

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023663.D
 Acq On : 12 Aug 2016 19:41
 Operator : UM/SJ
 Sample : H4385-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-0002-01

Manual Integrations
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Quant Time: Aug 13 04:29:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 03:19:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	133140	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	596682	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	411337	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	969525	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	953155	20.00	ng/ul	-0.02
83) Perylene-d12	25.30	264	976252	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8672m	2.77	ng/uL	0.00
5) Phenol-d5	7.27	99	233554	17.41	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	157515	18.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.64	132	165495	18.09	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	155726	14.87	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	88667	18.85	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	108821	20.15	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	190477	18.69	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	209480m	17.52	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	661970	19.66	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	767932	20.26	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	100620	17.50	ng/ul	-0.01
57) Fluorene-d10	15.78	176	605536	19.46	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	101336	16.29	ng/ul	-0.02
70) Anthracene-d10	17.65	188	884876	20.26	ng/ul	-0.01
76) Pyrene-d10	19.95	212	919138	19.05	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.05	264	880841	19.93	ng/ul	-0.04

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	322662	9.68	ng/ul	99
69) Phenanthrene	17.60	178	184310	3.67	ng/ul	96
74) Fluoranthene	19.61	202	330551	6.43	ng/ul#	92
77) Pyrene	19.98	202	396205	6.72	ng/ul#	91
80) Benzo(a)anthracene	21.86	228	188186	3.51	ng/ul#	92
82) Chrysene	21.93	228	209770	4.30	ng/ul#	94
85) Benzo(b)fluoranthene	24.20	252	203976	3.67	ng/ul#	95
86) Benzo(k)fluoranthene	24.26	252	91579	1.68	ng/ul#	85
88) Benzo(a)pyrene	25.12	252	182234m	3.40	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	126841m	2.01	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	112504m	2.15	ng/ul	

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

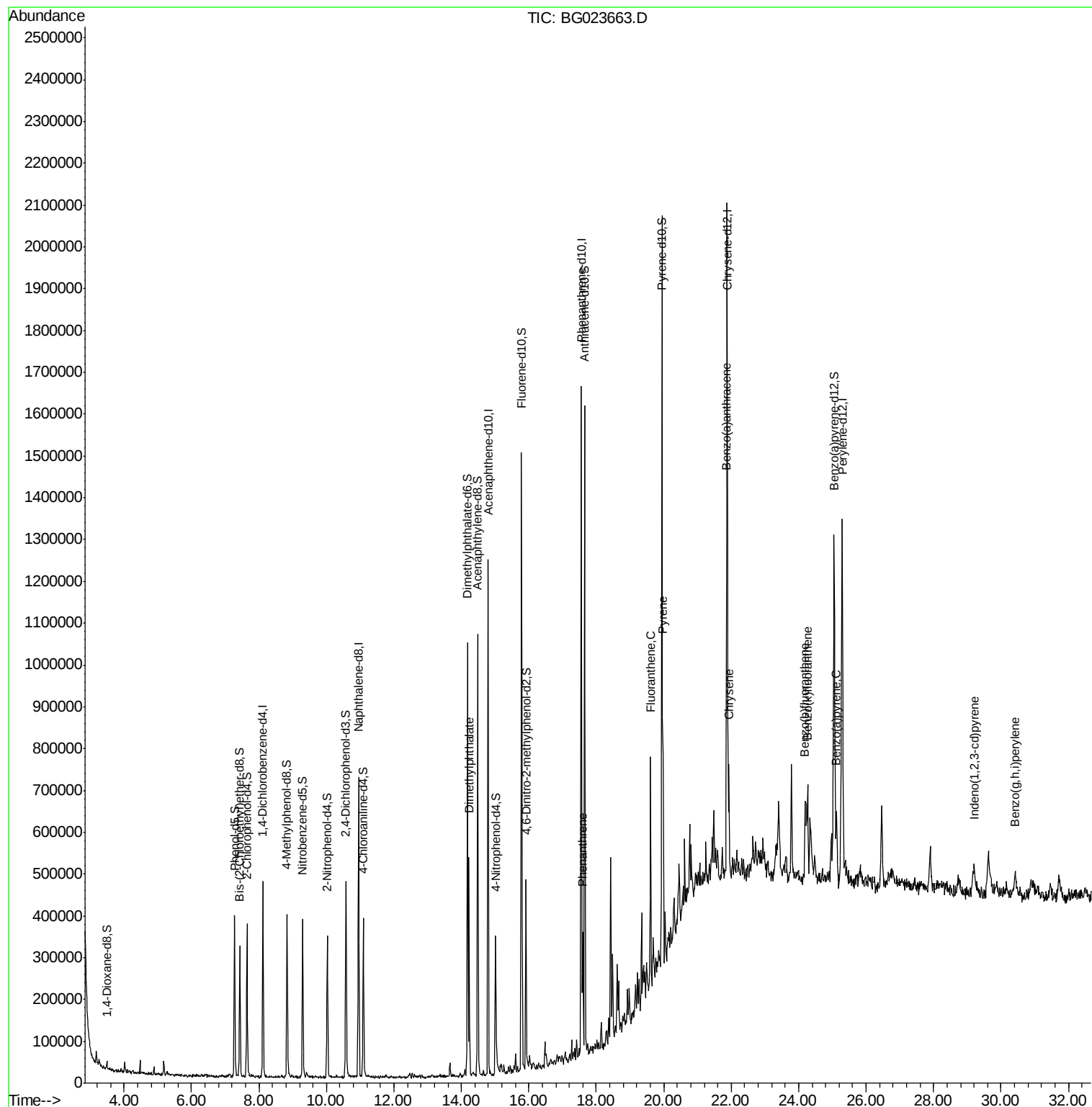
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
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Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

