

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023664.D
 Acq On : 12 Aug 2016 20:19
 Operator : UM/SJ
 Sample : H4385-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-0206-01

Manual Integrations
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Quant Time: Aug 13 04:34:46 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	8.12	152	154884	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	688111	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	472195	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	1114761	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1041733	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1050871	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10565	2.90	ng/uL	0.00
5) Phenol-d5	7.27	99	245451	15.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	167707	16.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	178908	16.81	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	178622	14.66	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	93766	17.29	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	113716	18.25	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	197811m	16.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	233626m	16.95	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	692735	17.92	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	806350	18.53	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	106071	16.07	ng/ul	0.00
57) Fluorene-d10	15.78	176	633375	17.73	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	100443	14.04	ng/ul	-0.02
70) Anthracene-d10	17.65	188	935598	18.63	ng/ul	-0.01
76) Pyrene-d10	19.95	212	963102	18.26	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	886190	18.63	ng/ul	-0.03

Target Compounds

					Qvalue
44) Dimethylphthalate	14.23	163	332482	8.68 ng/ul	99
69) Phenanthrene	17.59	178	289764	5.02 ng/ul	97
74) Fluoranthene	19.61	202	442542	7.49 ng/ul#	93
77) Pyrene	19.98	202	590525	9.17 ng/ul#	93
80) Benzo(a)anthracene	21.86	228	244214m	4.16 ng/ul	
82) Chrysene	21.93	228	281598	5.28 ng/ul	96
85) Benzo(b)fluoranthene	24.20	252	269181	4.50 ng/ul	95
86) Benzo(k)fluoranthene	24.26	252	96151m	1.63 ng/ul	
88) Benzo(a)pyrene	25.13	252	215058m	3.73 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.21	276	133068m	1.96 ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	132134m	2.35 ng/ul	

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

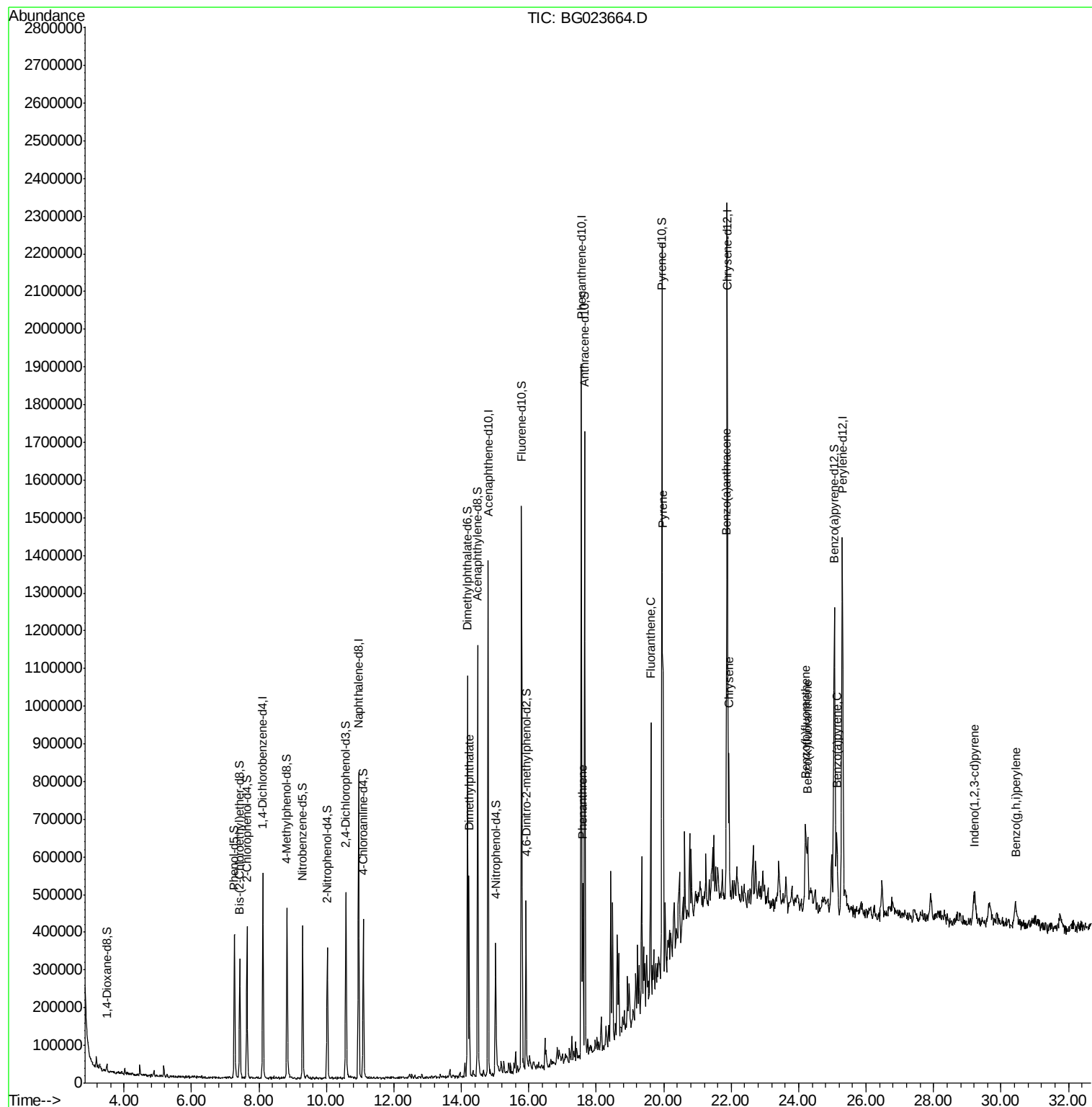
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

