

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021716\
 Data File : BG020924.D
 Acq On : 17 Feb 2016 13:32
 Operator : SJ/UM
 Sample : H1477-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S02-0312

Quant Time: Feb 18 01:04:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 18 00:59:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	16009	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	87631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	55752	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	121072	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	111469	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	105684	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1316	3.99	ng/uL	0.00
5) Phenol-d5	7.40	99	33809	20.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19199	22.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28827	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	28918	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	15961	22.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	17238	24.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	29818	22.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	42626	23.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	113001	23.55	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	139636	23.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	19694	20.50	ng/ul	0.00
58) Fluorene-d10	15.86	176	99223	24.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	11529	19.65	ng/ul	0.00
71) Anthracene-d10	17.71	188	143978	24.07	ng/ul	0.00
79) Pyrene-d10	19.97	212	142573	24.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	141892	24.23	ng/ul	0.00

Target Compounds

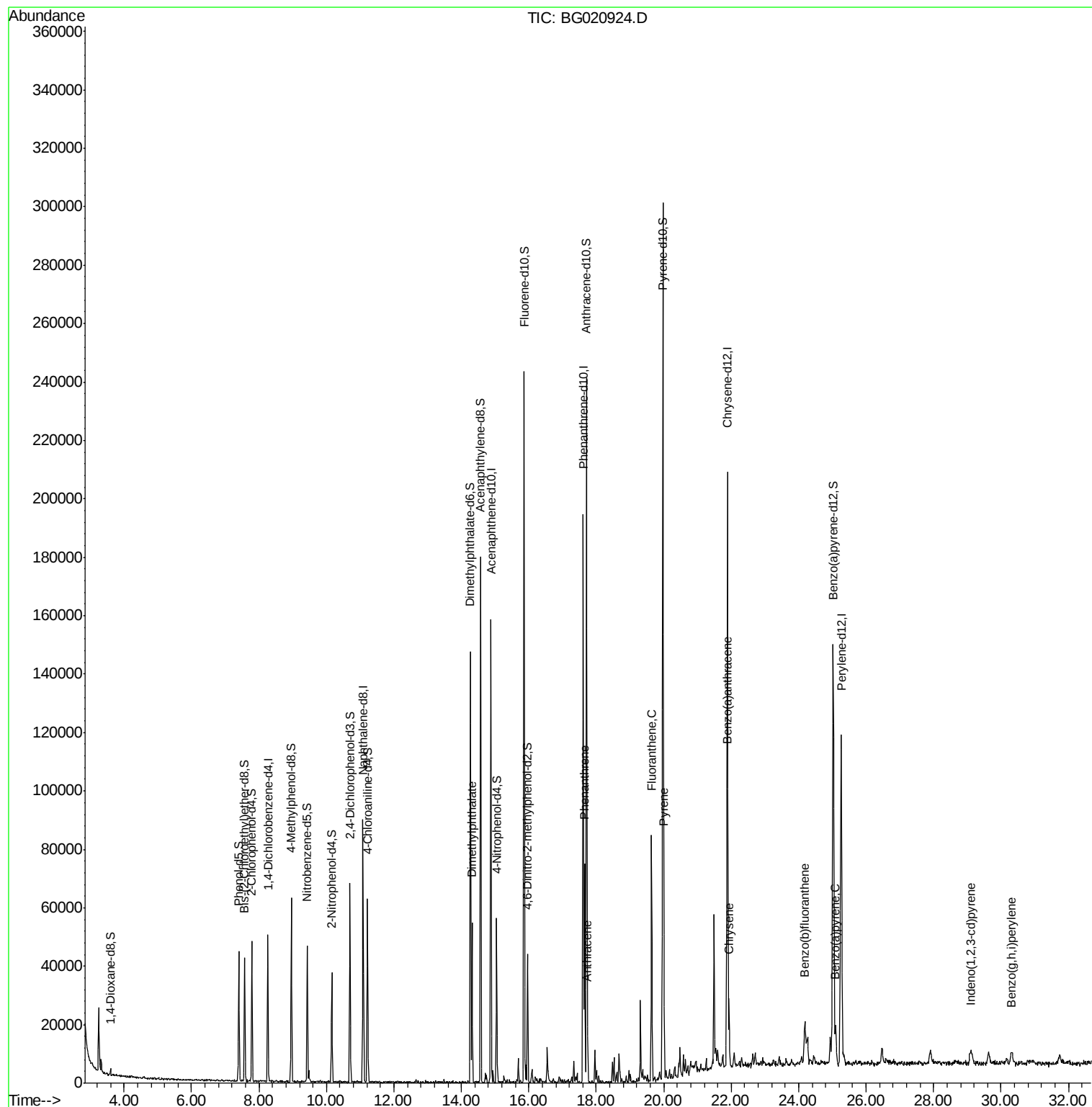
						Qvalue
45) Dimethylphthalate	14.32	163	40854	8.18	ng/ul	98
70) Phenanthrene	17.65	178	47680	6.25	ng/ul	98
72) Anthracene	17.74	178	12451	1.62	ng/ul	98
77) Fluoranthene	19.64	202	51210	6.49	ng/ul	94
80) Pyrene	20.00	202	40221	5.00	ng/ul	99
83) Benzo(a)anthracene	21.86	228	20004	2.75	ng/ul	98
85) Chrysene	21.93	228	16607	2.48	ng/ul	99
88) Benzo(b)fluoranthene	24.18	252	19728	2.74	ng/ul	95
91) Benzo(a)pyrene	25.10	252	13635	2.00	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.11	276	8502	1.08	ng/ul	94
94) Benzo(g,h,i)perylene	30.31	276	7648	1.19	ng/ul	99

