

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021893.D
 Acq On : 15 May 2016 14:55
 Operator : UM/SJ
 Sample : H3096-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG0

Manual Integrations
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Quant Time: May 16 02:30:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	42810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	227685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	144757	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	339631m	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	343674m	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	340110	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3577	4.03	ng/uL	0.00
5) Phenol-d5	7.31	99	66611	20.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	35278	22.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	65729	26.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	44808	16.79	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	35530	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	38869	41.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	70051	26.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	84706m	29.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	268926	26.45	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	358024	24.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	34475m	19.78	ng/ul	0.00
58) Fluorene-d10	15.78	176	254124	23.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	31001m	32.95	ng/ul	0.00
71) Anthracene-d10	17.63	188	390461m	23.62	ng/ul	0.00
77) Pyrene-d10	19.91	212	415505	25.83	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	390167	24.14	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.23	163	100446	9.70	ng/ul	97
70) Phenanthrene	17.58	178	187246m	10.08	ng/ul	
72) Anthracene	17.66	178	39712	2.11	ng/ul	97
73) Carbazole	17.94	167	23752	1.45	ng/ul	96
75) Fluoranthene	19.57	202	343587m	16.29	ng/ul	
78) Pyrene	19.94	202	274959m	13.83	ng/ul	
79) Butylbenzylphthalate	20.81	149	8399m	1.91	ng/ul	
81) Benzo(a)anthracene	21.79	228	171940m	8.99	ng/ul	
83) Chrysene	21.86	228	148743	7.86	ng/ul	97
86) Benzo(b)fluoranthene	24.09	252	207095	10.64	ng/ul#	95
87) Benzo(k)fluoranthene	24.14	252	77212m	3.70	ng/ul	
89) Benzo(a)pyrene	25.00	252	140359	7.24	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	28.95	276	99769	4.34	ng/ul#	94
92) Benzo(g,h,i)perylene	30.15	276	88622	4.68	ng/ul#	92

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

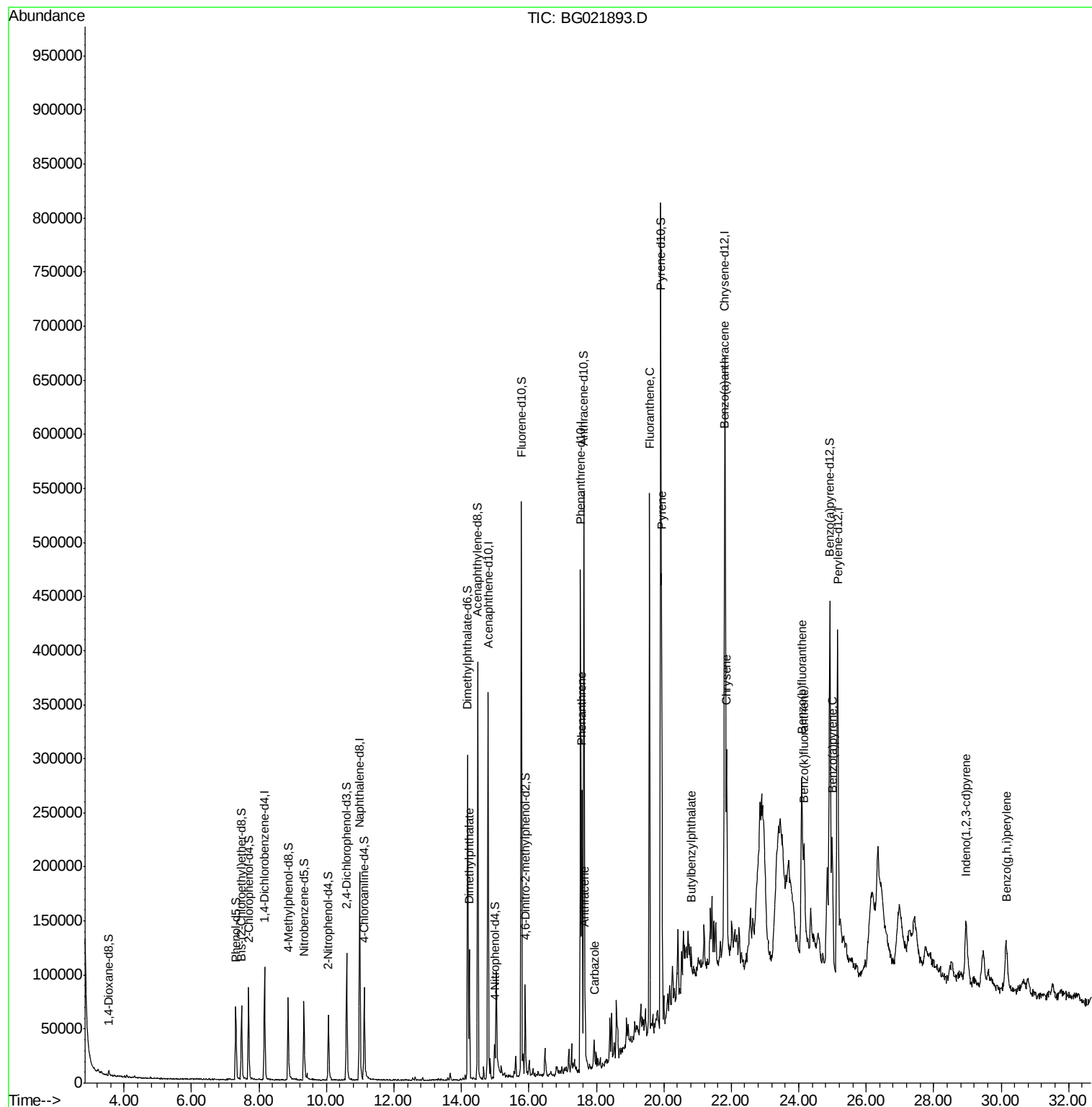
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021893.D
Acq On : 15 May 2016 14:55
Operator : UM/SJ
Sample : H3096-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