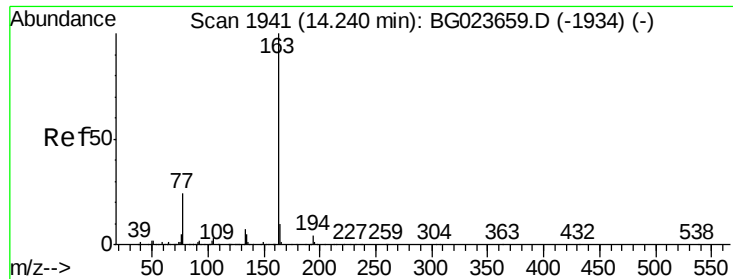
Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

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Quant Time: Aug 13 04:34:46 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: 8.68 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Instrument :

BNA_G

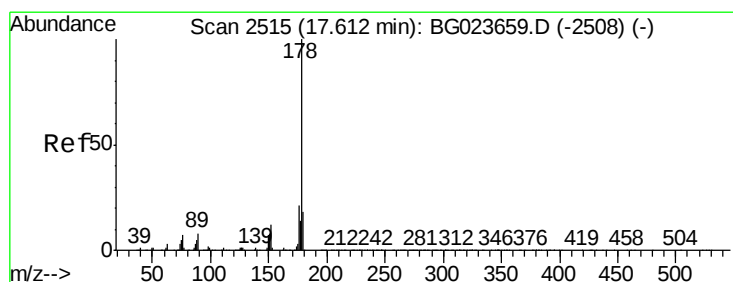
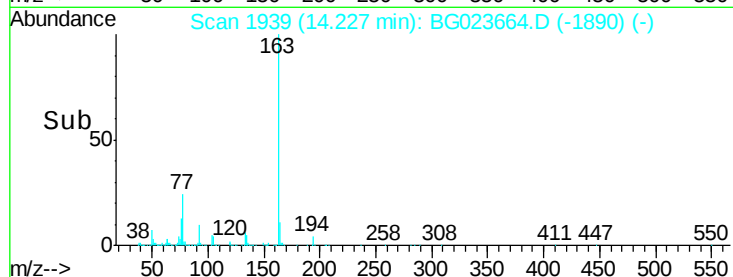
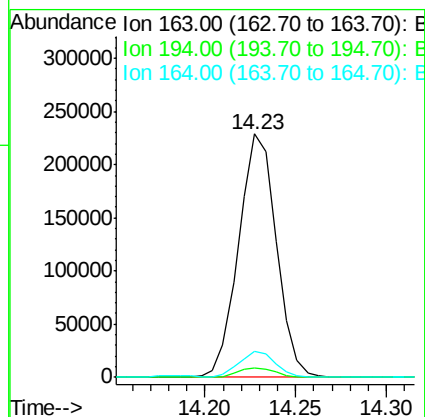
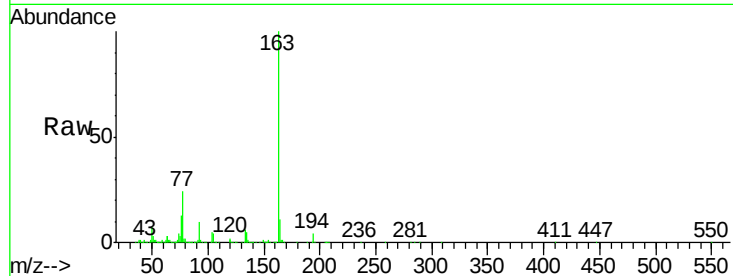
ClientSampleId :

