

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

Quant Time: Mar 07 04:52:42 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	17.57	188	61647	20.00	ng/ul	0.10
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	13.63	ng/ul	0.00
71) Anthracene-d10	17.57	188	61647	20.11	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

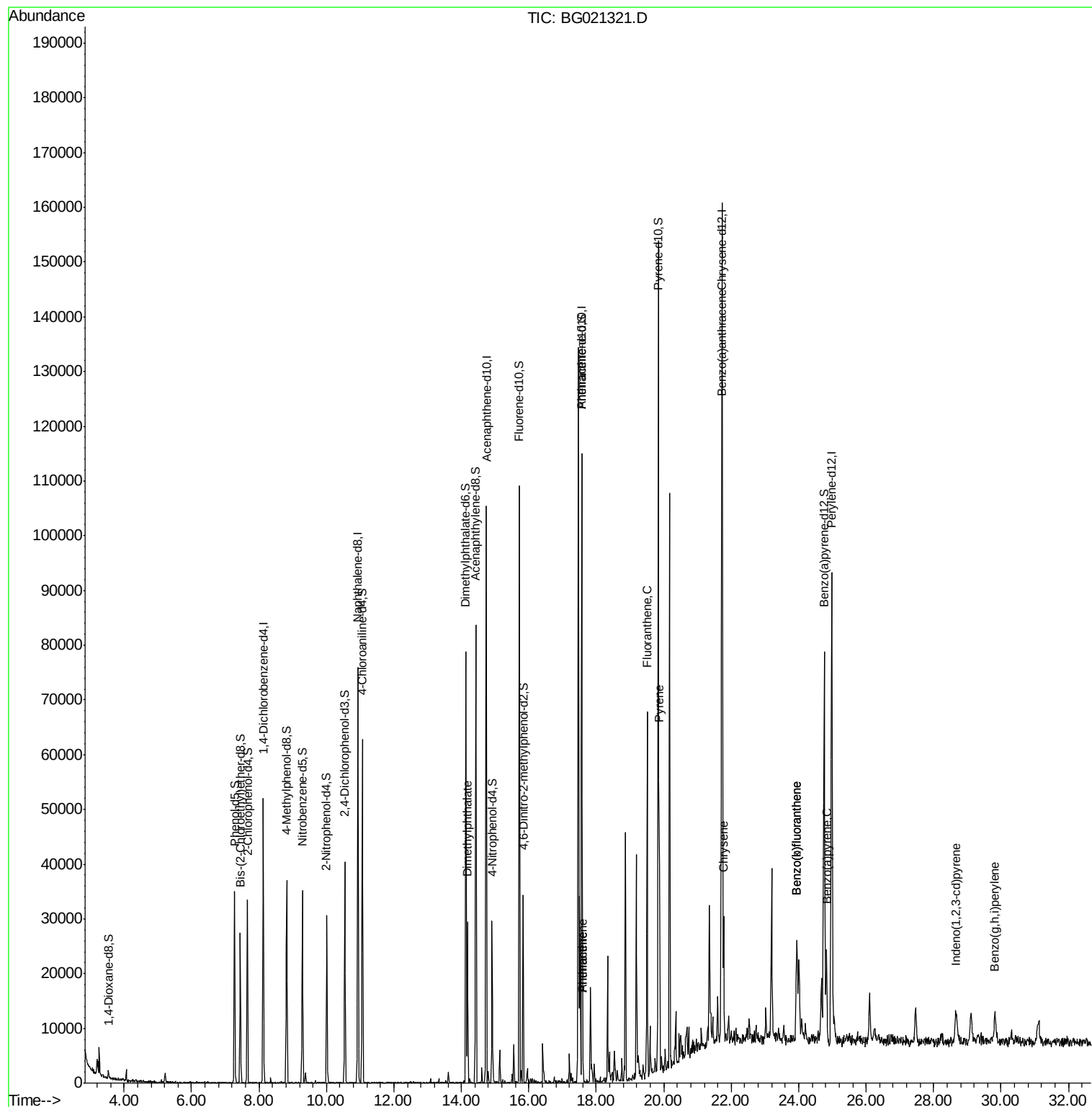
						Qvalue
45) Dimethylphthalate	14.18	163	17582	5.60	ng/ul#	97
70) Phenanthrene	17.60	178	3789	1.02	ng/ul	98
72) Anthracene	17.60	178	3789	1.01	ng/ul	97
77) Fluoranthene	19.51	202	37680	8.68	ng/ul	98
80) Pyrene	19.87	202	32549	5.74	ng/ul#	95
83) Benzo(a)anthracene	21.71	228	19133	3.49	ng/ul	99
85) Chrysene	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	23.95	252	23651	4.46	ng/ul#	96
91) Benzo(a)pyrene	24.82	252	16390	3.09	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.66	276	6104	1.06	ng/ul	95
94) Benzo(g,h,i)perylene	29.81	276	5294	1.10	ng/ul#	93

