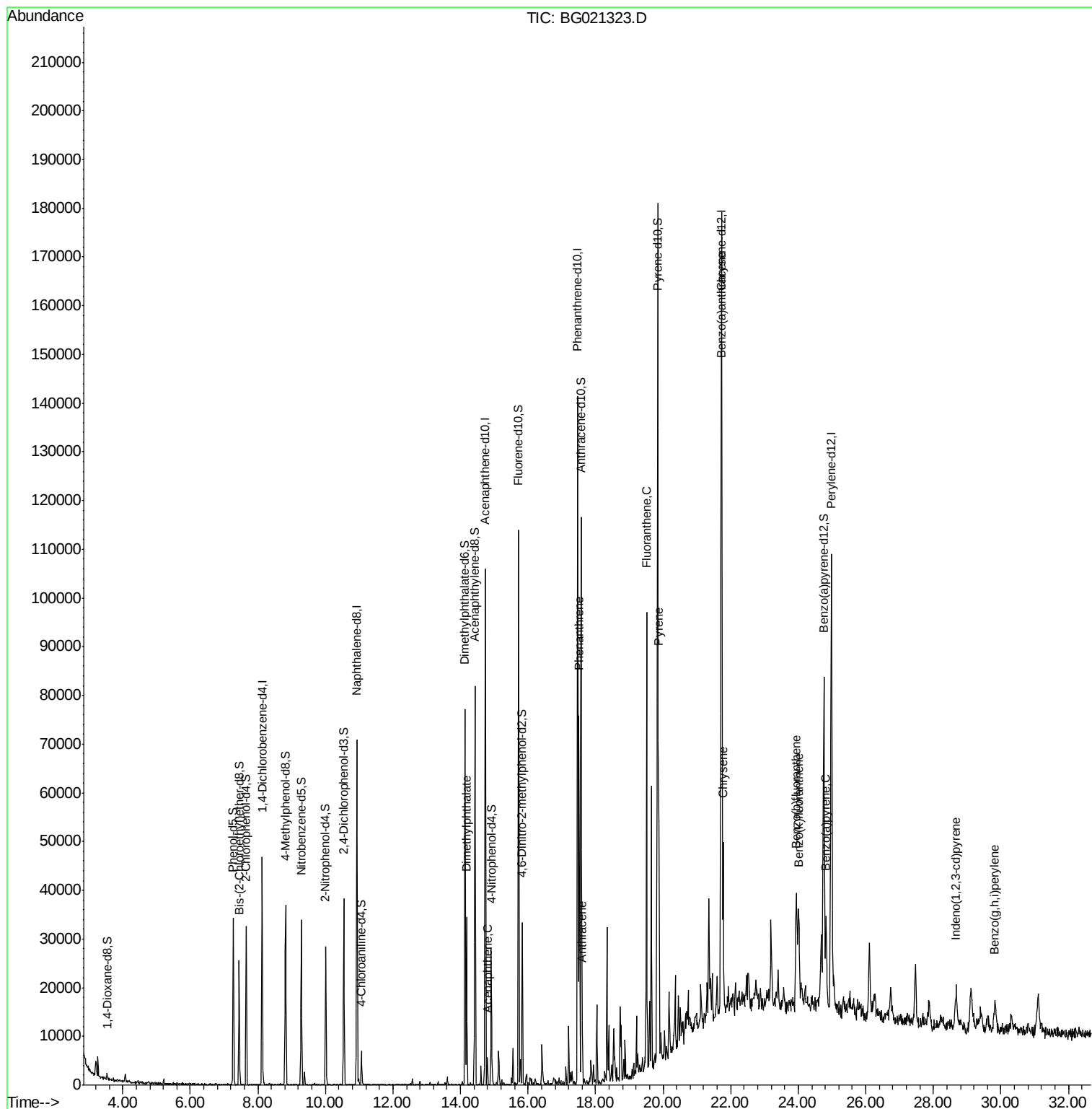
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021323.D
Acq On : 6 Mar 2016 3:05
Operator : UM/SJ
Sample : H1650-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

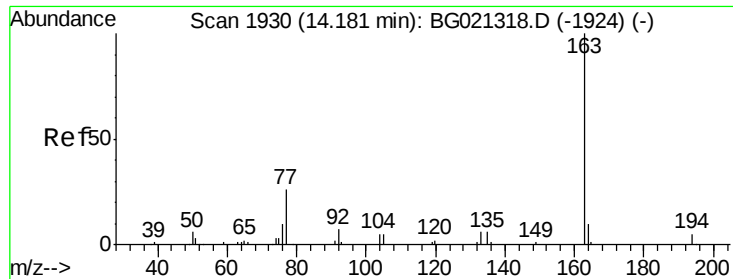
Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

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Quant Time: Mar 07 05:53:22 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





