

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023605.D
 Acq On : 10 Aug 2016 23:12
 Operator : UM/SJ
 Sample : H4384-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-0002-01

Manual Integrations
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Quant Time: Aug 11 05:26:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	167740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	739494	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	516424	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1251541	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1313882	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1319335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	15991	4.05	ng/uL	0.00
5) Phenol-d5	7.26	99	362326	21.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	257796	23.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	260399	22.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	246351	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	141617	24.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	159717	23.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	290340	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	353669	23.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1041204	24.62	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1205377	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	174055	24.11	ng/ul	0.00
57) Fluorene-d10	15.78	176	981075	25.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	185581	23.11	ng/ul	0.00
70) Anthracene-d10	17.64	188	1451657	25.74	ng/ul	0.00
76) Pyrene-d10	19.94	212	1725771	25.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1603325	26.85	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	335740	8.02	ng/ul#	99
69) Phenanthrene	17.59	178	86237	1.33	ng/ul	97
74) Fluoranthene	19.60	202	154848	2.33	ng/ul#	95
77) Pyrene	19.96	202	232181	2.86	ng/ul#	92
80) Benzo(a)anthracene	21.84	228	102416	1.38	ng/ul#	94
82) Chrysene	21.91	228	107655	1.60	ng/ul#	93
85) Benzo(b)fluoranthene	24.18	252	122444m	1.63	ng/ul	
88) Benzo(a)pyrene	25.10	252	98457m	1.36	ng/ul	
91) Benzo(g,h,i)perylene	30.36	276	71333m	1.01	ng/ul	

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

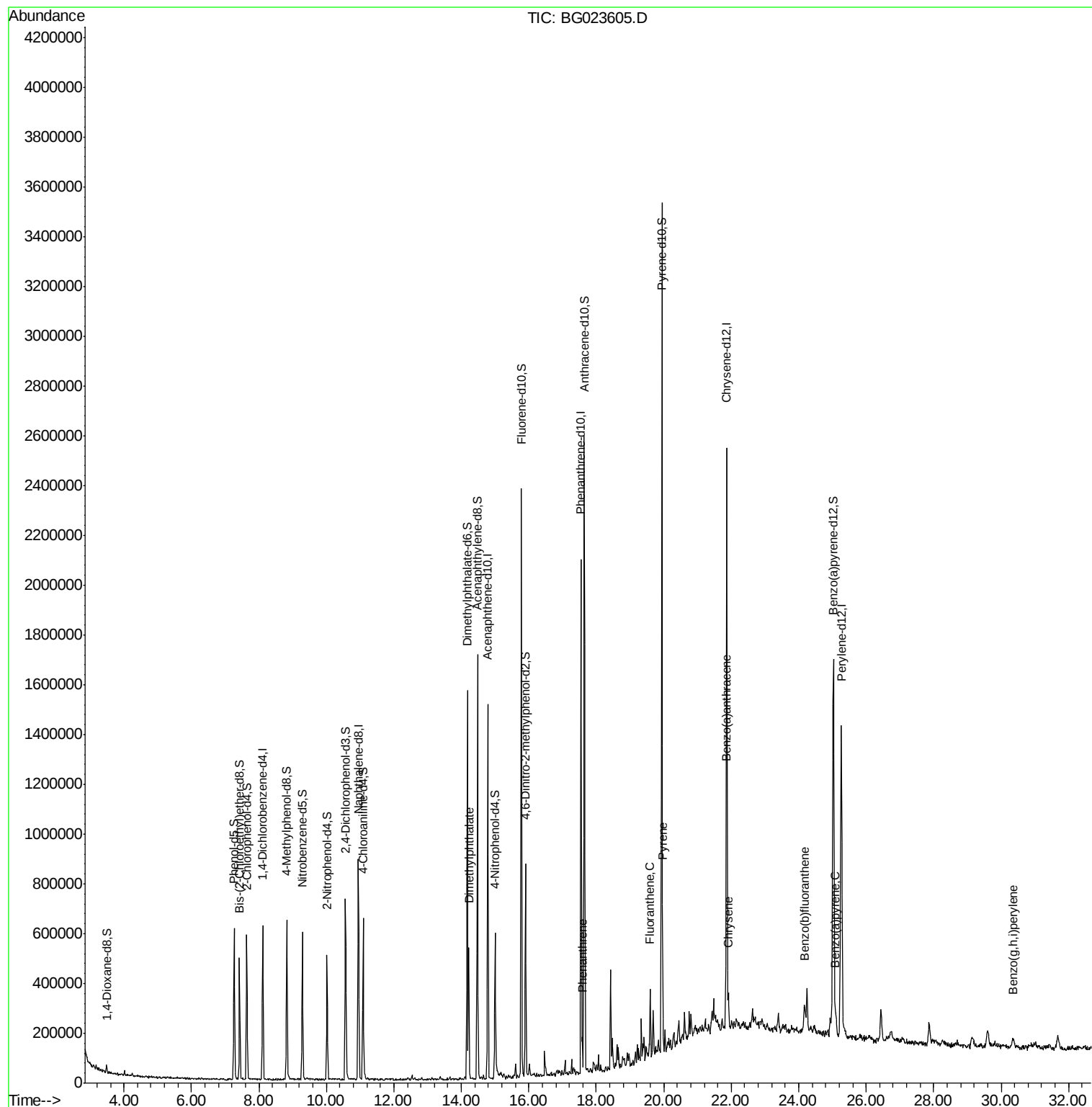
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ALS Vial : 17 Sample Multiplier: 1