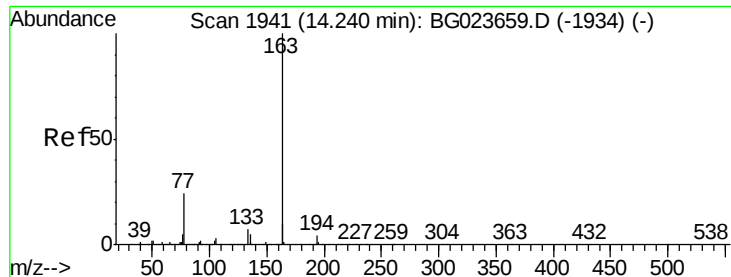
Instrument :
BNA_G
ClientSampleId :
P002-SS004-0002-01

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Quant Time: Aug 13 04:29:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.68 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Instrument :

BNA_G

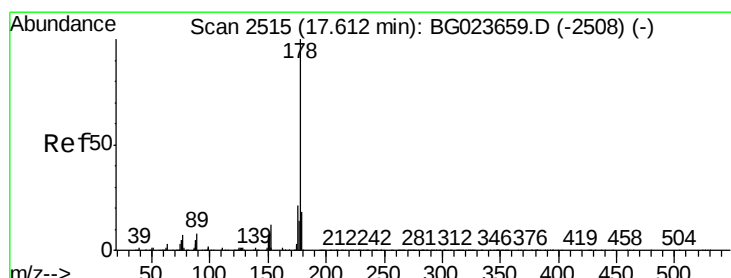
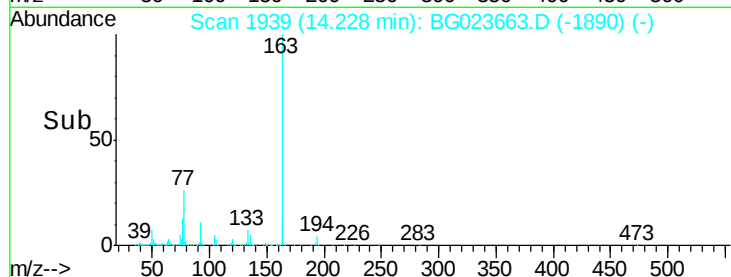
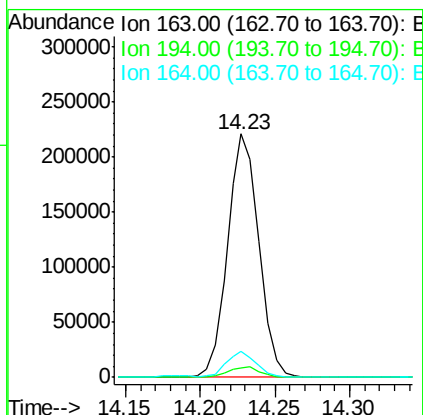
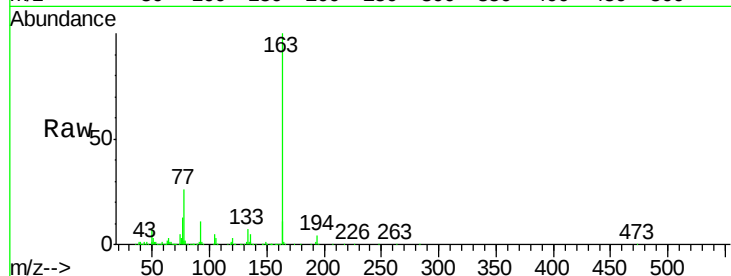
ClientSampleId :