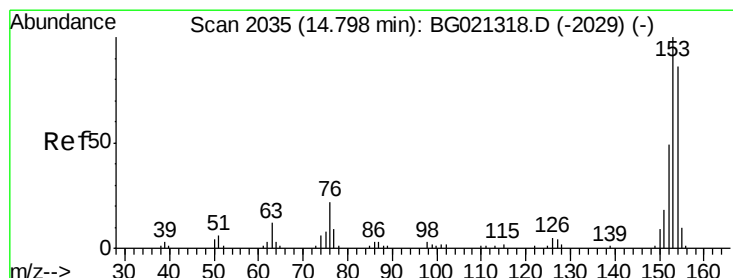
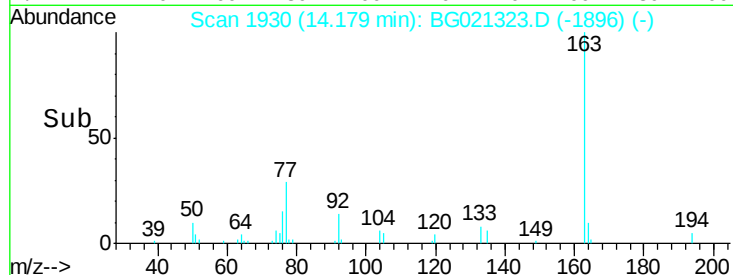
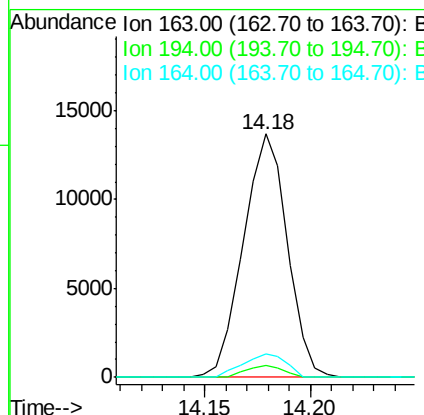
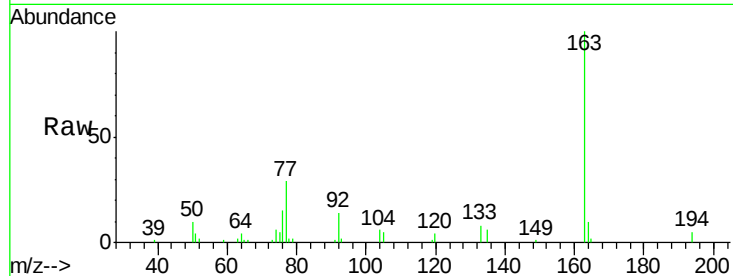
#45
Dimethylphthalate
Concen: 6.59 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	19717		
194	4.9	2.8	4.2#	
164	9.9	8.2	12.2	

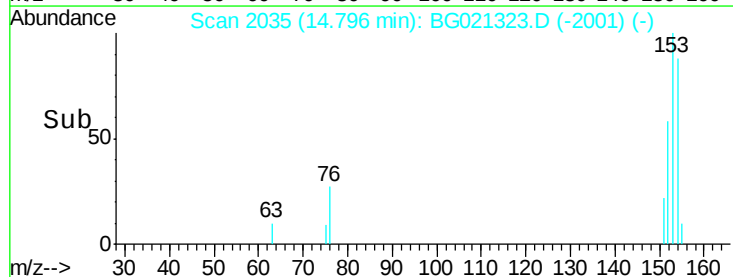
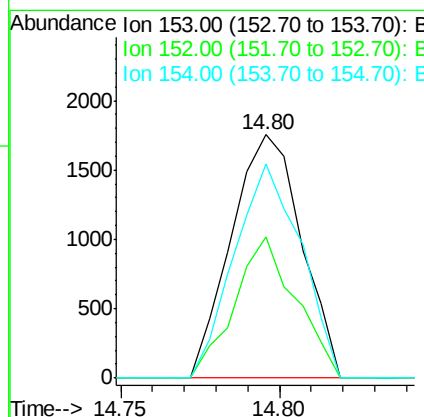
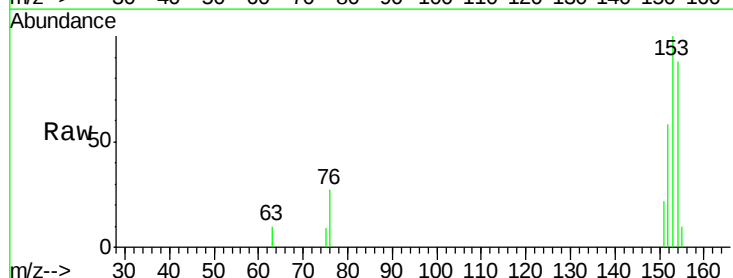
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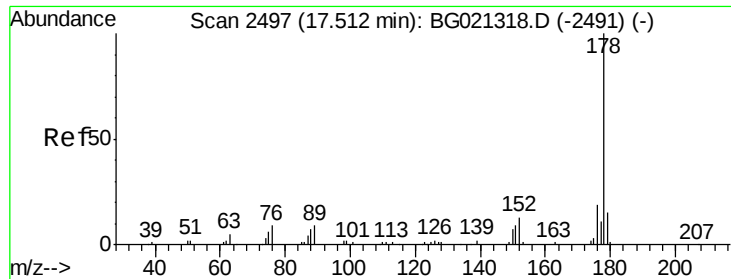
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#50
Acenaphthene
Concen: 1.09 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	2686		
152	57.8	39.0	58.6	
154	87.8	66.8	100.2	