P002-SS004-0206-01

Tgt Ion:	163	Resp:	332482
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	10.7	8.8	13.2

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#69

Phenanthrene

Concen: 5.02 ng/ul

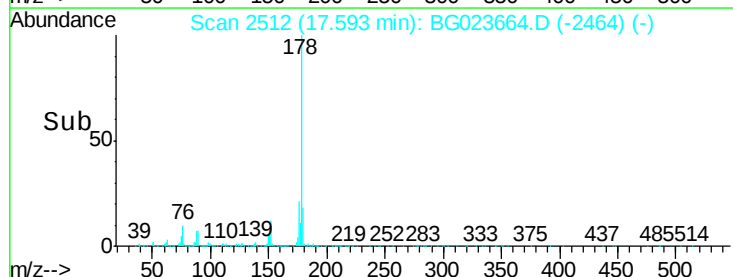
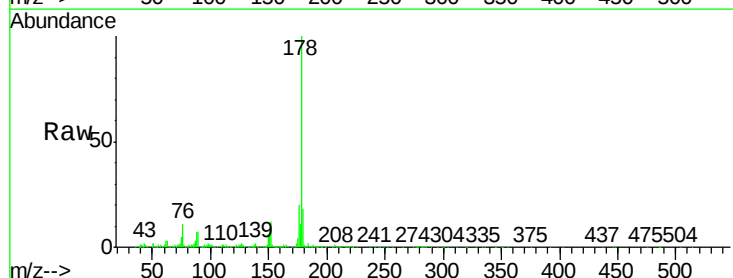
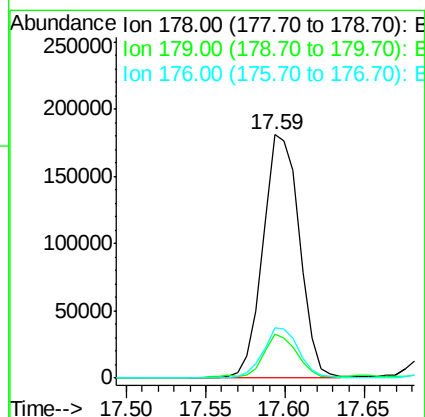
RT: 17.59 min Scan# 2512

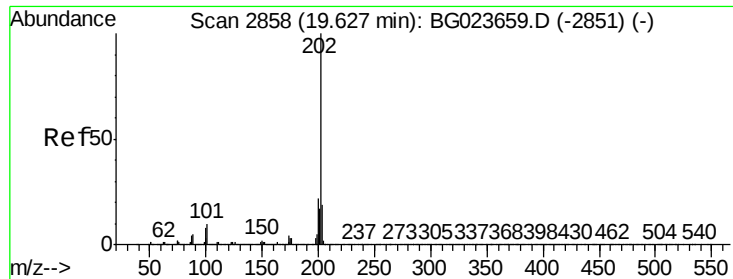
Delta R.T. -0.02 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Tgt Ion:	178	Resp:	289764
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.9	19.3
176	20.5	15.8	23.8





