

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023612.D
 Acq On : 11 Aug 2016 3:52
 Operator : UM/SJ
 Sample : H4384-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-1218-01

Manual Integrations
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 8/11/2016 6:14:27 PM

Quant Time: Aug 11 05:57:41 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	156044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	707112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	525216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1227300	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1200724	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1203119	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10726	2.92	ng/uL	0.00
5) Phenol-d5	7.26	99	277117	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	198110m	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	202051	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	228463	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	111713m	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	120310	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	223186	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	290515	20.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	853308	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	989373	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	118027	16.08	ng/ul	0.00
57) Fluorene-d10	15.78	176	794300	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	134335	17.06	ng/ul	0.00
70) Anthracene-d10	17.65	188	1184325	21.42	ng/ul	0.00
76) Pyrene-d10	19.94	212	1283773	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1217083	22.35	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	320183	7.52	ng/ul	98
47) Acenaphthylene	14.51	152	55213	1.09	ng/ul#	91
69) Phenanthrene	17.59	178	333348	5.24	ng/ul	97
74) Fluoranthene	19.61	202	524030	8.05	ng/ul#	92
77) Pyrene	19.97	202	877540	11.82	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	361809m	5.35	ng/ul	
82) Chrysene	21.92	228	374509	6.09	ng/ul	95
85) Benzo(b)fluoranthene	24.18	252	300793	4.40	ng/ul#	96
86) Benzo(k)fluoranthene	24.25	252	72419m	1.07	ng/ul	
88) Benzo(a)pyrene	25.10	252	264435m	4.00	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	136972	1.76	ng/ul#	88
91) Benzo(g,h,i)perylene	30.37	276	165524	2.57	ng/ul#	83

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

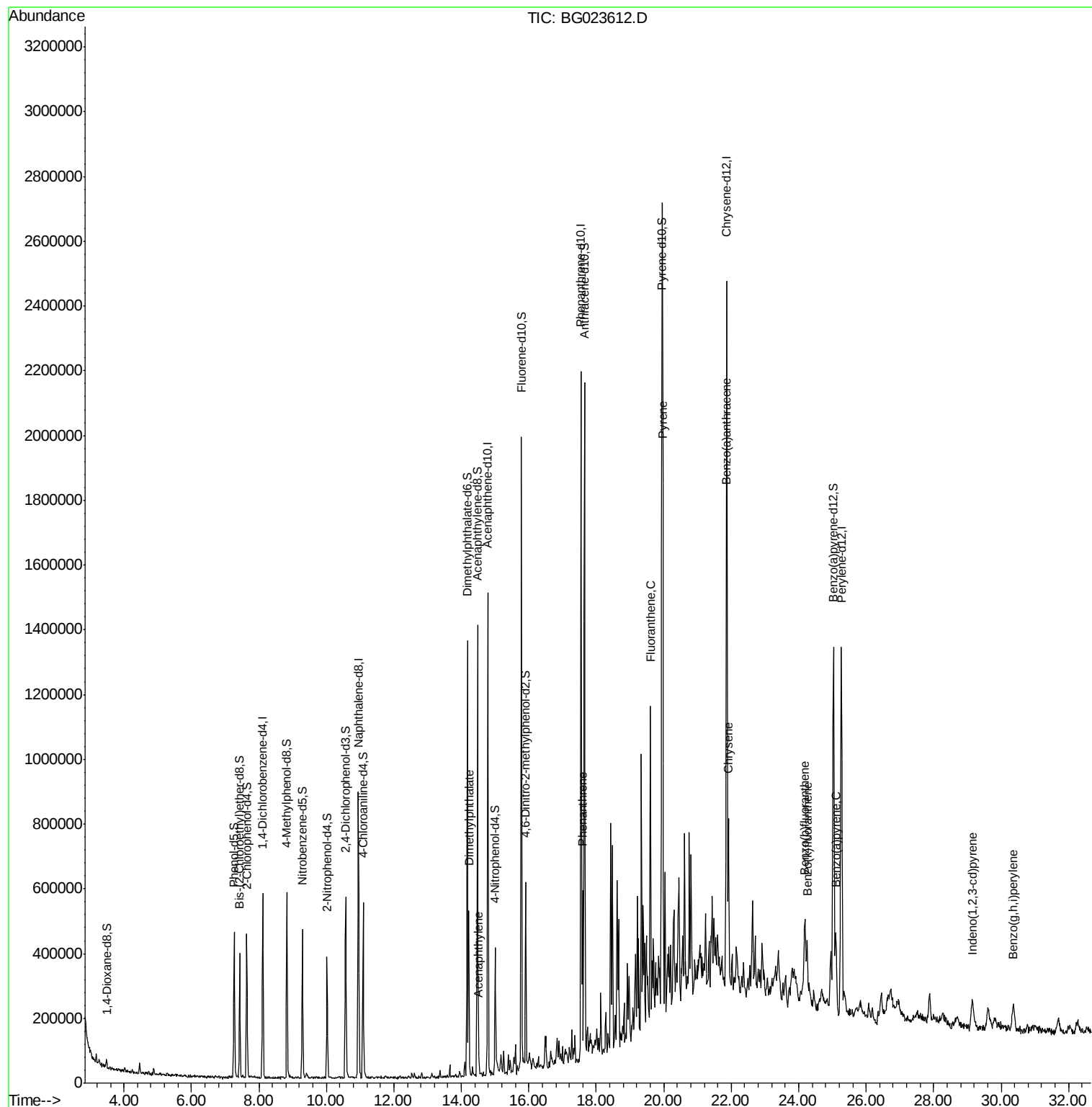
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