P002-SS004-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	322662		
194	4.0	3.4	5.2	
164	10.8	8.8	13.2	

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#69

Phenanthrene

Concen: 3.67 ng/ul

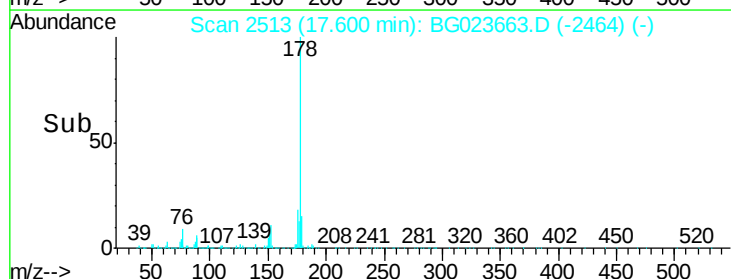
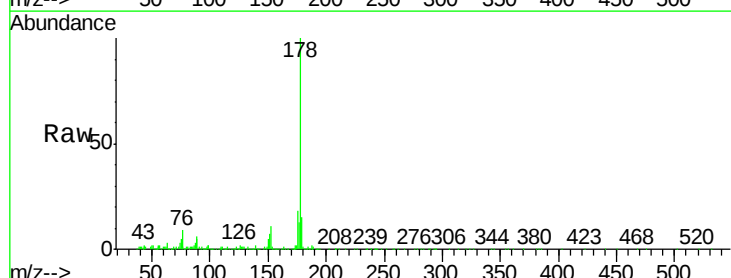
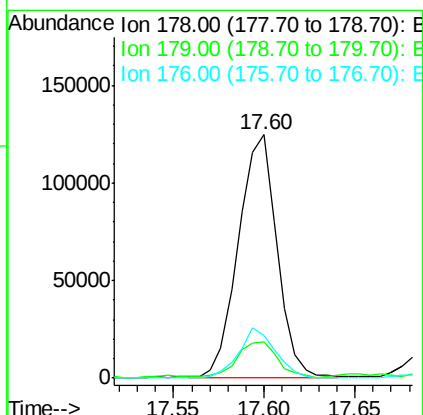
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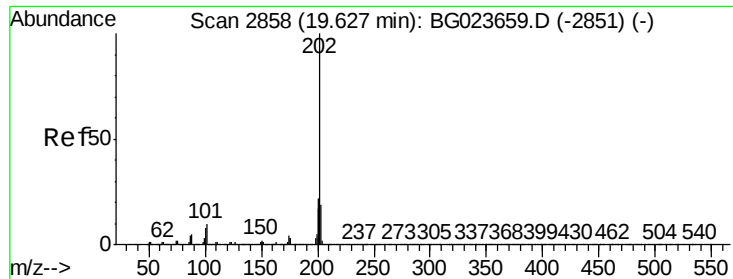
Delta R.T. -0.01 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	184310		
179	15.1	12.9	19.3	
176	17.6	15.8	23.8	





#74

Fluoranthene

Concen: 6.43 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Instrument :

BNA_G

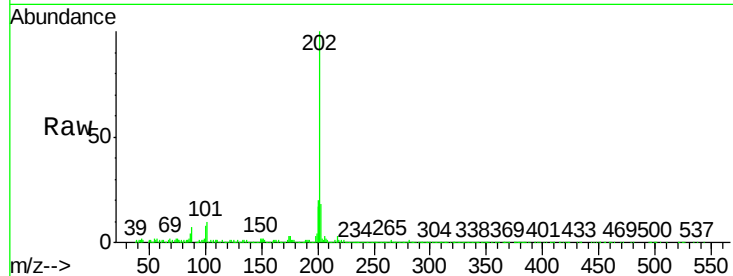
ClientSampleId :

