

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023670.D
 Acq On : 13 Aug 2016 00:06
 Operator : UM/SJ
 Sample : H4385-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0002-01

Manual Integrations
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Quant Time: Aug 13 05:07:51 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	119294	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	533765	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	352034	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	782789m	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	783836m	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	786711	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	13591	4.84	ng/uL	0.00
5) Phenol-d5	7.27	99	349249	29.06	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	233220	30.29	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	254917	31.09	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	268141	28.58	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	132984	31.61	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	163811	33.90	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	288204	31.62	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	298079	27.87	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	937729	32.53	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	1116461	34.42	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	132495	26.93	ng/ul	-0.01
57) Fluorene-d10	15.78	176	851934	31.99	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	139793m	27.84	ng/ul	-0.02
70) Anthracene-d10	17.65	188	1247745	35.38	ng/ul	-0.01
76) Pyrene-d10	19.95	212	1317993	33.22	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.05	264	1345841	37.79	ng/ul	-0.04

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	487851	17.09	ng/ul	98
47) Acenaphthylene	14.52	152	122739	3.62	ng/ul	99
58) Fluorene	15.84	166	34431	1.21	ng/ul	98
69) Phenanthrene	17.59	178	653232	16.11	ng/ul	99
71) Anthracene	17.69	178	107535m	2.60	ng/ul	
74) Fluoranthene	19.61	202	1197357m	28.85	ng/ul	
77) Pyrene	19.98	202	1469562	30.33	ng/ul	94
80) Benzo(a)anthracene	21.86	228	787814m	17.85	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.73	149	34354m	1.39	ng/ul	
82) Chrysene	21.93	228	857027m	21.35	ng/ul	
85) Benzo(b)fluoranthene	24.20	252	849390	18.98	ng/ul#	94
86) Benzo(k)fluoranthene	24.27	252	346249m	7.86	ng/ul	
88) Benzo(a)pyrene	25.13	252	731943m	16.94	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	453245	8.93	ng/ul#	85
91) Benzo(g,h,i)perylene	30.42	276	462156	10.98	ng/ul#	81

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

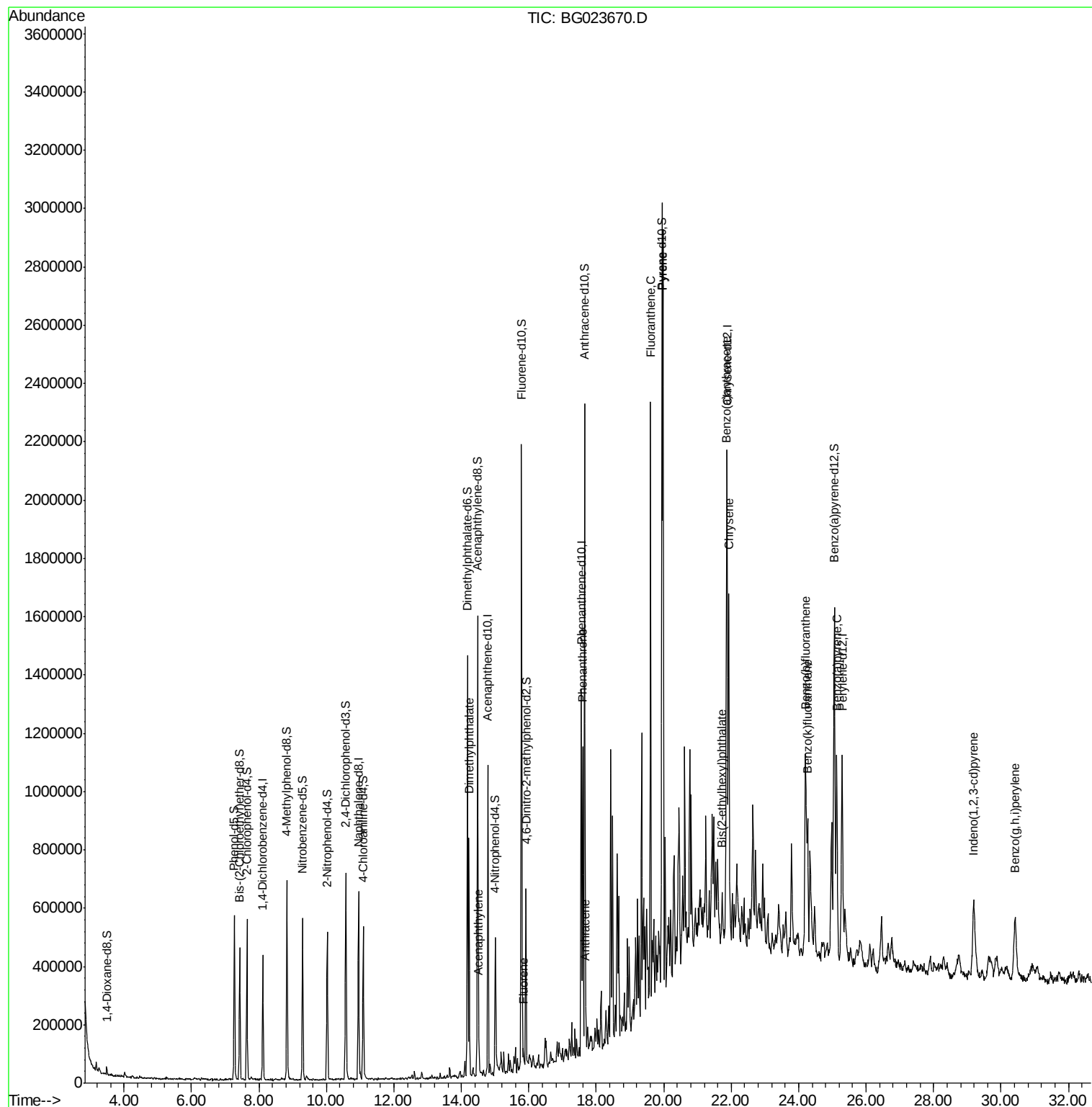
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023670.D
Acq On : 13 Aug 2016 00:06
Operator : UM/SJ
Sample : H4385-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