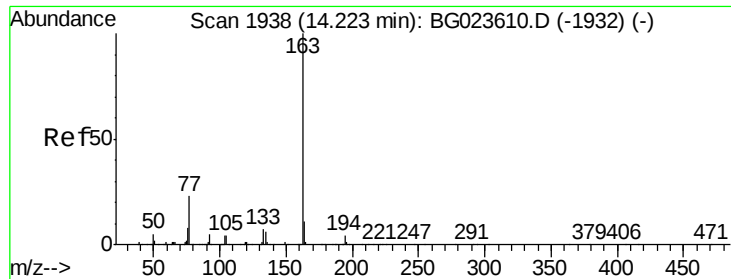
Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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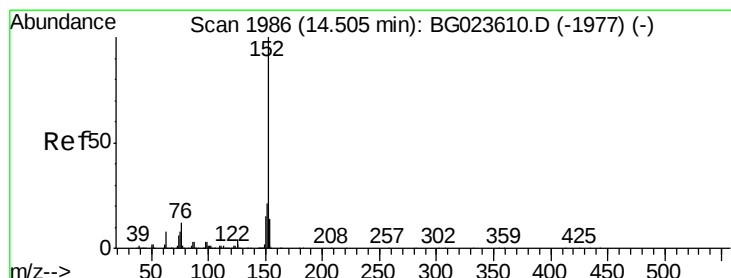
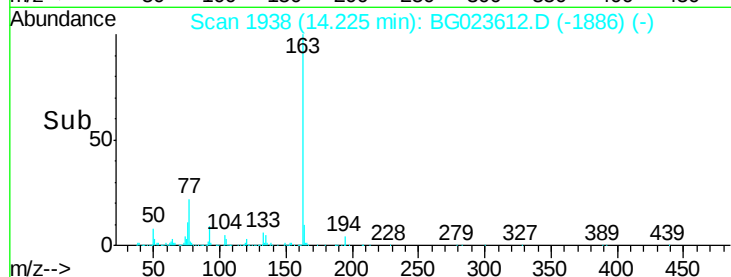
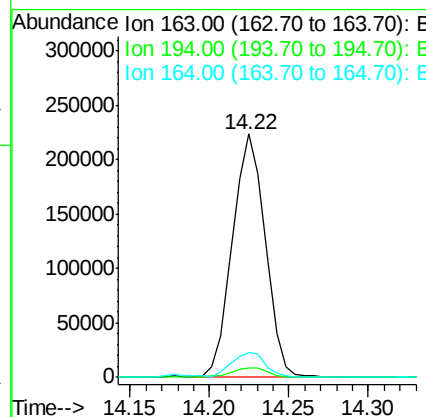
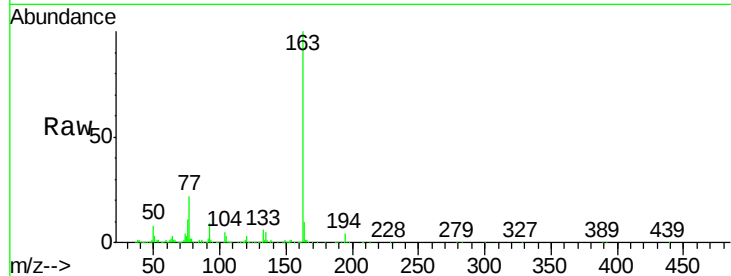
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Dimethylphthalate
Concen: 7.52 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023612.D
Acq: 11 Aug 2016 3:52