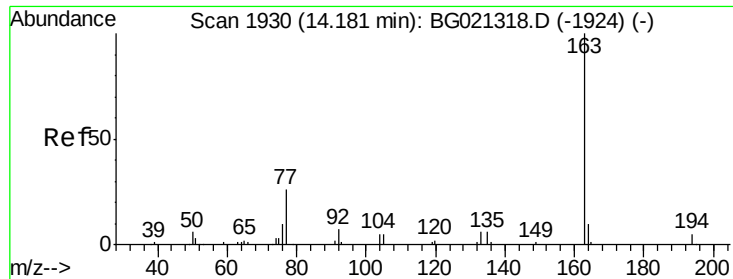
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 07 04:51:57 2016
Response via : Initial Calibration

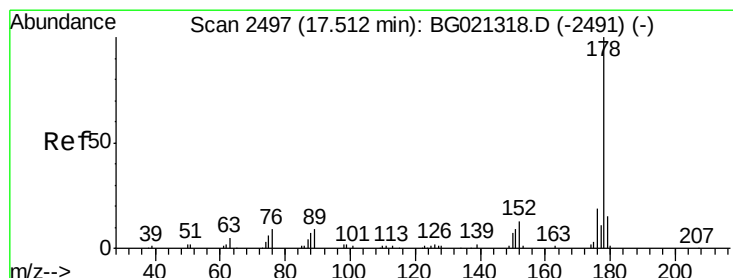
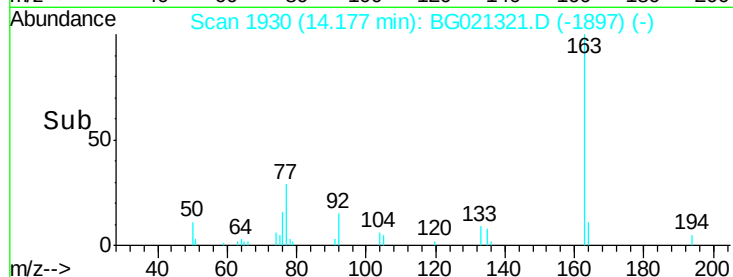
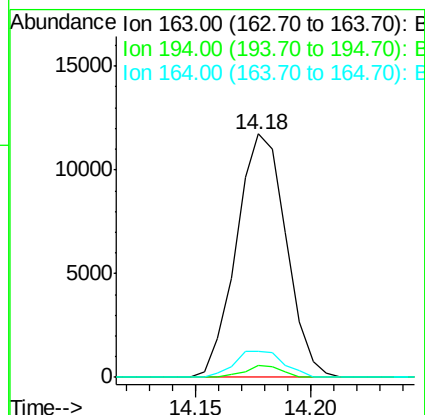
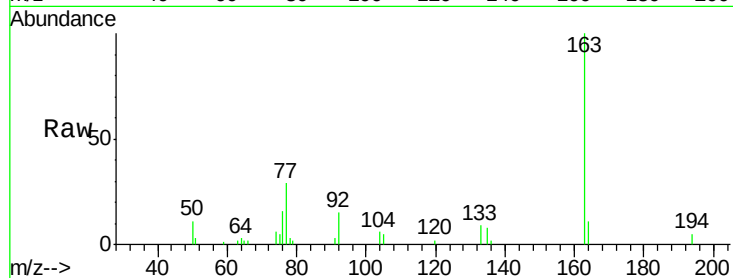




#45
Dimethylphthalate
Concen: 5.60 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

