

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021322.D
 Acq On : 6 Mar 2016 2:26
 Operator : UM/SJ
 Sample : H1650-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-A140

Manual Integrations
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 3/7/2016 12:34:28 PM

Quant Time: Mar 07 05:49:00 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	8.13	152	11149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	53494	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	31261	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	73410	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	79095	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	73387	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	662	2.41	ng/uL	0.00
5) Phenol-d5	7.28	99	15251	12.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	11132	14.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	11388	13.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	11522	12.36	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	5924	13.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	6059	13.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	10984	13.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	18870	18.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	37272	14.23	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	49439	15.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5036	9.86	ng/ul	0.00
58) Fluorene-d10	15.72	176	35192	15.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	5375	10.20	ng/ul	0.00
71) Anthracene-d10	17.56	188	53273	14.59	ng/ul	0.00
79) Pyrene-d10	19.84	212	60295	15.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	58385	14.74	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.18	163	15106	5.36	ng/ul#	98
70) Phenanthrene	17.51	178	22067	5.00	ng/ul	98
72) Anthracene	17.60	178	5916m	1.33	ng/ul	
77) Fluoranthene	19.51	202	42716	8.27	ng/ul	98
80) Pyrene	19.87	202	38753	7.31	ng/ul	97
83) Benzo(a)anthracene	21.71	228	22920	4.47	ng/ul	98
85) Chrysene	21.78	228	20717	4.33	ng/ul	96
88) Benzo(b)fluoranthene	23.94	252	26390	5.19	ng/ul	95
89) Benzo(k)fluoranthene	24.01	252	10132m	2.07	ng/ul	
91) Benzo(a)pyrene	24.82	252	19602	4.00	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.67	276	11951m	2.24	ng/ul	
94) Benzo(g,h,i)perylene	29.82	276	9647m	2.17	ng/ul	

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

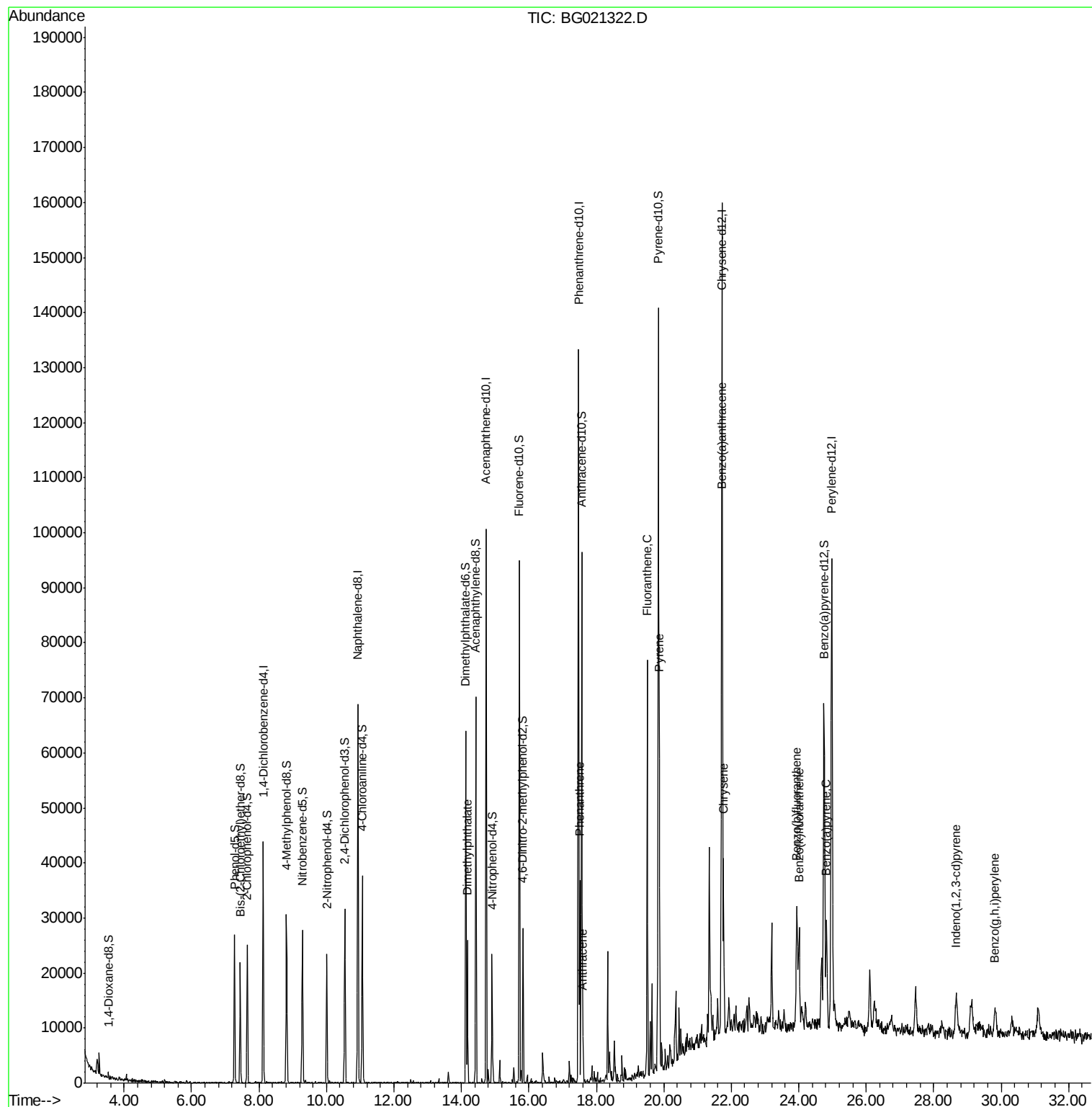
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

