

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021326.D
 Acq On : 6 Mar 2016 5:02
 Operator : UM/SJ
 Sample : H1650-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C210

Manual Integrations
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UMANGI
 3/7/2016 12:34:35 PM

Quant Time: Mar 07 06:19:36 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	12685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	59502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	35207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	81294	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	87668	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	81727	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.53	96	762	2.44	ng/uL	0.00
5) Phenol-d5	7.27	99	17635	13.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	13089	14.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13358	14.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	12224	11.52	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	7009	14.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7229	14.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	12492	13.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	9390	8.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	43404	14.71	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	55848	15.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6050	10.52	ng/ul	0.00
58) Fluorene-d10	15.72	176	39318	15.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6427	11.02	ng/ul	0.00
71) Anthracene-d10	17.57	188	63546	15.72	ng/ul	0.00
79) Pyrene-d10	19.84	212	73393	16.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	69030	15.65	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.18	163	13587	4.28	ng/ul	97
70) Phenanthrene	17.51	178	22842	4.67	ng/ul	98
72) Anthracene	17.60	178	4980m	1.01	ng/ul	
77) Fluoranthene	19.51	202	36360	6.35	ng/ul	96
80) Pyrene	19.87	202	30982	5.27	ng/ul#	96
83) Benzo(a)anthracene	21.71	228	18136	3.19	ng/ul	96
85) Chrysene	21.77	228	15557	2.93	ng/ul	96
88) Benzo(b)fluoranthene	23.94	252	20728m	3.66	ng/ul	
89) Benzo(k)fluoranthene	24.01	252	6208	1.14	ng/ul	97
91) Benzo(a)pyrene	24.82	252	13977	2.56	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.67	276	8953m	1.51	ng/ul	
94) Benzo(g,h,i)perylene	29.82	276	8052m	1.62	ng/ul	

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

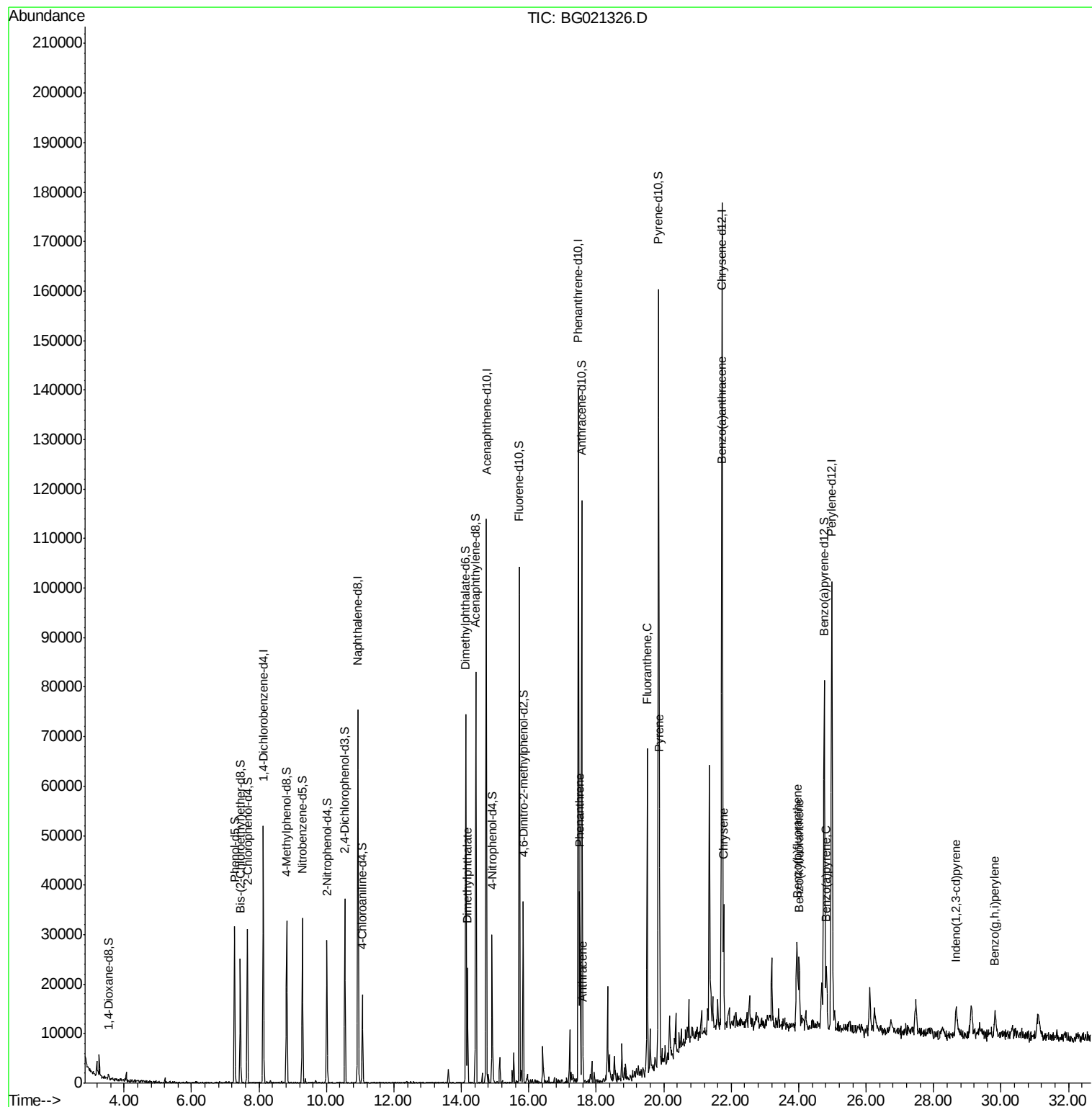
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Data File : BG021326.D
Acq On : 6 Mar 2016 5:02
Operator : UM/SJ
Sample : H1650-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