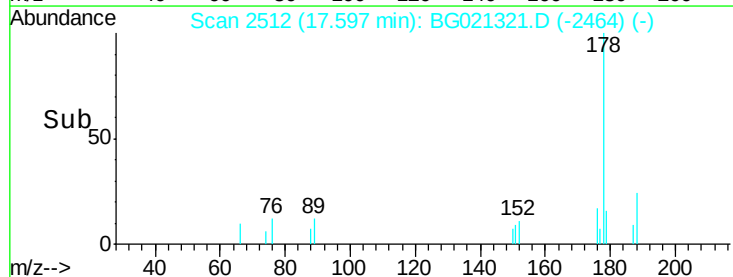
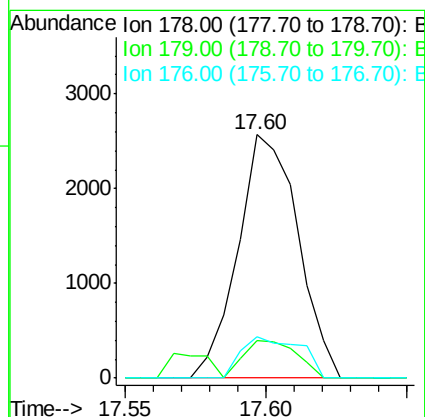
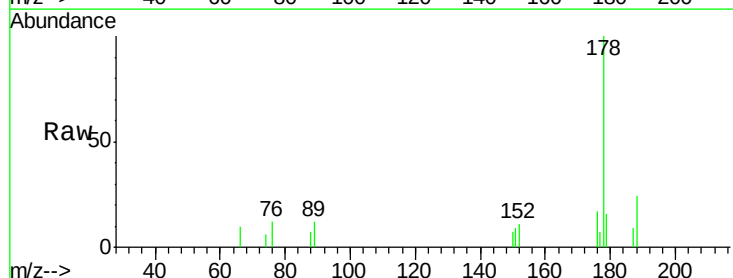
Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

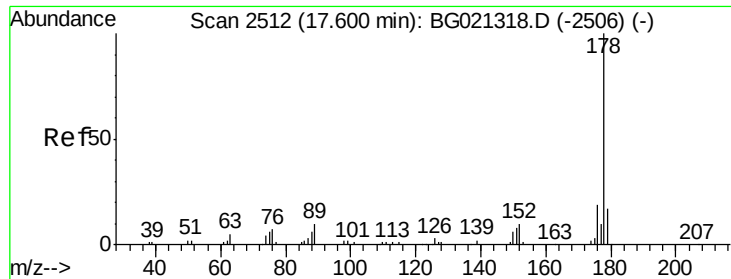
Tgt Ion:163 Resp: 17582
Ion Ratio Lower Upper
163 100
194 5.2 2.8 4.2#
164 10.9 8.2 12.2



#70
Phenanthrene
Concen: 1.02 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. 0.08 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

Tgt Ion:178 Resp: 3789
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 17.2 15.1 22.7





#72

Anthracene

Concen: 1.01 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG021321.D

Acq: 6 Mar 2016 1:46

Instrument :

BNA_G

ClientSampleId :

MS-SS-C350

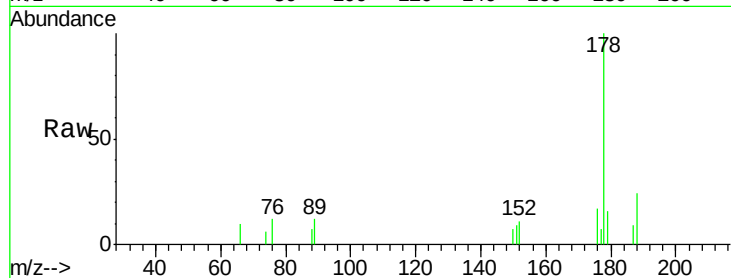
Tgt Ion:178 Resp: 3789

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

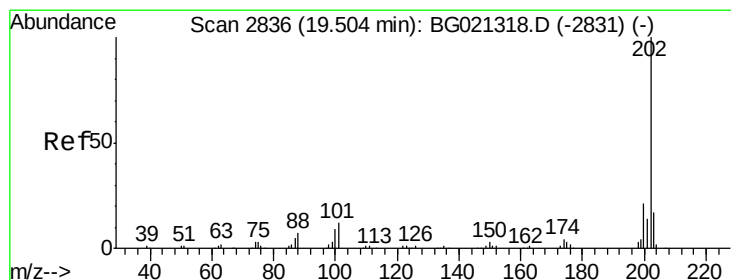
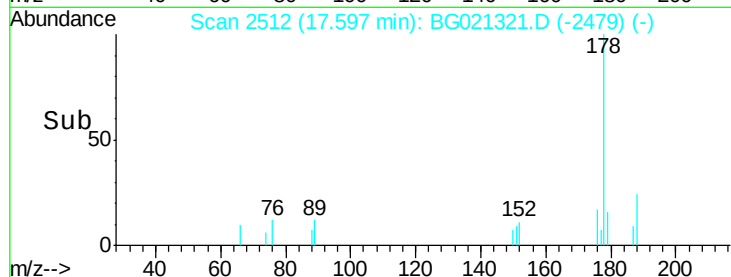
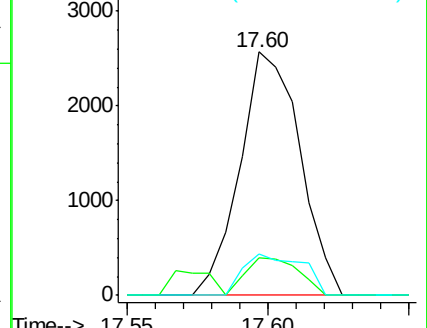
176 17.2 15.2 22.8