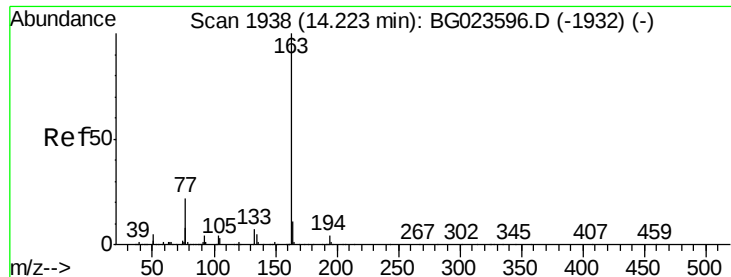
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.02 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

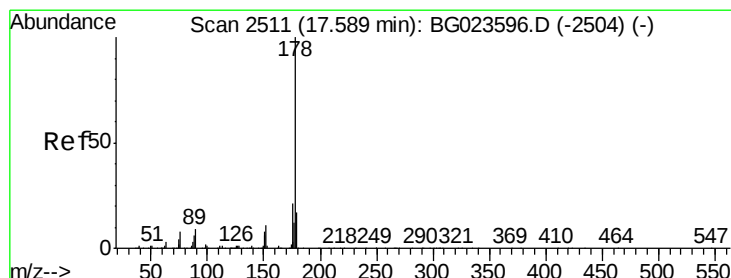
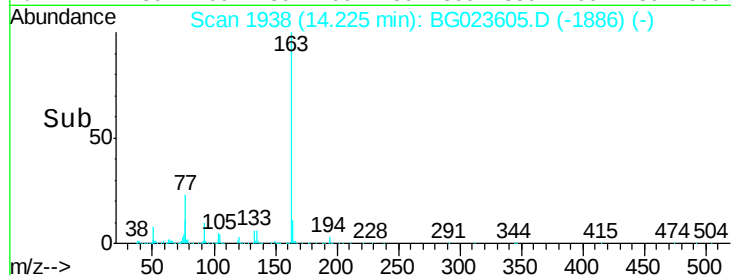
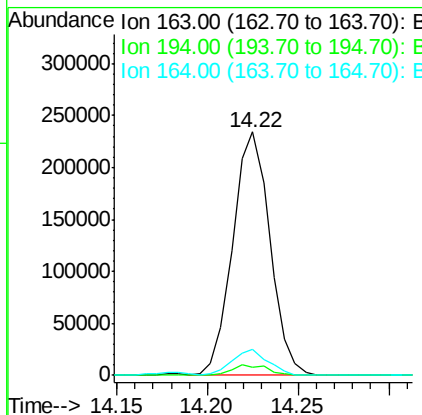
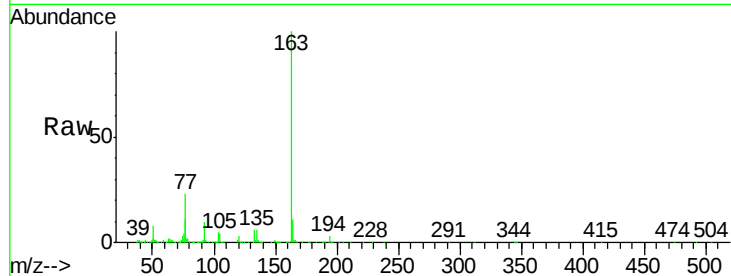
ClientSampleId :