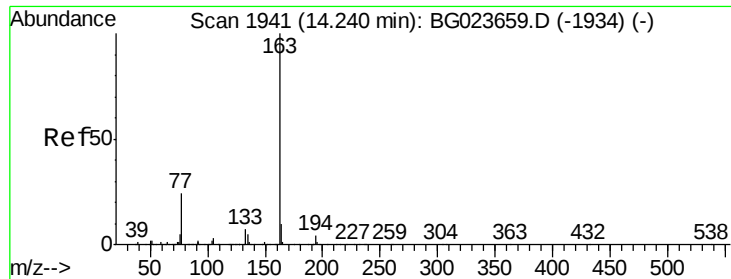
Instrument :
BNA_G
ClientSampleId :
P002-SS003-0002-01

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Quant Time: Aug 13 05:07:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





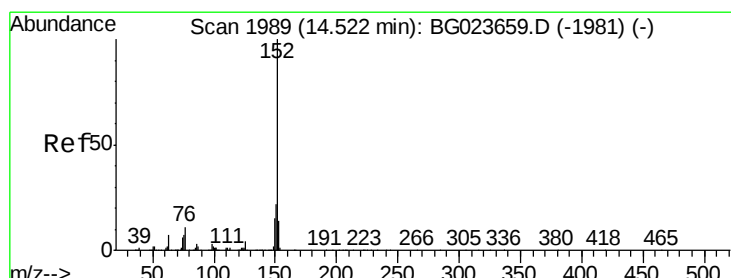
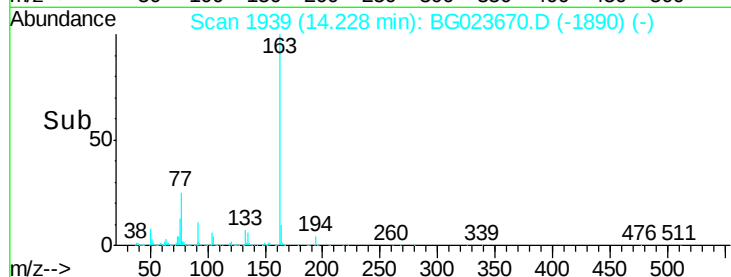
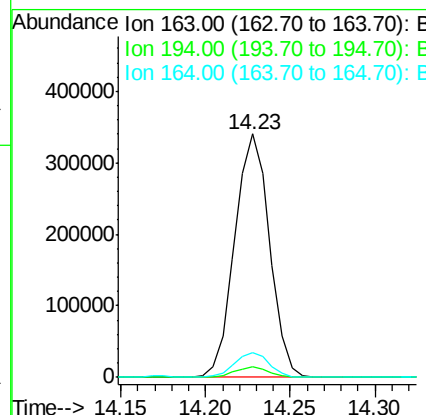
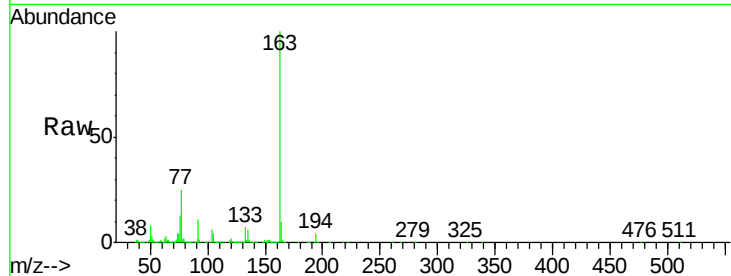
#44
Dimethylphthalate
Concen: 17.09 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023670.D
Acq: 13 Aug 2016 00:06

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	487851		
194	4.2		3.4	5.2
164	10.2		8.8	13.2

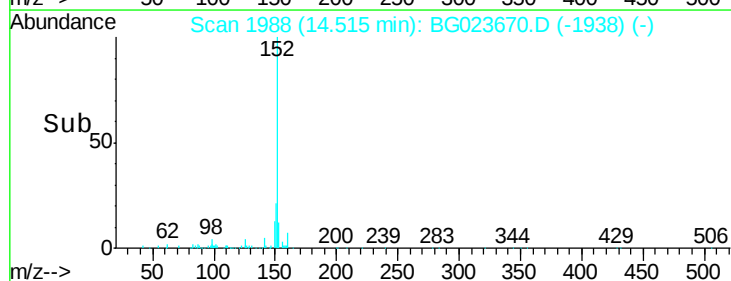
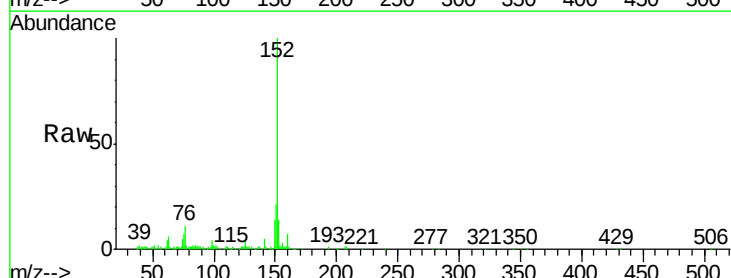
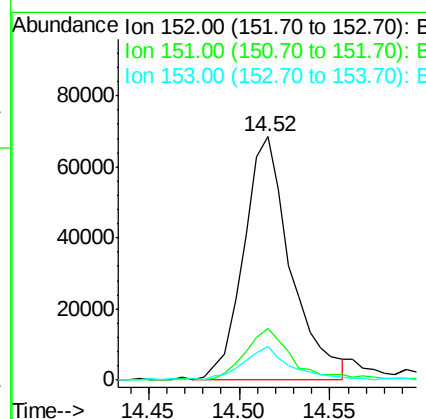
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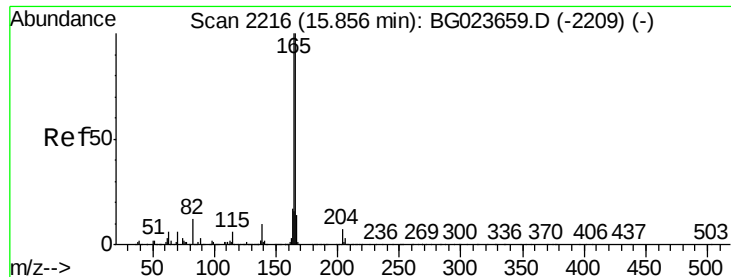
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#47
Acenaphthylene
Concen: 3.62 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG023670.D
Acq: 13 Aug 2016 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	122739		
151	21.3		17.5	26.3
153	13.7		11.1	16.7