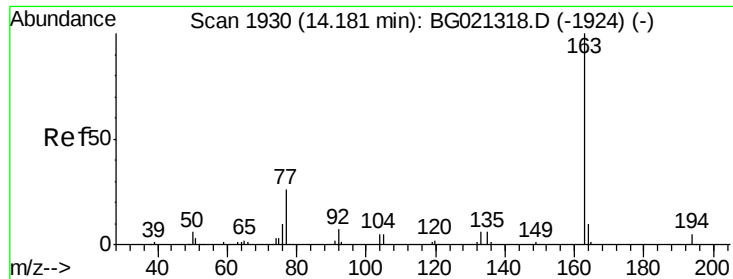
Instrument :
BNA_G
ClientSampleId :
MS-SS-C210

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3/7/2016 12:34:35 PM

Quant Time: Mar 07 06:19:36 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





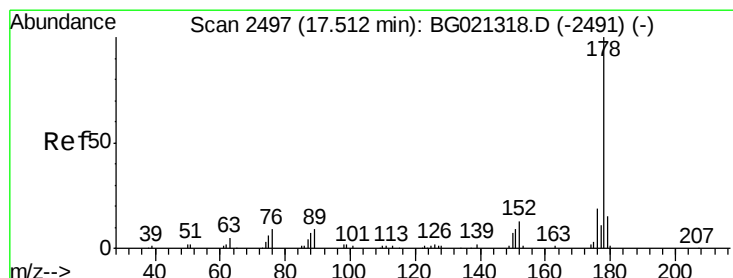
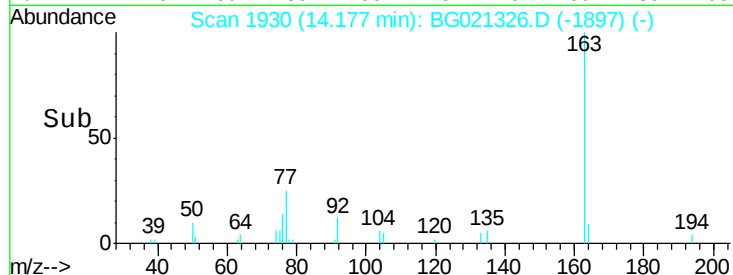
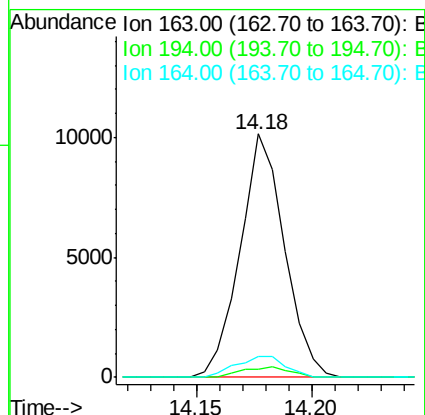
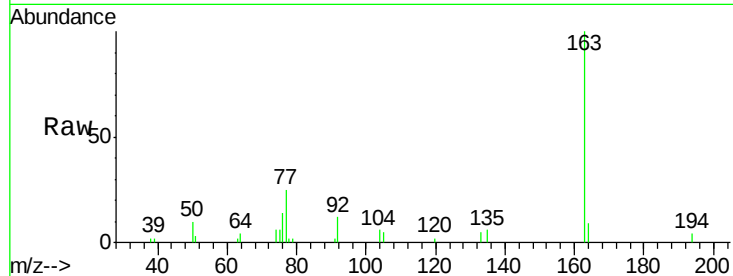
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Dimethylphthalate
Concen: 4.28 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Instrument :
BNA_G
ClientSampleId :
MS-SS-C210