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.4	5.2
164	10.4	8.8	13.2

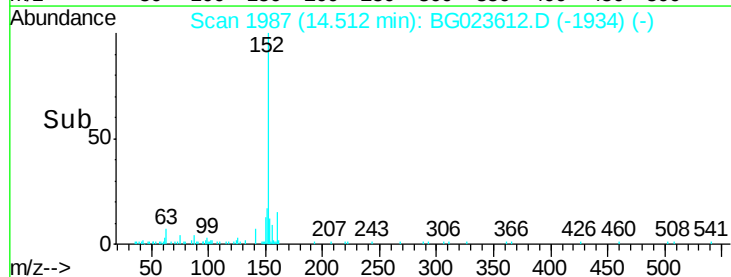
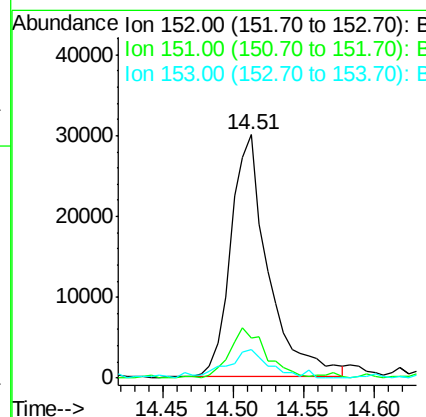
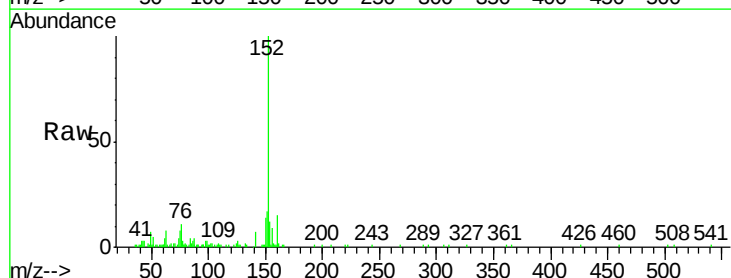
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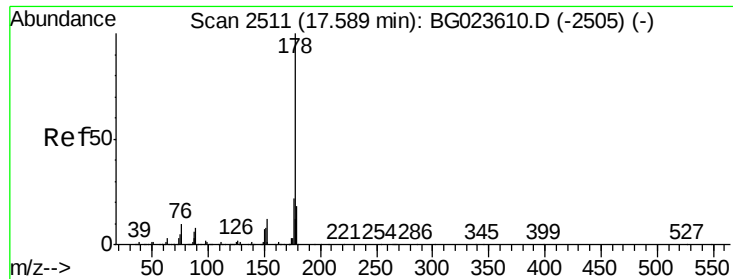
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#47
Acenaphthylene
Concen: 1.09 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG023612.D
Acq: 11 Aug 2016 3:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	16.7	17.5	26.3#
153	11.8	11.1	16.7





#69

Phenanthrene

Concen: 5.24 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Instrument :

BNA_G

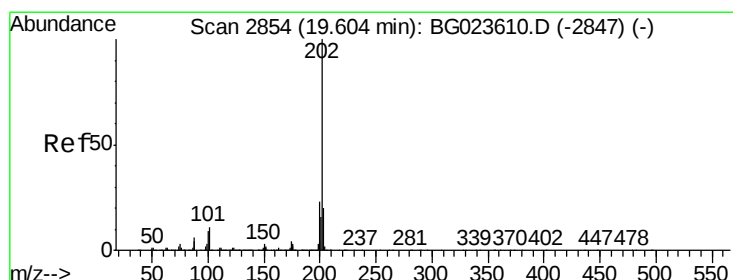
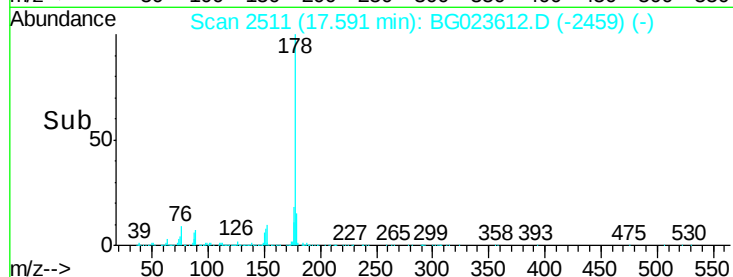
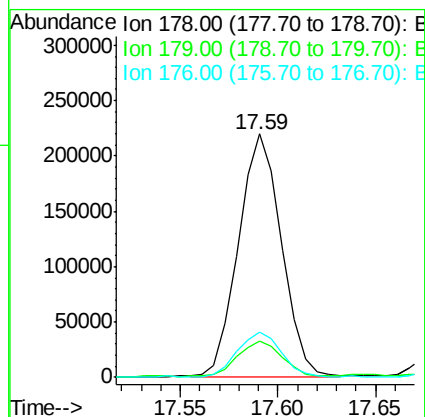
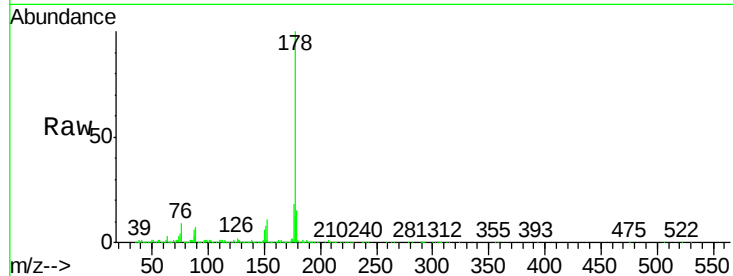
ClientSampleId :

