

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021321.D
 Acq On : 6 Mar 2016 1:46
 Operator : UM/SJ
 Sample : H1650-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C350

Manual Integrations
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Quant Time: Mar 07 05:44:19 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	12337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	60789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	34836	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	75538m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	84640	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	79376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	770	2.53	ng/uL	0.00
5) Phenol-d5	7.27	99	19340	14.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	14414	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	14111	15.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	13806	13.38	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	7850	15.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7976	15.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	13461	14.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	30770	25.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	46421	15.90	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	59406	16.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5921	10.41	ng/ul	0.00
58) Fluorene-d10	15.72	176	40812	15.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6029	11.12	ng/ul	0.00
71) Anthracene-d10	17.57	188	61647	16.41	ng/ul	0.00
79) Pyrene-d10	19.84	212	72067	16.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	69496	16.22	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	14.18	163	17582	5.60 ng/ul#	97
77) Fluoranthene	19.51	202	37680	7.09 ng/ul	98
80) Pyrene	19.87	202	32549	5.74 ng/ul#	95
83) Benzo(a)anthracene	21.71	228	19133	3.49 ng/ul	99
85) Chrysene	21.77	228	17486	3.41 ng/ul	97
88) Benzo(b)fluoranthene	23.95	252	23651	4.30 ng/ul#	96
89) Benzo(k)fluoranthene	24.01	252	7444m	1.40 ng/ul	
91) Benzo(a)pyrene	24.82	252	16390	3.09 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.68	276	10594m	1.84 ng/ul	
94) Benzo(g,h,i)perylene	29.81	276	10030m	2.08 ng/ul	

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

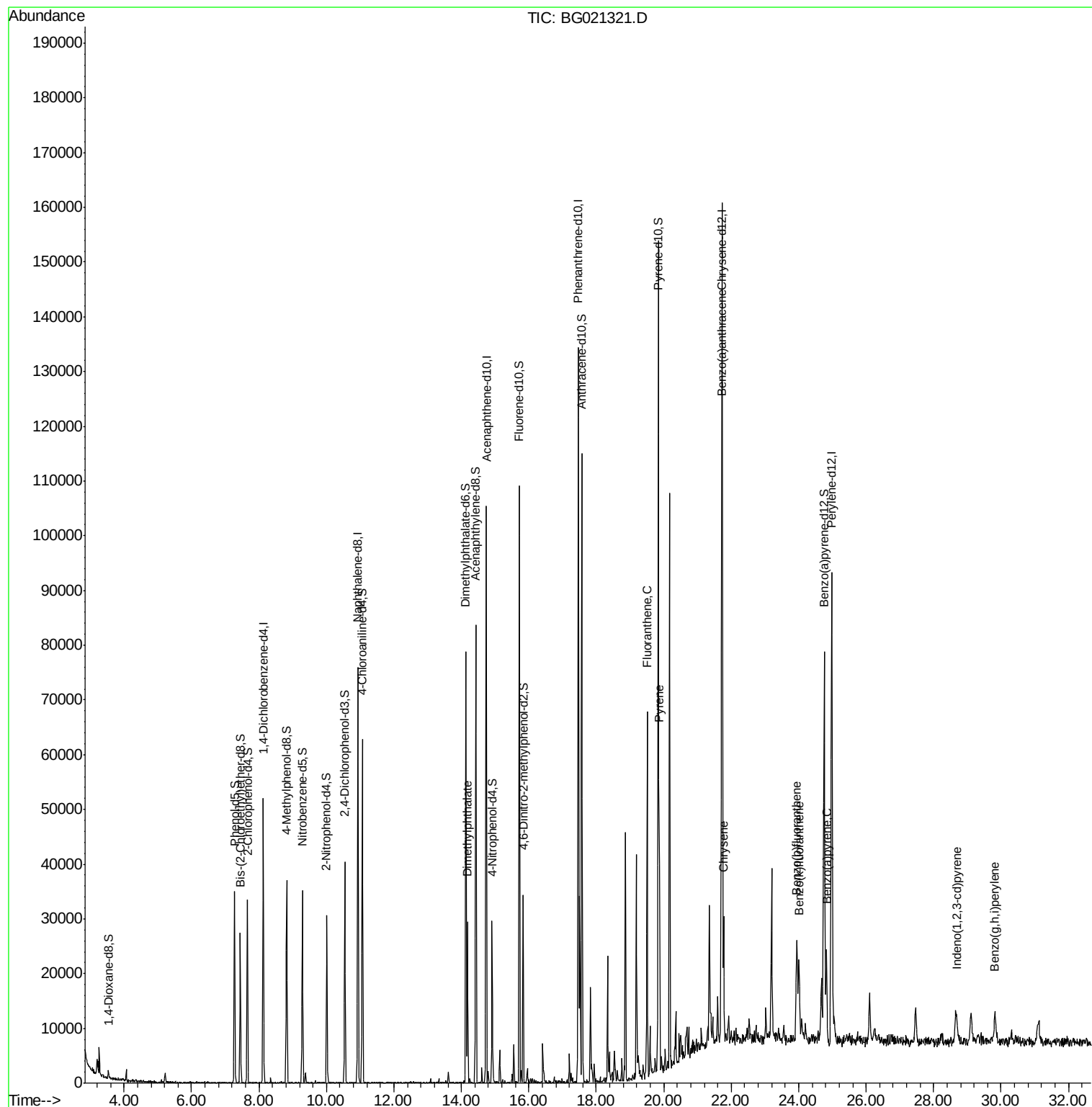
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