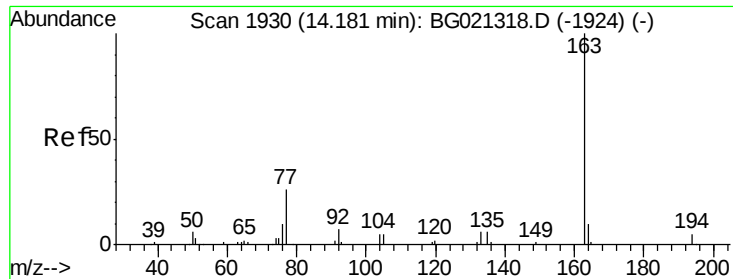
Instrument :
BNA_G
ClientSampled :
MS-SS-A140

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Quant Time: Mar 07 05:49:00 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





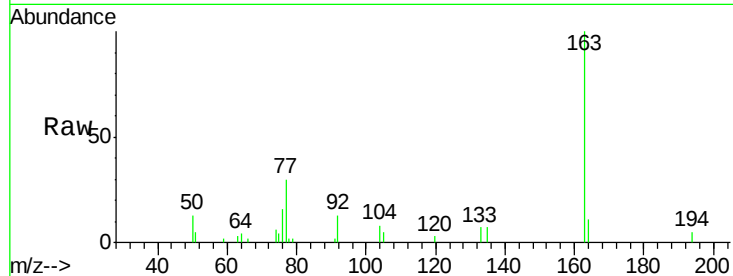
#45
Dimethylphthalate
Concen: 5.36 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021322.D
Acq: 6 Mar 2016 2:26

Instrument :
BNA_G
ClientSampleId :
MS-SS-A140

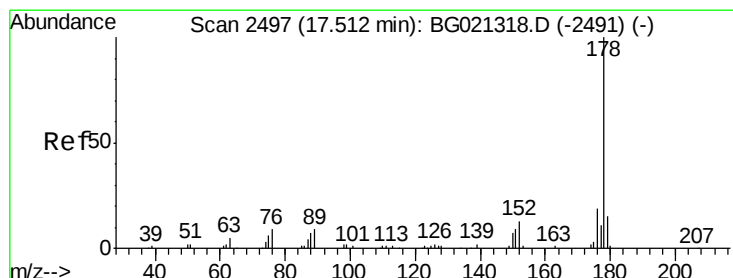
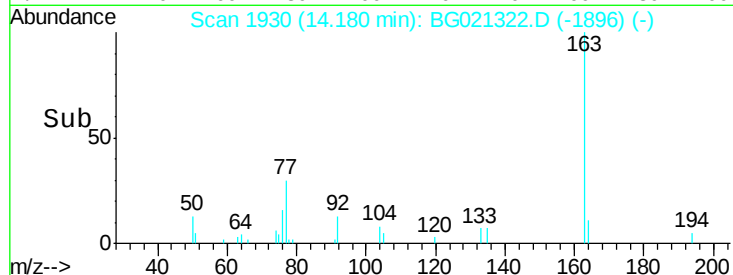
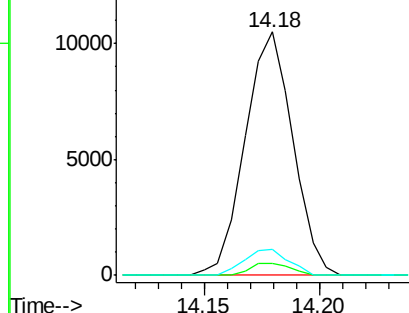
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.8	2.8	4.2#
164	10.8	8.2	12.2