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.8	4.2
164	8.7	8.2	12.2

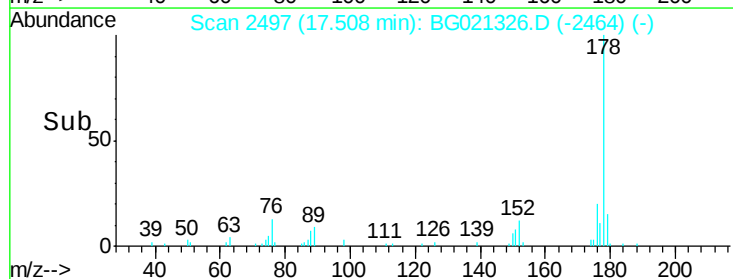
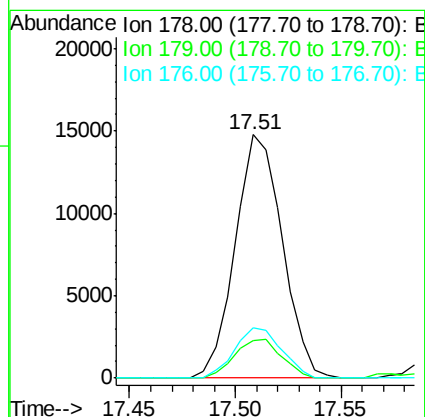
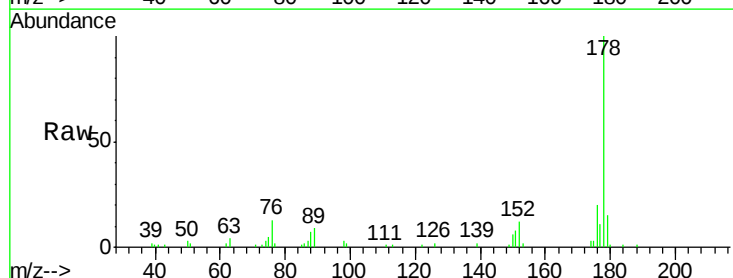
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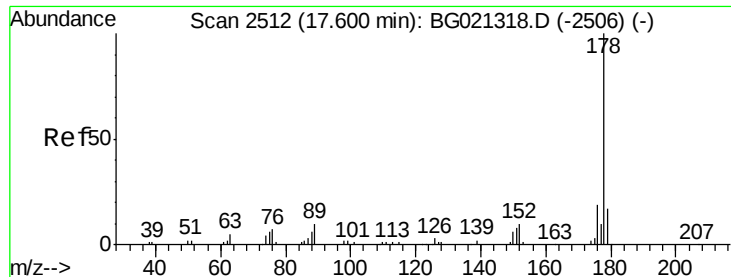
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#70
Phenanthrene
Concen: 4.67 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.3	12.3	18.5
176	20.5	15.1	22.7





#72

Anthracene

Concen: 1.01 ng/ul m

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG021326.D

Acq: 6 Mar 2016 5:02

Instrument :

BNA_G

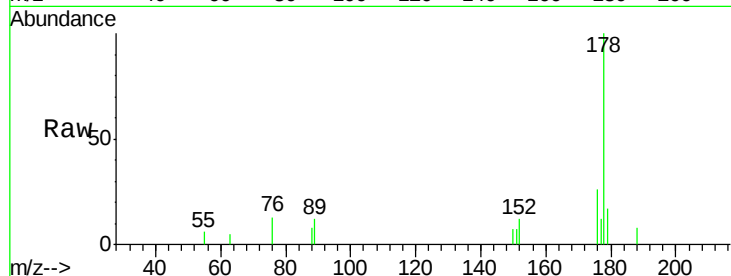
ClientSampleId :

MS-SS-C210

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.8	17.8
176	25.6	15.2	22.8

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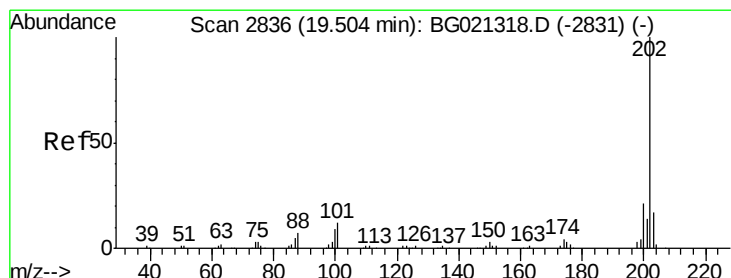
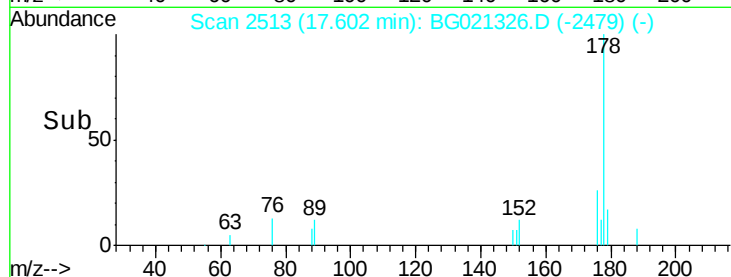
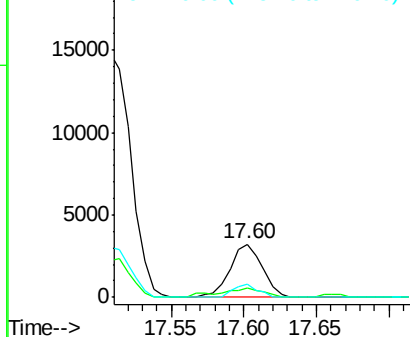
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 6.35 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG021326.D