P002-SS004-0002-01

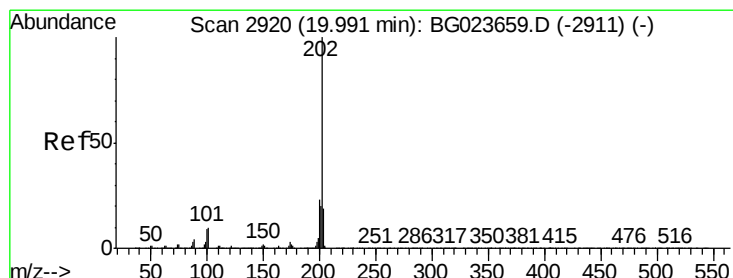
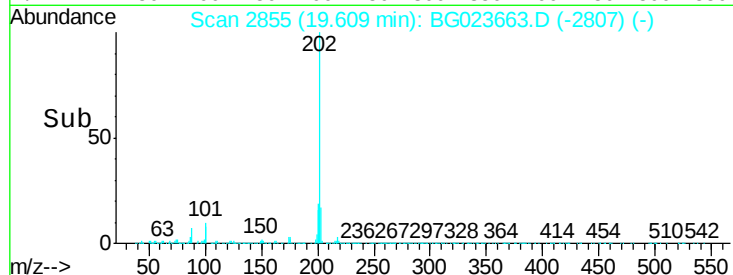
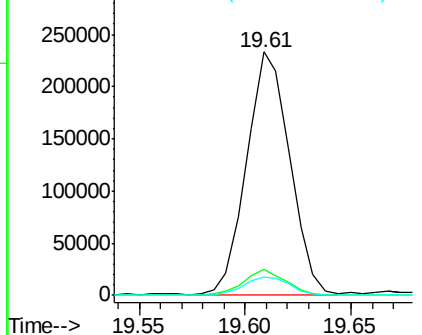
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		330551		
101	10.5	10.6	16.0#		
100	7.6	8.7	13.1#		

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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



#77

Pyrene

Concen: 6.72 ng/ul

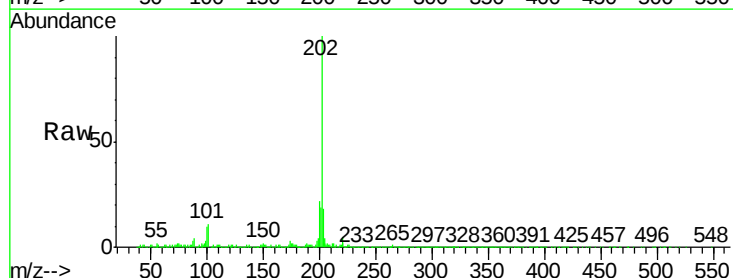
RT: 19.98 min Scan# 2918

Delta R.T. -0.01 min

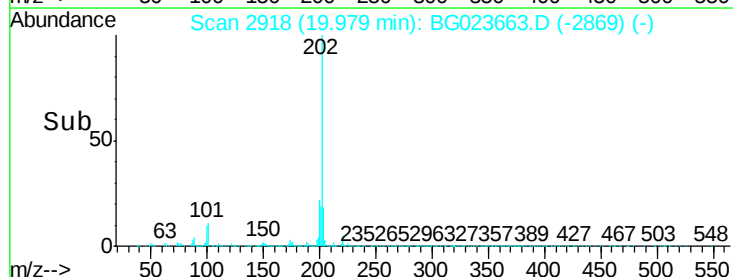
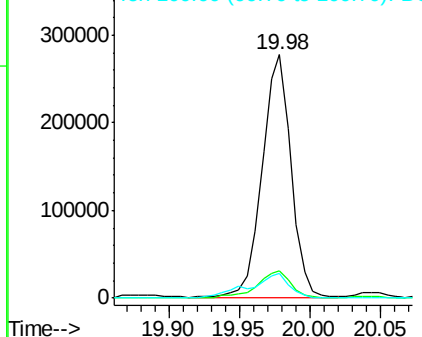
Lab File: BG023663.D

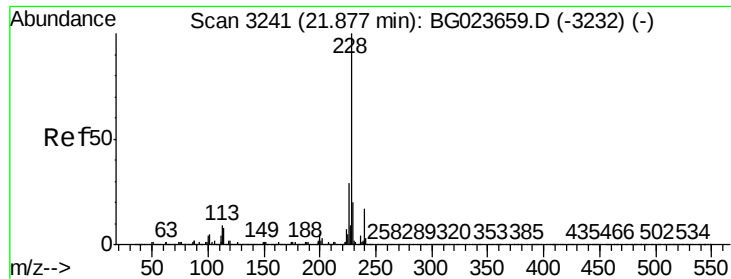
Acq: 12 Aug 2016 19:41

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		396205		
101	11.4	12.5	18.7#		
100	10.1	10.2	15.4#		



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

Benzo(a)anthracene

Concen: 3.51 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Instrument :