P001-SS003-1218-01

Tgt Ion:	178	Resp:	333348
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.9	19.3
176	18.4	15.8	23.8

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#74

Fluoranthene

Concen: 8.05 ng/ul

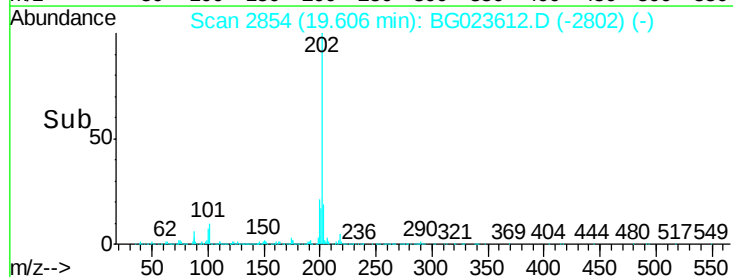
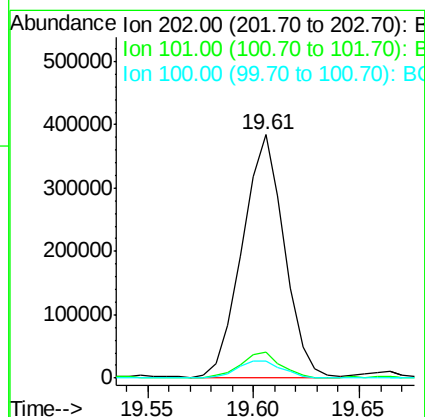
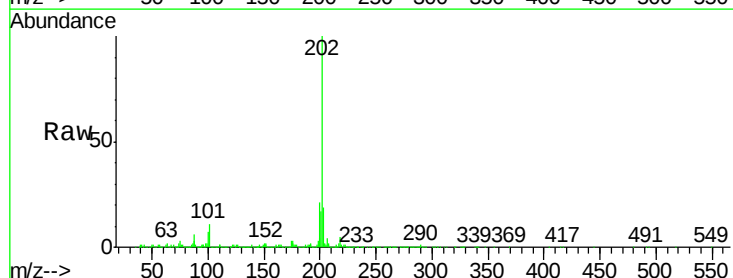
RT: 19.61 min Scan# 2854

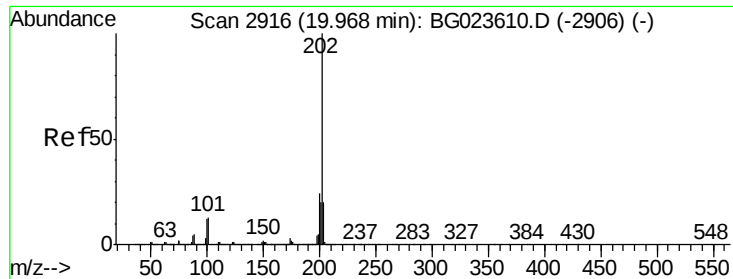
Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Tgt Ion:	202	Resp:	524030
Ion Ratio	Lower	Upper	
202	100		
101	10.5	10.6	16.0#
100	7.0	8.7	13.1#





#77

Pyrene

Concen: 11.82 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Instrument :

BNA_G

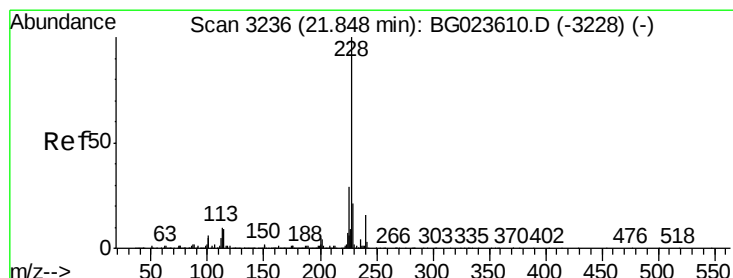
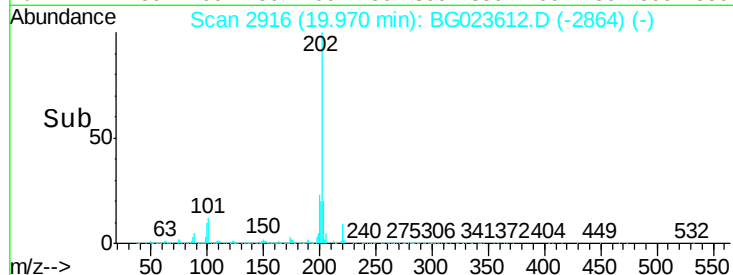
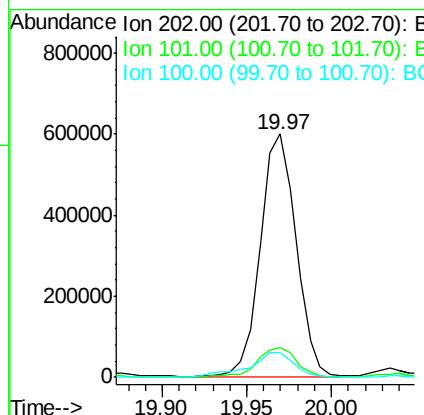
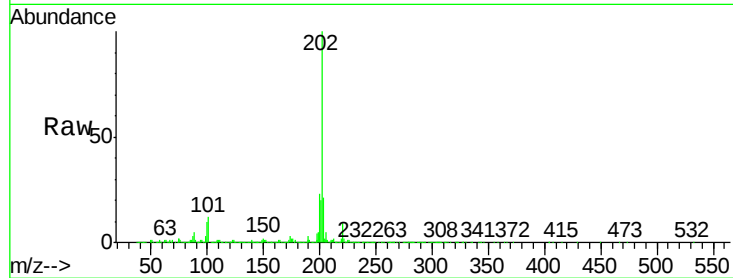
ClientSampleId :