P001-SS003-0002-01

Tgt Ion:	163	Resp:	335740
Ion Ratio		Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	10.6	8.8	13.2

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#69

Phenanthrene

Concen: 1.33 ng/ul

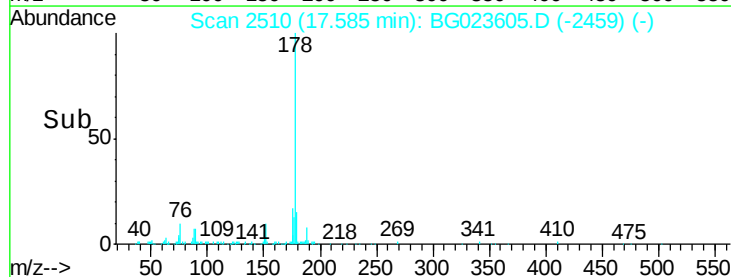
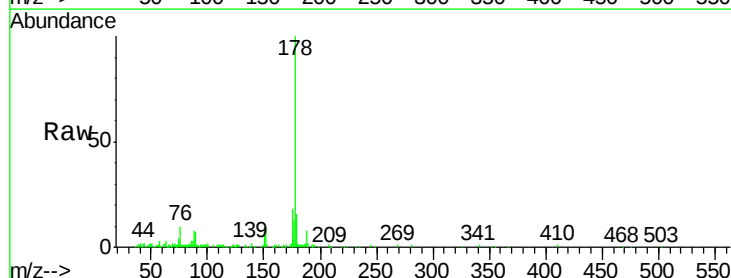
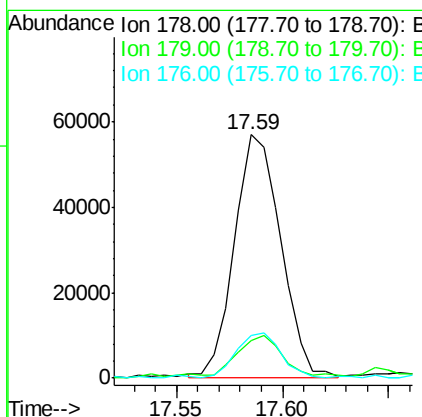
RT: 17.59 min Scan# 2510

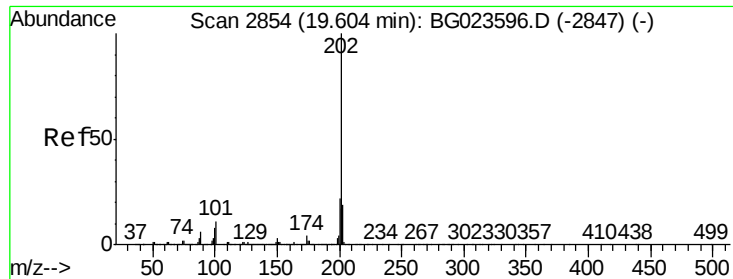
Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Tgt Ion:	178	Resp:	86237
Ion Ratio		Lower	Upper
178	100		
179	15.7	12.9	19.3
176	17.8	15.8	23.8