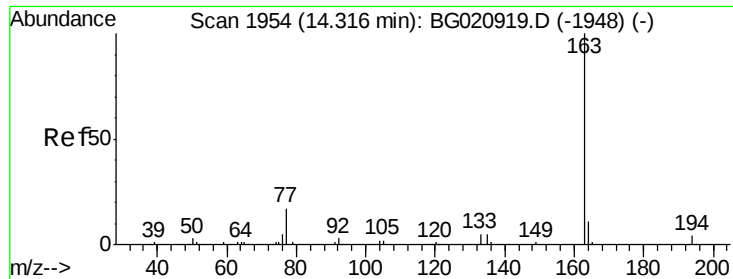
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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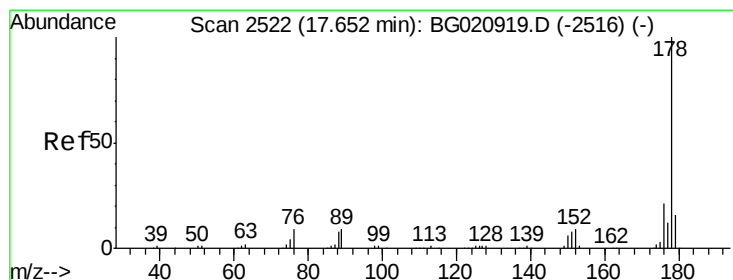
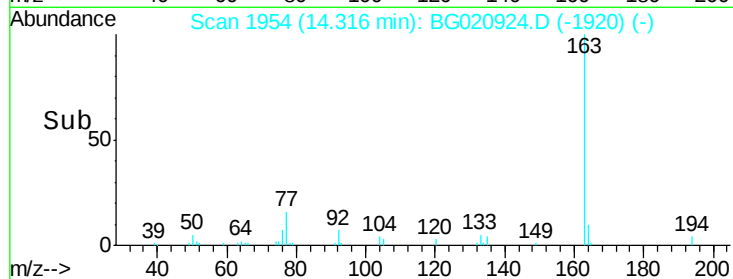
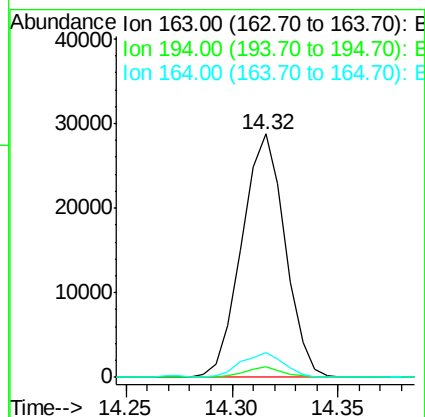
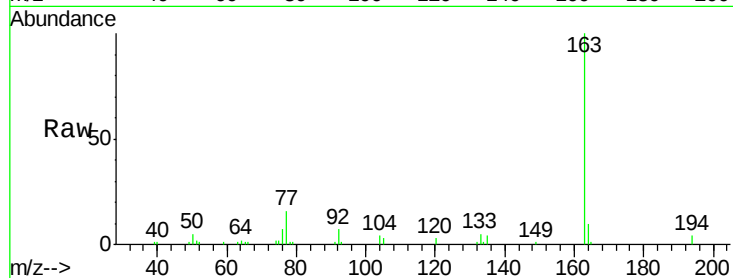