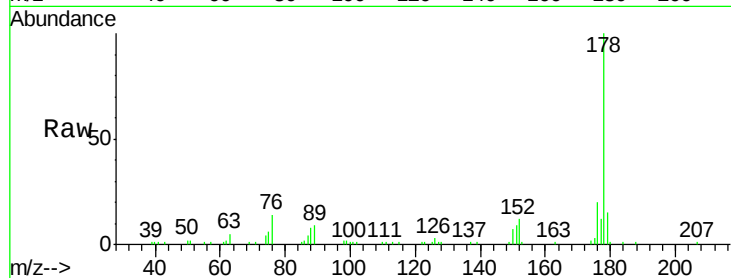
#70
Phenanthrene
Concen: 9.33 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

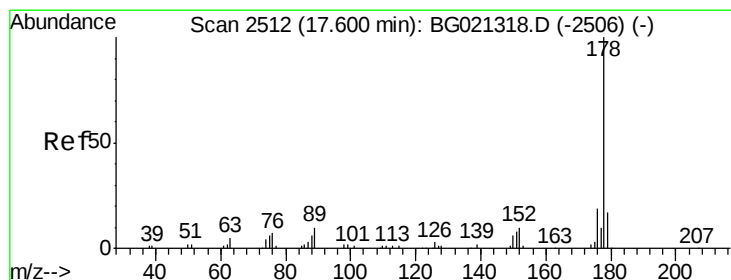
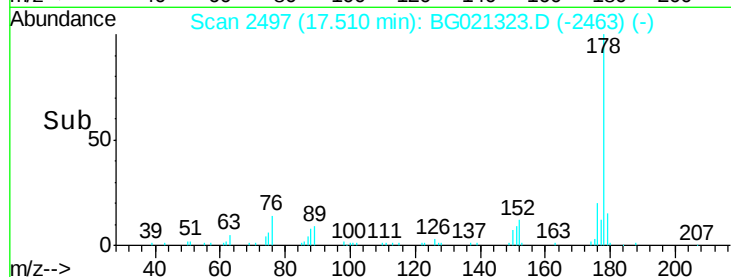
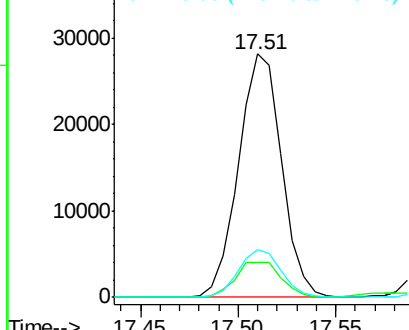
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	19.8	15.1	22.7

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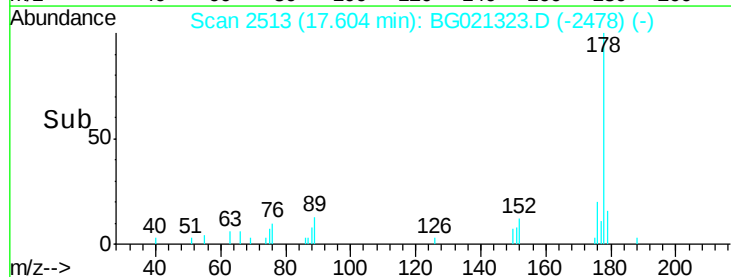
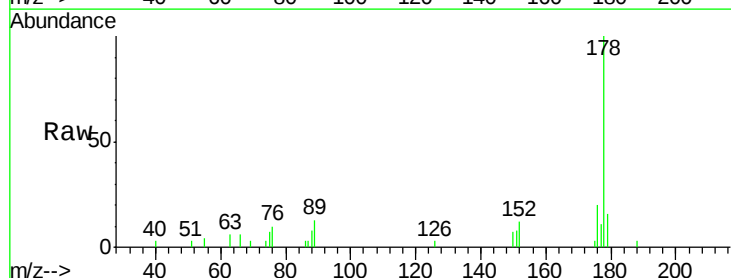
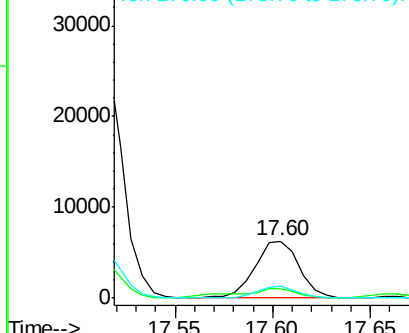
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