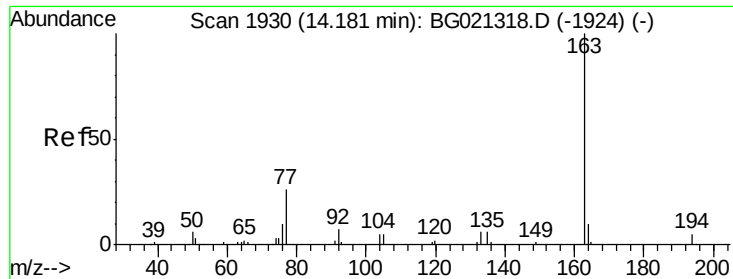
Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

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Quant Time: Mar 07 05:44:19 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





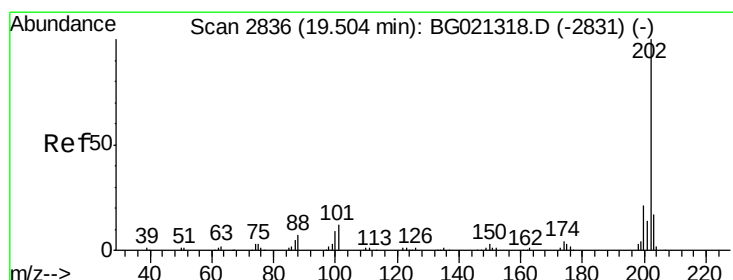
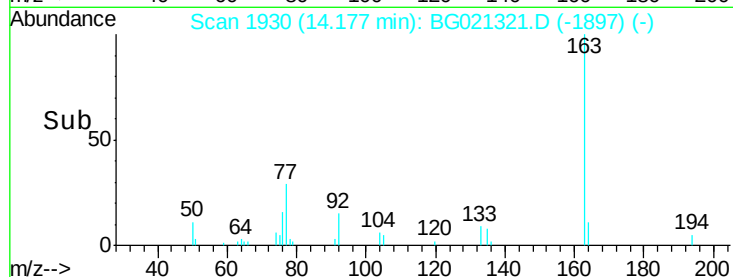
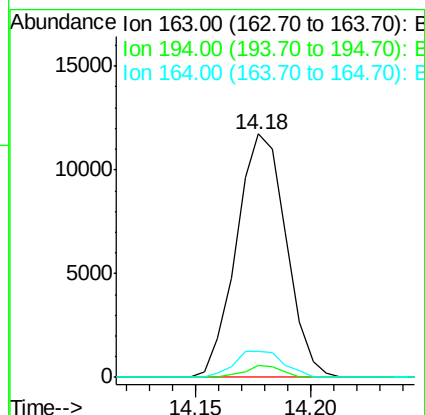
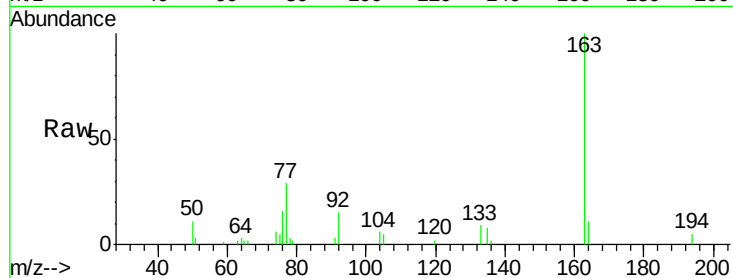
#45
Dimethylphthalate
Concen: 5.60 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	17582		
194	5.2	2.8	4.2#	
164	10.9	8.2	12.2	