#45
 Dimethylphthalate
 Concen: 8.18 ng/ul
 RT: 14.32 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG020924.D
 Acq: 17 Feb 2016 13:32

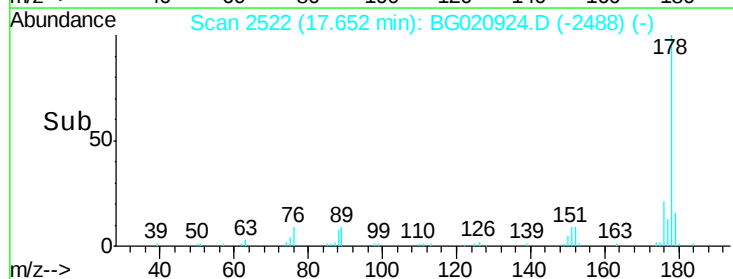
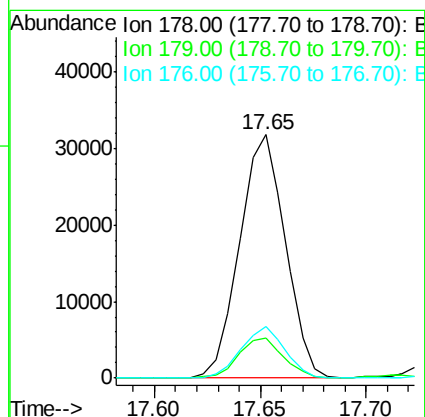
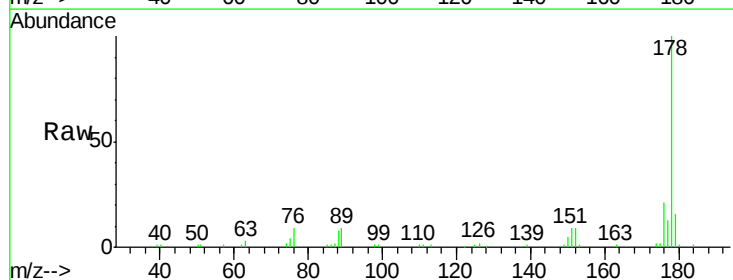
Instrument :
 BNA_G
 ClientSampleId :
 0311-S02-0312

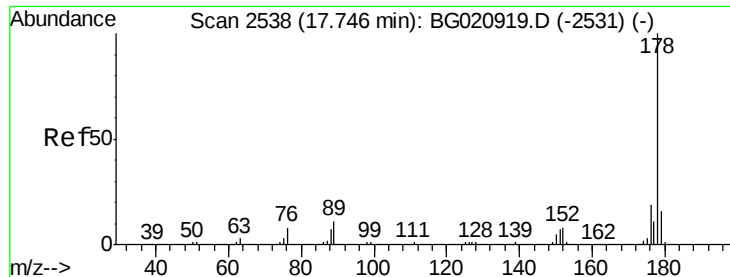
Tgt Ion:163 Resp: 40854
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.0 4.6
 164 10.3 7.7 11.5



#70
 Phenanthrene
 Concen: 6.25 ng/ul
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG020924.D
 Acq: 17 Feb 2016 13:32

Tgt Ion:178 Resp: 47680
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.6 19.0
 176 21.2 16.0 24.0





#72

Anthracene

Concen: 1.62 ng/ul

RT: 17.74 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG020924.D

Acq: 17 Feb 2016 13:32

Instrument :

BNA_G

ClientSampleId :