#58

Fluorene

Concen: 1.21 ng/ul

RT: 15.84 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Instrument :

BNA_G

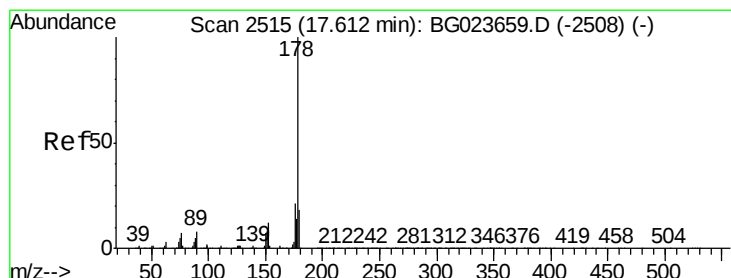
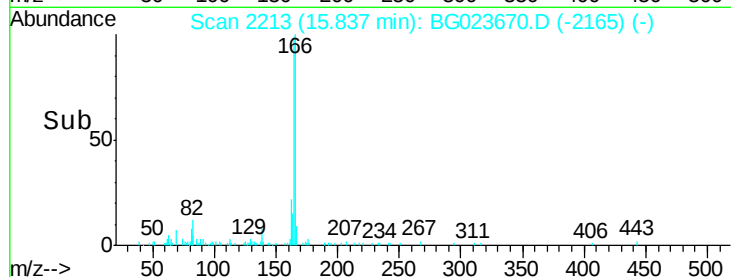
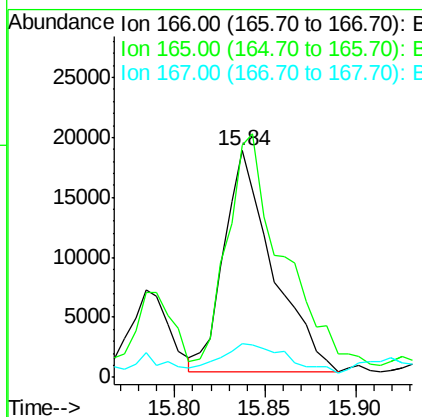
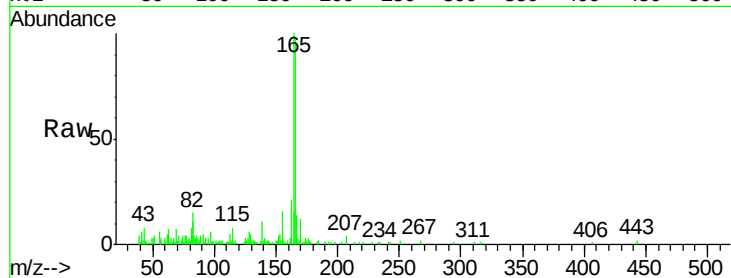
ClientSampleId :

P002-SS003-0002-01

Tgt Ion:	166	Resp:	34431
Ion Ratio	Lower	Upper	
166	100		
165	102.5	80.3	120.5
167	14.8	10.3	15.5

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#69

Phenanthrene

Concen: 16.11 ng/ul

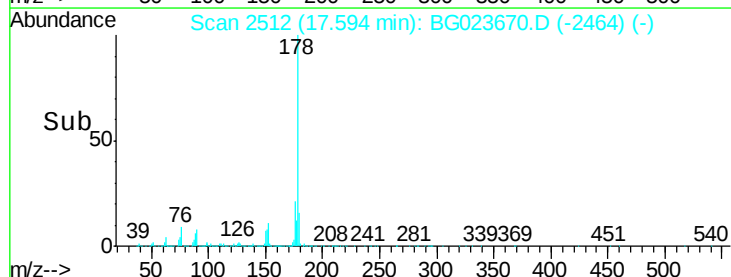
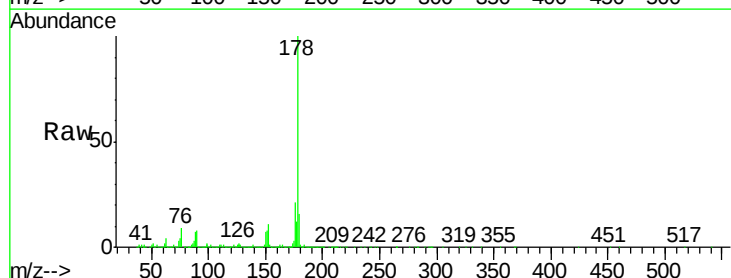
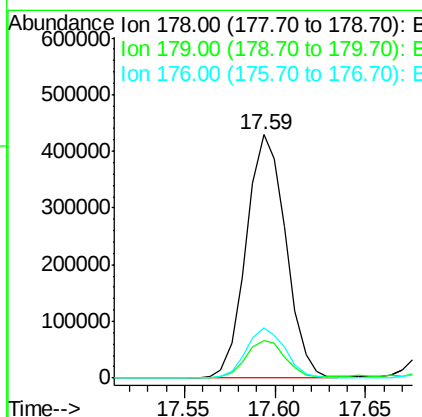
RT: 17.59 min Scan# 2512