BNA_G

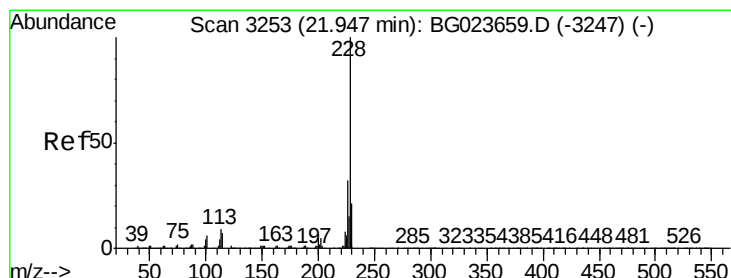
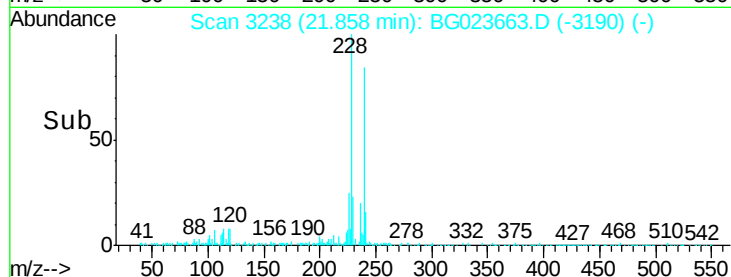
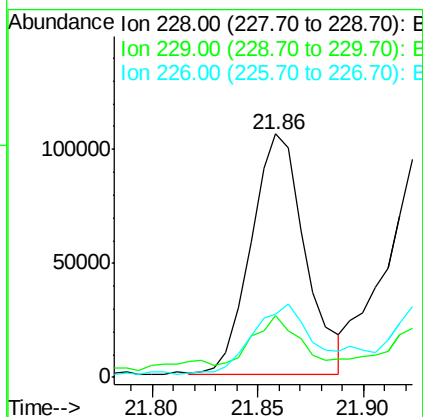
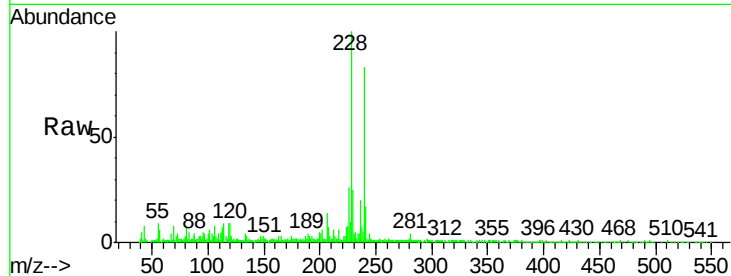
ClientSampleId :

P002-SS004-0002-01

Tgt Ion:	228	Resp:	188186
Ion Ratio	Lower	Upper	
228	100		
229	25.2	15.4	23.2#
226	25.8	22.8	34.2

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#82

Chrysene

Concen: 4.30 ng/ul

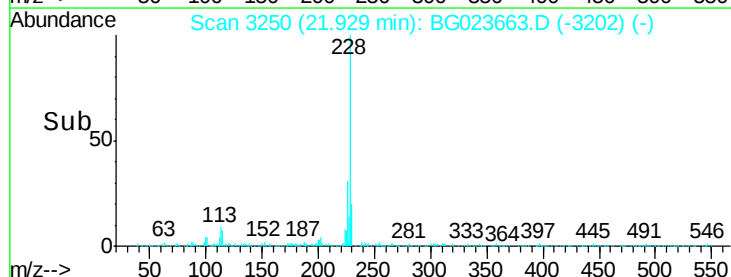
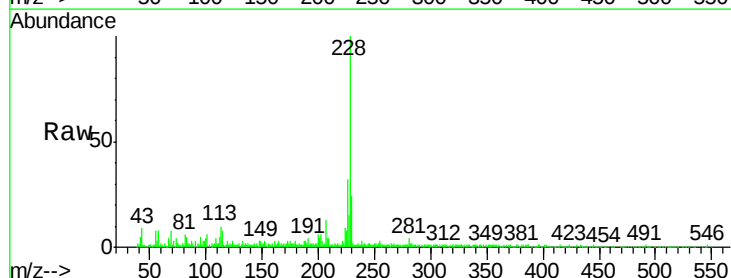
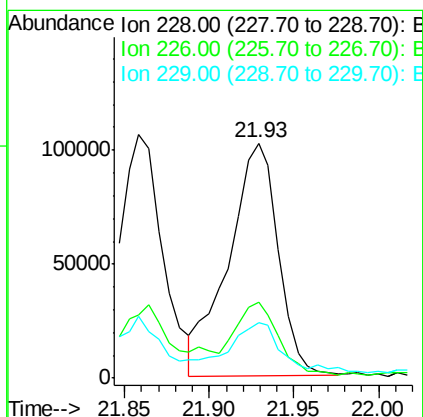
RT: 21.93 min Scan# 3250