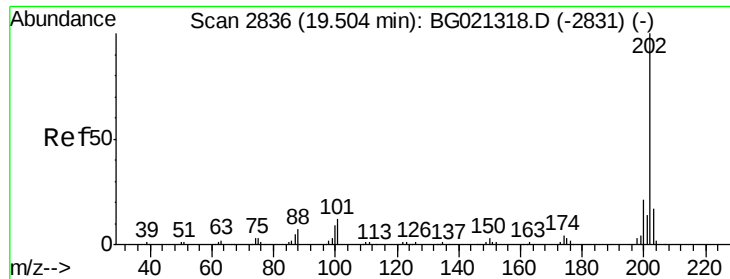


#72
Anthracene
Concen: 2.13 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	20.1	15.2	22.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





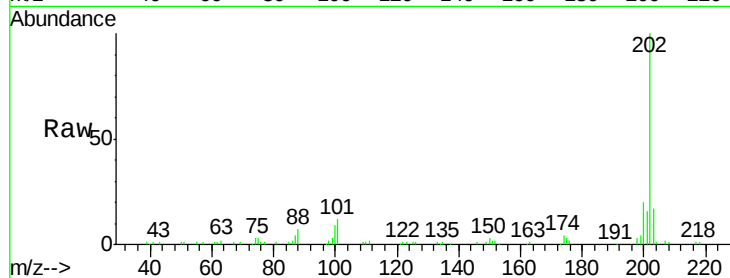
#77
Fluoranthene
Concen: 9.77 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

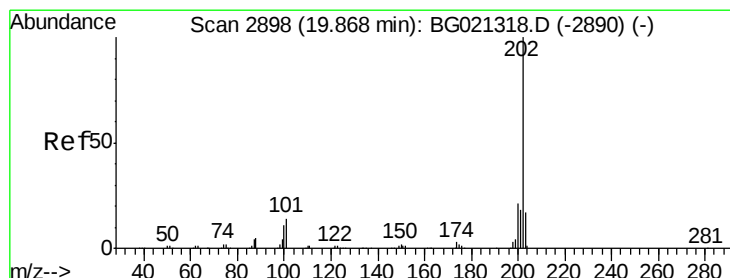
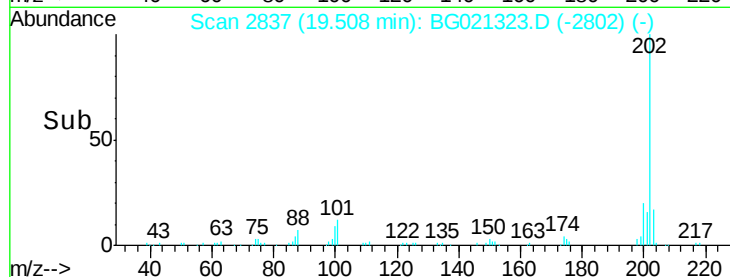
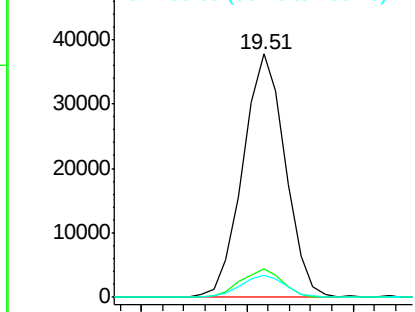
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	9.9	14.9
100	9.1	7.4	11.0

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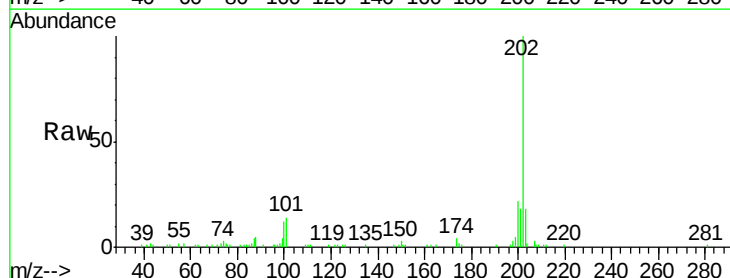