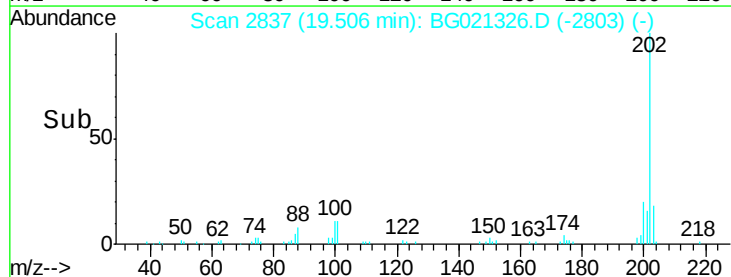
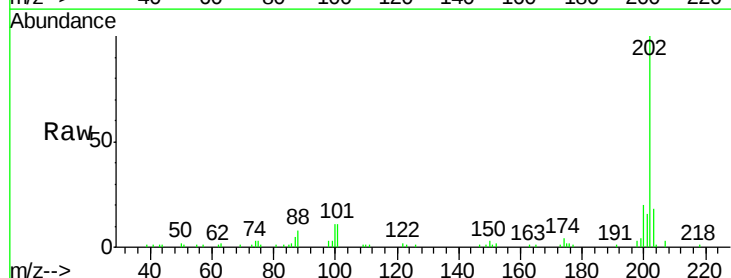
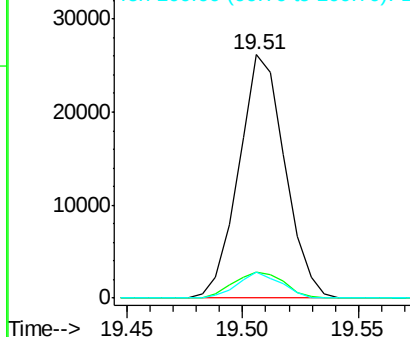
Acq: 6 Mar 2016 5:02

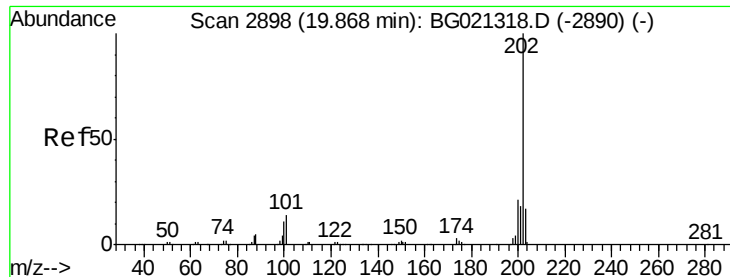
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.9	14.9
100	10.6	7.4	11.0