P001-SS003-1218-01

Tgt Ion:	202	Resp:	877540
Ion Ratio	Lower	Upper	
202	100		
101	12.5	12.5	18.7
100	9.9	10.2	15.4#

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#80

Benzo(a)anthracene

Concen: 5.35 ng/ul m

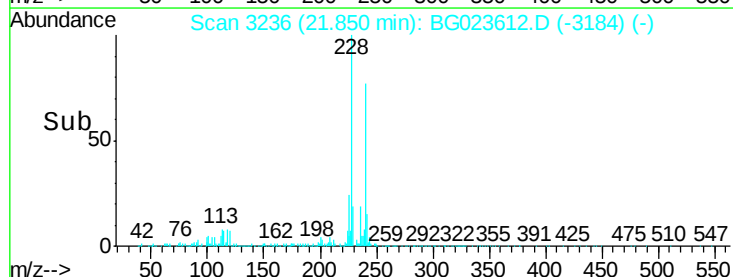
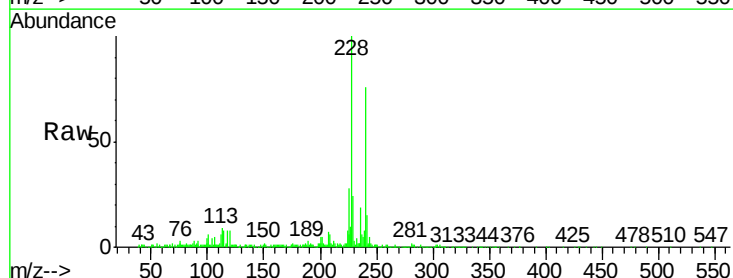
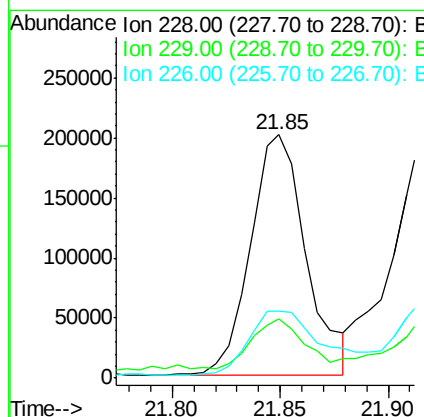
RT: 21.85 min Scan# 3236

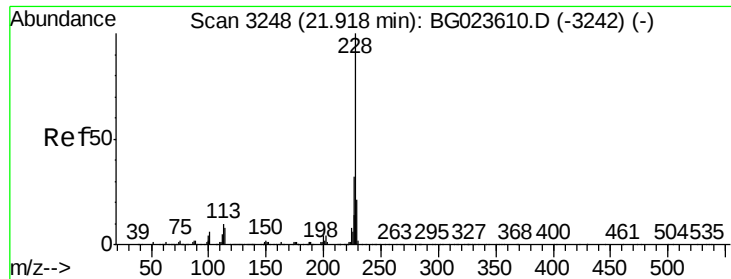
Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Tgt Ion:	228	Resp:	361809
Ion Ratio	Lower	Upper	
228	100		
229	24.2	15.4	23.2#
226	27.7	22.8	34.2





#82

Chrysene

Concen: 6.09 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Instrument :