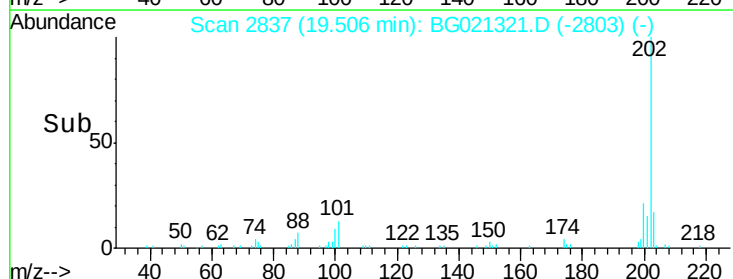
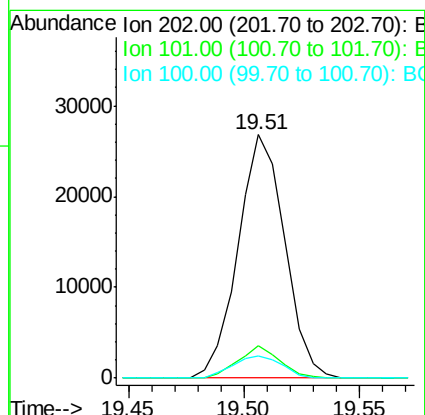
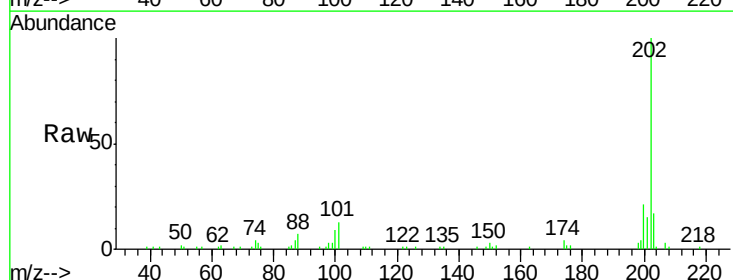
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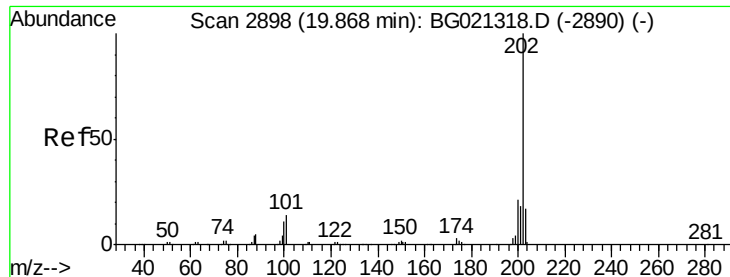
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#77
Fluoranthene
Concen: 7.09 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	37680		
101	13.4	9.9	14.9	
100	9.4	7.4	11.0	