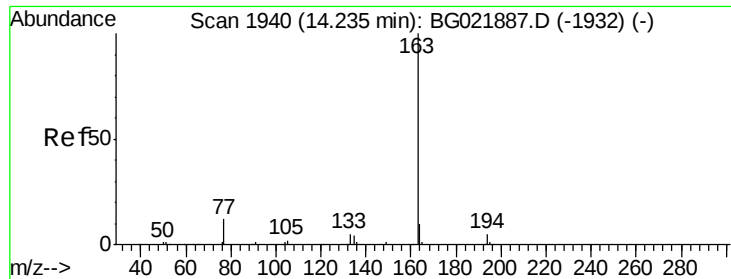
Instrument :
BNA_G
ClientSampleId :
D9XG0

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Quant Time: May 16 02:30:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





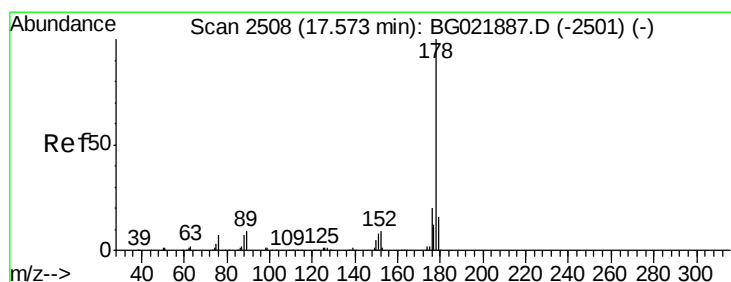
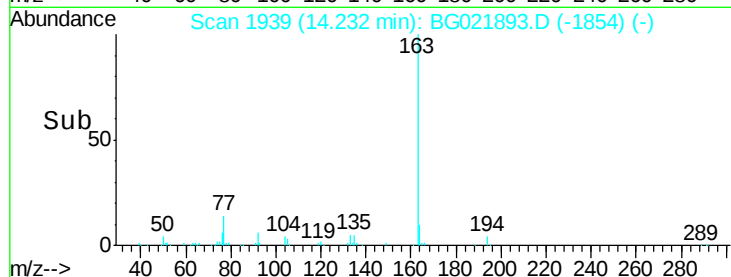
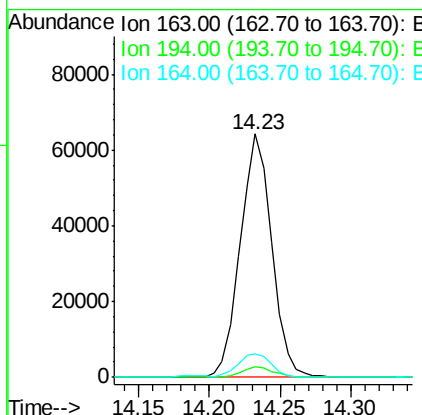
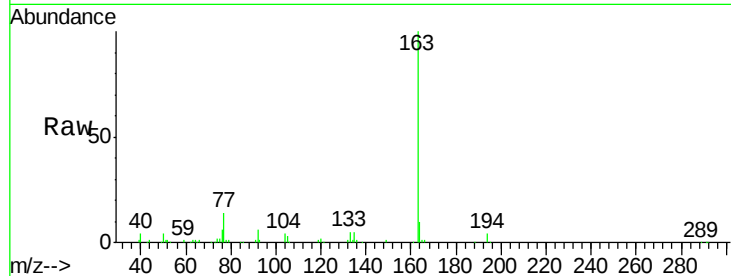
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Dimethylphthalate
Concen: 9.70 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021893.D
Acq: 15 May 2016 14:55

Instrument :
BNA_G
ClientSampleId :
D9XG0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	100446		
194	4.3		3.9	5.9
164	9.5		8.7	13.1

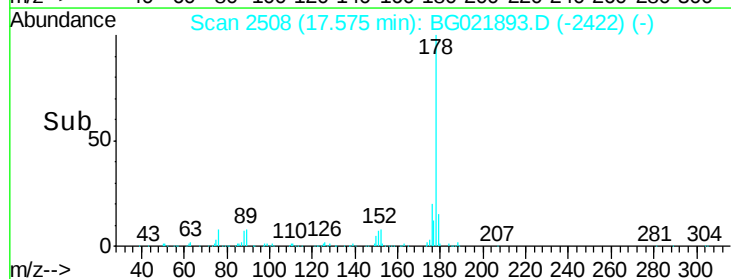
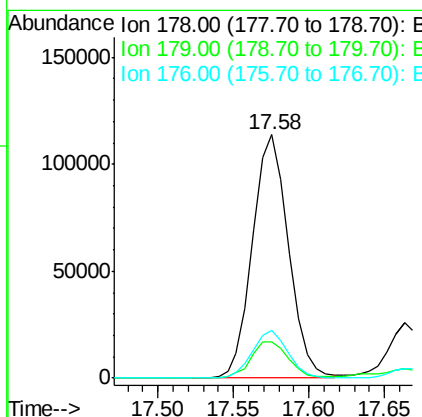
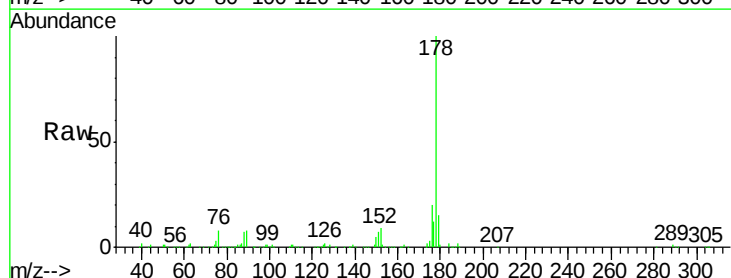
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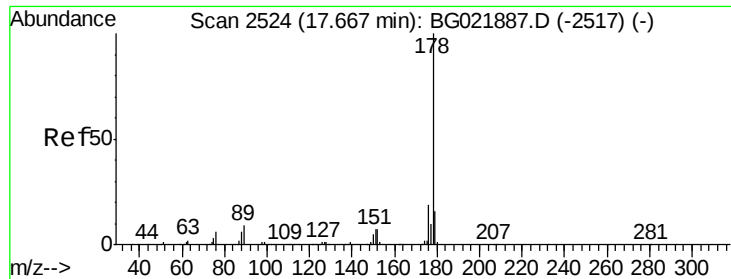
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#70
Phenanthrene
Concen: 10.08 ng/ul m
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021893.D
Acq: 15 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	187246		
179	15.1		11.8	17.8
176	19.9		14.8	22.2