Manual Integrations
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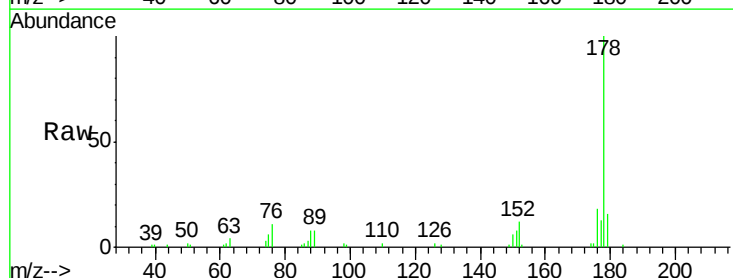


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

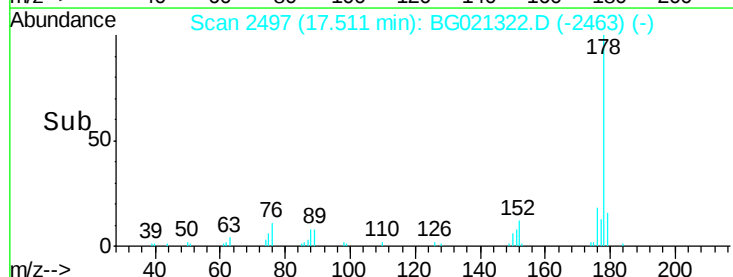
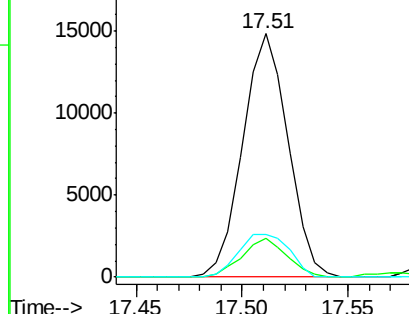


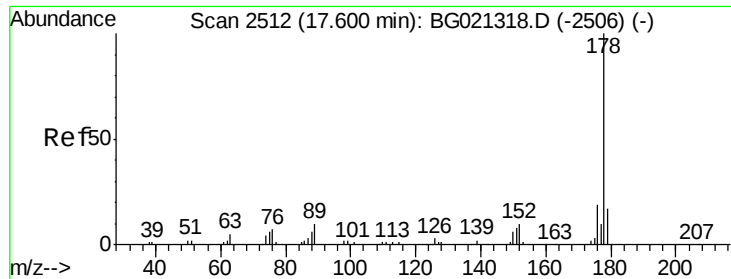
#70
Phenanthrene
Concen: 5.00 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021322.D
Acq: 6 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.3	18.5
176	17.7	15.1	22.7



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: 1.33 ng/ul m

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG021322.D

Acq: 6 Mar 2016 2:26

Instrument :

BNA_G

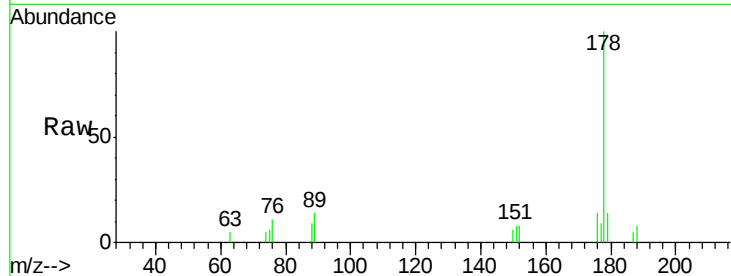
ClientSampleId :

MS-SS-A140

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	5916		
179	14.4		11.8	17.8
176	14.4		15.2	22.8#

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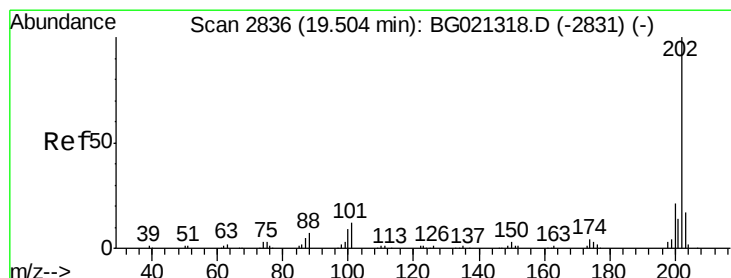
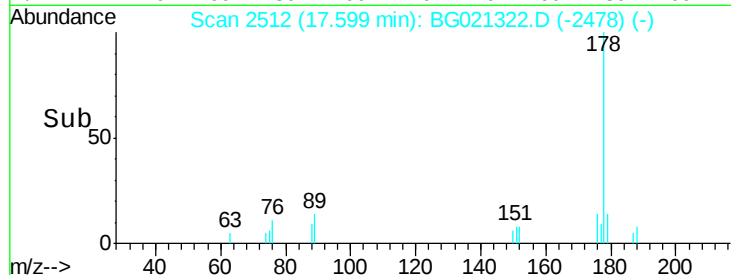
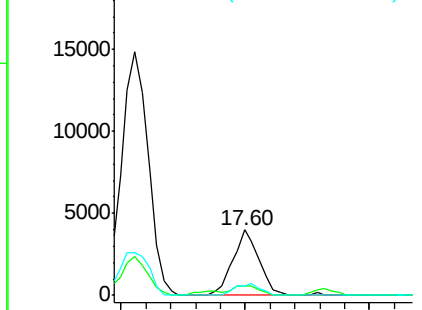
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 8.27 ng/ul