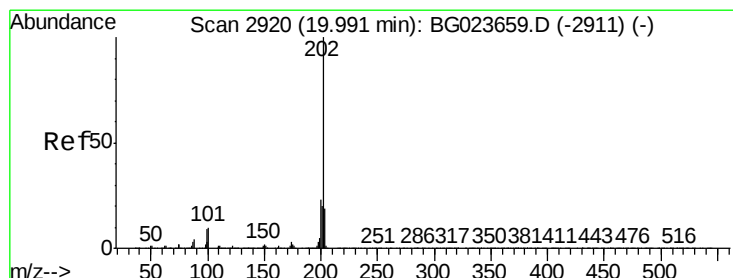
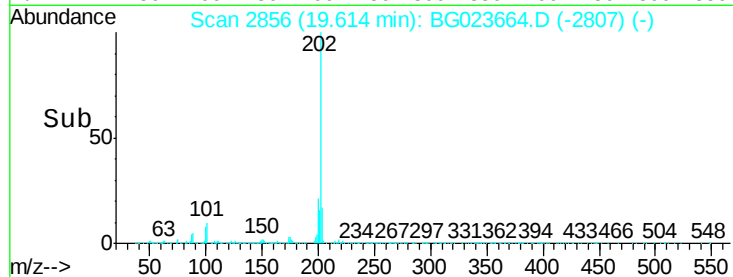
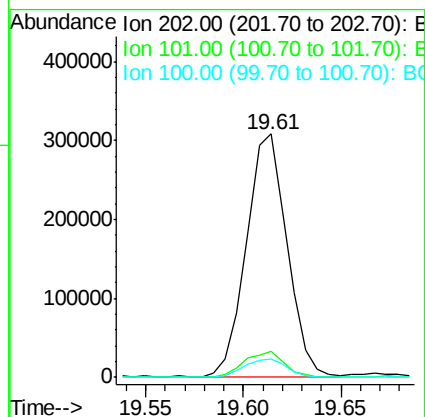
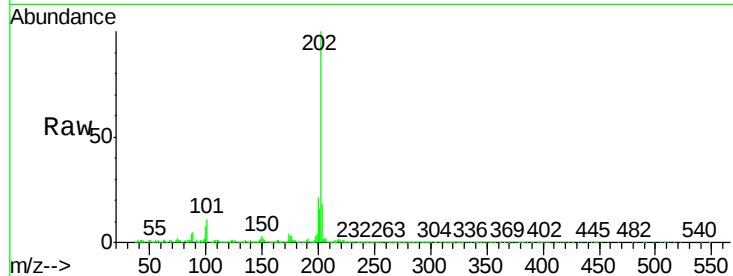
#74
Fluoranthene
Concen: 7.49 ng/ul
RT: 19.61 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BG023664.D
Acq: 12 Aug 2016 20:19

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	10.6	16.0
100	7.8	8.7	13.1

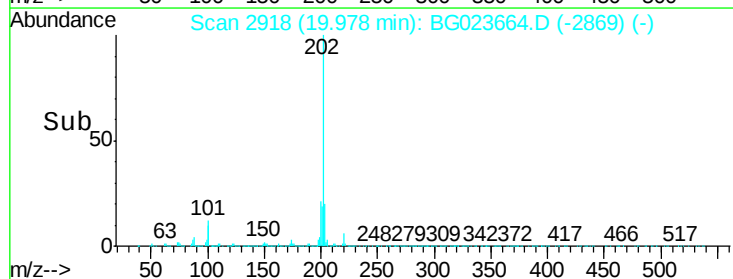
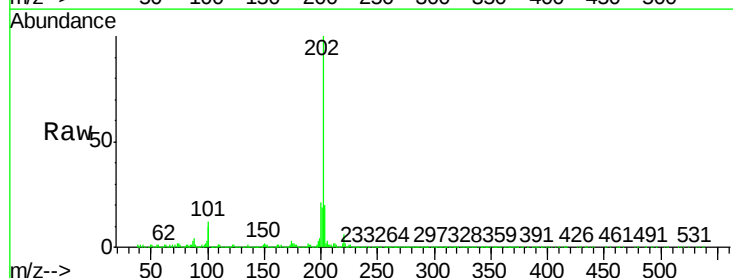
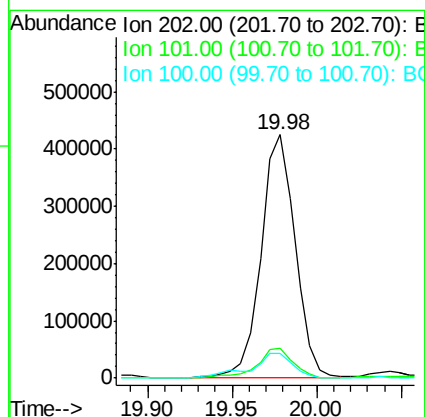
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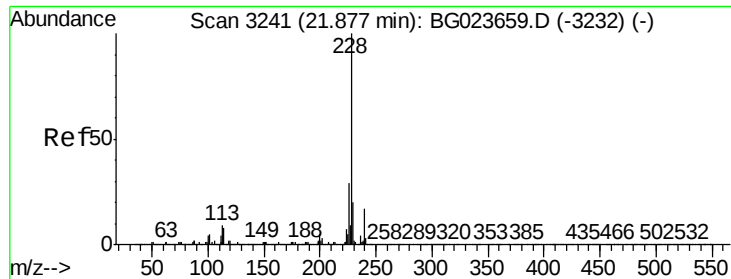
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#77
Pyrene
Concen: 9.17 ng/ul
RT: 19.98 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG023664.D
Acq: 12 Aug 2016 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	12.5	18.7
100	10.3	10.2	15.4