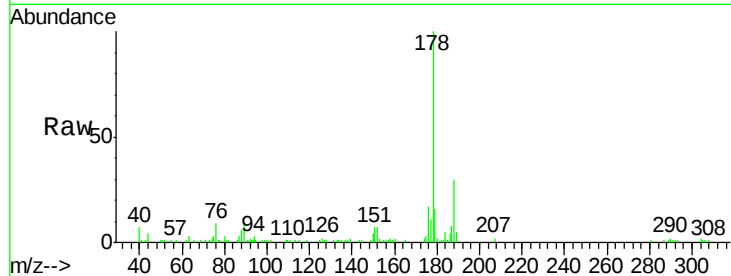
#72
 Anthracene
 Concen: 2.11 ng/ul
 RT: 17.66 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG021893.D
 Acq: 15 May 2016 14:55

Instrument :
 BNA_G
 ClientSampled :
 D9XG0

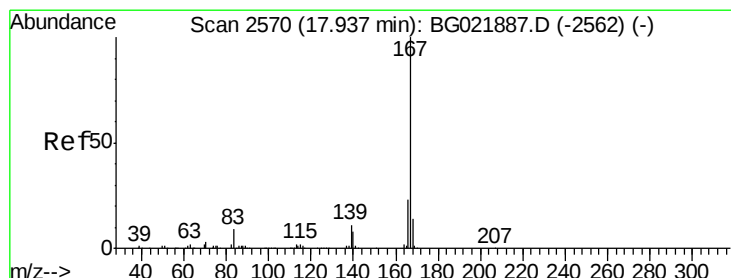
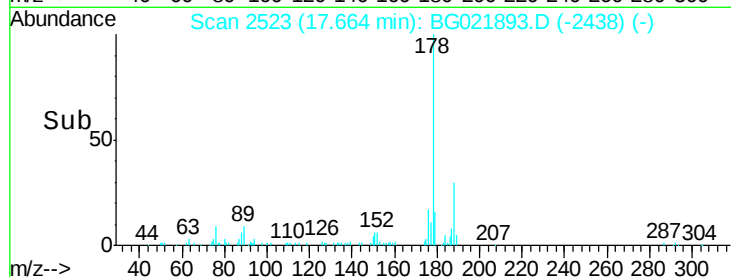
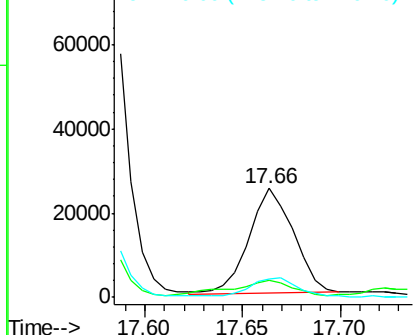
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	39712		
179	16.2	12.9	19.3	
176	17.2	15.6	23.4	

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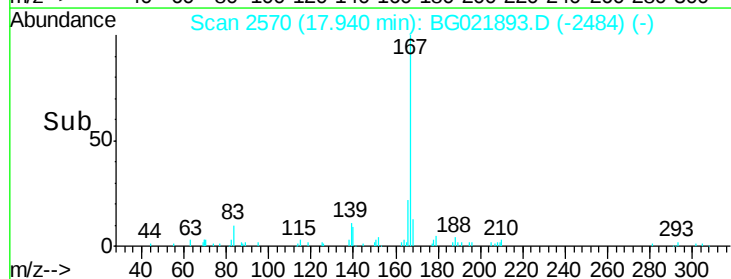
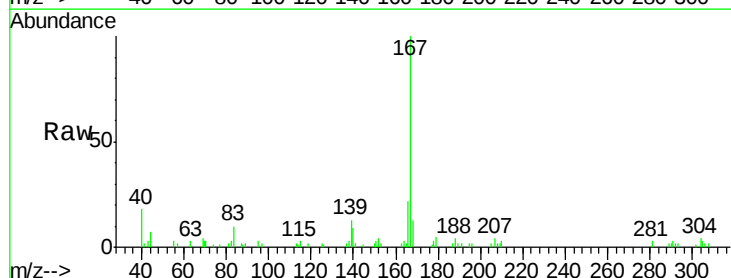
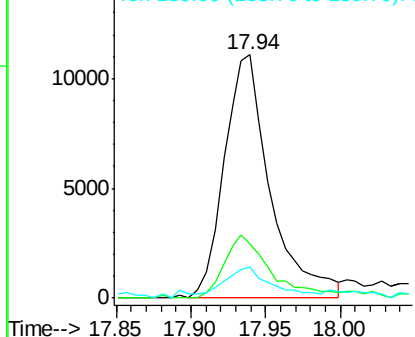
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