BNA_G

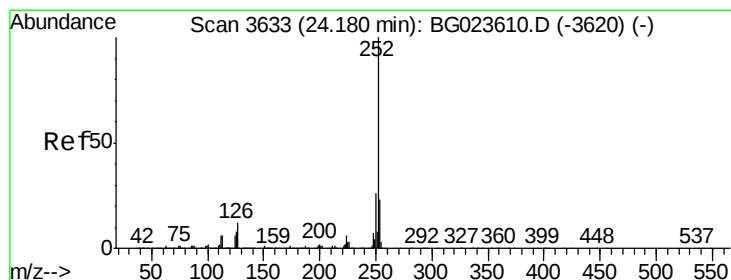
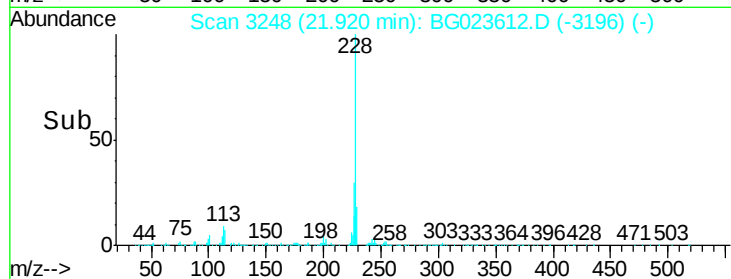
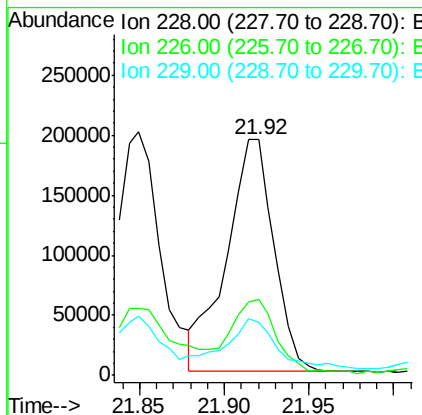
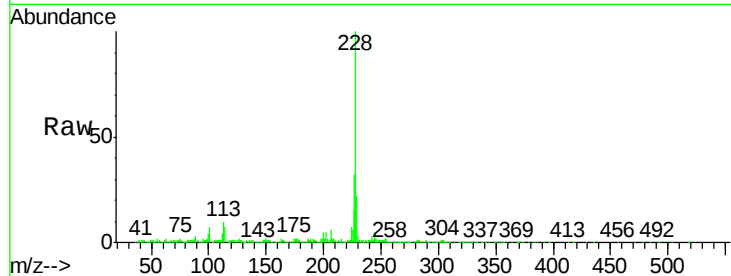
ClientSampleId :

P001-SS003-1218-01

Tgt Ion:	228	Resp:	374509
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.2	36.4
229	22.3	15.0	22.6

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#85

Benzo(b)fluoranthene

Concen: 4.40 ng/ul

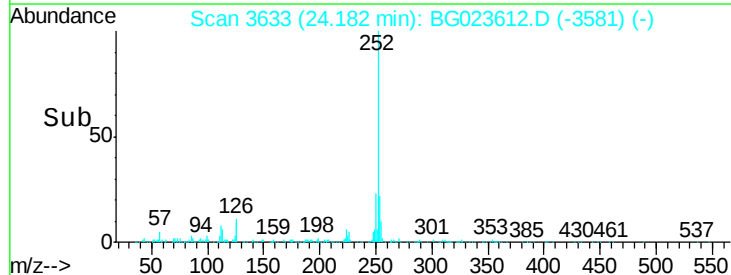
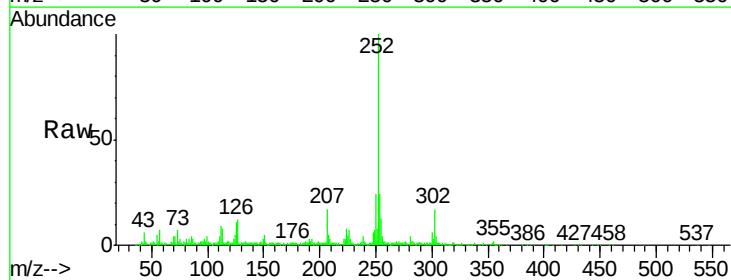
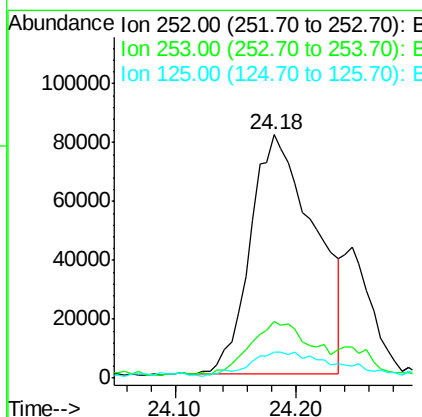
RT: 24.18 min Scan# 3633