#74

Fluoranthene

Concen: 2.33 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

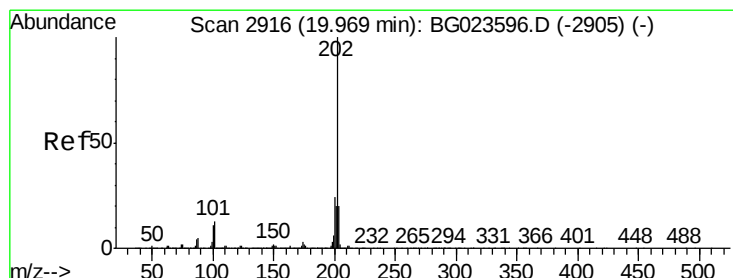
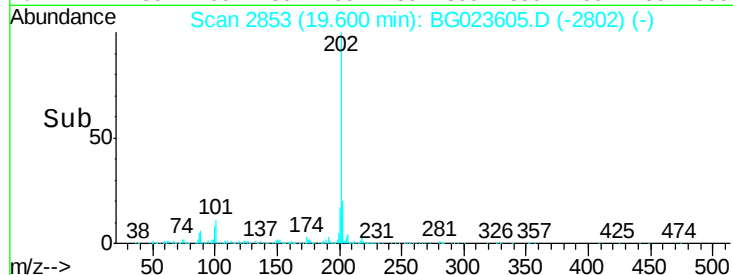
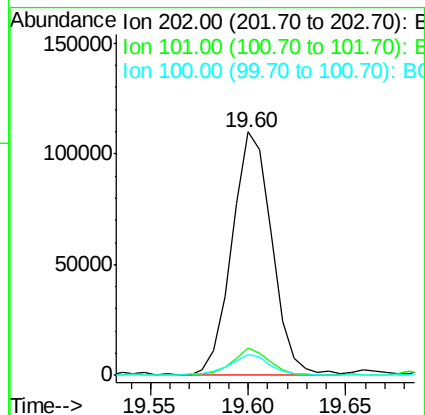
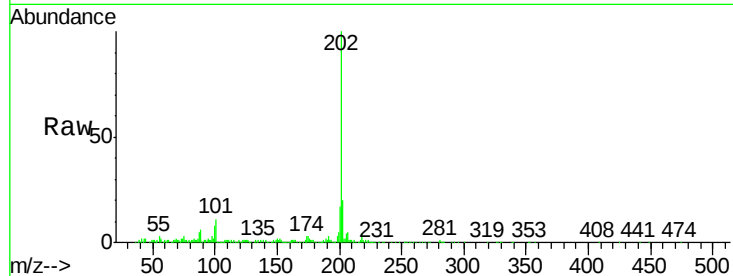
ClientSampleId :

P001-SS003-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	154848		
101	11.4	10.6	16.0	
100	8.5	8.7	13.1	