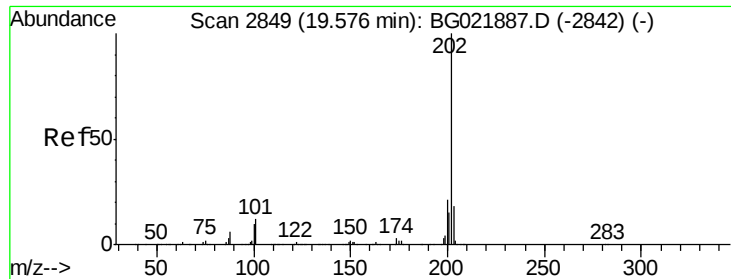


#73
 Carbazole
 Concen: 1.45 ng/ul
 RT: 17.94 min Scan# 2570
 Delta R.T. 0.00 min
 Lab File: BG021893.D
 Acq: 15 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	23752		
166	22.1	19.0	28.4	
139	12.9	12.2	18.4	

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 16.29 ng/ul m

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG021893.D

Acq: 15 May 2016 14:55

Instrument :

BNA_G

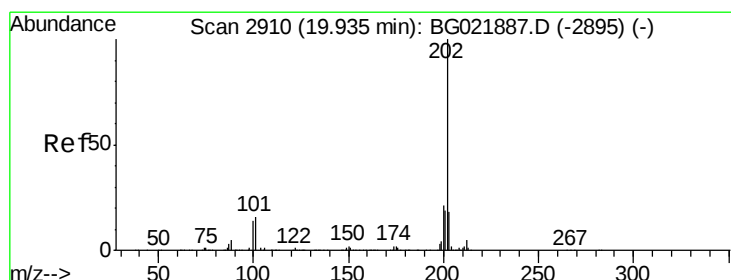
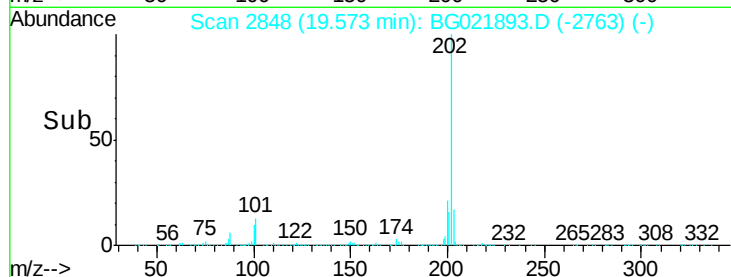
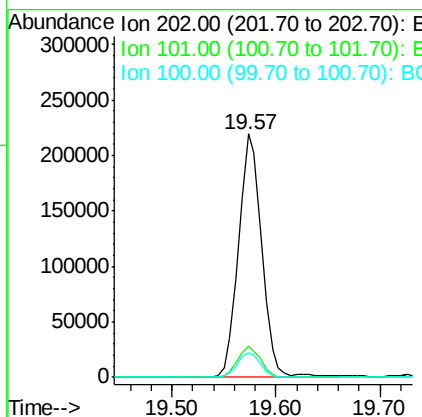
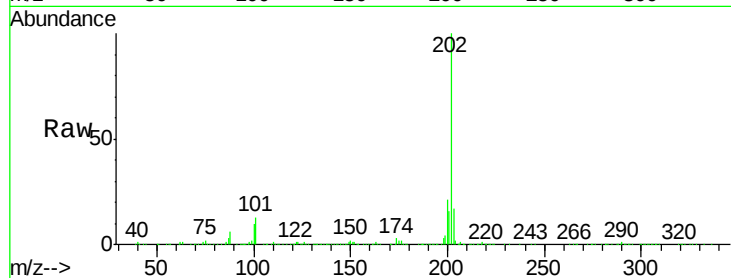
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		343587		
101	12.8	8.9	13.3		
100	10.2	7.0	10.4		

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#78

Pyrene

Concen: 13.83 ng/ul m

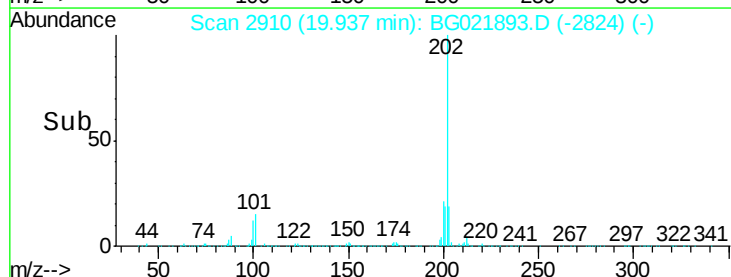
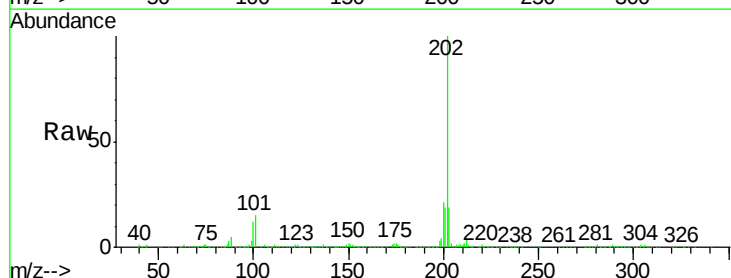
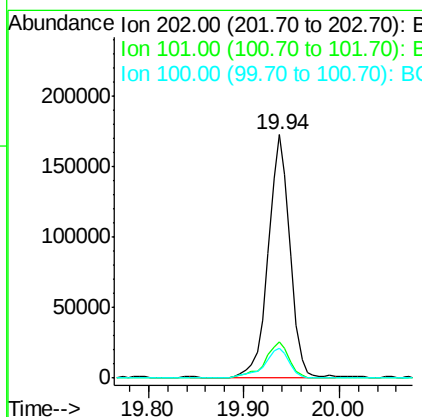
RT: 19.94 min Scan# 2910