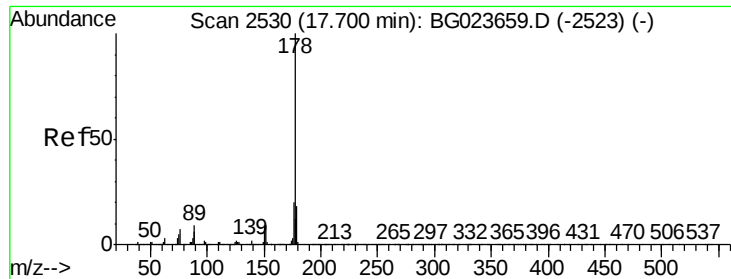
Delta R.T. -0.02 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Tgt Ion:	178	Resp:	653232
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.9	19.3
176	20.6	15.8	23.8





#71

Anthracene

Concen: 2.60 ng/ul m

RT: 17.69 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Instrument :

BNA_G

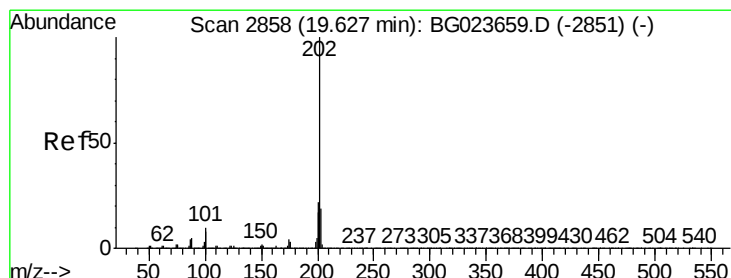
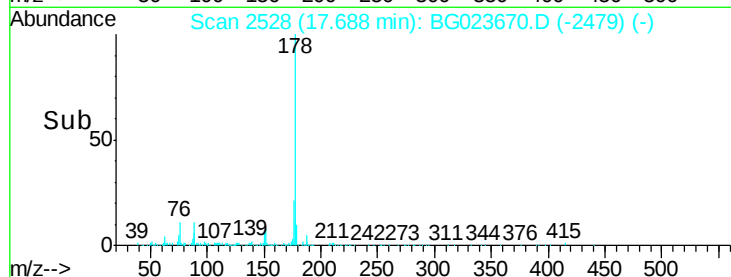
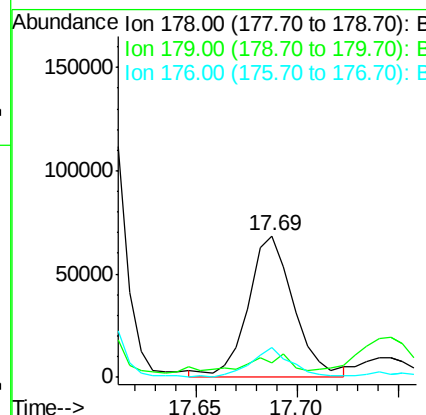
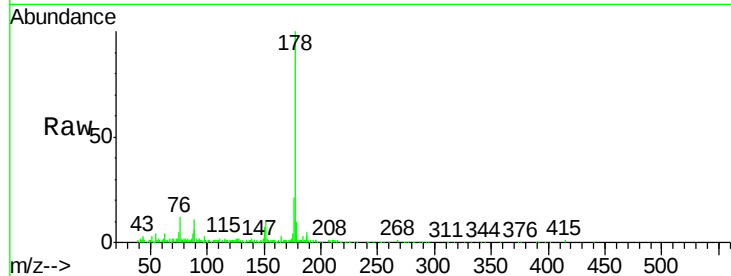
ClientSampleId :

P002-SS003-0002-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	10.5	12.3	18.5#
176	21.4	16.3	24.5

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#74

Fluoranthene

Concen: 28.85 ng/ul m

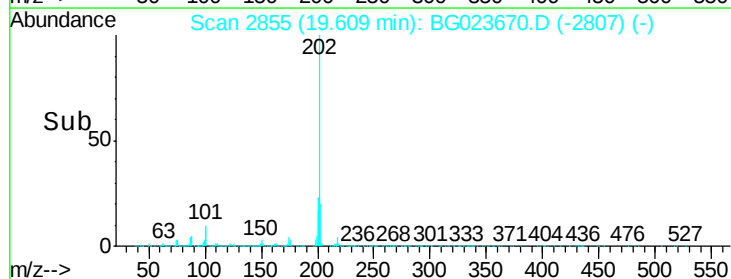
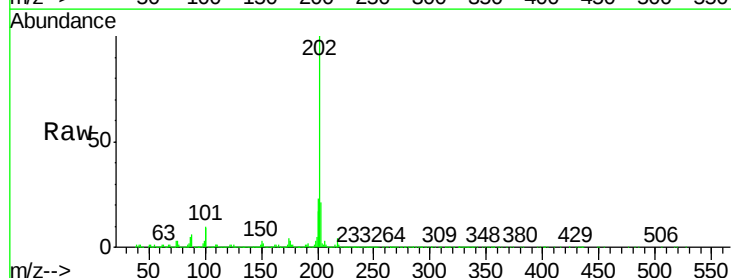
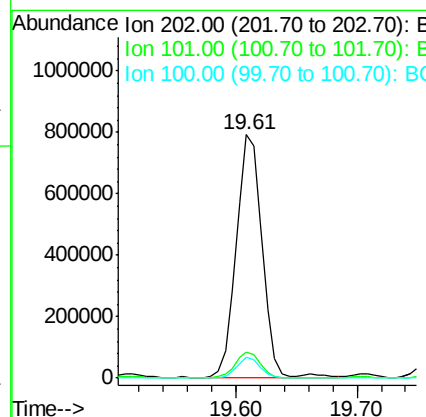
RT: 19.61 min Scan# 2855

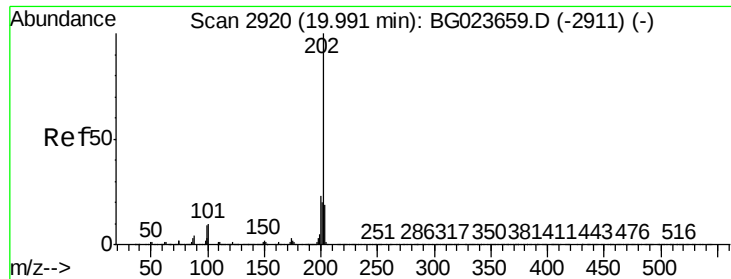
Delta R.T. -0.02 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.6	16.0#
100	8.7	8.7	13.1#