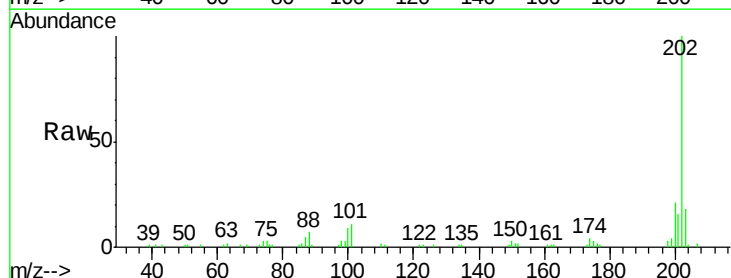
RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG021322.D

Acq: 6 Mar 2016 2:26

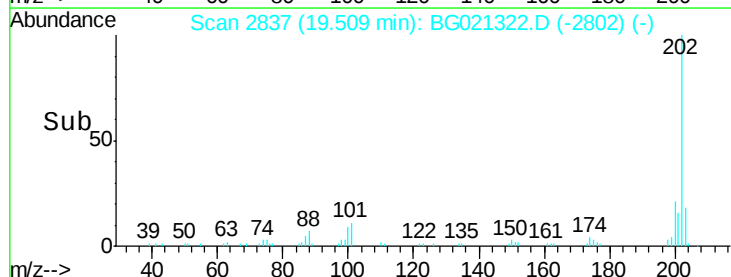
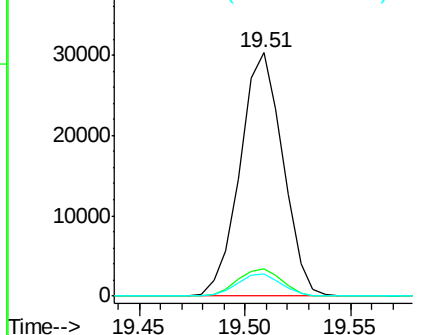
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42716		
101	11.4		9.9	14.9
100	9.1		7.4	11.0

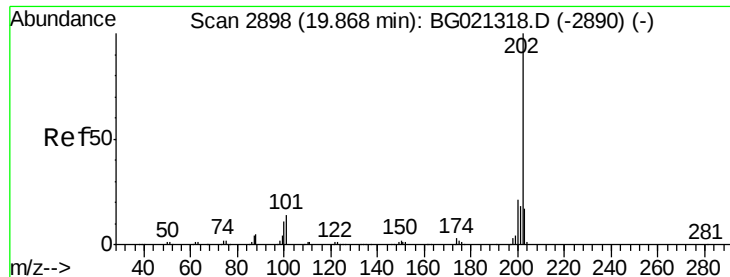


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





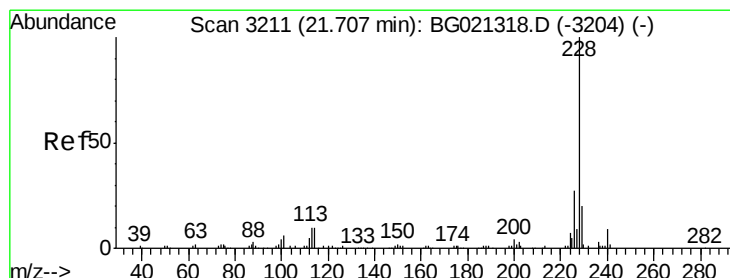
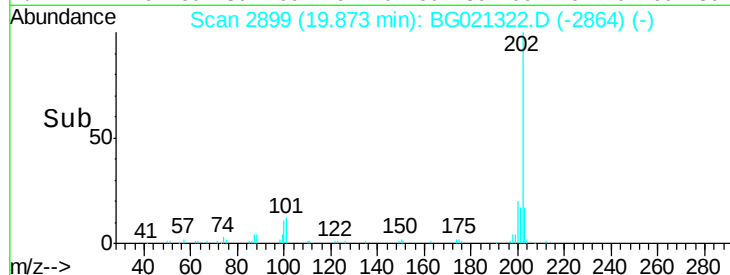
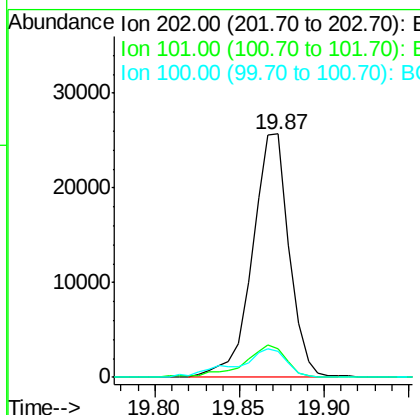
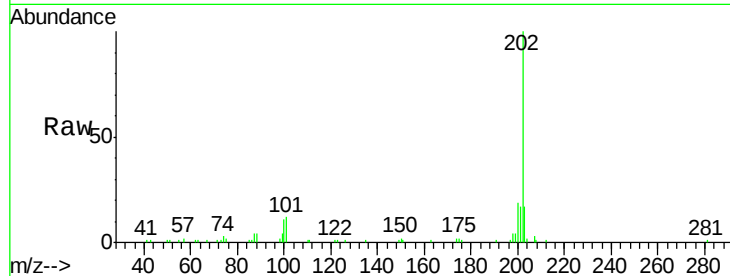
#80
Pyrene
Concen: 7.31 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021322.D
Acq: 6 Mar 2016 2:26