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





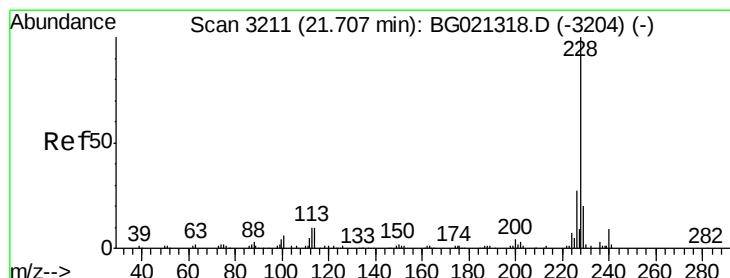
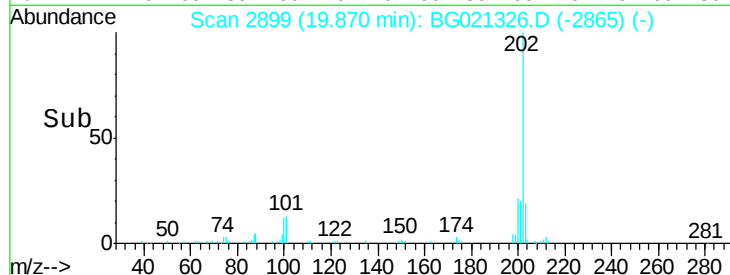
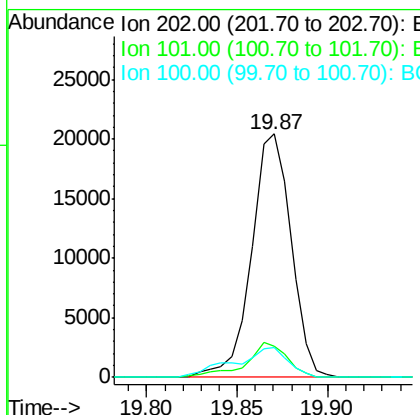
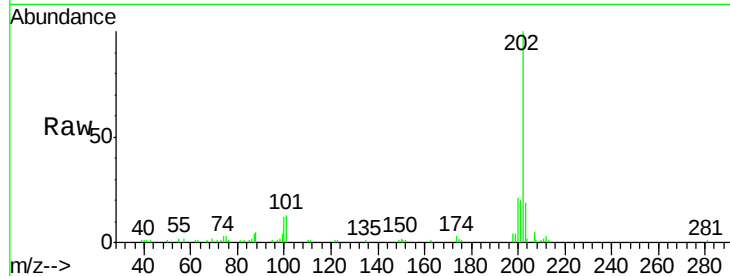
#80
Pyrene
Concen: 5.27 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Instrument :
BNA_G
ClientSampleId :
MS-SS-C210

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	11.0	16.4
100	12.3	8.1	12.1

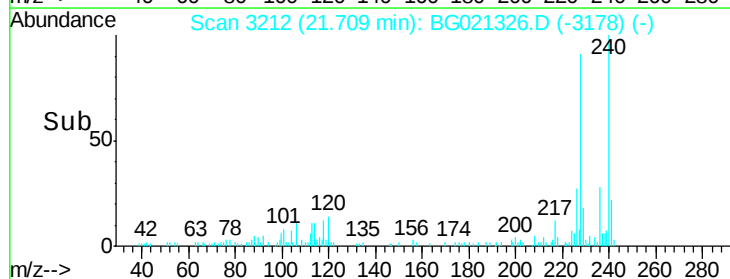
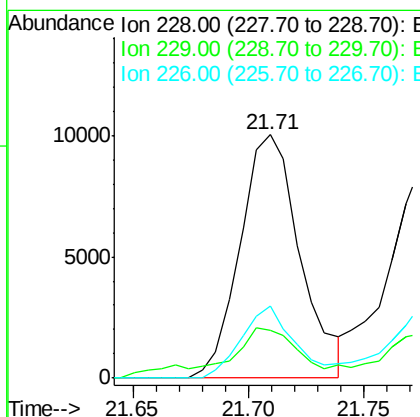
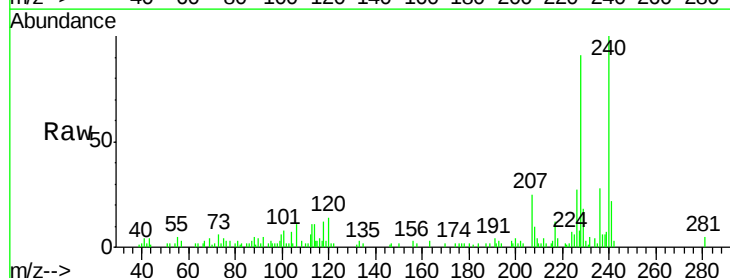
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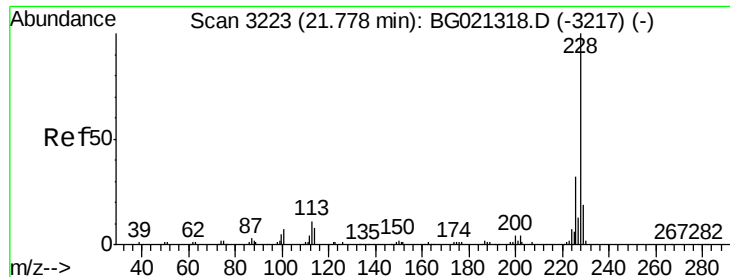
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#83
Benzo(a)anthracene
Concen: 3.19 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.7	15.7	23.5
226	29.6	21.1	31.7