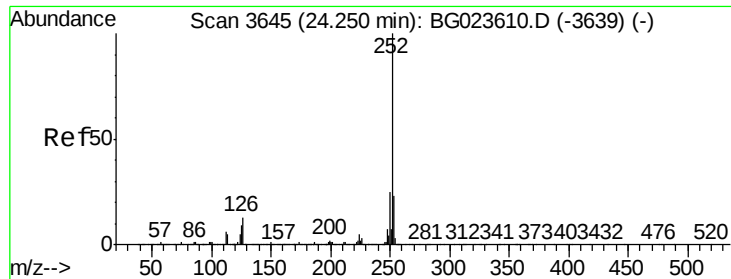
Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Tgt Ion:	252	Resp:	300793
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	10.7	10.8	16.2#





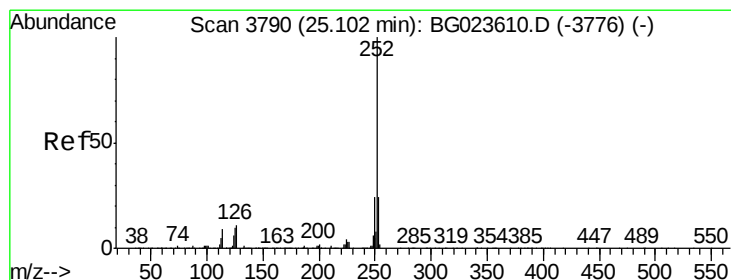
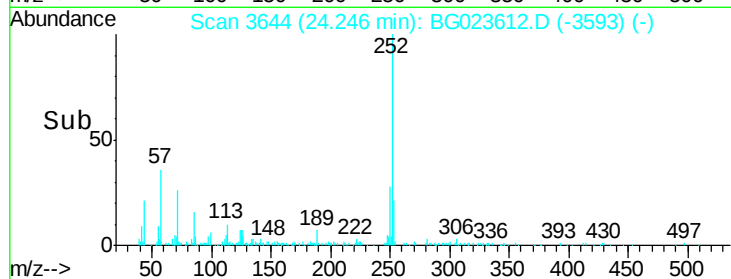
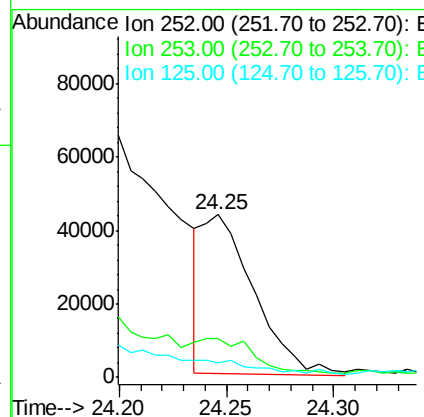
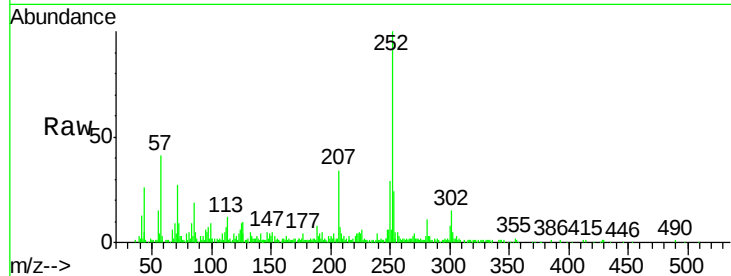
#86
Benzo(k)fluoranthene
Concen: 1.07 ng/ul m
RT: 24.25 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG023612.D
Acq: 11 Aug 2016 3:52

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	15.8	23.6
125	9.2	10.6	16.0