Instrument :
BNA_G
ClientSampleId :
MS-SS-A140

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	11.0	16.4
100	10.6	8.1	12.1

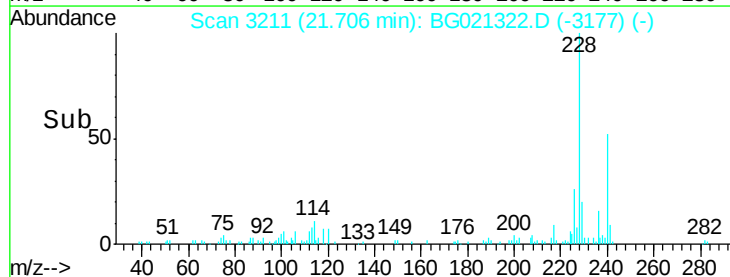
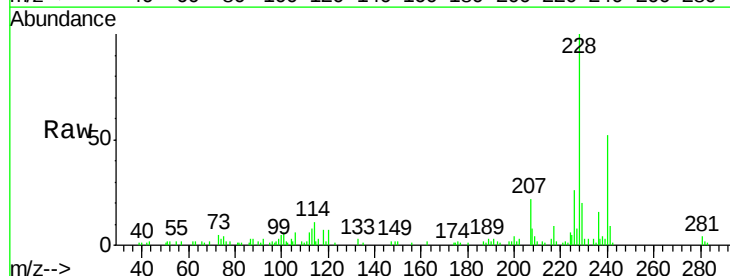
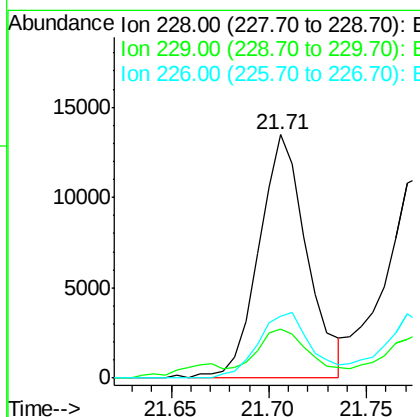
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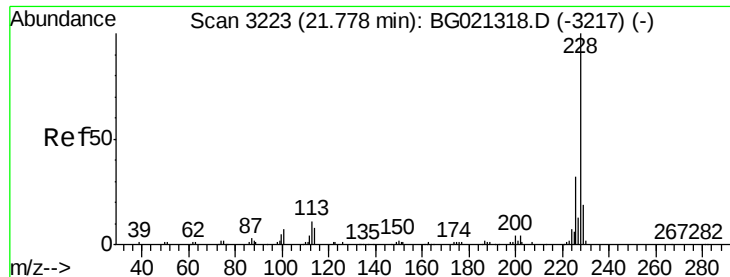
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#83
Benzo(a)anthracene
Concen: 4.47 ng/ul
RT: 21.71 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BG021322.D
Acq: 6 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.7	23.5
226	25.6	21.1	31.7