#80

Benzo(a)anthracene

Concen: 4.16 ng/ul m

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Instrument :

BNA_G

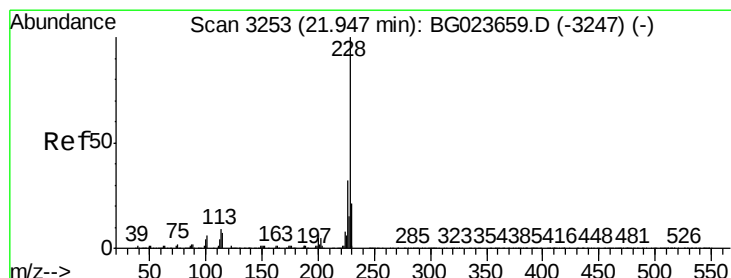
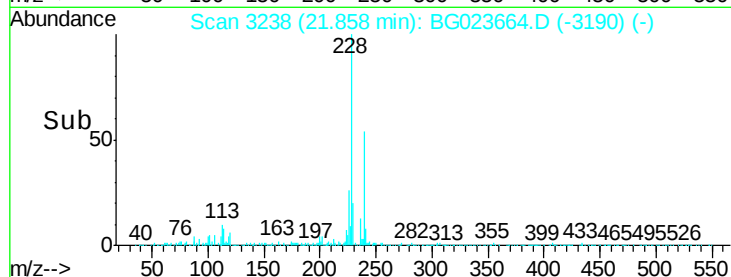
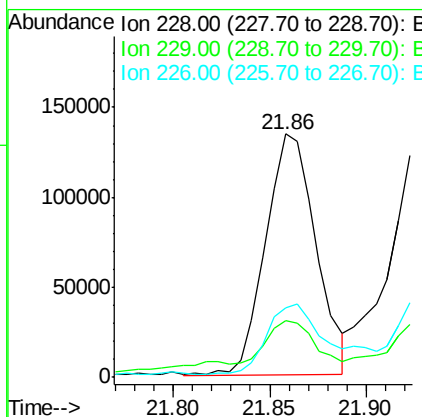
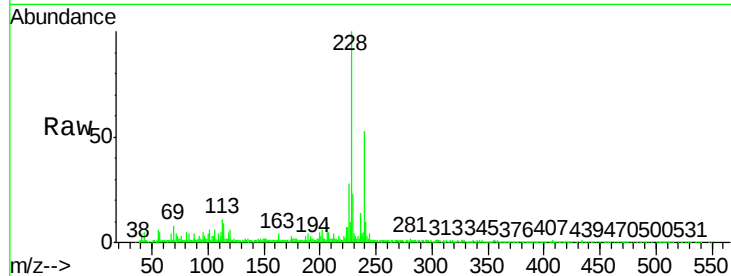
ClientSampleId :

P002-SS004-0206-01

Tgt Ion:	228	Resp:	244214
Ion Ratio		Lower	Upper
228	100		
229	23.2	15.4	23.2#
226	28.4	22.8	34.2