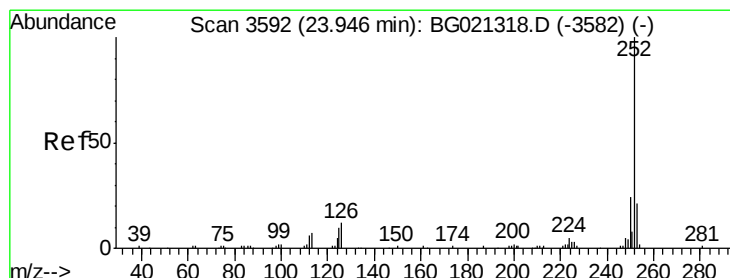
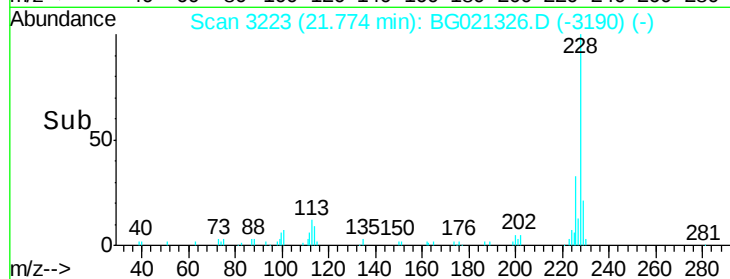
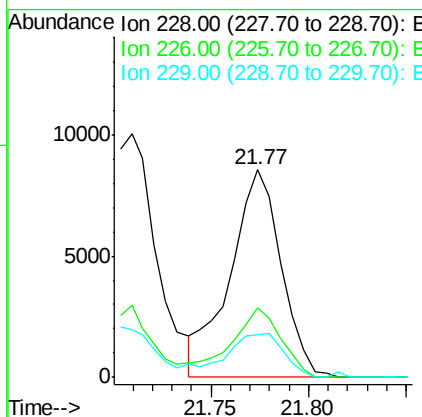
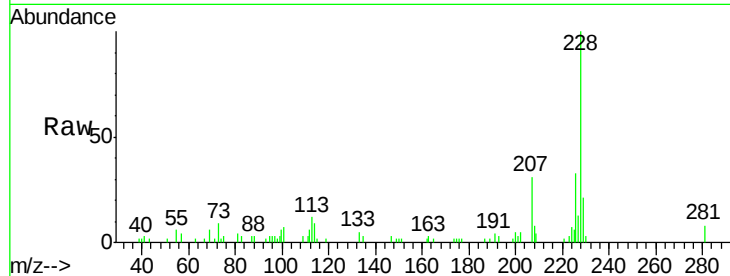
#85
Chrysene
Concen: 2.93 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Instrument :
BNA_G
ClientSampleId :
MS-SS-C210

Tgt Ion:	228	Resp:	15557
Ion Ratio		Lower	Upper
228	100		
226	33.5	24.5	36.7
229	20.7	15.8	23.8

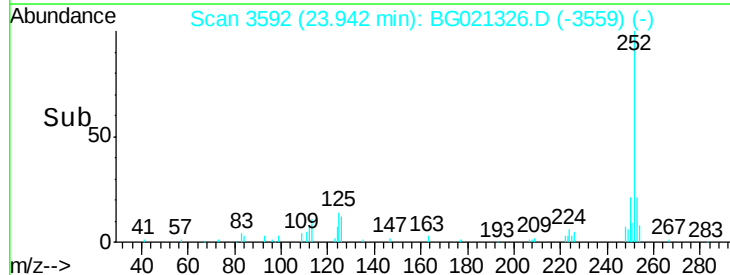
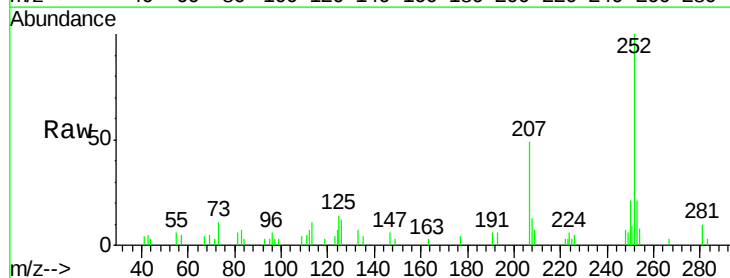
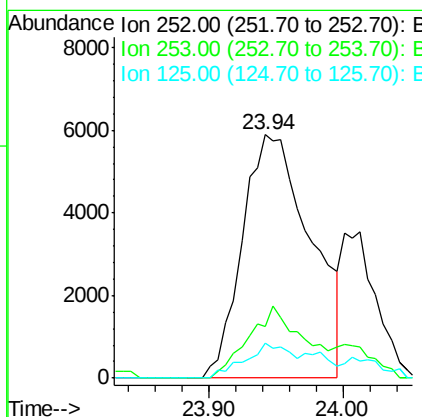
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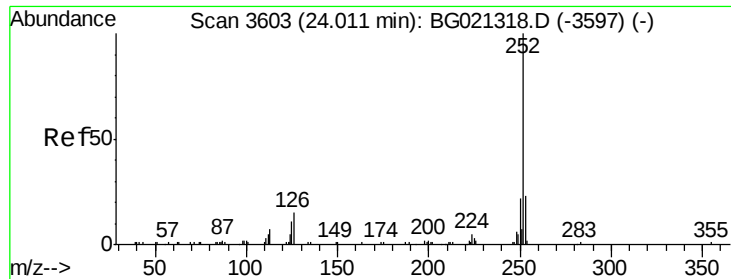
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#88
Benzo(b)fluoranthene
Concen: 3.66 ng/ul m
RT: 23.94 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Tgt Ion:	252	Resp:	20728
Ion Ratio		Lower	Upper
252	100		
253	21.1	18.0	27.0
125	14.3	8.0	12.0#