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

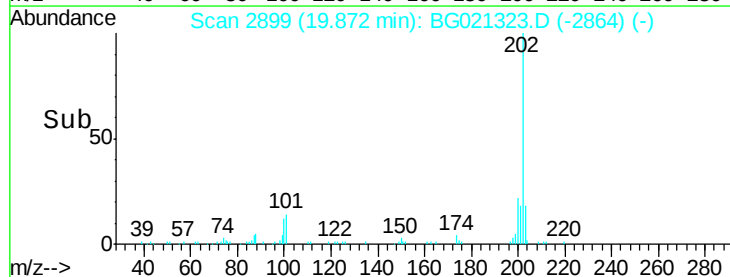
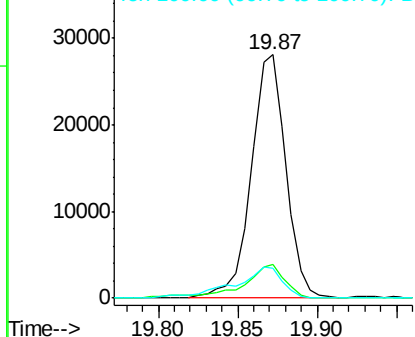


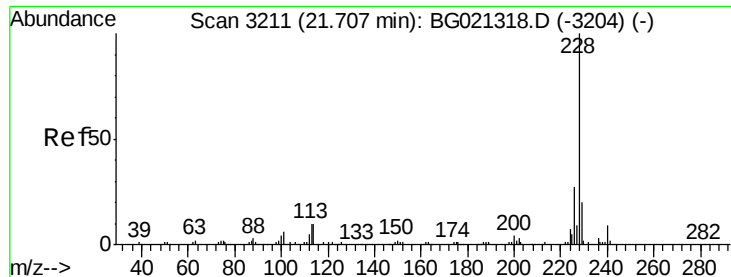
#80
Pyrene
Concen: 7.74 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	11.0	16.4
100	12.2	8.1	12.1#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





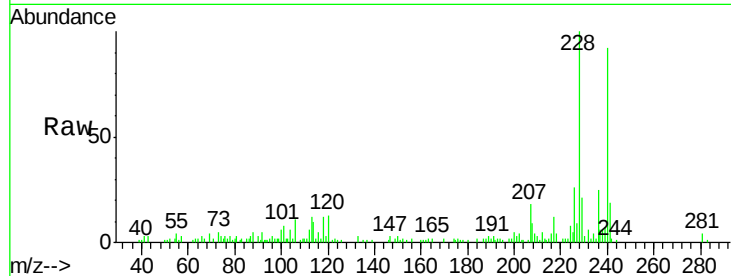
#83
Benzo(a)anthracene
Concen: 4.82 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

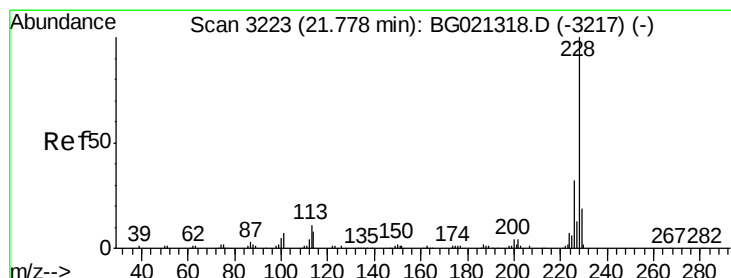
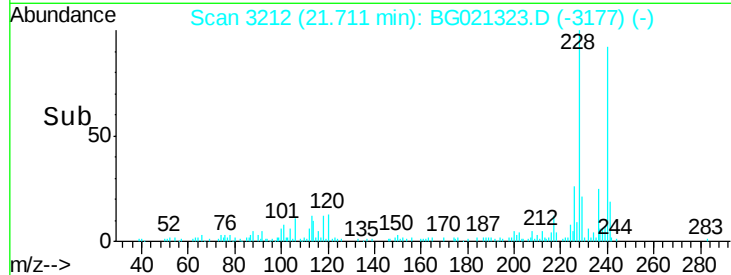
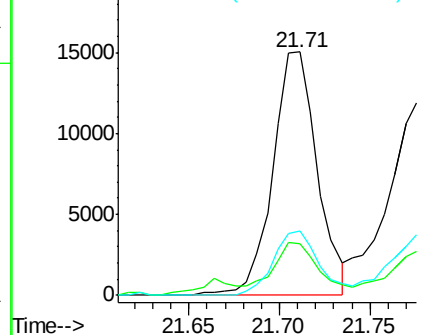
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	25680		
229	21.0	15.7	23.5	
226	26.3	21.1	31.7	