#77

Pyrene

Concen: 30.33 ng/ul

RT: 19.98 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Instrument :

BNA_G

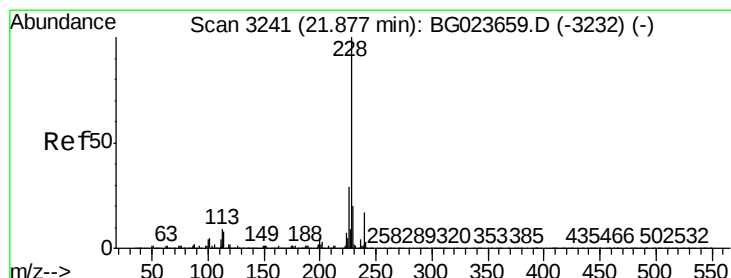
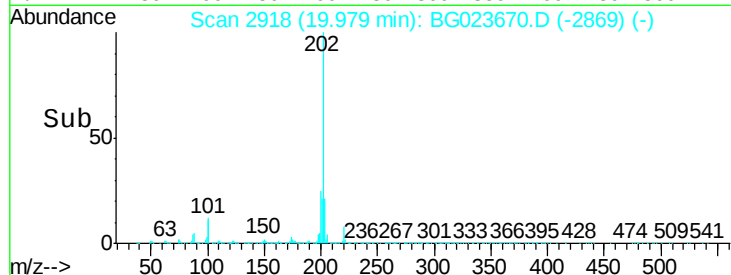
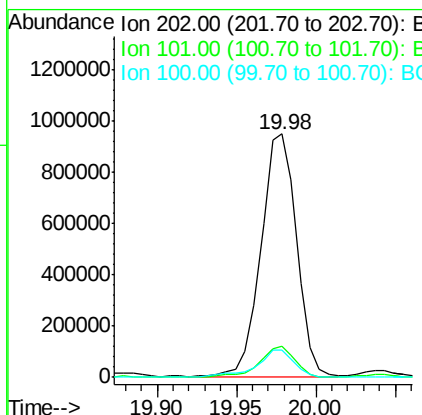
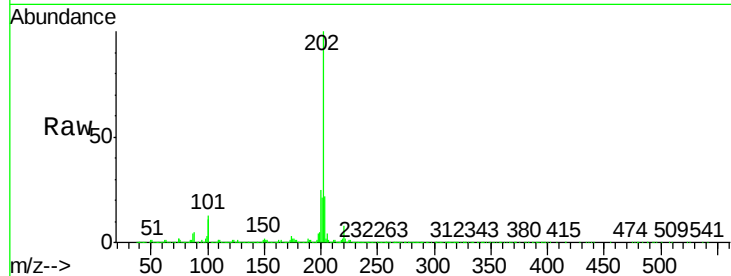
ClientSampleId :

P002-SS003-0002-01

Tgt Ion:	202	Resp:	1469562
Ion Ratio	Lower	Upper	
202	100		
101	12.7	12.5	18.7
100	11.0	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 17.85 ng/ul m

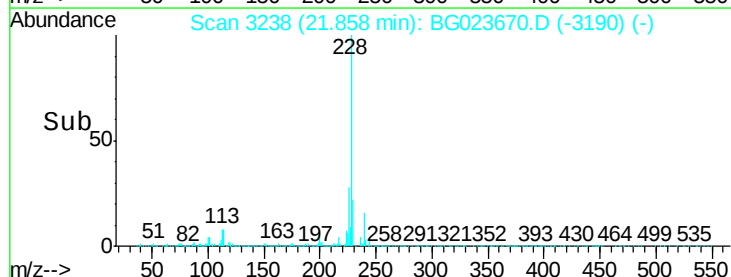
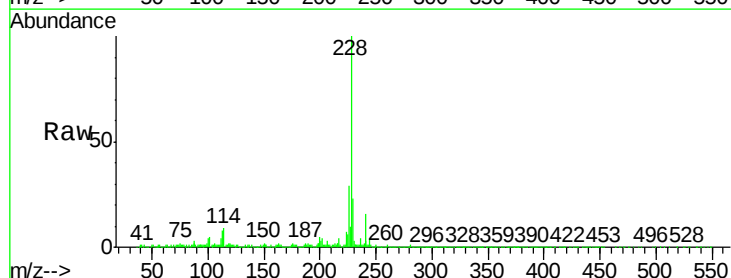
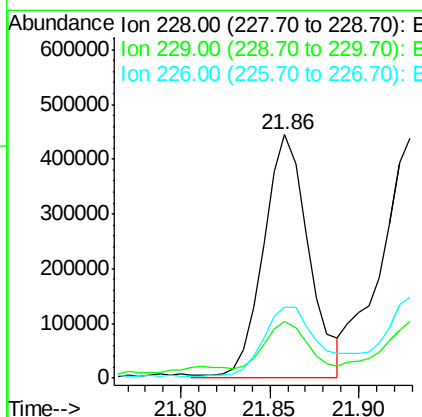
RT: 21.86 min Scan# 3238

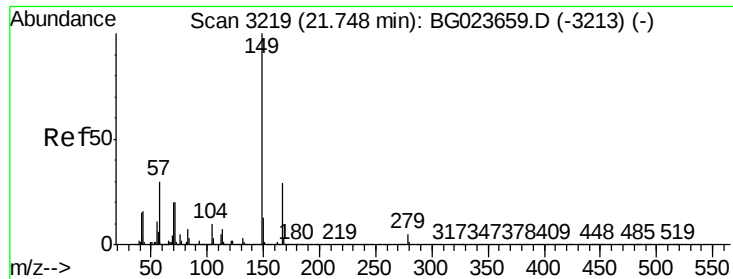
Delta R.T. -0.02 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Tgt Ion:	228	Resp:	787814
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.4	23.2#
226	29.0	22.8	34.2