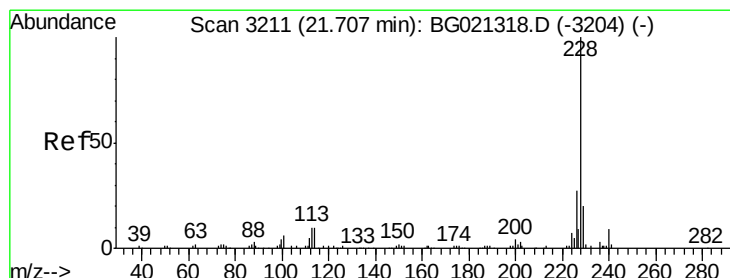
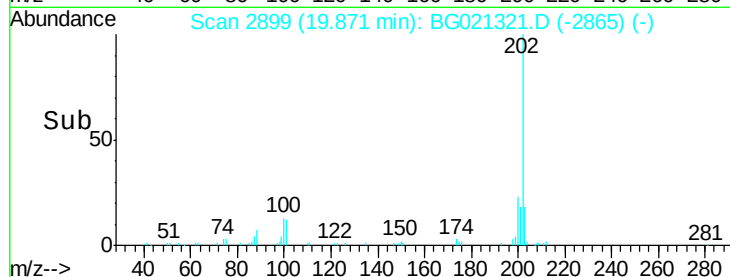
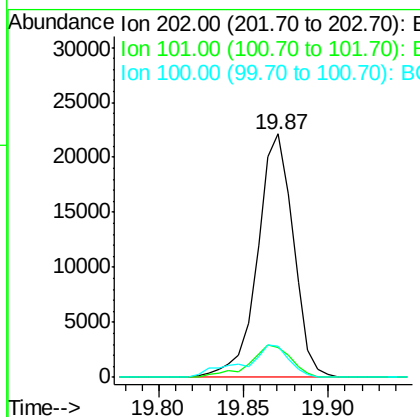
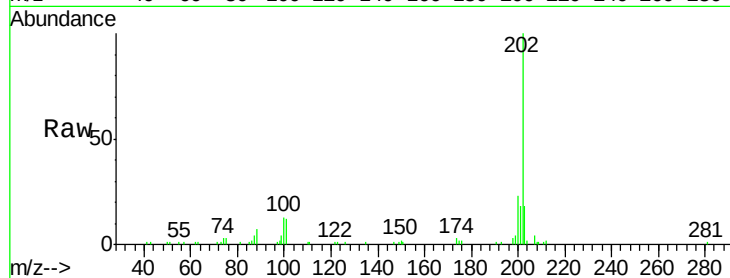
#80
Pyrene
Concen: 5.74 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	11.0	16.4
100	12.9	8.1	12.1