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#77

Pyrene

Concen: 2.86 ng/ul

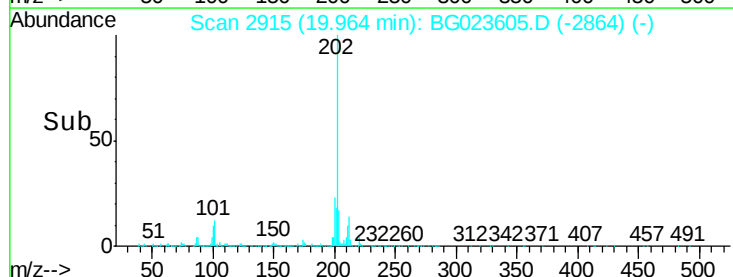
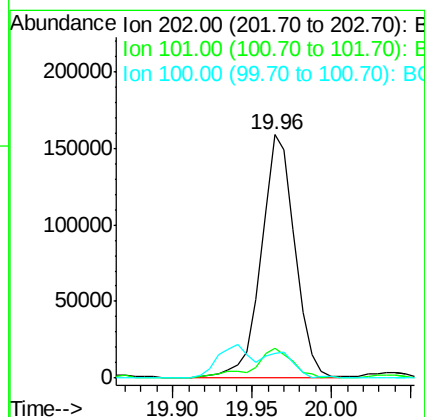
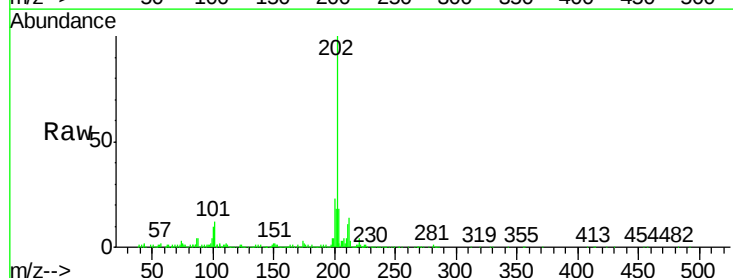
RT: 19.96 min Scan# 2915

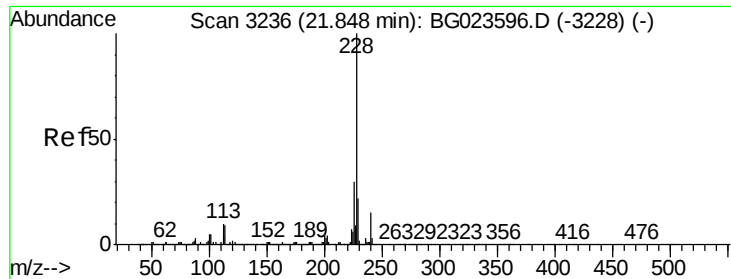
Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	232181		
101	12.3	12.5	18.7	
100	10.0	10.2	15.4	





#80

Benzo(a)anthracene

Concen: 1.38 ng/ul

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

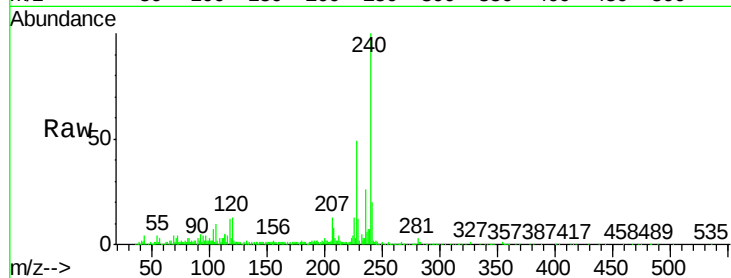
ClientSampleId :