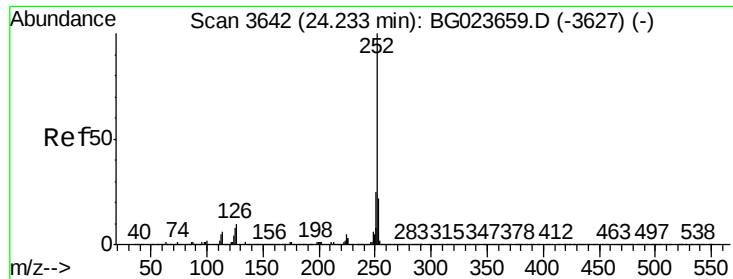
Delta R.T. -0.02 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Tgt Ion:	228	Resp:	209770
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.2	36.4
229	23.7	15.0	22.6#





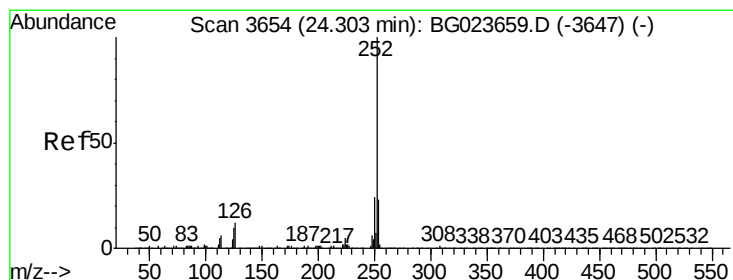
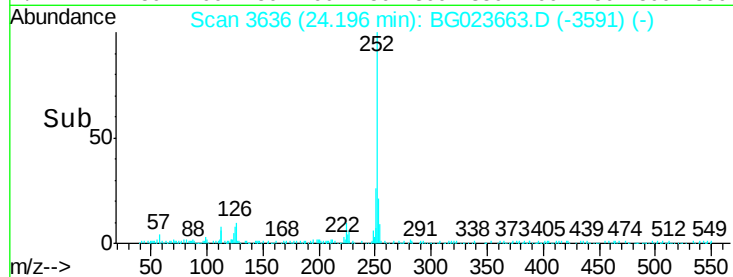
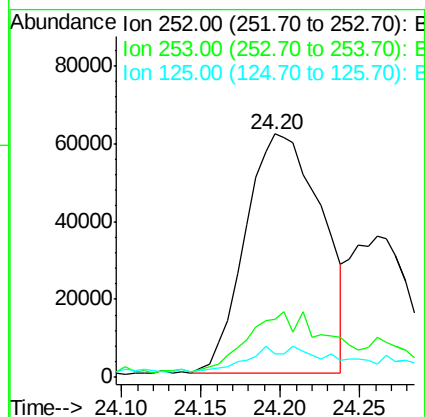
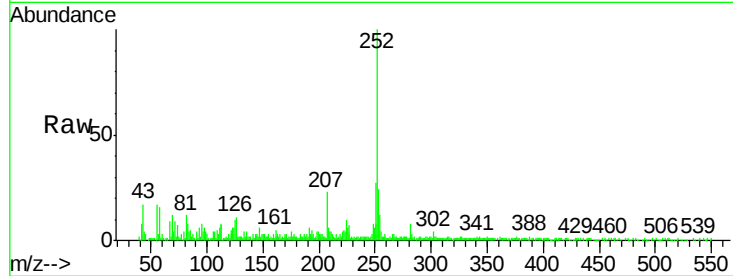
#85
Benzo(b)fluoranthene
Concen: 3.67 ng/ul
RT: 24.20 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BG023663.D
Acq: 12 Aug 2016 19:41

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0002-01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.6	10.8	16.2