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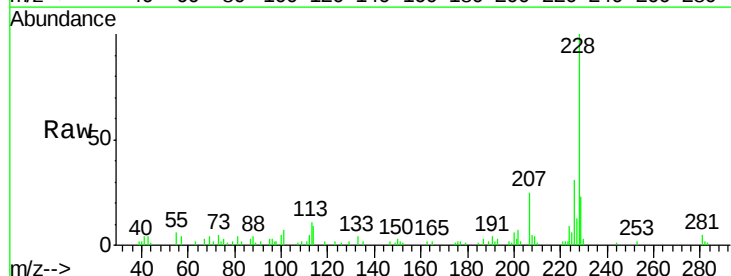


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

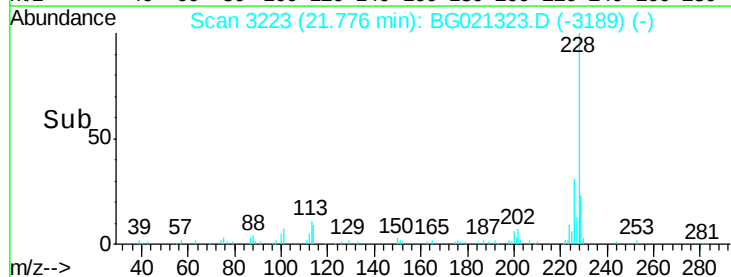
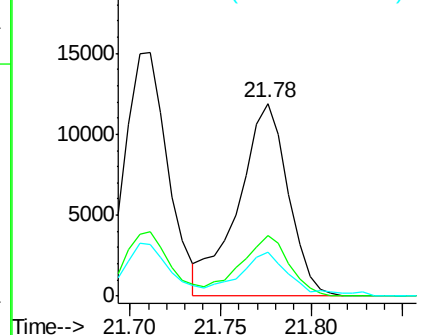


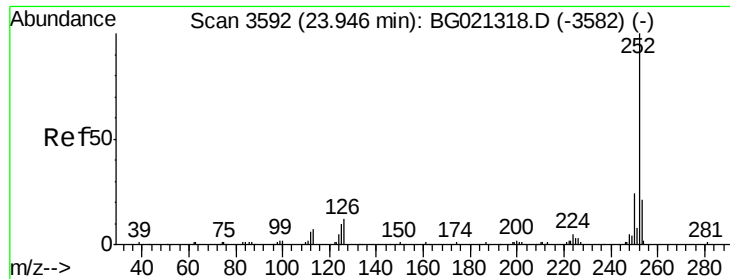
#85
Chrysene
Concen: 4.58 ng/ul
RT: 21.78 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	22773		
226	31.3	24.5	36.7	
229	22.9	15.8	23.8	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





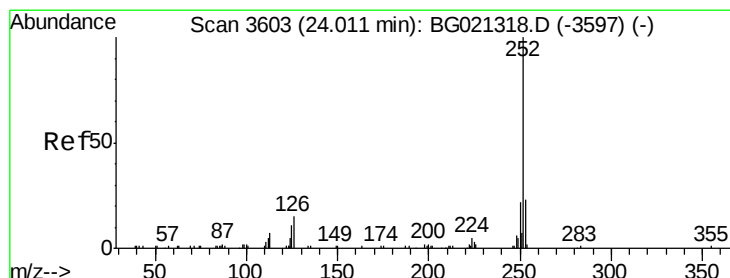
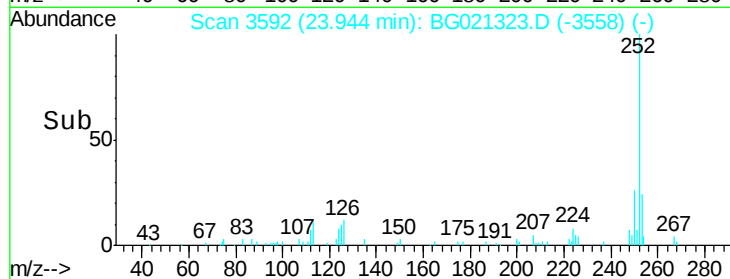
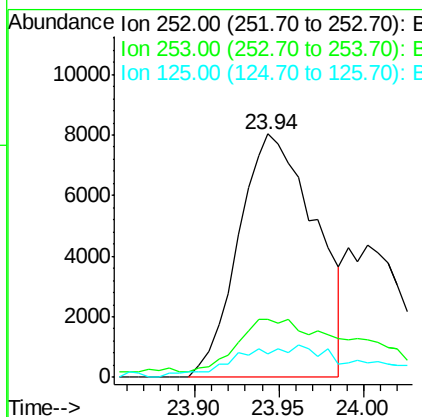
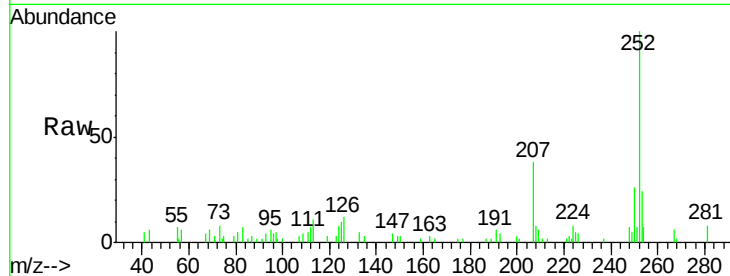
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Benzo(b)fluoranthene
Concen: 4.70 ng/ul
RT: 23.94 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampled :
MS-SS-B140