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: 8.68 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG021321.D

Acq: 6 Mar 2016 1:46

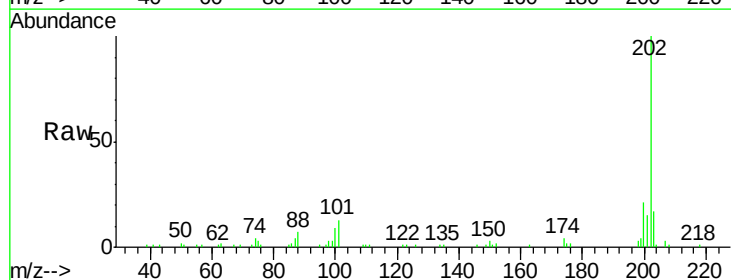
Tgt Ion:202 Resp: 37680

Ion Ratio Lower Upper

202 100

101 13.4 9.9 14.9

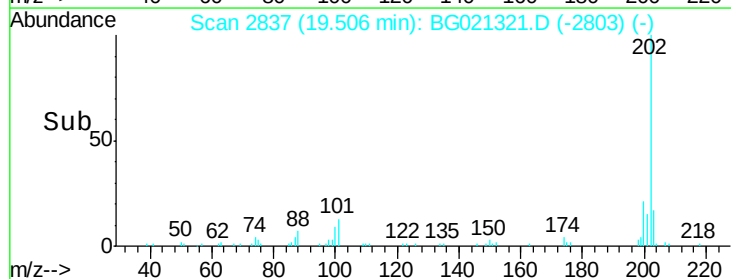
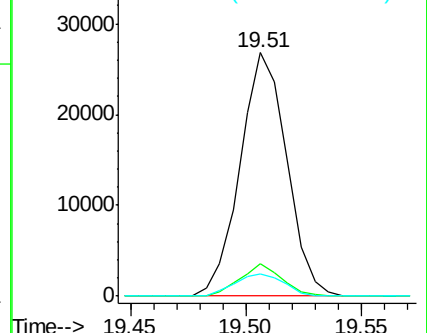
100 9.4 7.4 11.0

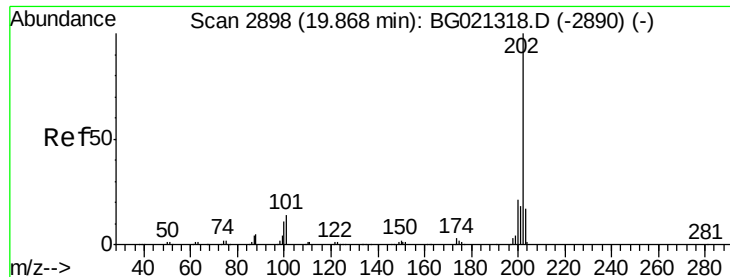


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

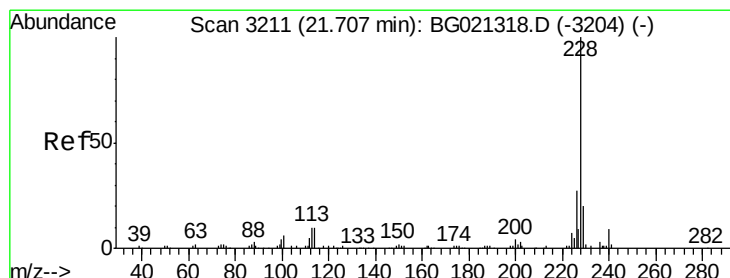
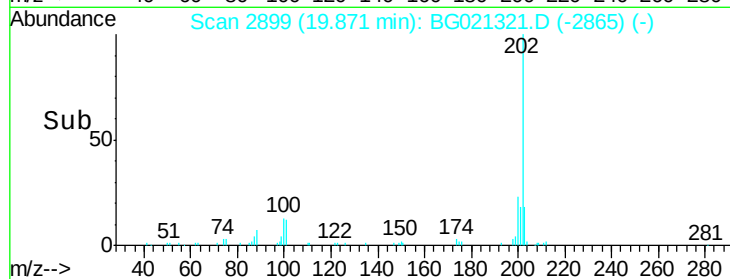
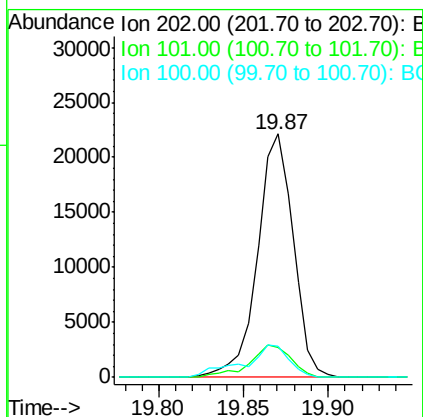
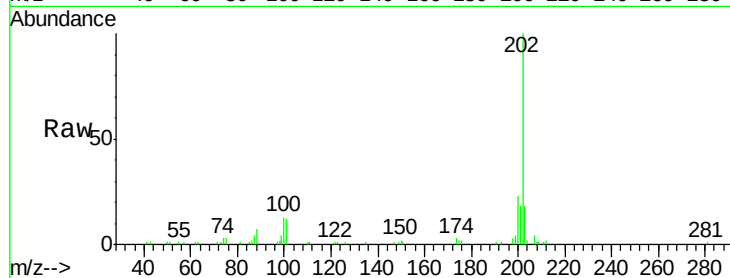