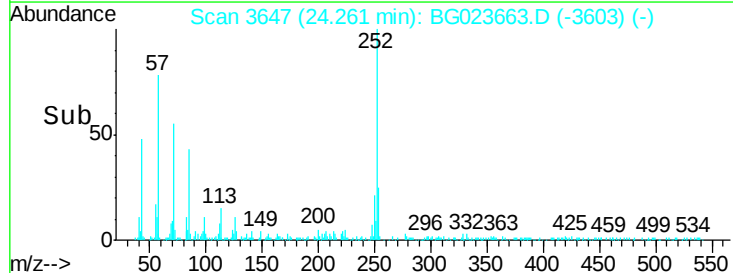
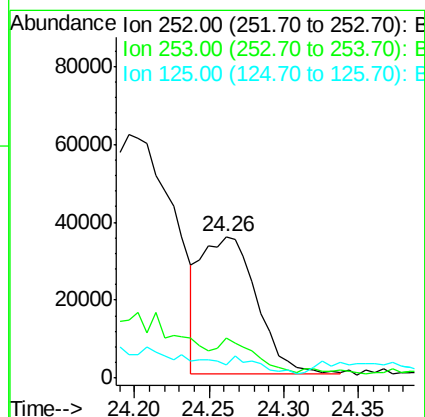
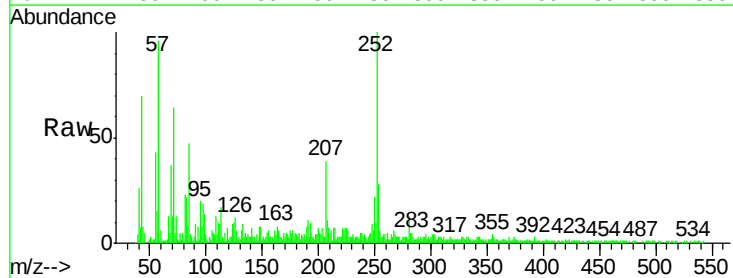
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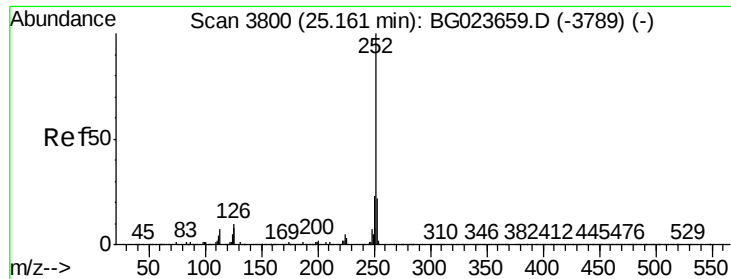
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#86
Benzo(k)fluoranthene
Concen: 1.68 ng/ul
RT: 24.26 min Scan# 3647
Delta R.T. -0.04 min
Lab File: BG023663.D
Acq: 12 Aug 2016 19:41

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.3	15.8	23.6
125	9.5	10.6	16.0





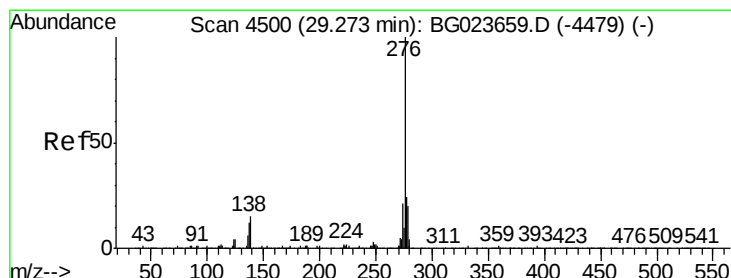
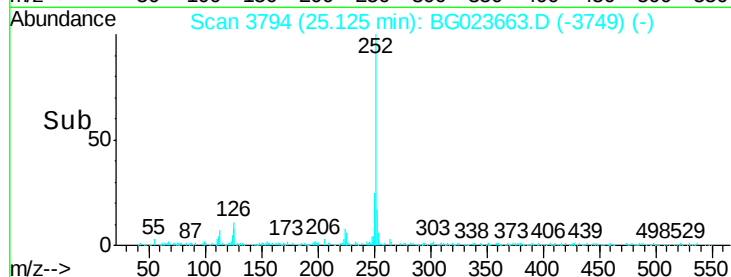
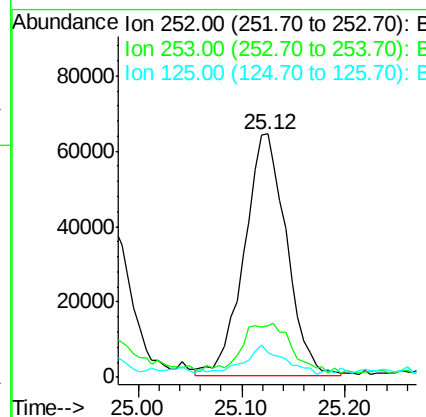
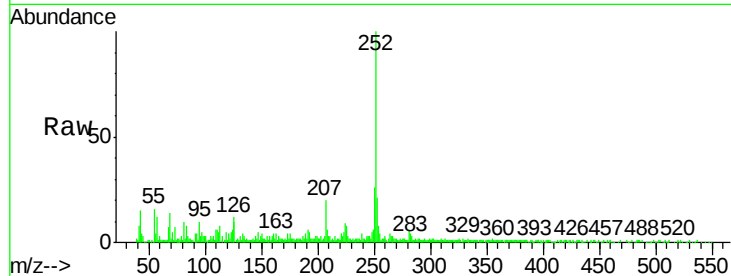
#88
Benzo(a)pyrene
Concen: 3.40 ng/ul m
RT: 25.12 min Scan# 3794
Delta R.T. -0.04 min
Lab File: BG023663.D
Acq: 12 Aug 2016 19:41