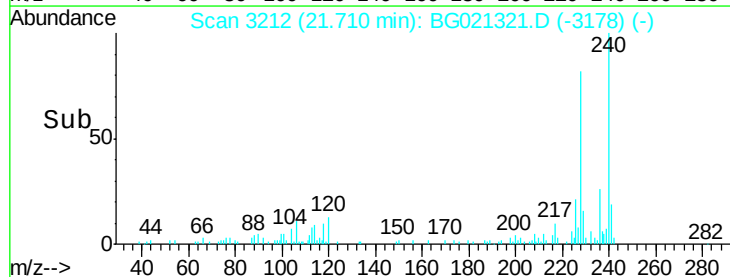
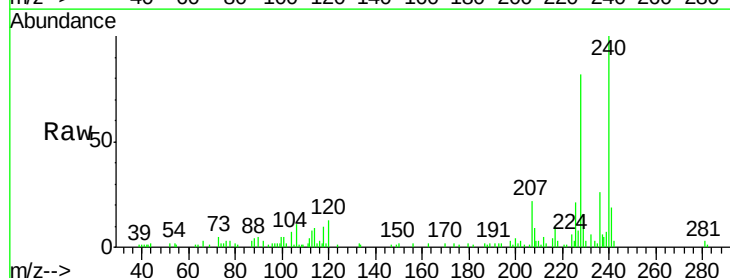
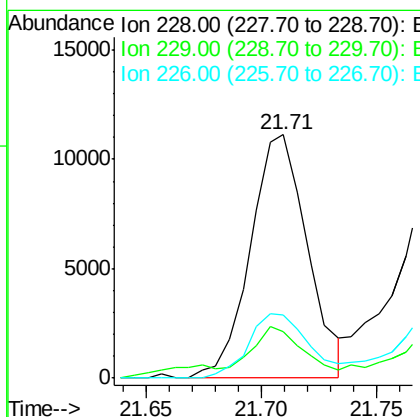
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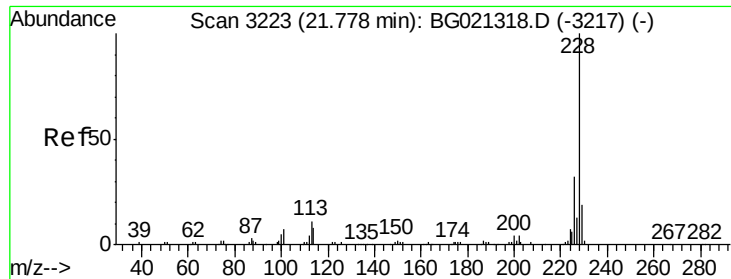
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#83
Benzo(a)anthracene
Concen: 3.49 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.0	15.7	23.5
226	25.9	21.1	31.7





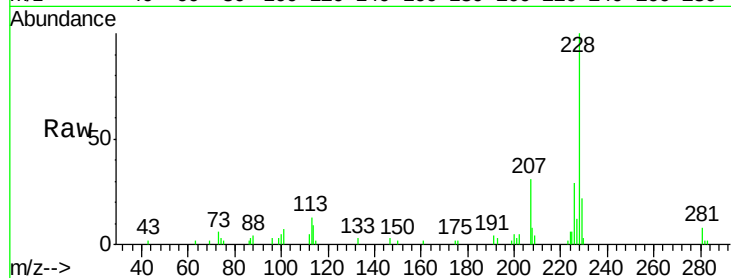
#85
Chrysene
Concen: 3.41 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

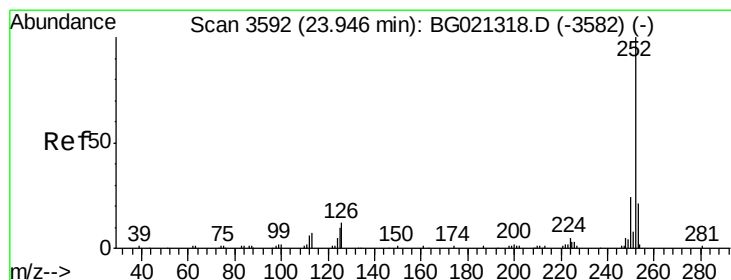
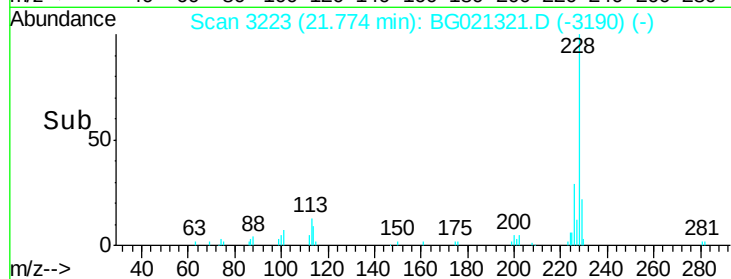
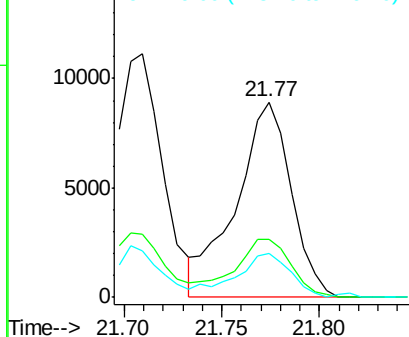
Tgt Ion:	228	Resp:	17486
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.5	36.7
229	22.1	15.8	23.8