0311-S02-0312

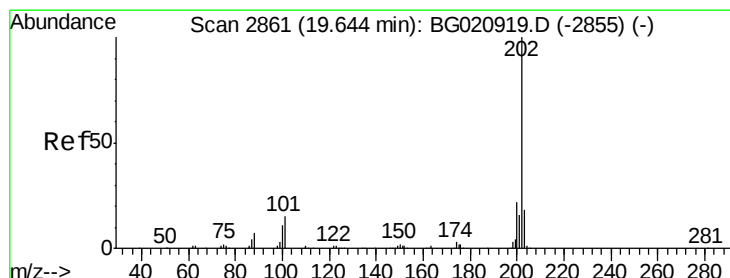
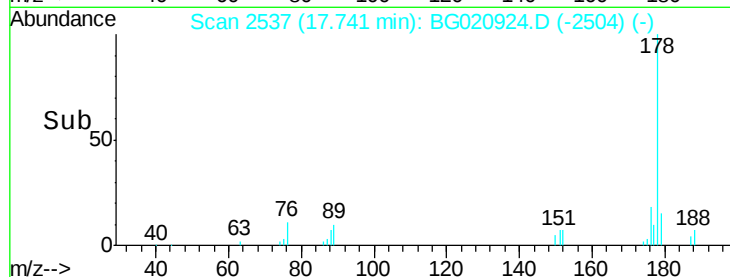
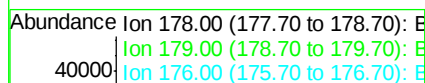
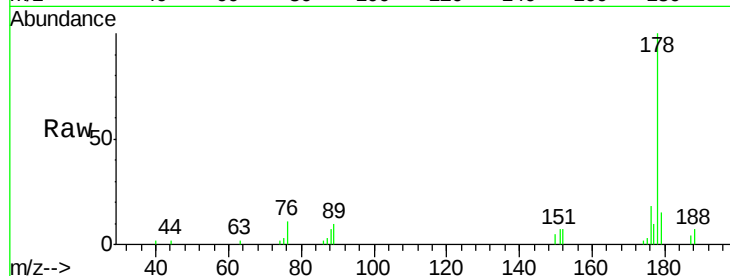
Tgt Ion:178 Resp: 12451

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.4 15.5 23.3



#77

Fluoranthene

Concen: 6.49 ng/ul

RT: 19.64 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG020924.D

Acq: 17 Feb 2016 13:32

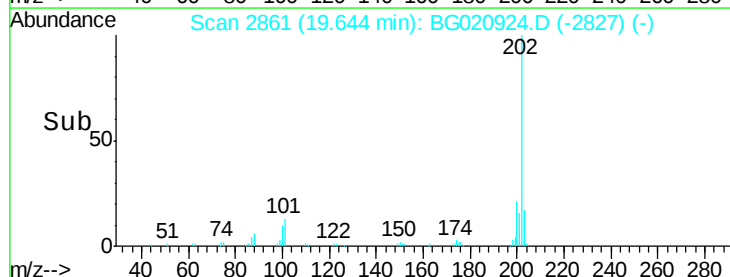
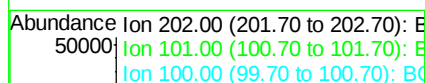
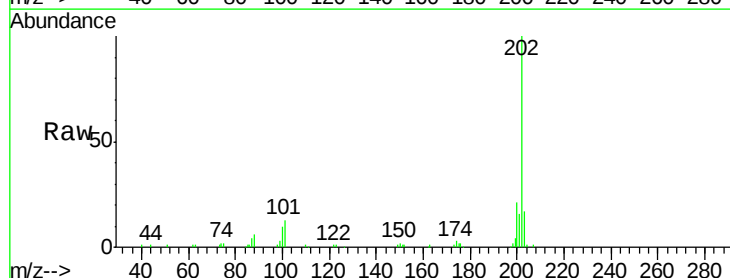
Tgt Ion:202 Resp: 51210