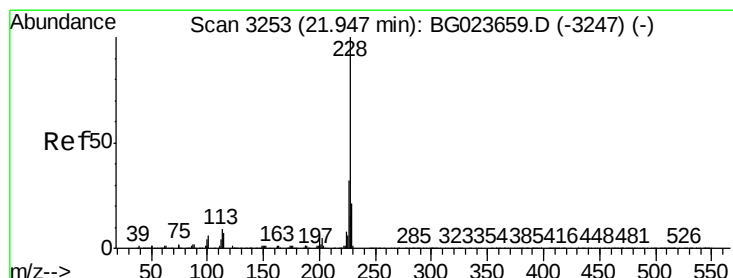
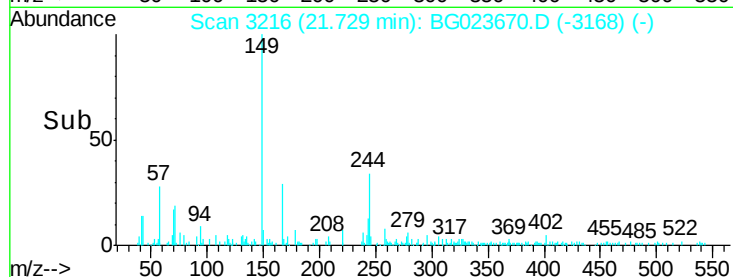
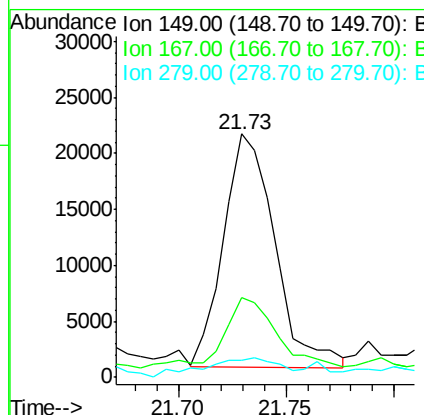
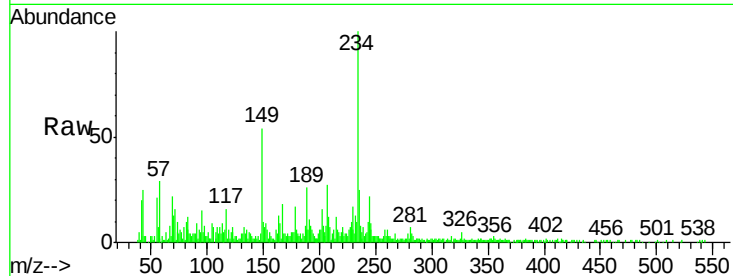
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.39 ng/ul m
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BG023670.D
 Acq: 13 Aug 2016 00:06

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0002-01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.0	21.9	32.9#
279	7.1	2.9	4.3#

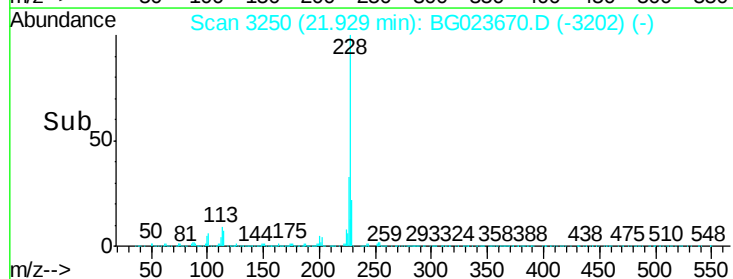
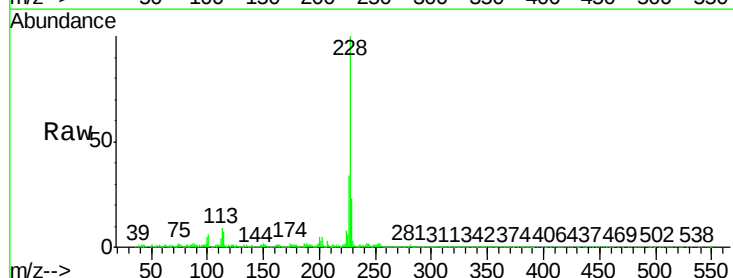
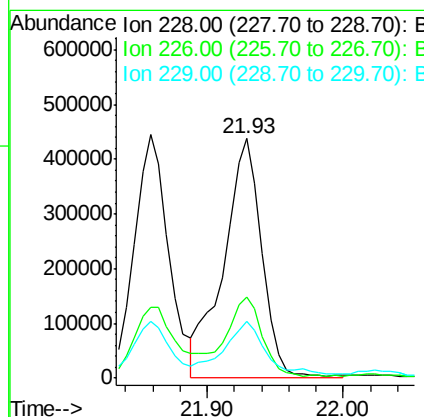
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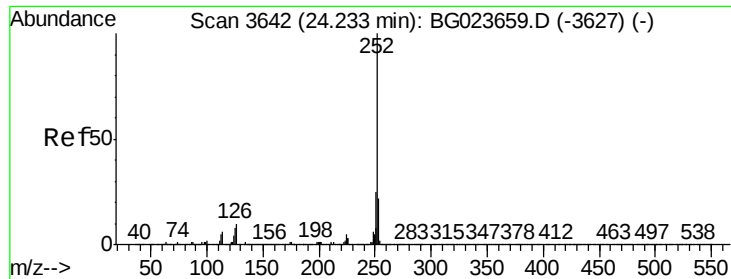
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#82
 Chrysene
 Concen: 21.35 ng/ul m
 RT: 21.93 min Scan# 3250
 Delta R.T. -0.02 min
 Lab File: BG023670.D
 Acq: 13 Aug 2016 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.2	36.4
229	23.5	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 18.98 ng/ul

RT: 24.20 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Instrument :