#80
 Pyrene
 Concen: 5.74 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BG021321.D
 Acq: 6 Mar 2016 1:46

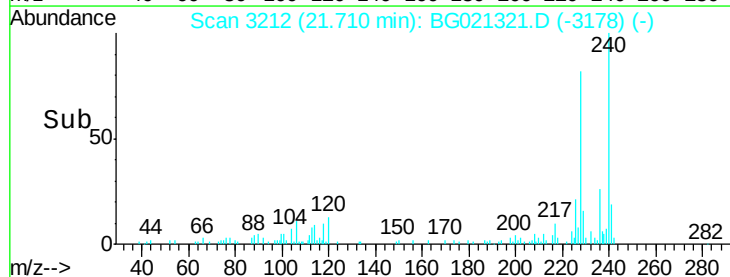
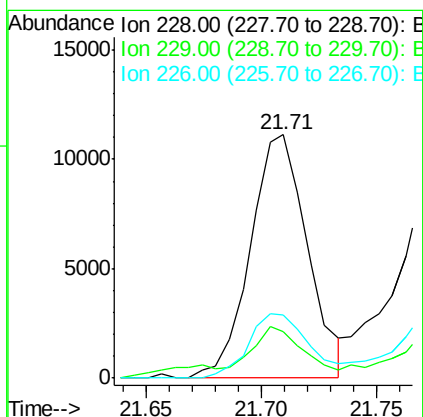
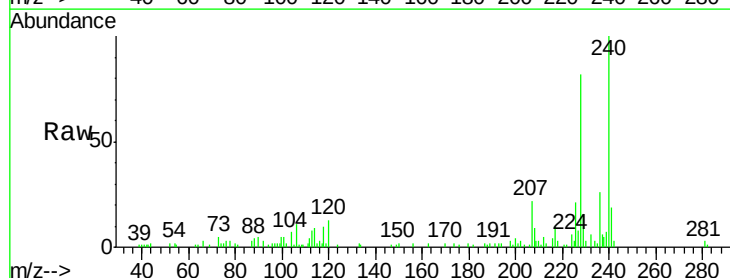
Instrument :
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 MS-SS-C350

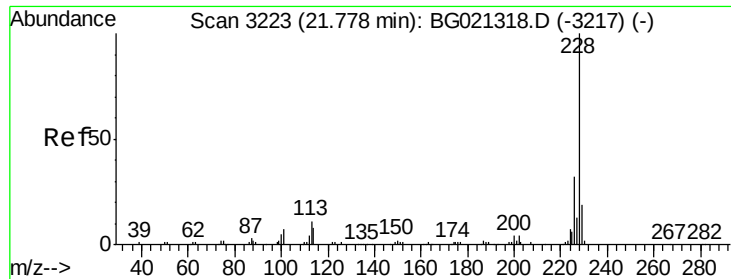
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	12.9	8.1	12.1



#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	Lower	Upper
228	100		
229	19.0	15.7	23.5
226	25.9	21.1	31.7