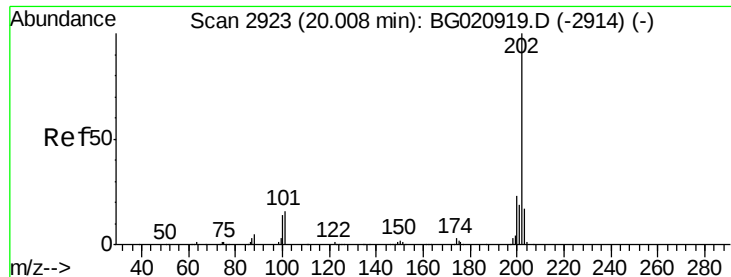
Ion Ratio Lower Upper

202 100

101 13.0 12.5 18.7

100 9.9 9.9 14.9

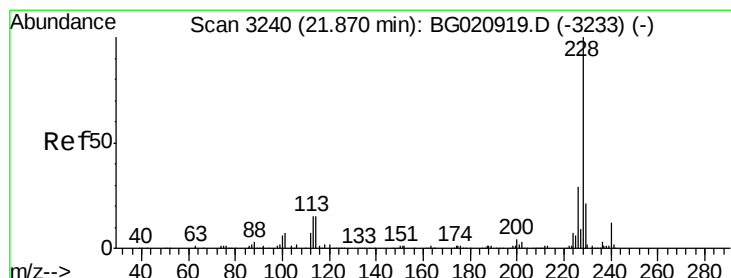
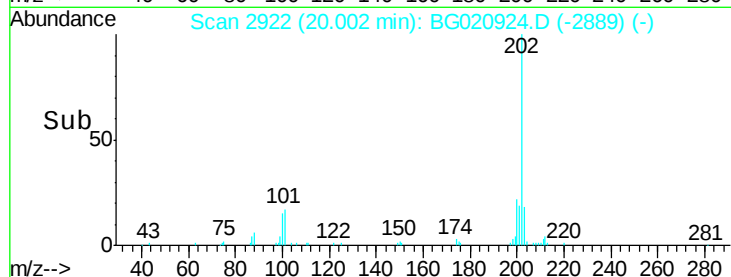
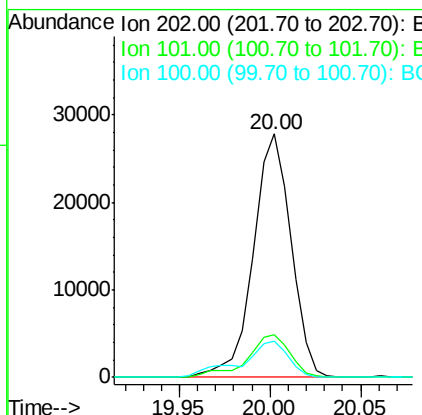
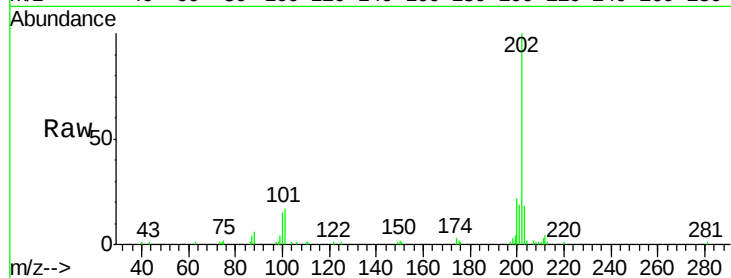




#80
 Pyrene
 Concen: 5.00 ng/u1
 RT: 20.00 min Scan# 2922
 Delta R.T. -0.01 min
 Lab File: BG020924.D
 Acq: 17 Feb 2016 13:32

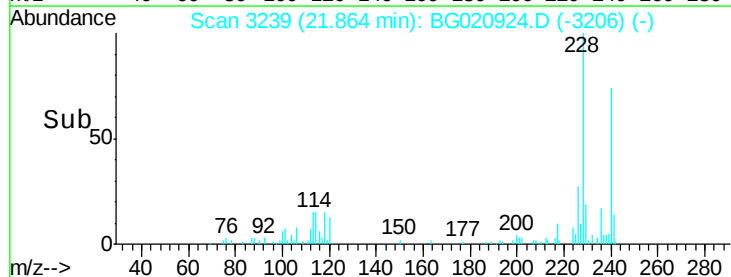
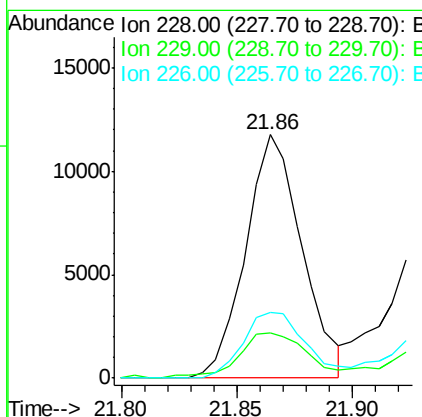
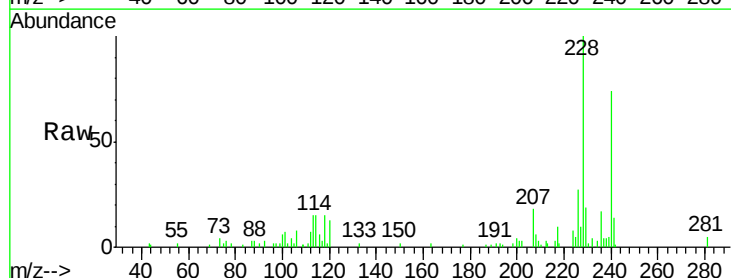
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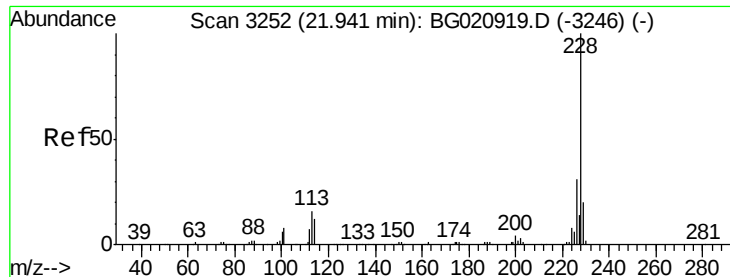
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.3	13.5	20.3
100	14.9	11.7	17.5