BNA_G

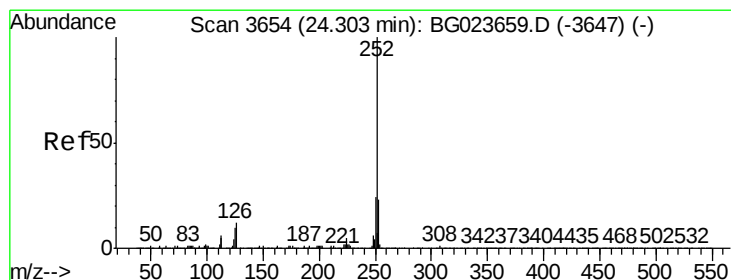
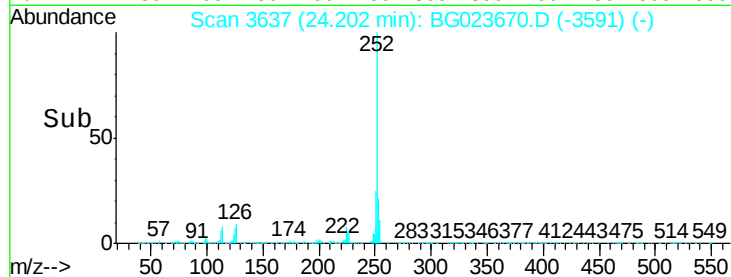
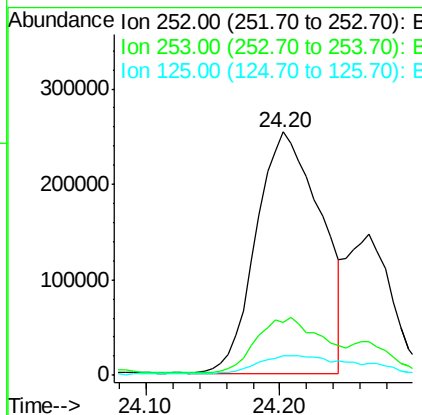
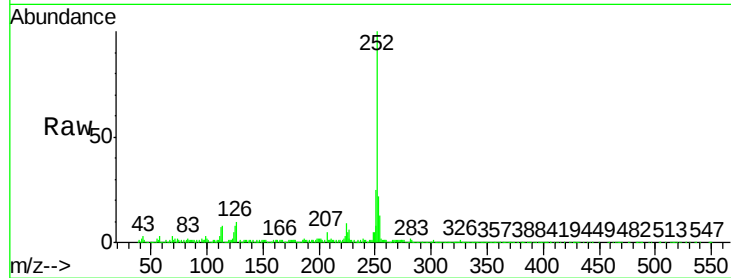
ClientSampleId :

P002-SS003-0002-01

Tgt Ion:	252	Resp:	849390
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	8.1	10.8	16.2#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 7.86 ng/ul m

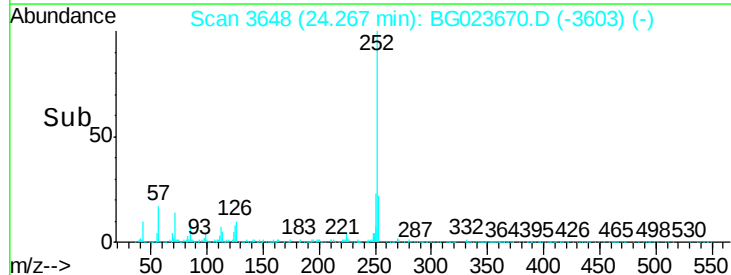
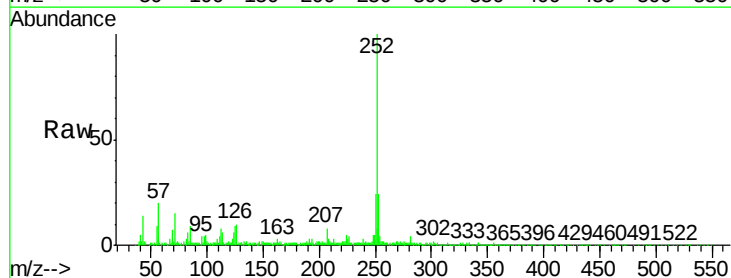
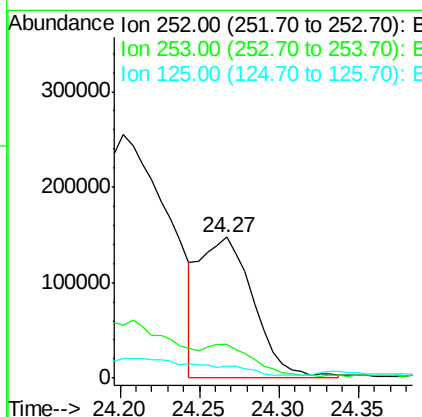
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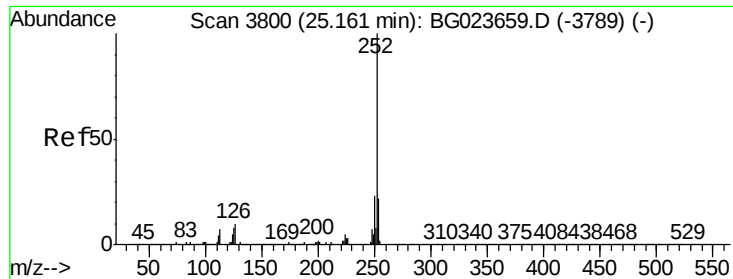
Delta R.T. -0.04 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Tgt Ion:	252	Resp:	346249
Ion Ratio	Lower	Upper	
252	100		
253	23.5	15.8	23.6
125	8.7	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 16.94 ng/ul m

RT: 25.13 min Scan# 3795

Delta R.T. -0.03 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Instrument :