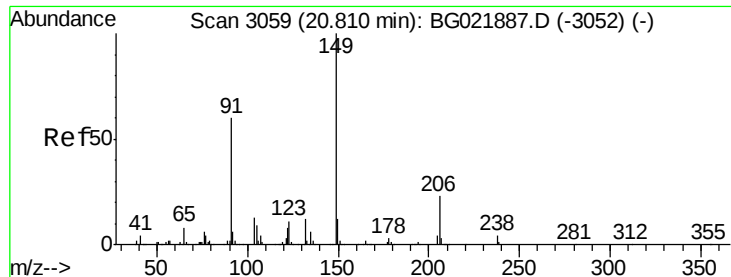
Delta R.T. 0.00 min

Lab File: BG021893.D

Acq: 15 May 2016 14:55

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		274959		
101	15.0	9.8	14.8#		
100	12.4	9.3	13.9		





#79

Butylbenzylphthalate

Concen: 1.91 ng/ul m

RT: 20.81 min Scan# 3058

Delta R.T. -0.00 min

Lab File: BG021893.D

Acq: 15 May 2016 14:55

Instrument :

BNA_G

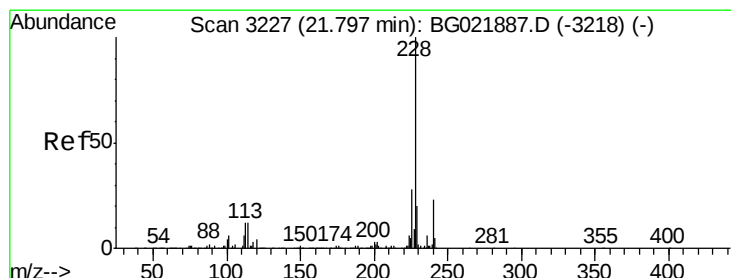
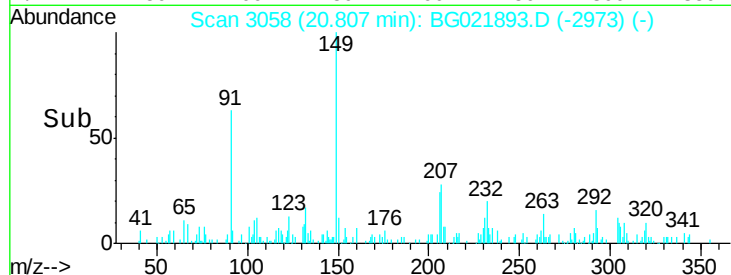
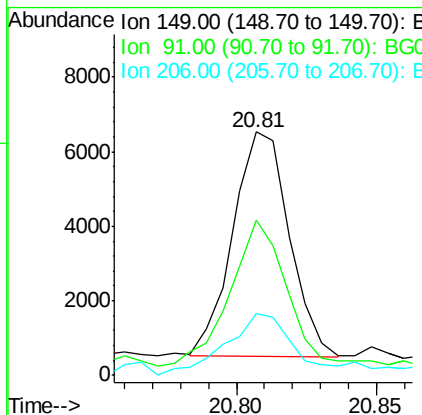
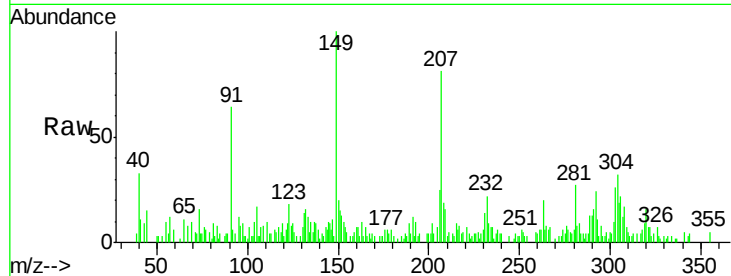
ClientSampleId :

D9XG0

Tgt Ion:	149	Resp:	8399
Ion Ratio	Lower	Upper	
149	100		
91	64.0	65.8	98.8#
206	25.2	15.5	23.3#