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	18.0	27.0
125	9.6	8.0	12.0

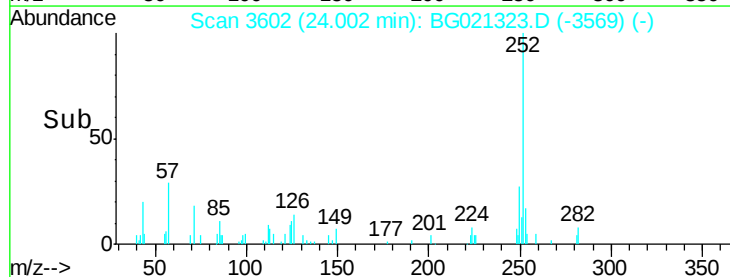
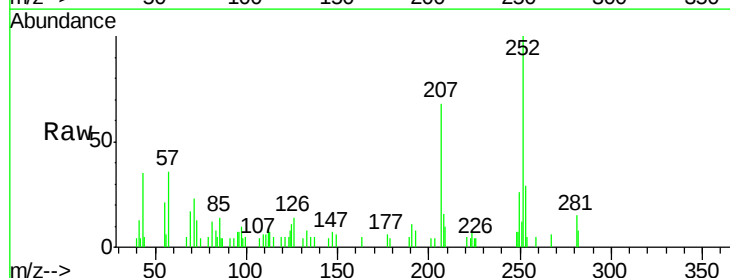
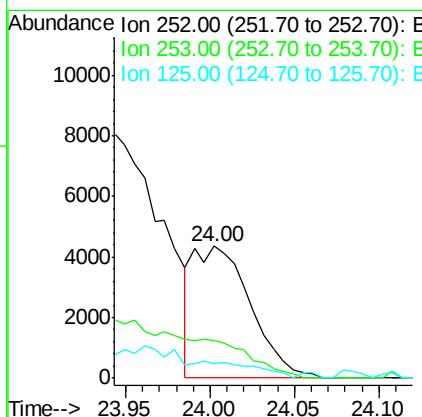
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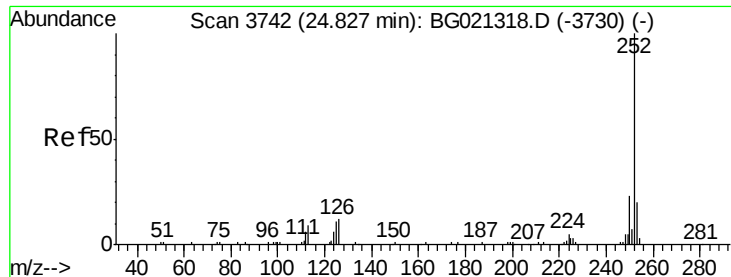
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#89
Benzo(k)fluoranthene
Concen: 1.98 ng/ul m
RT: 24.00 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.8	18.0	27.0#
125	10.6	8.1	12.1





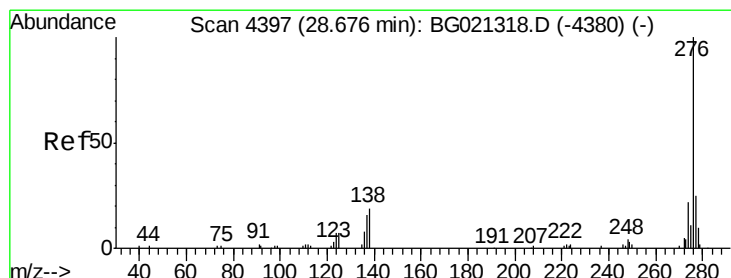
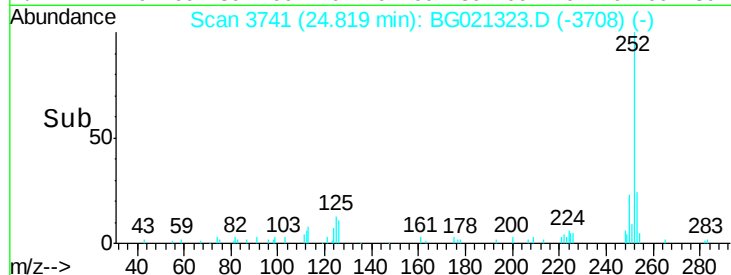
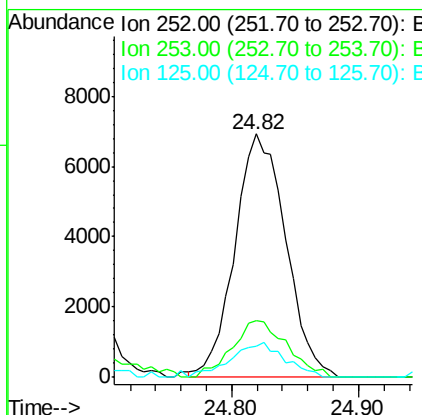
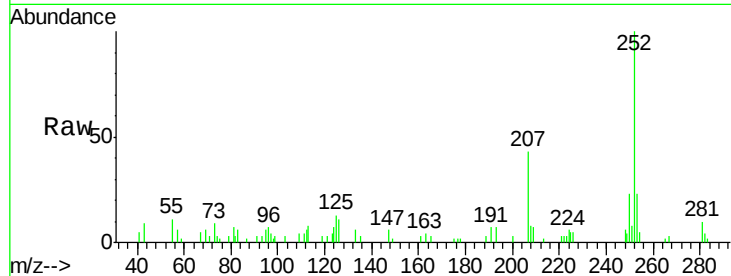
#91
Benzo(a)pyrene
Concen: 3.71 ng/ul
RT: 24.82 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-B140