#83
 Benzo(a)anthracene
 Concen: 2.75 ng/u1
 RT: 21.86 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: BG020924.D
 Acq: 17 Feb 2016 13:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.7	14.8	22.2
226	26.7	23.0	34.4

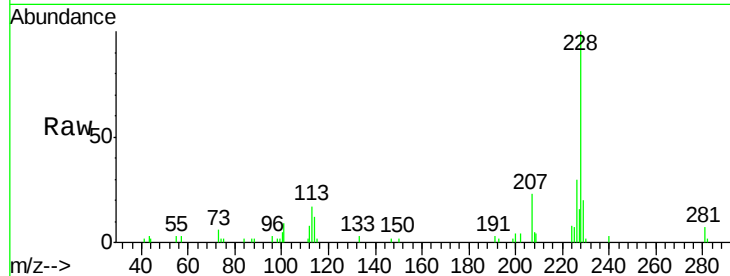




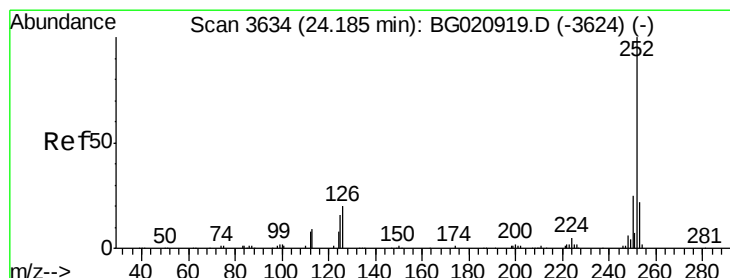
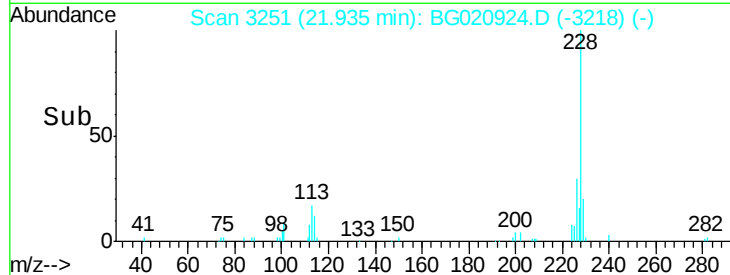
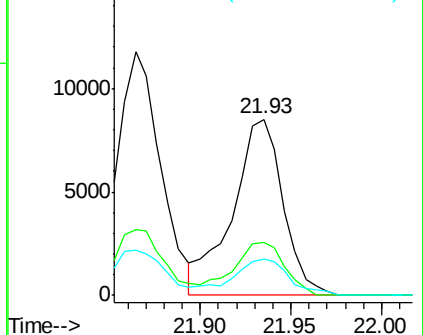
#85
Chrysene
Concen: 2.48 ng/ul
RT: 21.93 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Instrument :
BNA_G
ClientSampleId :
0311-S02-0312

Tgt Ion:228 Resp: 16607
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 20.4 15.8 23.6

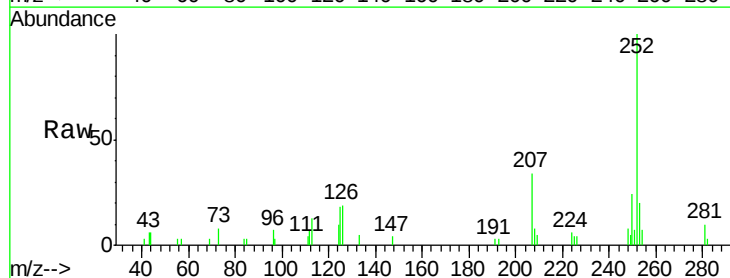


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

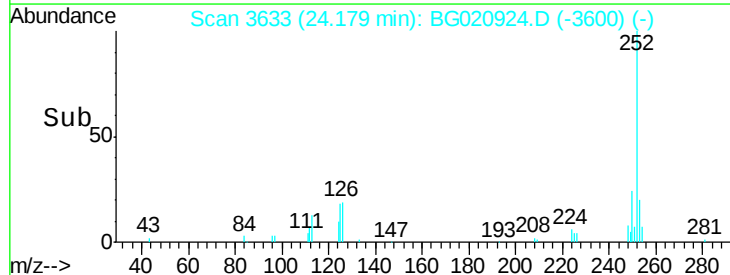
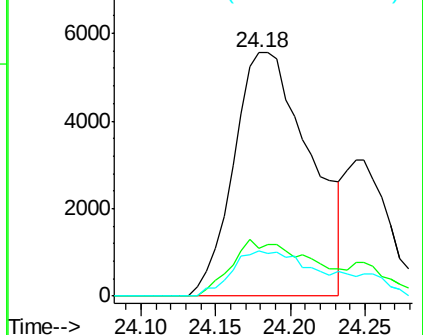