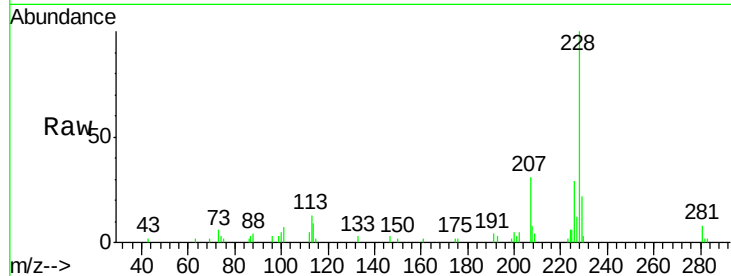




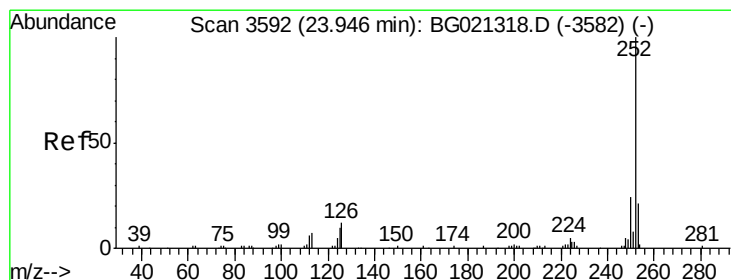
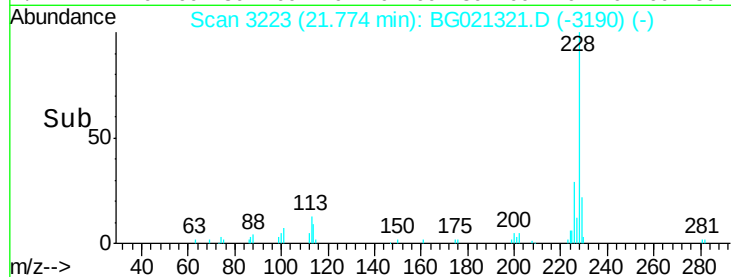
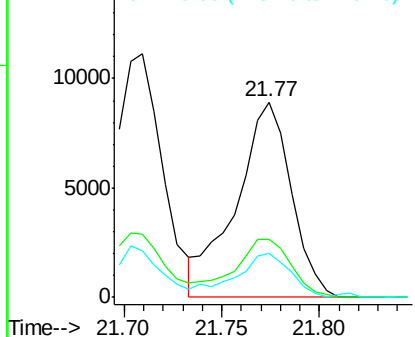
#85
Chrysene
Concen: 3.41 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

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

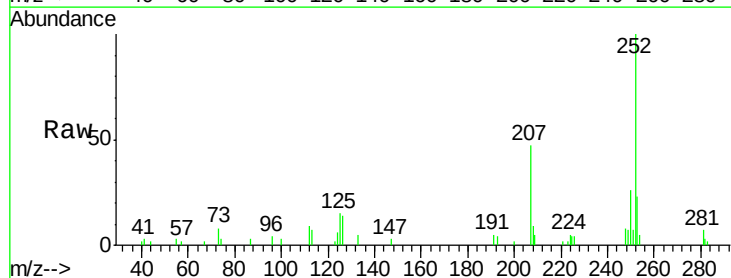


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

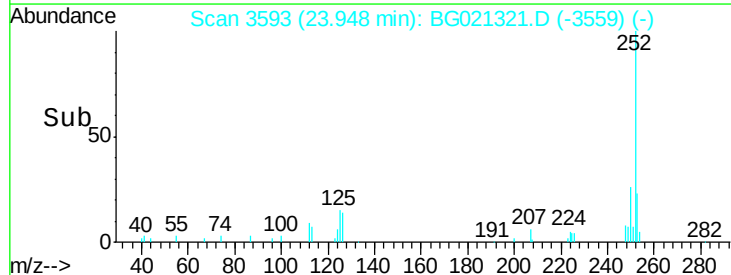
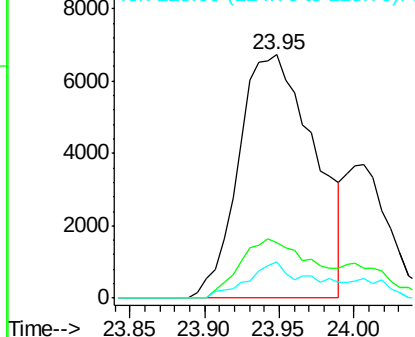


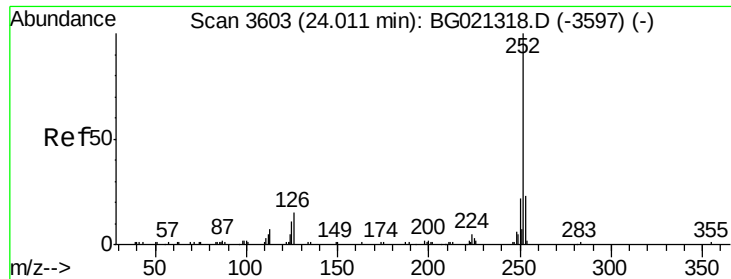
#88
Benzo(b)fluoranthene
Concen: 4.30 ng/ul
RT: 23.95 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BG021321.D
Acq: 6 Mar 2016 1:46