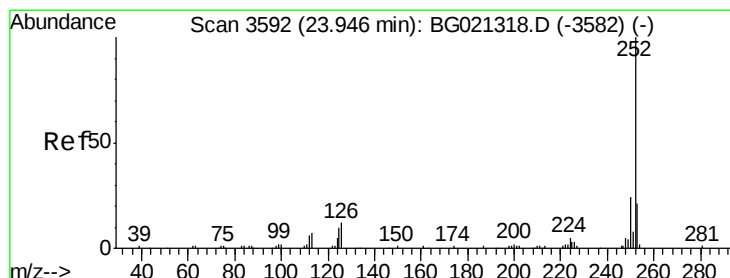
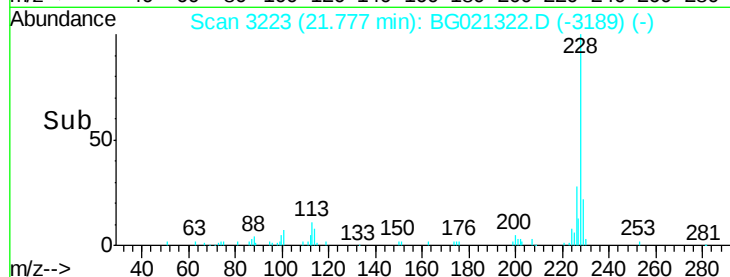
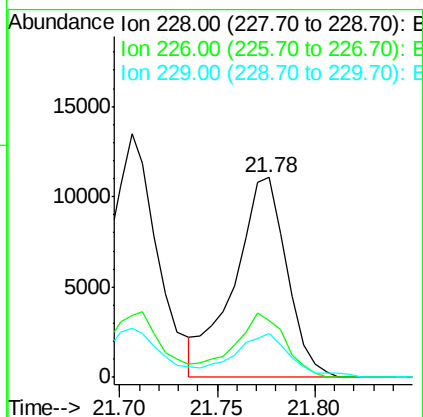
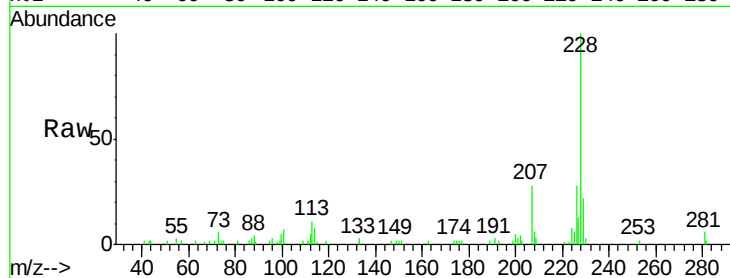
#85
Chrysene
Concen: 4.33 ng/ul
RT: 21.78 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021322.D
Acq: 6 Mar 2016 2:26

Instrument :
BNA_G
ClientSampleId :
MS-SS-A140

Tgt Ion:	228	Resp:	20717
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.5	36.7
229	21.7	15.8	23.8

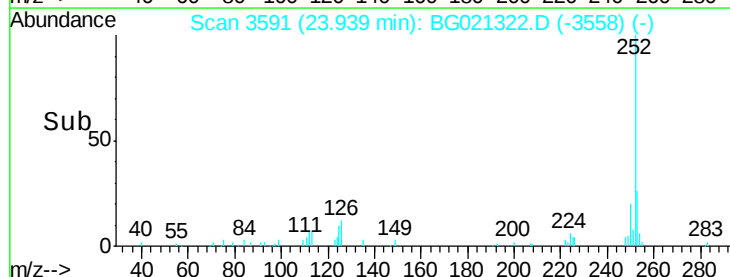
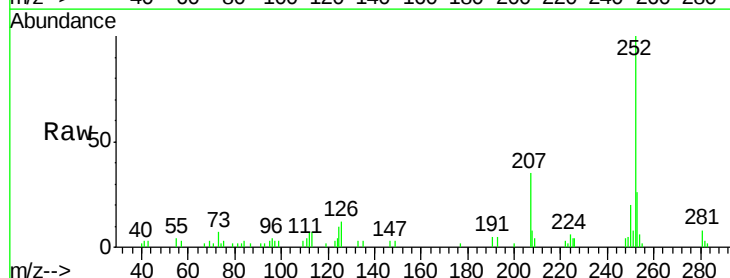
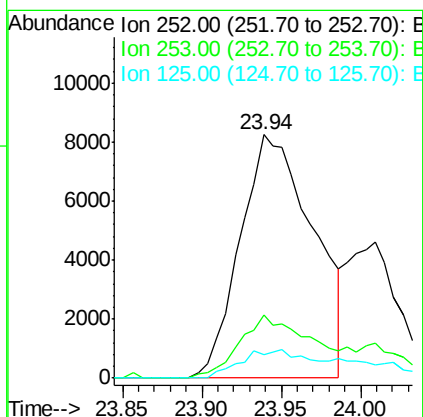
Manual Integrations
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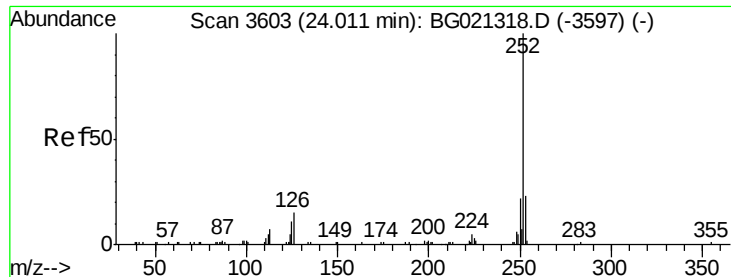
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#88
Benzo(b)fluoranthene
Concen: 5.19 ng/ul
RT: 23.94 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG021322.D
Acq: 6 Mar 2016 2:26