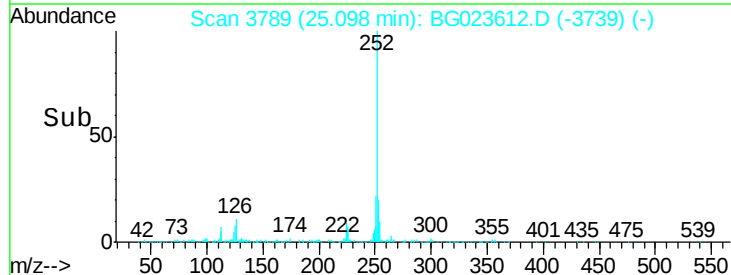
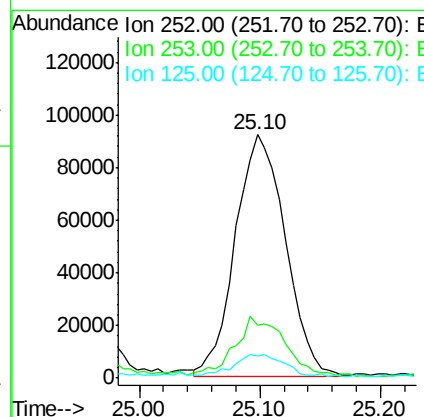
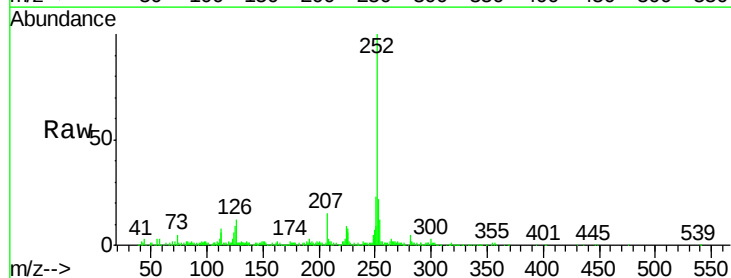
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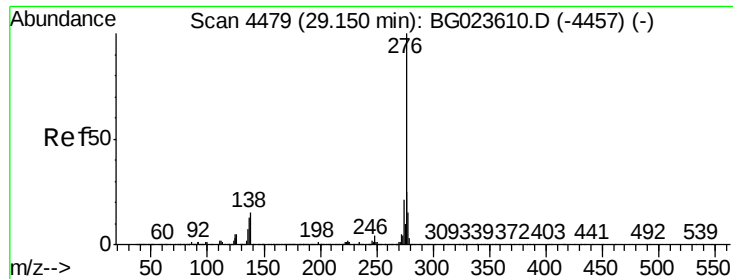
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#88
Benzo(a)pyrene
Concen: 4.00 ng/ul m
RT: 25.10 min Scan# 3789
Delta R.T. -0.01 min
Lab File: BG023612.D
Acq: 11 Aug 2016 3:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.4
125	9.3	12.0	18.0





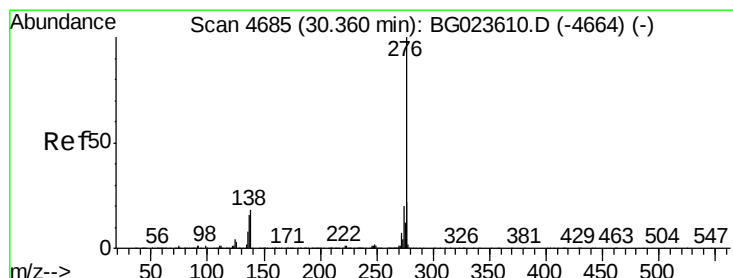
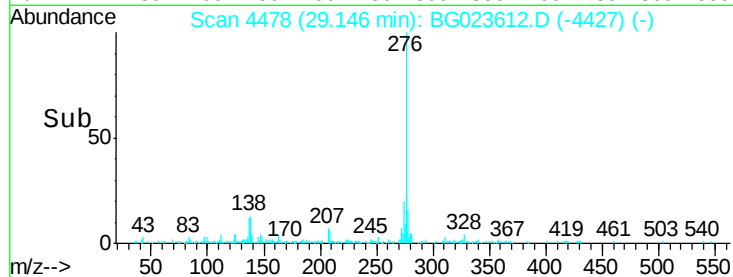
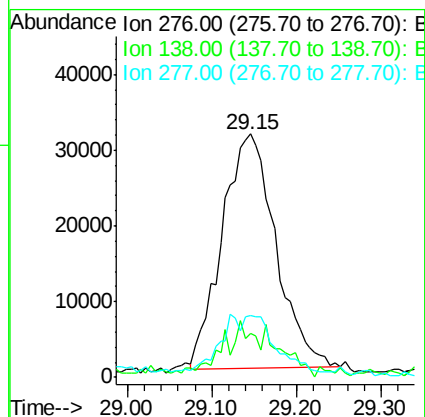
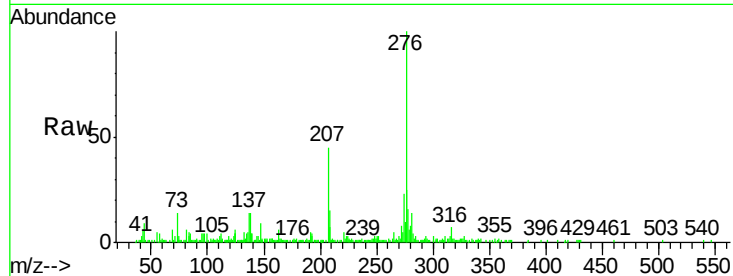
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.76 ng/ul
 RT: 29.15 min Scan# 4478
 Delta R.T. -0.00 min
 Lab File: BG023612.D
 Acq: 11 Aug 2016 3:52

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-1218-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	20.8	31.2#
277	25.3	17.6	26.4

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#91
 Benzo(g,h,i)perylene
 Concen: 2.57 ng/ul
 RT: 30.37 min Scan# 4686
 Delta R.T. -0.00 min
 Lab File: BG023612.D
 Acq: 11 Aug 2016 3:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	22.1	33.1#
277	24.1	17.0	25.4