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0002-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.0	19.0	28.4
125	10.3	12.0	18.0#

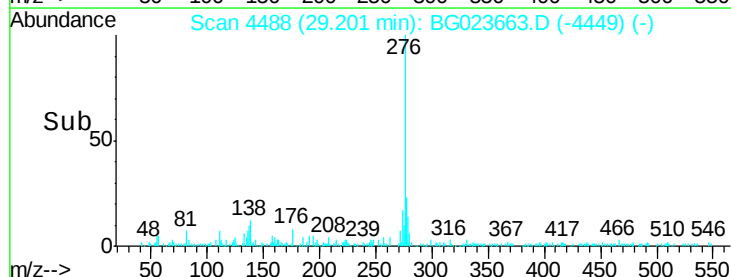
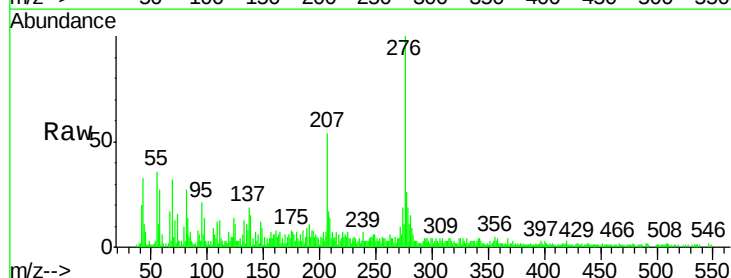
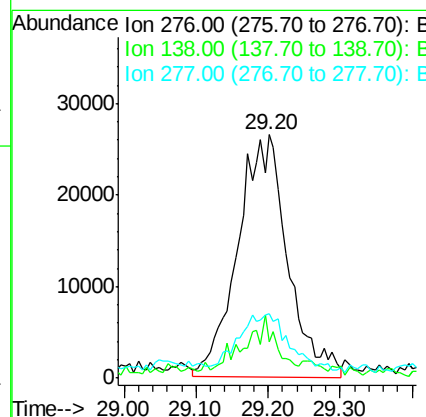
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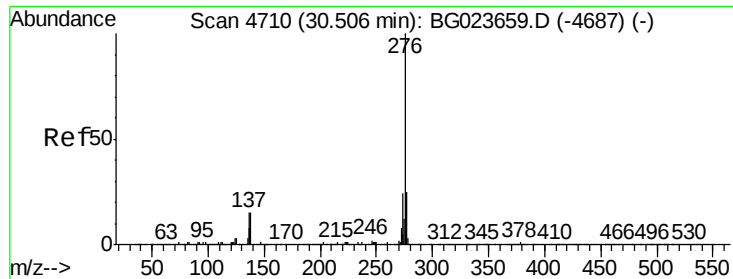
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.01 ng/ul m
RT: 29.20 min Scan# 4488
Delta R.T. -0.07 min
Lab File: BG023663.D
Acq: 12 Aug 2016 19:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.7	20.8	31.2#
277	26.5	17.6	26.4#





#91

Benzo(g,h,i)perylene

Concen: 2.15 ng/ul m

RT: 30.41 min Scan# 4694

Delta R.T. -0.09 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Instrument :

BNA_G

ClientSampleId :

P002-SS004-0002-01

Tgt Ion:	276	Resp:	112504
Ion Ratio	Lower	Upper	
276	100		
138	16.0	22.1	33.1#
277	25.2	17.0	25.4

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