Tgt Ion:	252	Resp:	26390
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.0	27.0
125	9.8	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.07 ng/ul m

RT: 24.01 min Scan# 3603

Delta R.T. -0.00 min

Lab File: BG021322.D

Acq: 6 Mar 2016 2:26

Instrument :

BNA_G

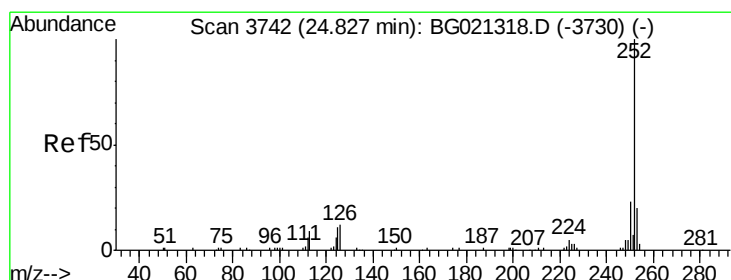
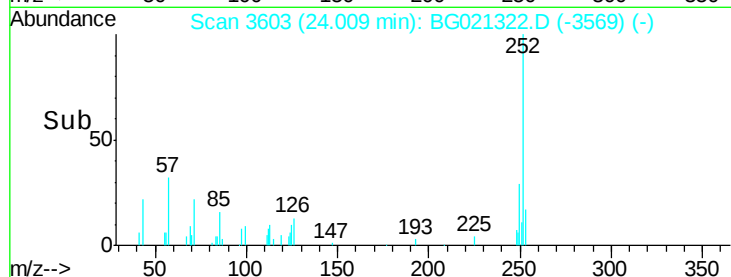
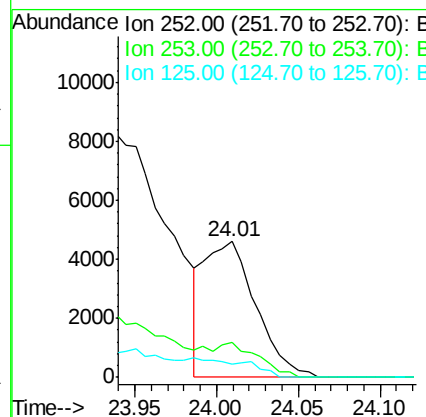
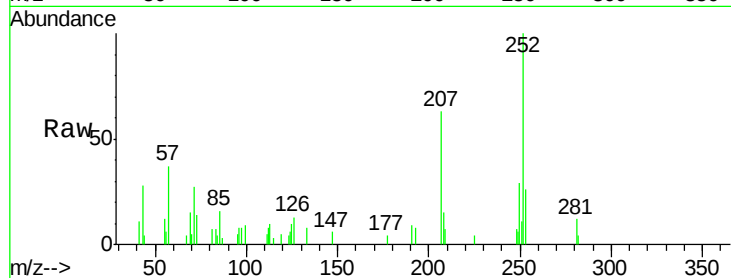
ClientSampleId :

MS-SS-A140

Tgt Ion:	252	Resp:	10132
Ion Ratio	Lower	Upper	
252	100		
253	26.2	18.0	27.0
125	10.1	8.1	12.1

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#91

Benzo(a)pyrene

Concen: 4.00 ng/ul

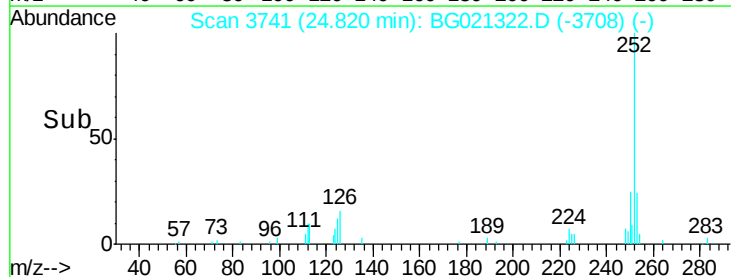
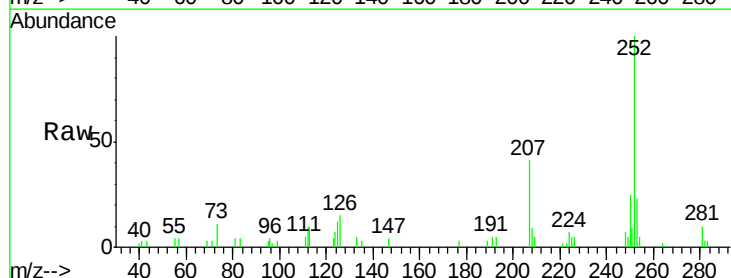
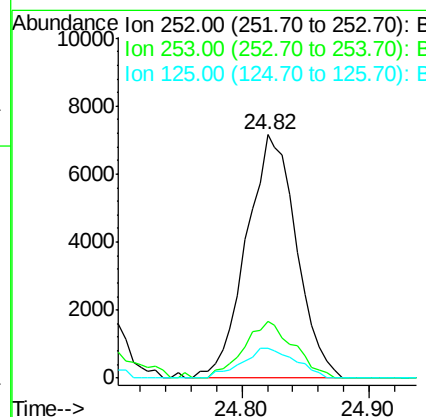
RT: 24.82 min Scan# 3741