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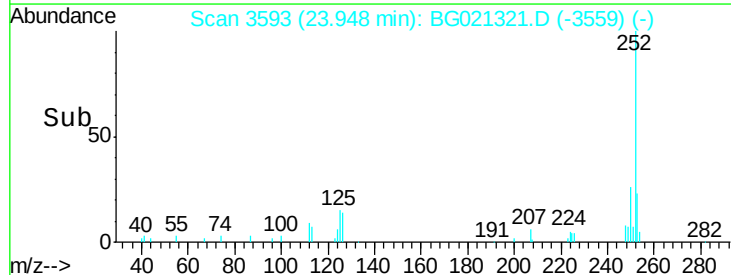
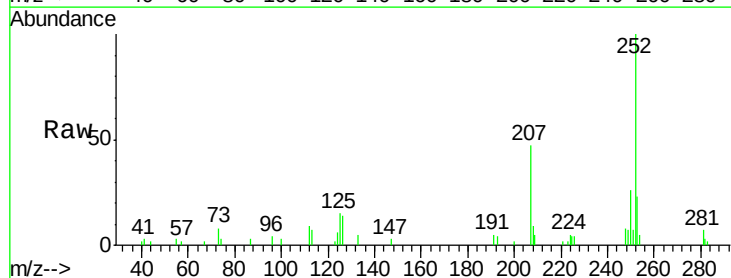
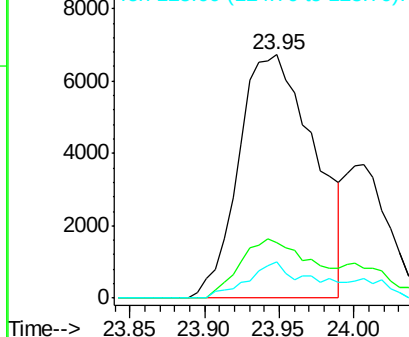
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

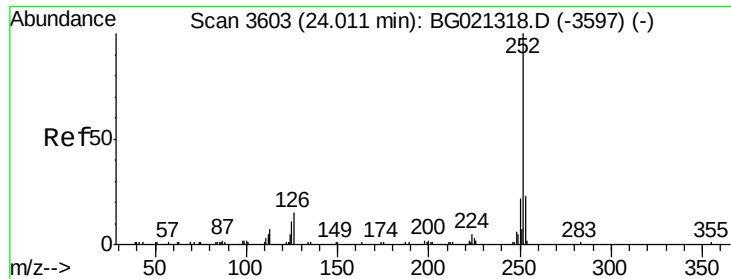


#88
Benzo(b)fluoranthene
Concen: 4.30 ng/ul
RT: 23.95 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Tgt Ion:	252	Resp:	23651
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	14.9	8.0	12.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