P001-SS003-0002-01

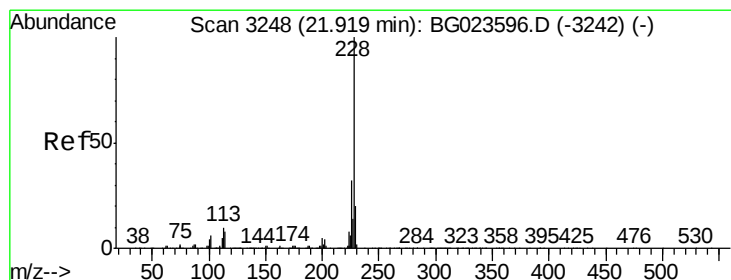
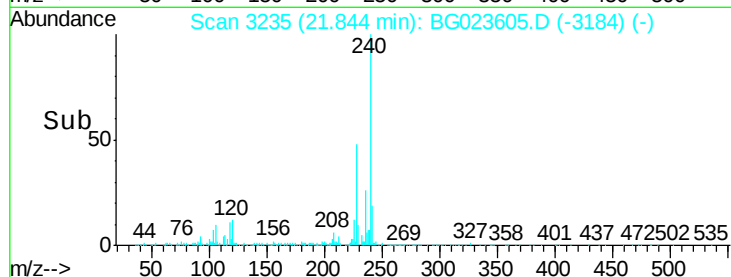
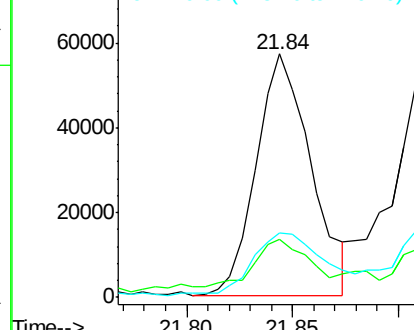
Tgt Ion:	228	Resp:	102416
Ion Ratio		Lower	Upper
228	100		
229	23.8	15.4	23.2#
226	26.5	22.8	34.2

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



#82

Chrysene

Concen: 1.60 ng/ul

RT: 21.91 min Scan# 3247

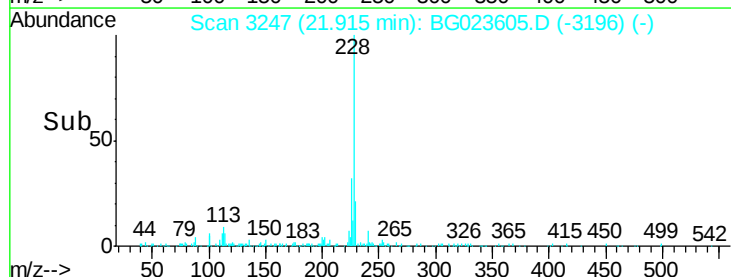
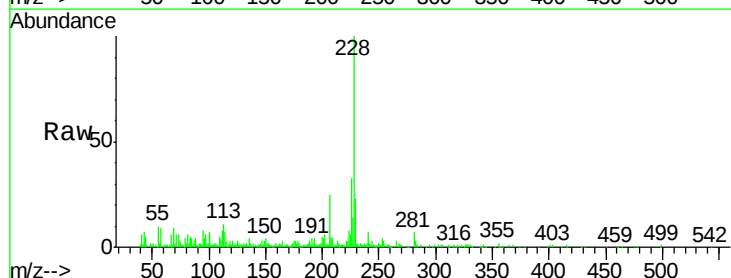
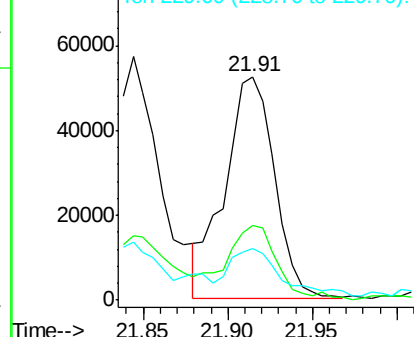
Delta R.T. -0.00 min

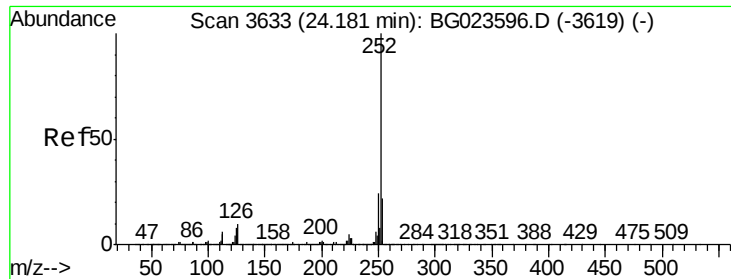
Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Tgt Ion:	228	Resp:	107655
Ion Ratio		Lower	Upper
228	100		
226	33.4	24.2	36.4
229	23.2	15.0	22.6#