BNA_G

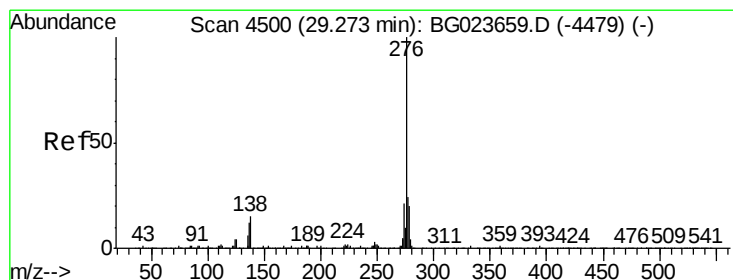
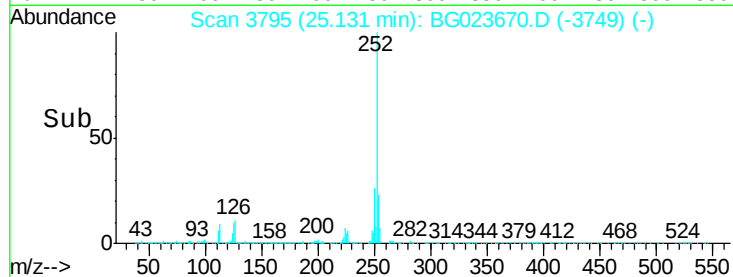
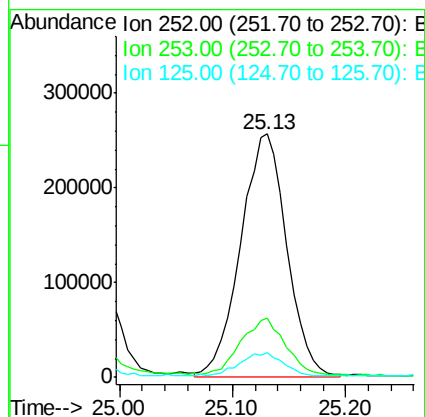
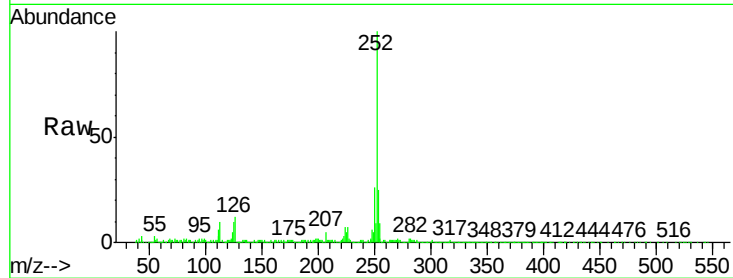
ClientSampleId :

P002-SS003-0002-01

Tgt Ion:	252	Resp:	731943
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.0	28.4
125	10.1	12.0	18.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 8.93 ng/ul

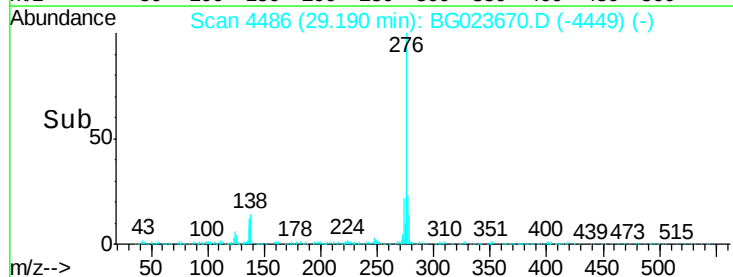
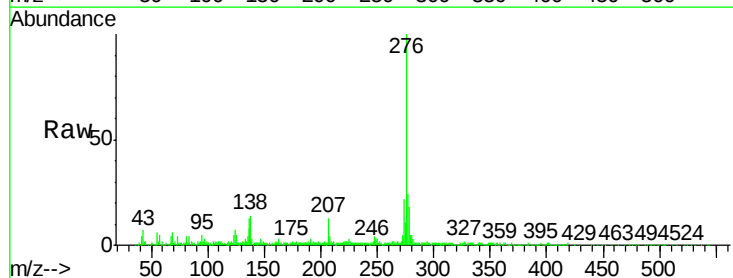
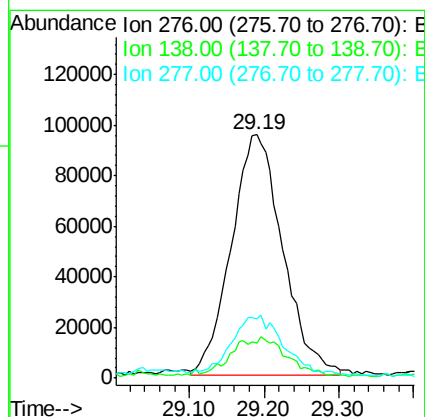
RT: 29.19 min Scan# 4486

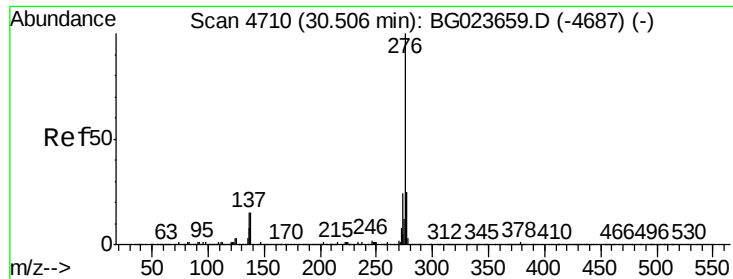
Delta R.T. -0.08 min

Lab File: BG023670.D

Acq: 13 Aug 2016 00:06

Tgt Ion:	276	Resp:	453245
Ion Ratio	Lower	Upper	
276	100		
138	14.2	20.8	31.2#
277	24.3	17.6	26.4





#91
 Benzo(g,h,i)perylene
 Concen: 10.98 ng/ul
 RT: 30.42 min Scan# 4696
 Delta R.T. -0.08 min
 Lab File: BG023670.D
 Acq: 13 Aug 2016 00:06

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0002-01

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		462156		
138	14.4	22.1	33.1#		
277	25.9	17.0	25.4#		

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:50:08 PM