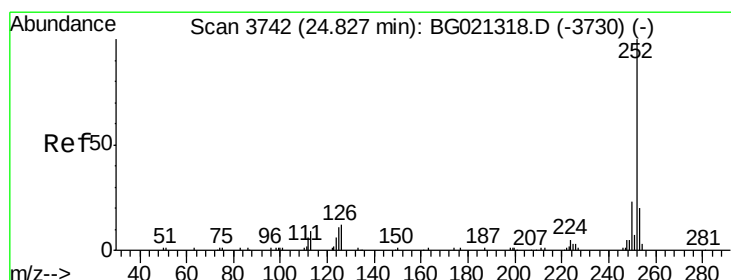
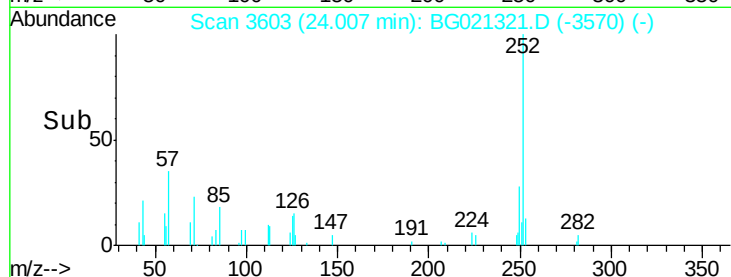
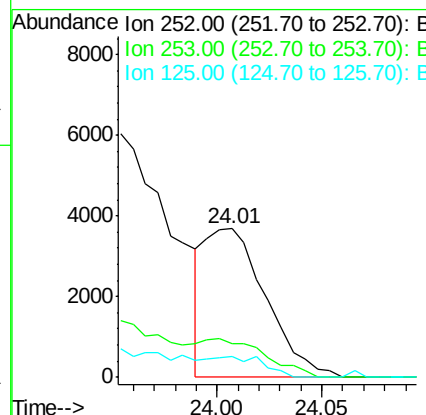
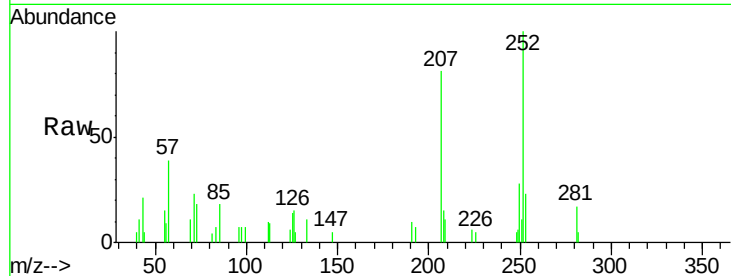
#89
Benzo(k)fluoranthene
Concen: 1.40 ng/ul m
RT: 24.01 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.5	8.1	12.1#

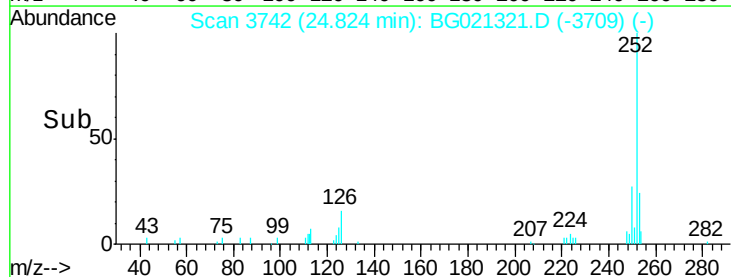
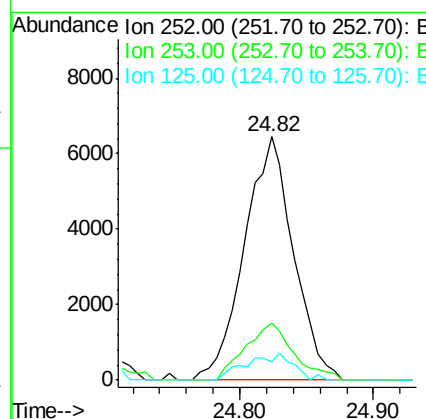
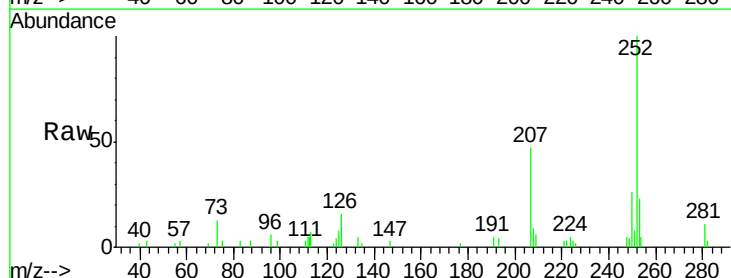
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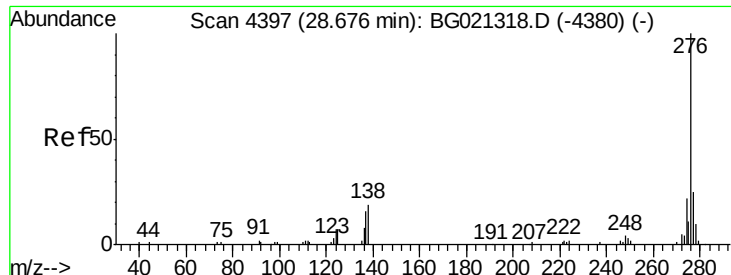
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#91
Benzo(a)pyrene
Concen: 3.09 ng/ul
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	7.6	8.2	12.4#