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#82

Chrysene

Concen: 5.28 ng/ul

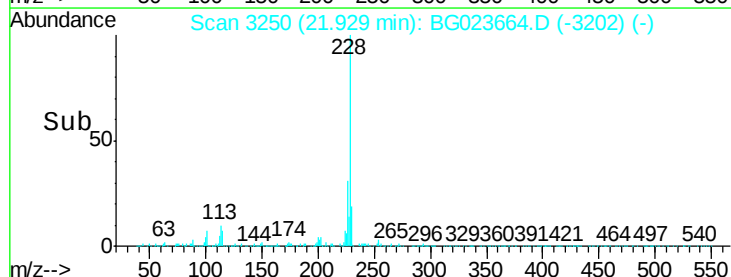
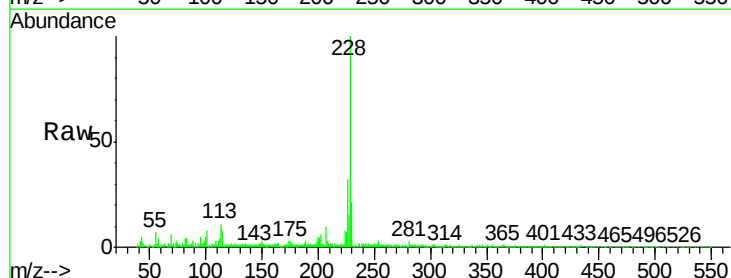
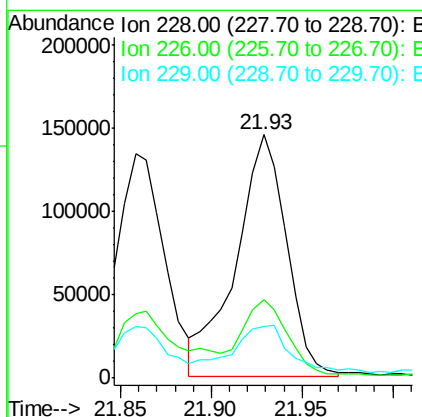
RT: 21.93 min Scan# 3250

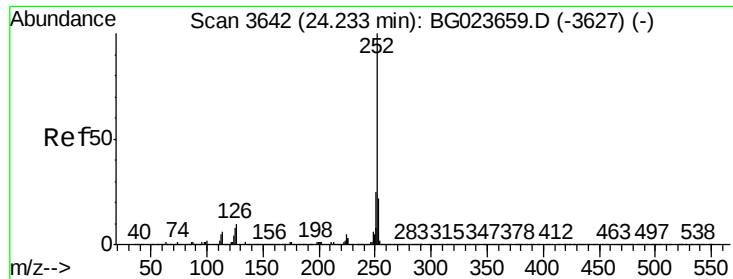
Delta R.T. -0.02 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Tgt Ion:	228	Resp:	281598
Ion Ratio		Lower	Upper
228	100		
226	32.1	24.2	36.4
229	21.0	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 4.50 ng/ul

RT: 24.20 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Instrument :

BNA_G

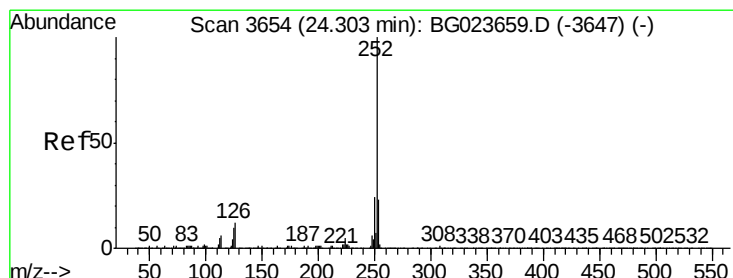
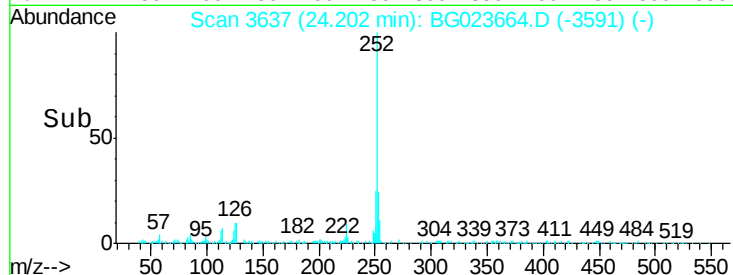
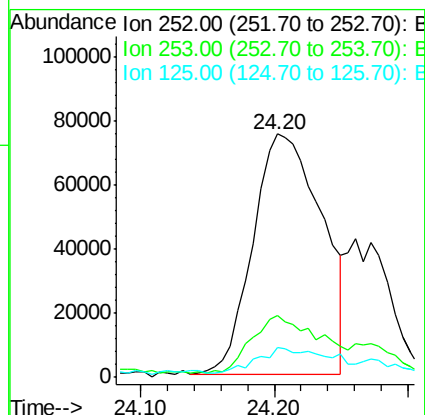
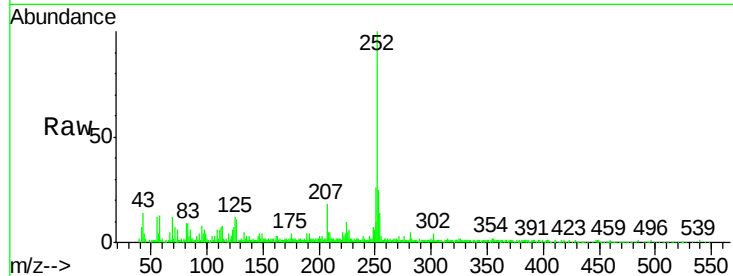
ClientSampleId :