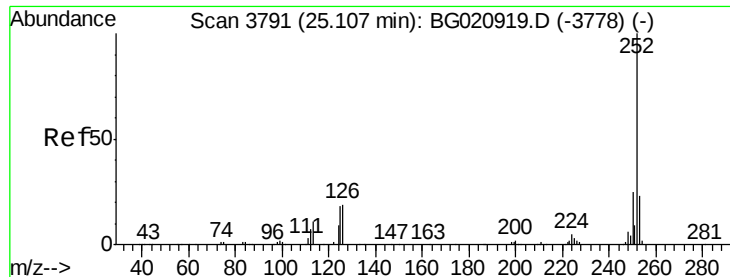
#88
Benzo(b)fluoranthene
Concen: 2.74 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. -0.01 min
Lab File: BG020924.D
Acq: 17 Feb 2016 13:32

Tgt Ion:252 Resp: 19728
Ion Ratio Lower Upper
252 100
253 19.8 17.1 25.7
125 18.4 12.5 18.7



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: 2.00 ng/ul

RT: 25.10 min Scan# 3789

Delta R.T. -0.01 min

Lab File: BG020924.D

Acq: 17 Feb 2016 13:32

Instrument :

BNA_G

ClientSampleId :

0311-S02-0312

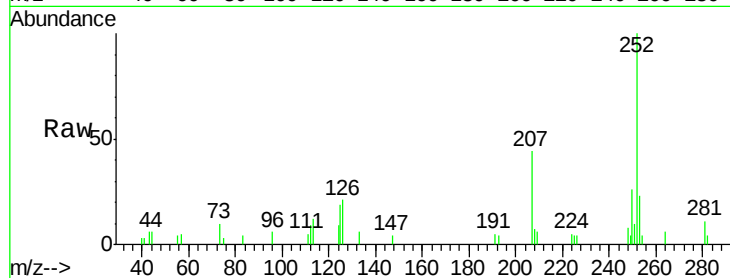
Tgt Ion:252 Resp: 13635

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

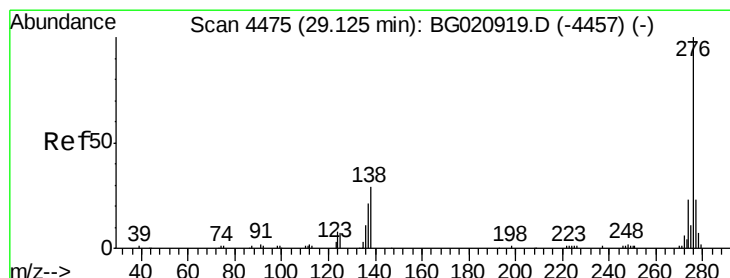
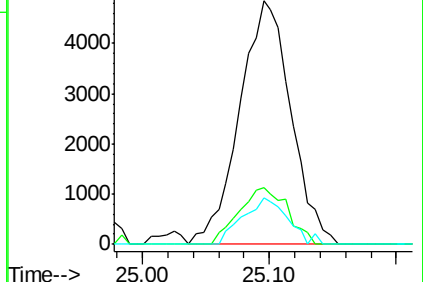
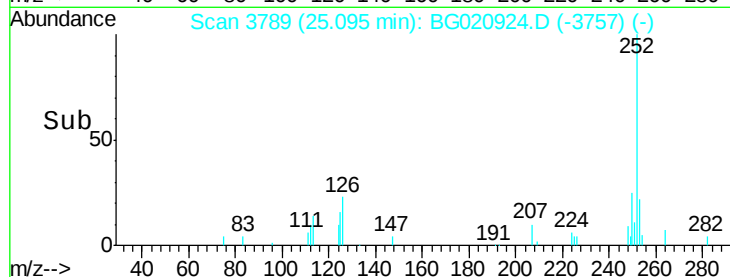
125 19.2 14.2 21.2