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.2	25.8
125	13.0	8.2	12.4

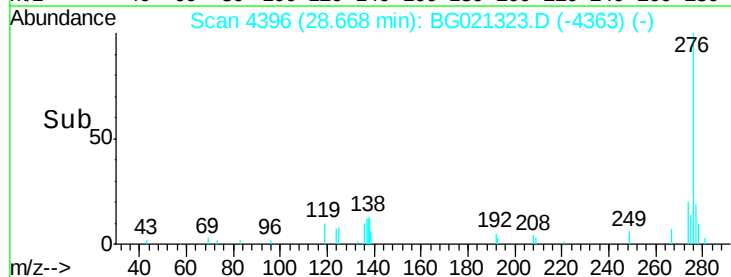
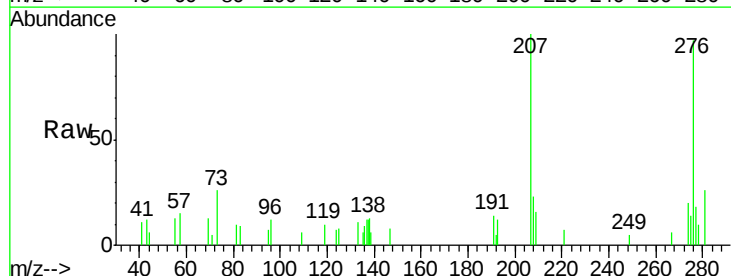
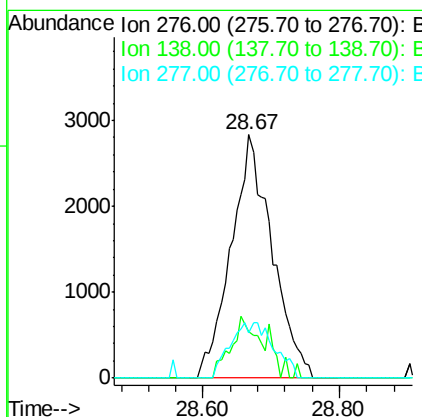
Manual Integrations
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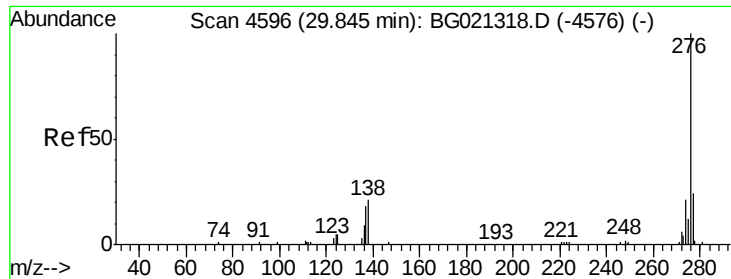
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.09 ng/ul m
RT: 28.67 min Scan# 4396
Delta R.T. -0.01 min
Lab File: BG021323.D
Acq: 6 Mar 2016 3:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.0	14.4	21.6
277	18.5	18.0	27.0





#94
 Benzo(g,h,i)perylene
 Concen: 2.40 ng/ul
 RT: 29.82 min Scan# 4593
 Delta R.T. -0.02 min
 Lab File: BG021323.D
 Acq: 6 Mar 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-B140

Tgt Ion:	276	Resp:	11330
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.3	22.9
277	22.4	19.0	28.4

Manual Integrations
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 3/7/2016 12:34:30 PM