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#81

Benzo(a)anthracene

Concen: 8.99 ng/ul m

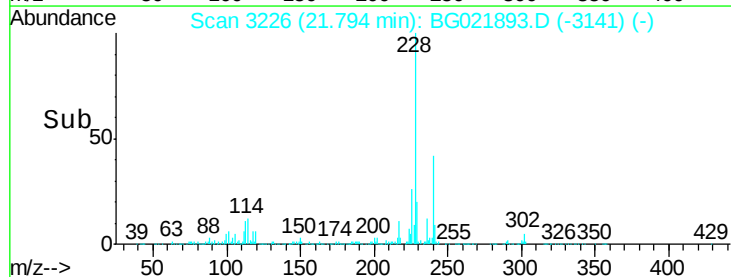
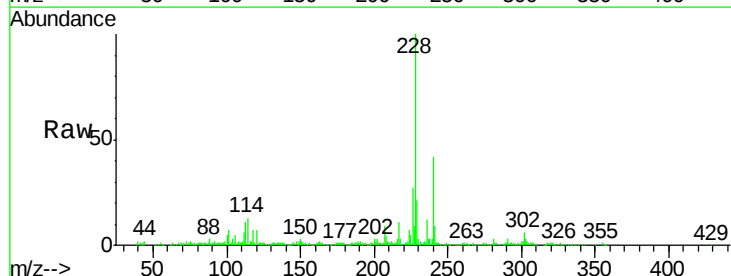
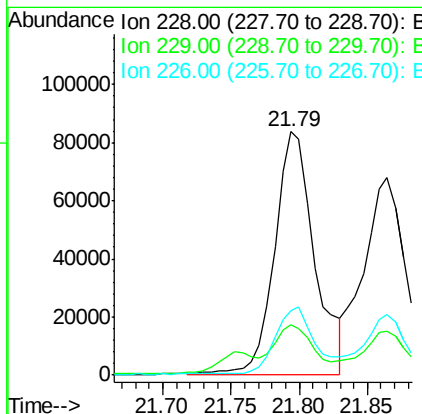
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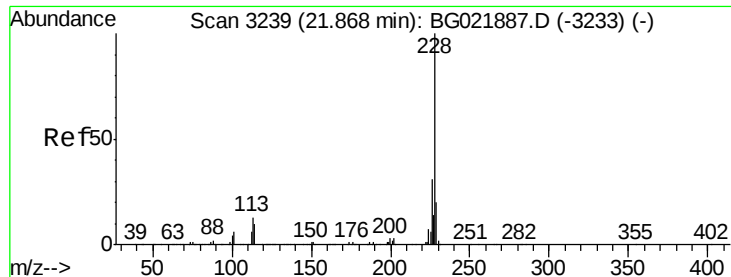
Delta R.T. -0.00 min

Lab File: BG021893.D

Acq: 15 May 2016 14:55

Tgt Ion:	228	Resp:	171940
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.6	25.0
226	26.5	21.0	31.4





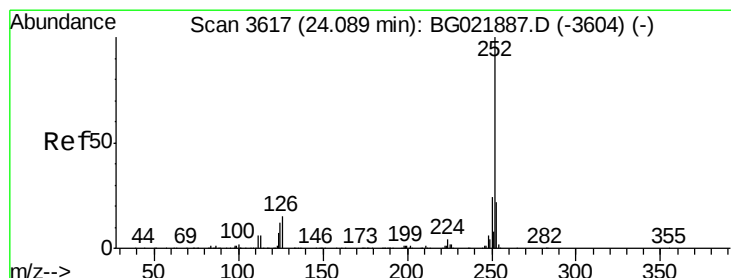
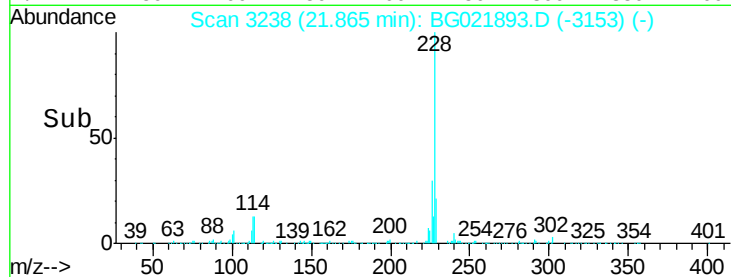
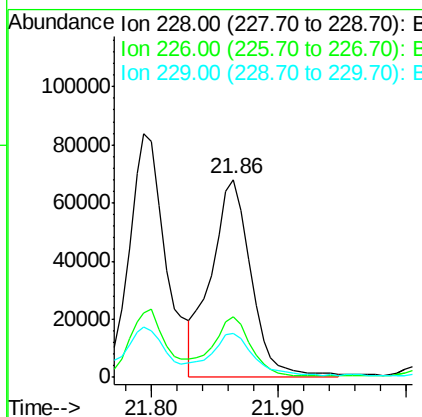
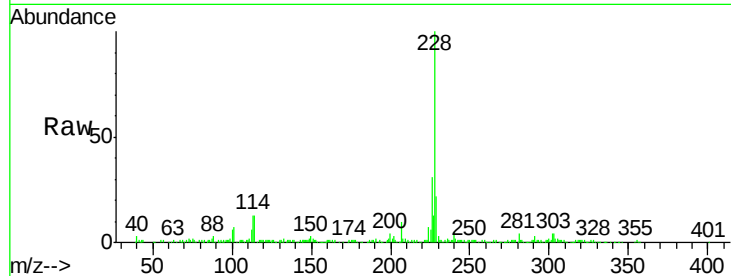
#83
Chrysene
Concen: 7.86 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG021893.D
Acq: 15 May 2016 14:55

Instrument :
BNA_G
ClientSampled :
D9XG0

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	23.4	35.2
229	21.9	16.2	24.2