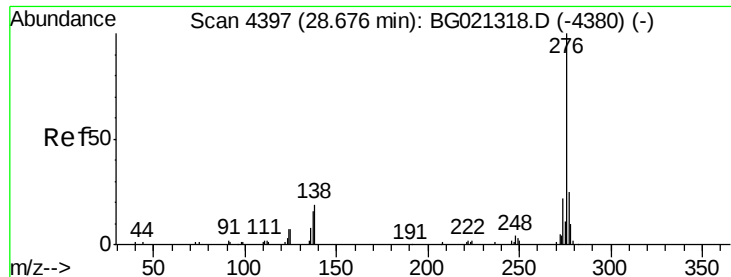
Delta R.T. -0.01 min

Lab File: BG021322.D

Acq: 6 Mar 2016 2:26

Tgt Ion:	252	Resp:	19602
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	12.2	8.2	12.4





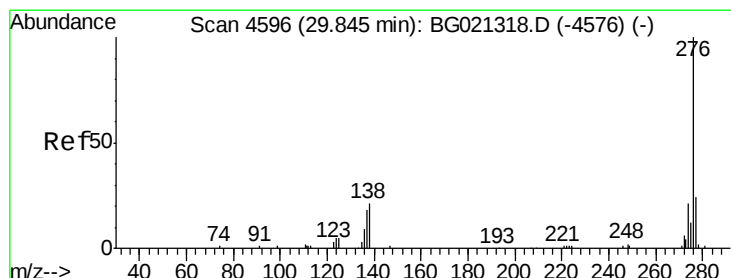
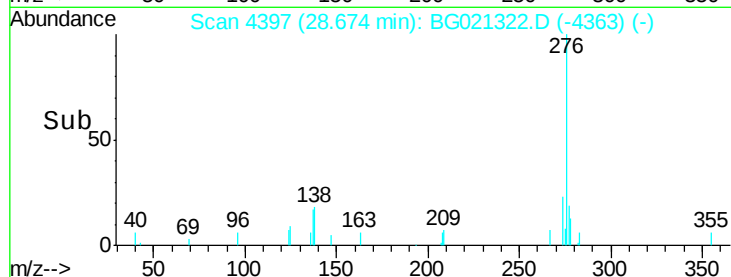
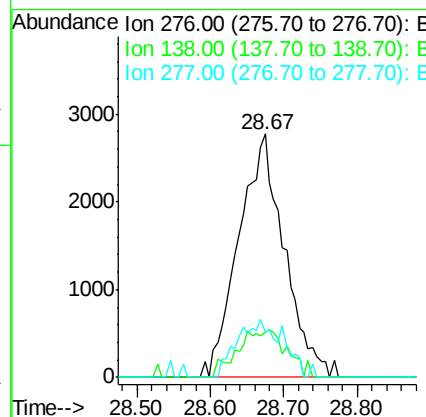
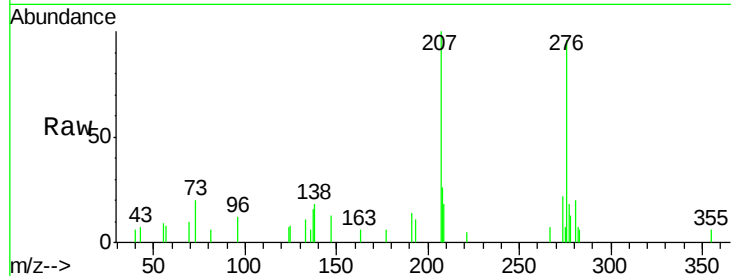
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.24 ng/ul m
 RT: 28.67 min Scan# 4397
 Delta R.T. -0.00 min
 Lab File: BG021322.D
 Acq: 6 Mar 2016 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-A140

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.3	14.4	21.6
277	18.7	18.0	27.0

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#94
 Benzo(g,h,i)perylene
 Concen: 2.17 ng/ul m
 RT: 29.82 min Scan# 4592
 Delta R.T. -0.02 min
 Lab File: BG021322.D
 Acq: 6 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.3	15.3	22.9#
277	23.4	19.0	28.4