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: 1.08 ng/ul

RT: 29.11 min Scan# 4472

Delta R.T. -0.02 min

Lab File: BG020924.D

Acq: 17 Feb 2016 13:32

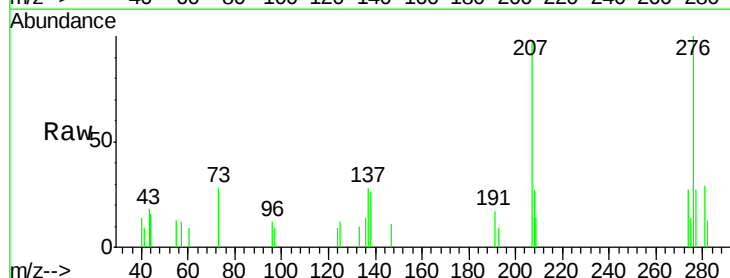
Tgt Ion:276 Resp: 8502

Ion Ratio Lower Upper

276 100

138 25.5 22.4 33.6

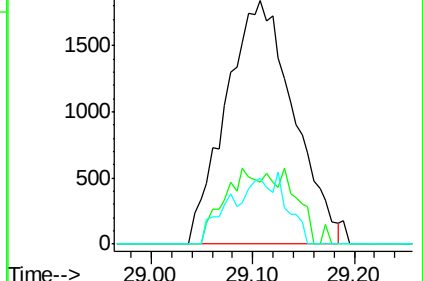
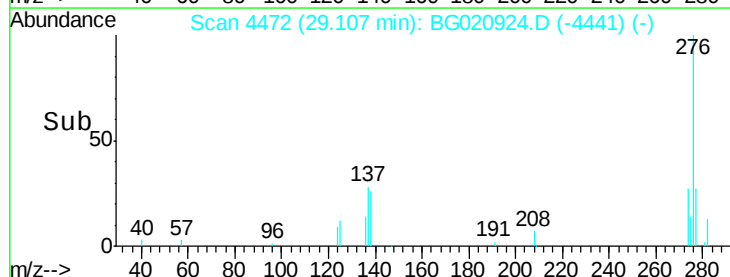
277 26.8 18.5 27.7

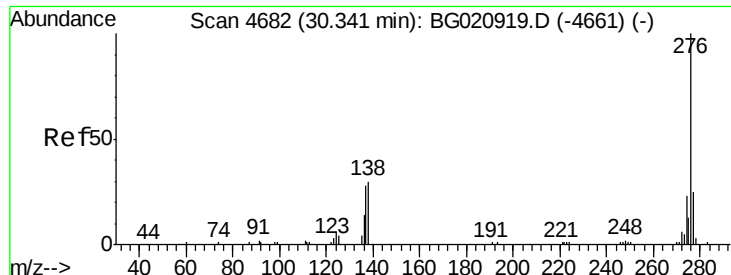


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.19 ng/ul

RT: 30.31 min Scan# 4676

Delta R.T. -0.04 min

Lab File: BG020924.D

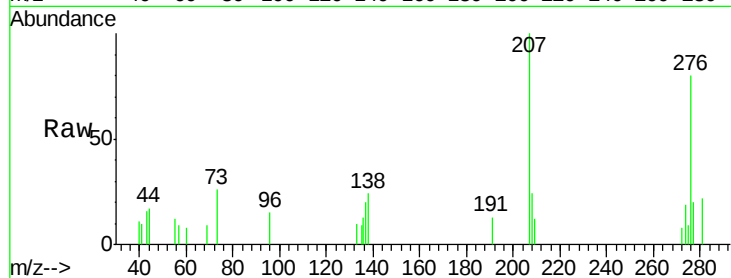
Acq: 17 Feb 2016 13:32

Instrument :

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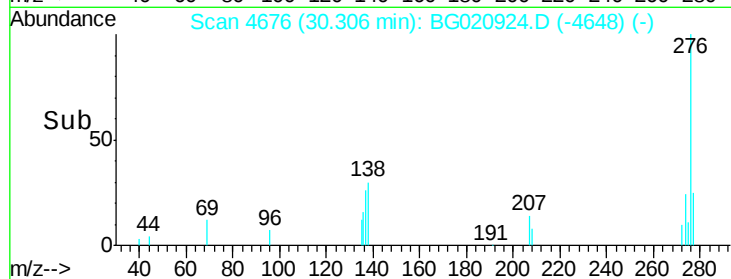
Tgt Ion: 276 Resp: 7648

Ion Ratio Lower Upper

276 100

138 30.5 24.4 36.6

277 24.8 18.7 28.1



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