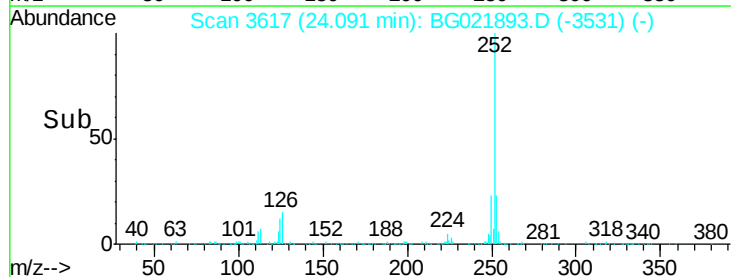
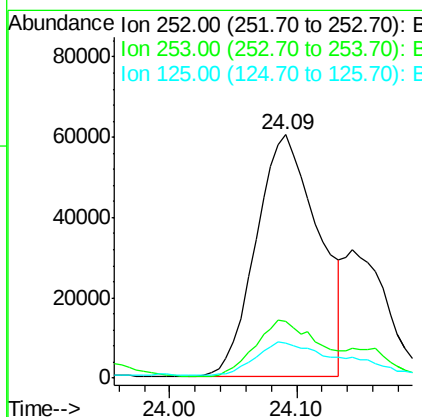
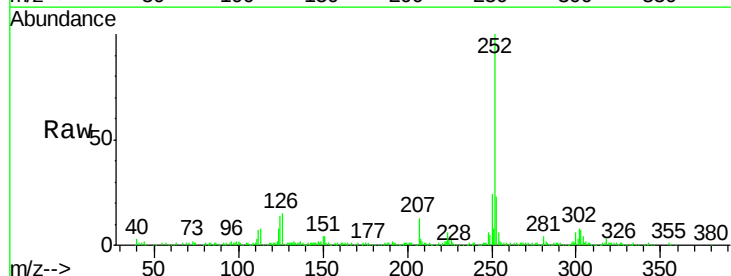
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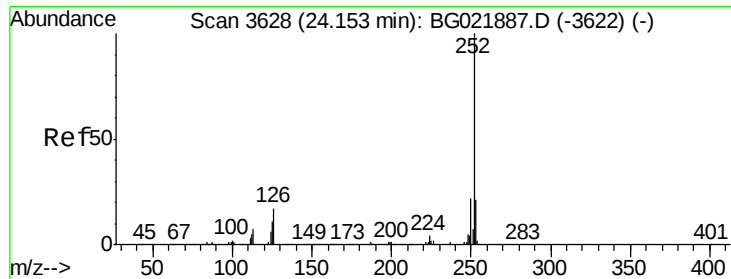
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#86
Benzo(b)fluoranthene
Concen: 10.64 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG021893.D
Acq: 15 May 2016 14:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	18.1	27.1
125	14.3	7.6	11.4





#87

Benzo(k)fluoranthene

Concen: 3.70 ng/ul m

RT: 24.14 min Scan# 3626

Delta R.T. -0.01 min

Lab File: BG021893.D

Acq: 15 May 2016 14:55

Instrument :

BNA_G

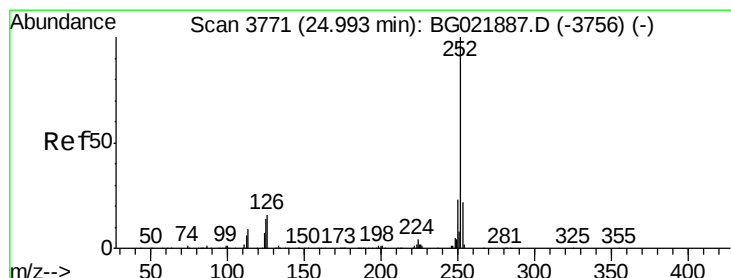
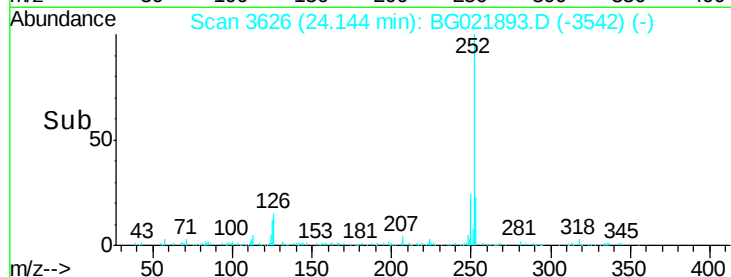
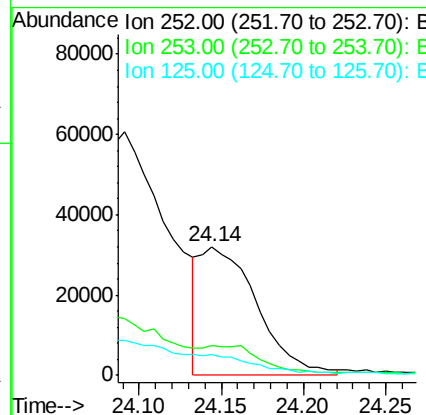
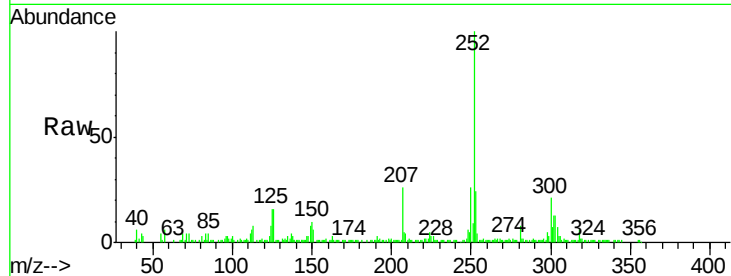
ClientSampleId :

D9XG0

Tgt	Ion	252	Resp:	77212
Ion	Ratio	Lower	Upper	
252	100			
253	23.7	17.8	26.8	
125	15.8	7.7	11.5#	