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: 4.46 ng/ul

RT: 23.95 min Scan# 3593

Delta R.T. -0.06 min

Lab File: BG021321.D

Acq: 6 Mar 2016 1:46

Instrument :

BNA_G

ClientSampleId :

MS-SS-C350

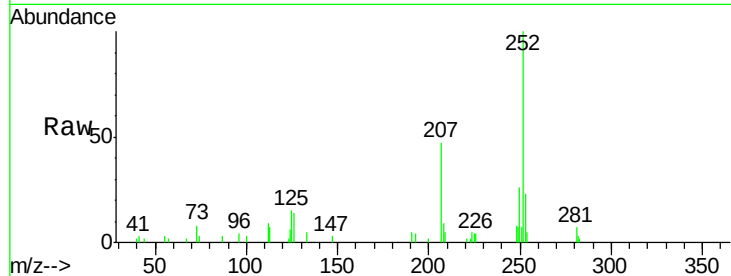
Tgt Ion:252 Resp: 23651

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

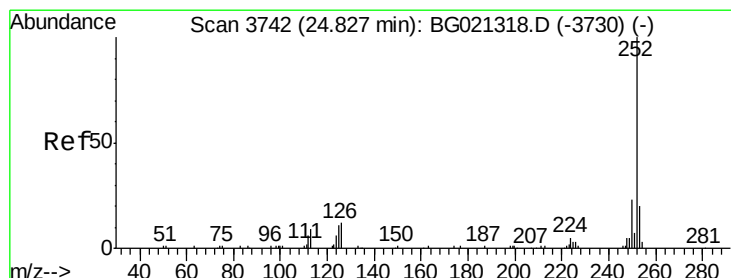
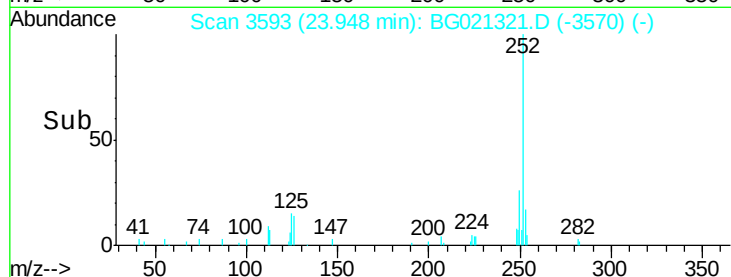
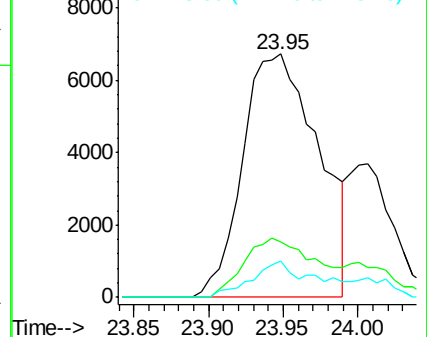
125 14.9 8.1 12.1#



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



#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

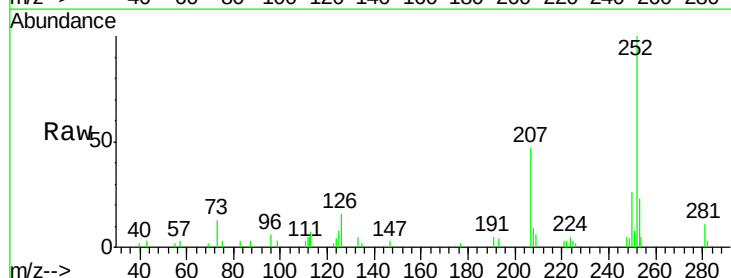
Tgt Ion:252 Resp: 16390

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

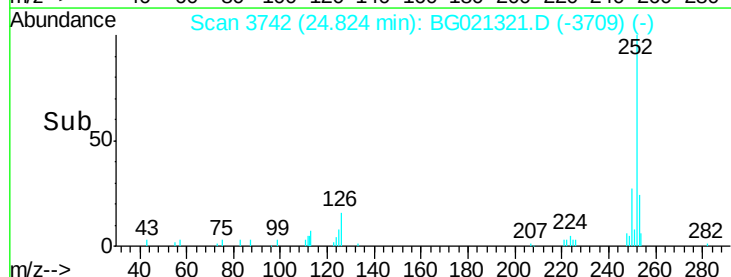
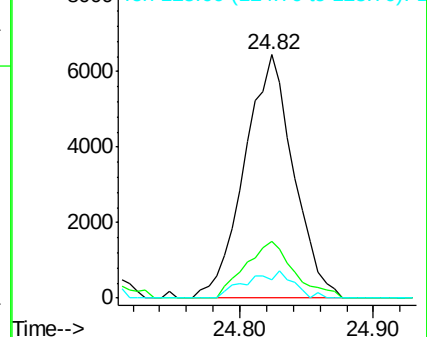
125 7.6 8.2 12.4#