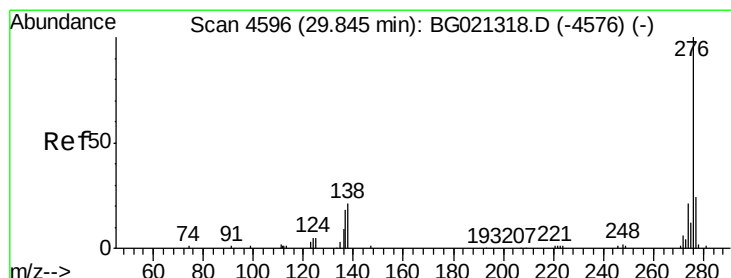
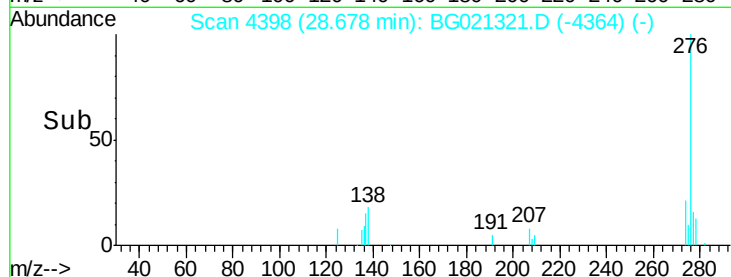
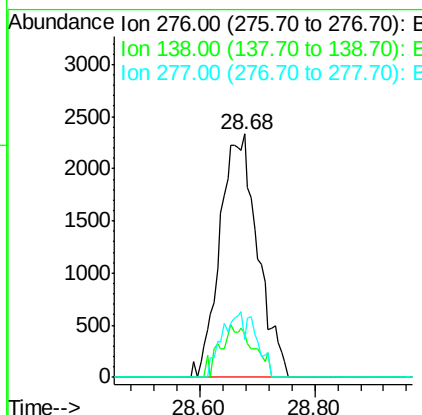
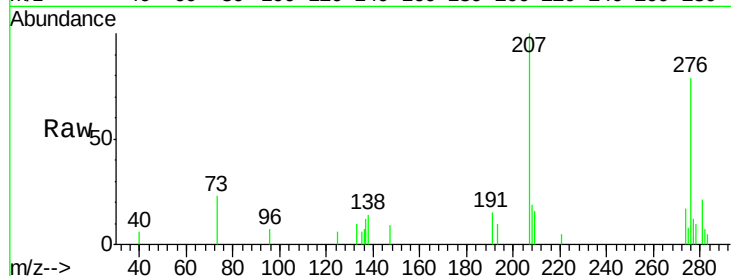
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.84 ng/ul m
 RT: 28.68 min Scan# 4398
 Delta R.T. 0.00 min
 Lab File: BG021321.D
 Acq: 6 Mar 2016 1:46

Instrument :
 BNA_G
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 MS-SS-C350

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.4	21.6
277	15.5	18.0	27.0#

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 2.08 ng/ul m
 RT: 29.81 min Scan# 4591
 Delta R.T. -0.03 min
 Lab File: BG021321.D
 Acq: 6 Mar 2016 1:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	15.3	22.9#
277	21.7	19.0	28.4