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





#85

Benzo(b)fluoranthene

Concen: 1.63 ng/ul m

RT: 24.18 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

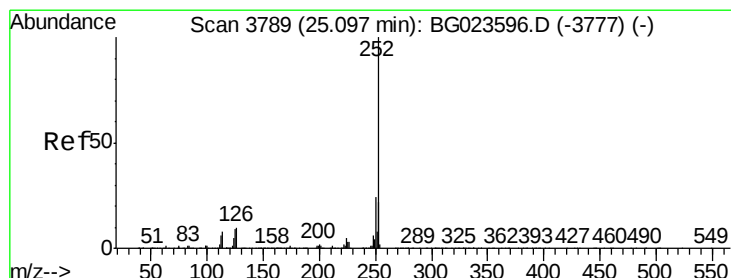
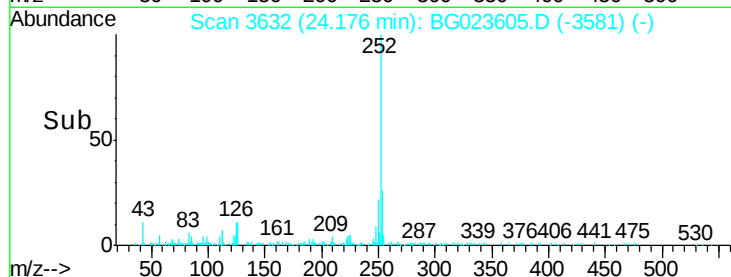
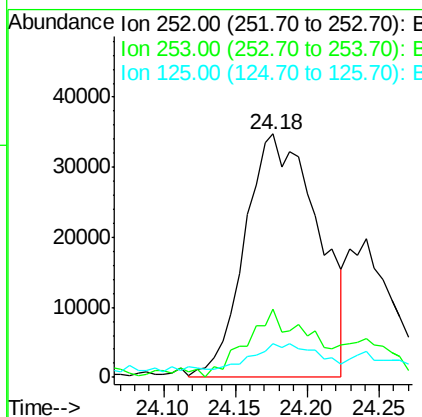
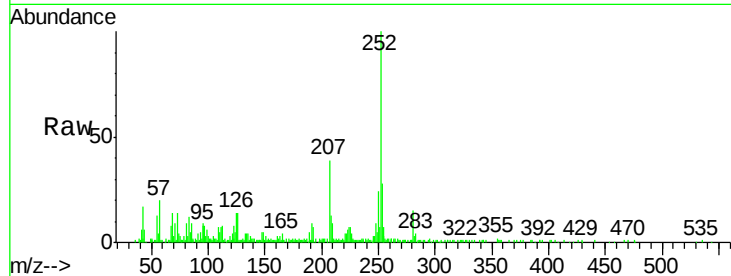
ClientSampleId :

P001-SS003-0002-01

Tgt Ion:	252	Resp:	122444
Ion Ratio	Lower	Upper	
252	100		
253	27.8	18.2	27.2#
125	13.7	10.8	16.2