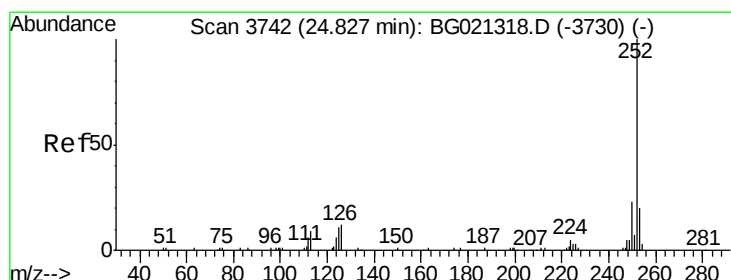
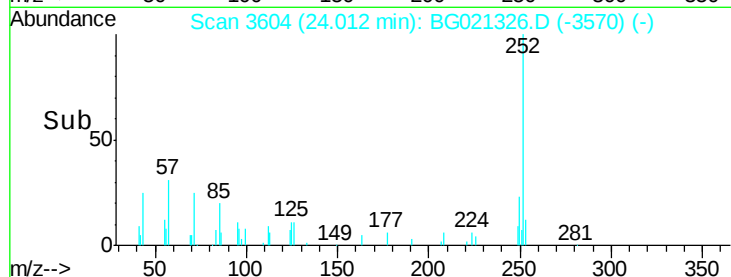
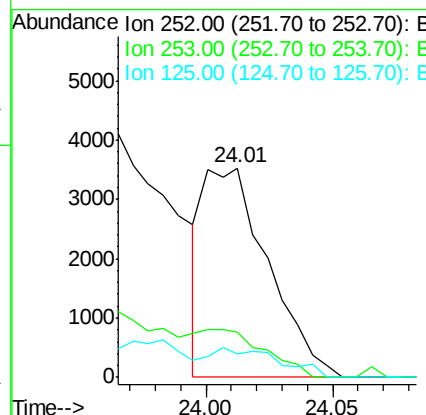
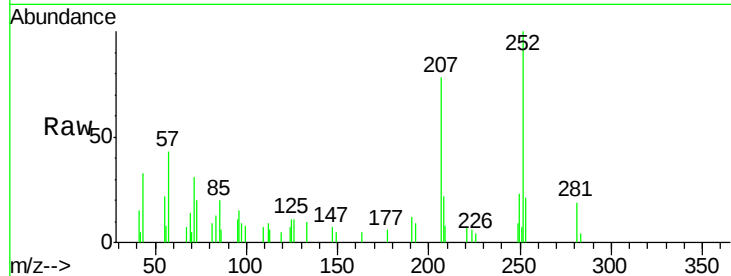
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Benzo(k)fluoranthene
Concen: 1.14 ng/ul
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Instrument :
BNA_G
ClientSampleId :
MS-SS-C210