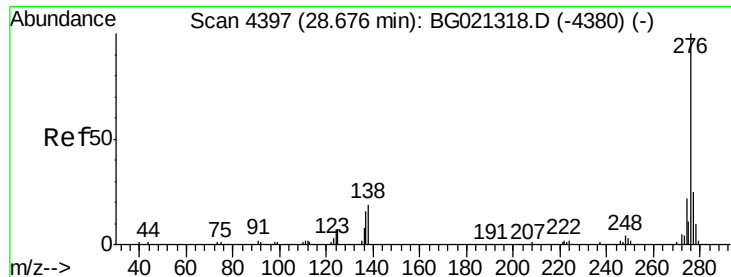


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

RT: 28.66 min Scan# 4395

Delta R.T. -0.02 min

Lab File: BG021321.D

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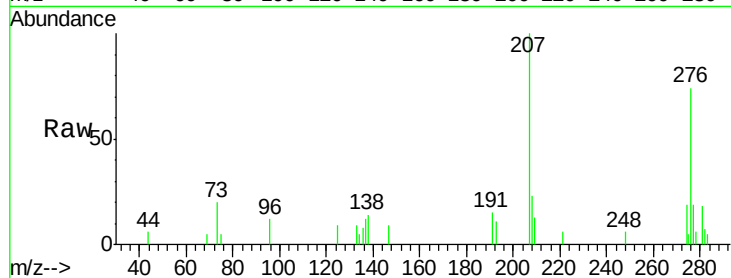
Tgt Ion:276 Resp: 6104

Ion Ratio Lower Upper

276 100

138 19.4 14.4 21.6

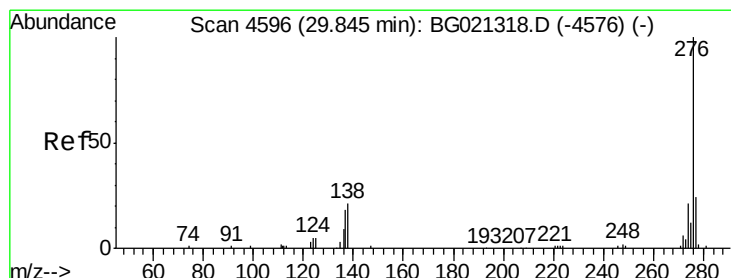
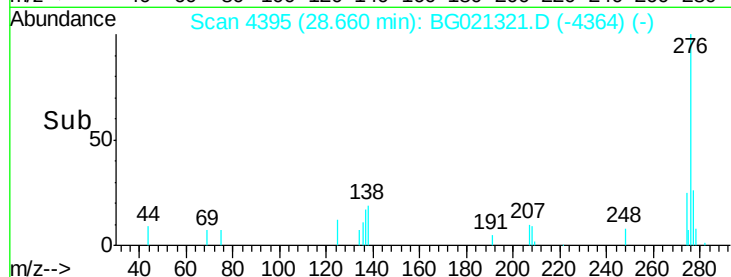
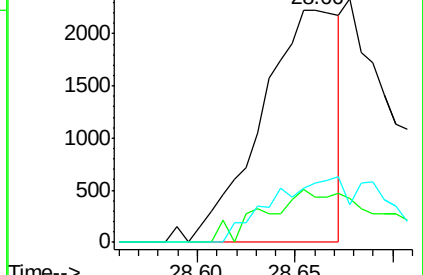
277 25.7 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.10 ng/ul

RT: 29.81 min Scan# 4591

Delta R.T. -0.03 min

Lab File: BG021321.D

Acq: 6 Mar 2016 1:46

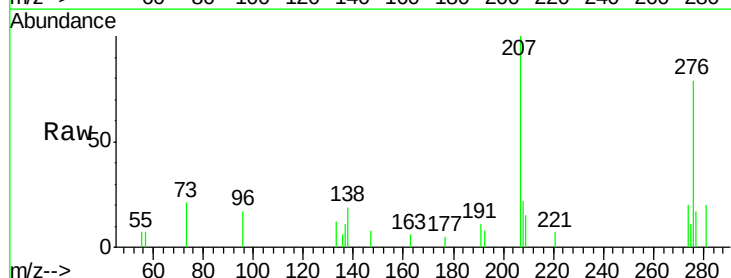
Tgt Ion:276 Resp: 5294

Ion Ratio Lower Upper

276 100

138 24.4 15.3 22.9#

277 21.7 19.0 28.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