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#88

Benzo(a)pyrene

Concen: 1.36 ng/ul m

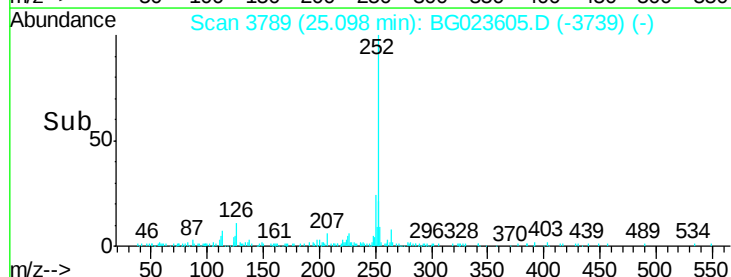
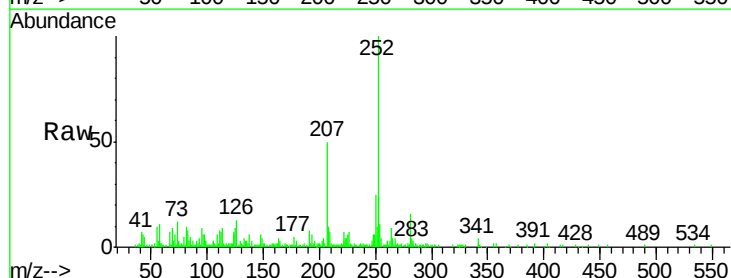
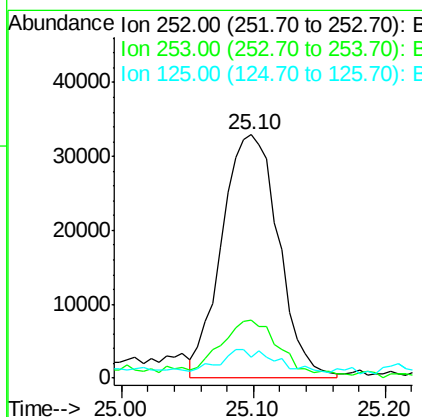
RT: 25.10 min Scan# 3789

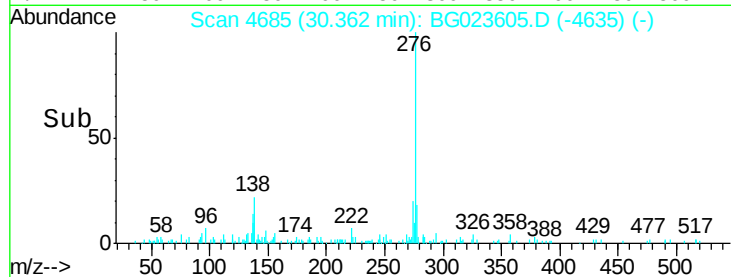
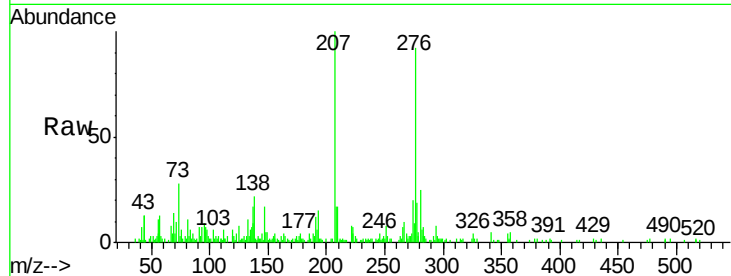
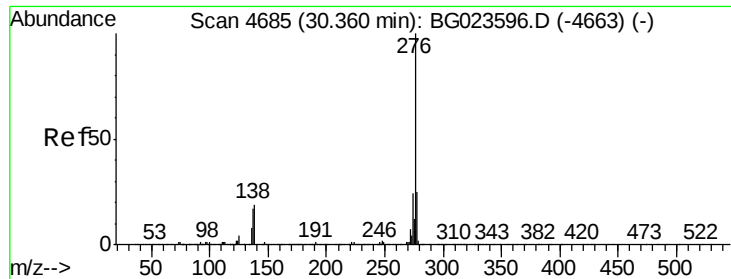
Delta R.T. -0.01 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Tgt Ion:	252	Resp:	98457
Ion Ratio	Lower	Upper	
252	100		
253	23.8	19.0	28.4
125	8.7	12.0	18.0#





#91

Benzo(g,h,i)perylene

Concen: 1.01 ng/ul m

RT: 30.36 min Scan# 4685

Delta R.T. -0.01 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Tgt Ion:	276	Resp:	71333
Ion Ratio	Lower	Upper	
276	100		
138	23.3	22.1	33.1
277	20.8	17.0	25.4

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0002-01

Manual Integrations
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