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	11.3	8.1	12.1

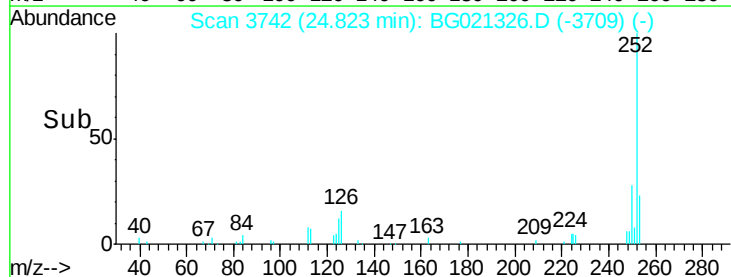
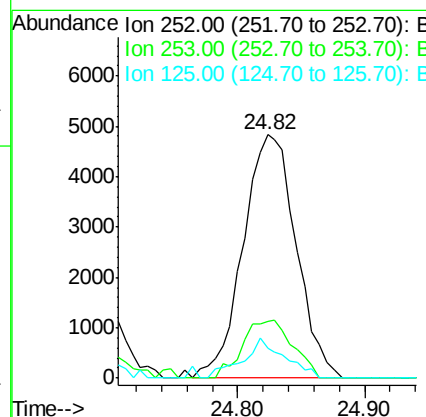
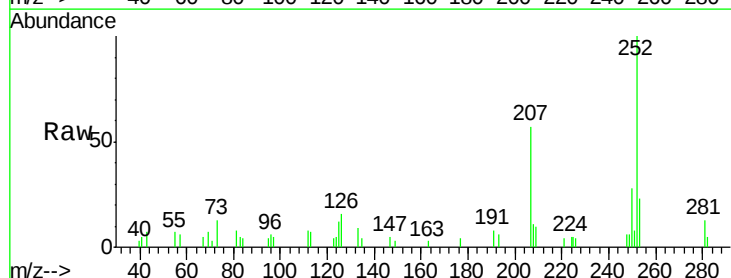
Manual Integrations
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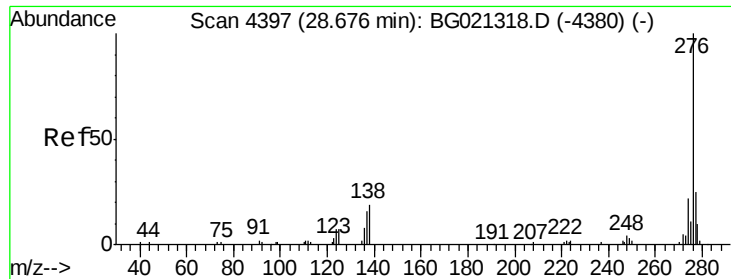
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#91
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.0	8.2	12.4





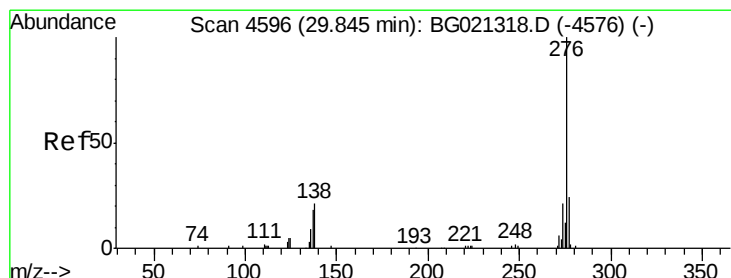
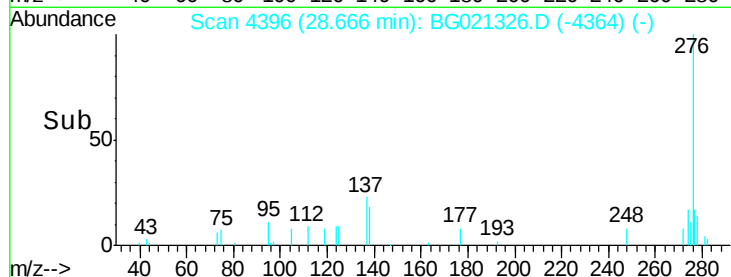
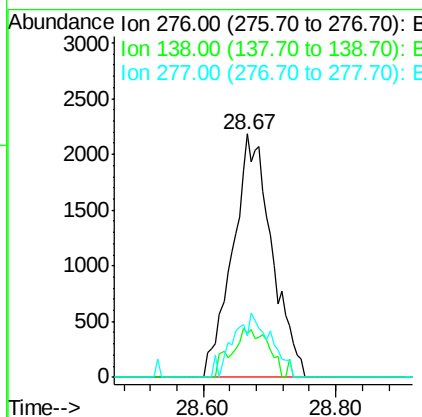
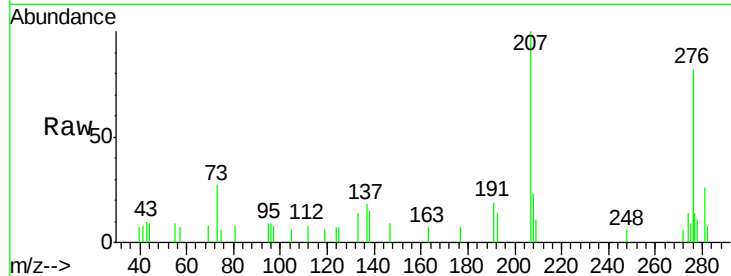
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.51 ng/ul m
 RT: 28.67 min Scan# 4396
 Delta R.T. -0.01 min
 Lab File: BG021326.D
 Acq: 6 Mar 2016 5:02

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C210

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.3	14.4	21.6
277	17.1	18.0	27.0#

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.62 ng/ul m
 RT: 29.82 min Scan# 4592
 Delta R.T. -0.03 min
 Lab File: BG021326.D
 Acq: 6 Mar 2016 5:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.9	15.3	22.9#
277	23.1	19.0	28.4