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#89

Benzo(a)pyrene

Concen: 7.24 ng/ul

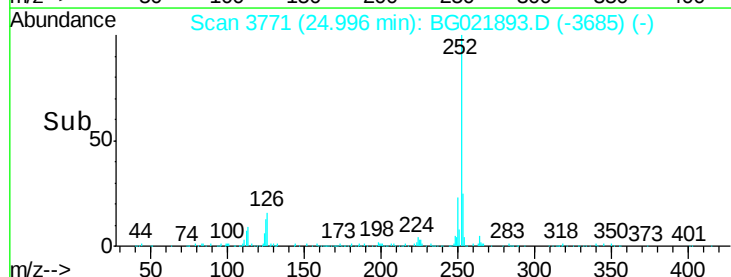
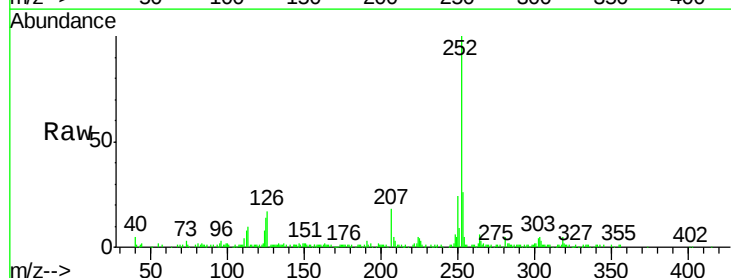
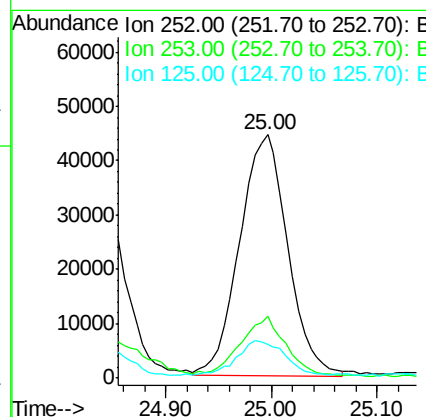
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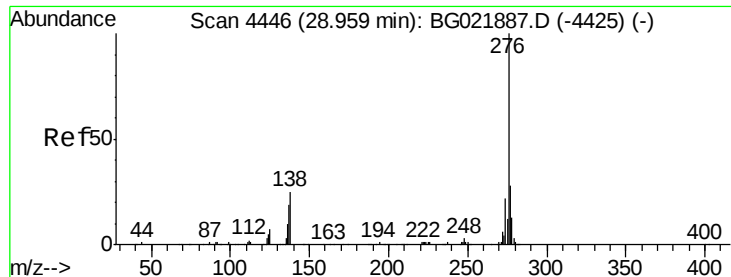
Delta R.T. 0.00 min

Lab File: BG021893.D

Acq: 15 May 2016 14:55

Tgt	Ion	252	Resp:	140359
Ion	Ratio	Lower	Upper	
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253	25.6	17.4	26.0	
125	13.7	8.2	12.2#	





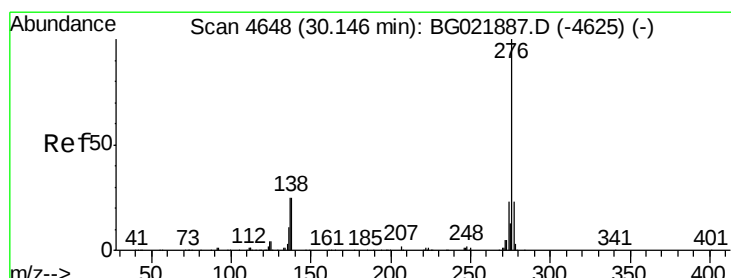
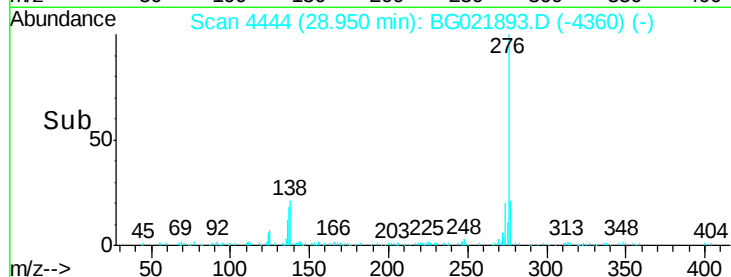
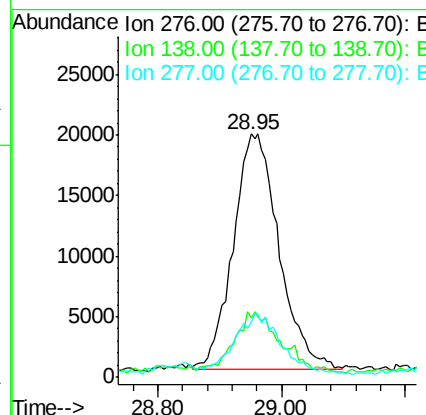
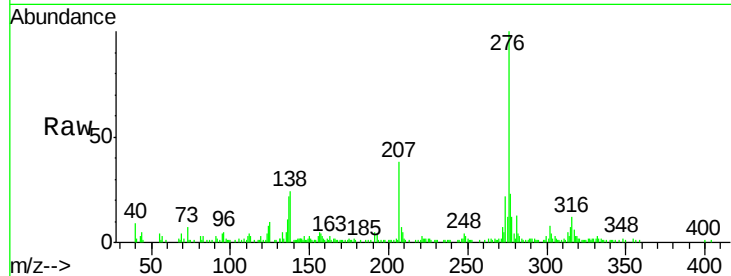
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 4.34 ng/ul
 RT: 28.95 min Scan# 4444
 Delta R.T. -0.01 min
 Lab File: BG021893.D
 Acq: 15 May 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 D9XG0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	15.8	23.6#
277	22.5	19.0	28.6

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:56 PM



#92
 Benzo(g,h,i)perylene
 Concen: 4.68 ng/ul
 RT: 30.15 min Scan# 4649
 Delta R.T. 0.01 min
 Lab File: BG021893.D
 Acq: 15 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	13.9	20.9#
277	23.2	19.8	29.6