P002-SS004-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	269181		
253	25.2	18.2	27.2	
125	12.0	10.8	16.2	

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#86

Benzo(k)fluoranthene

Concen: 1.63 ng/ul m

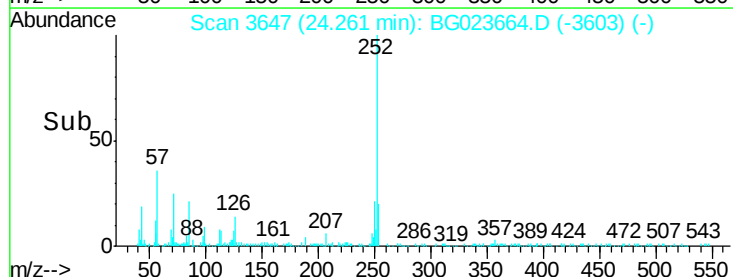
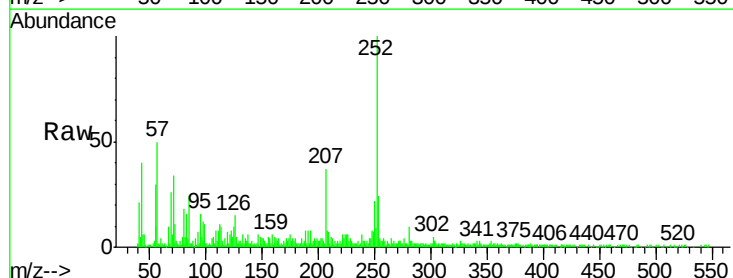
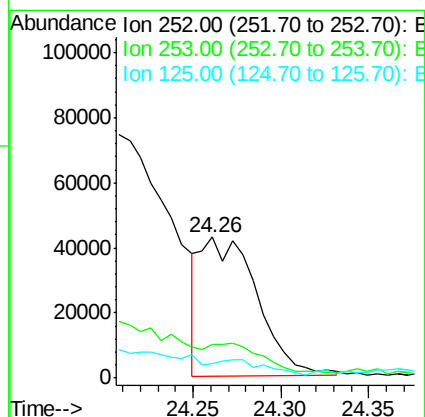
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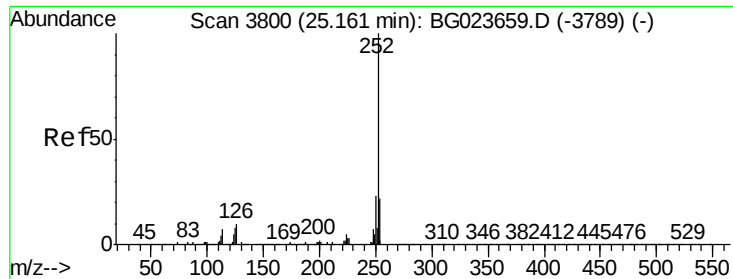
Delta R.T. -0.04 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	96151		
253	24.0	15.8	23.6#	
125	9.8	10.6	16.0#	





#88

Benzo(a)pyrene

Concen: 3.73 ng/ul m

RT: 25.13 min Scan# 3795

Delta R.T. -0.03 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Instrument :

BNA_G

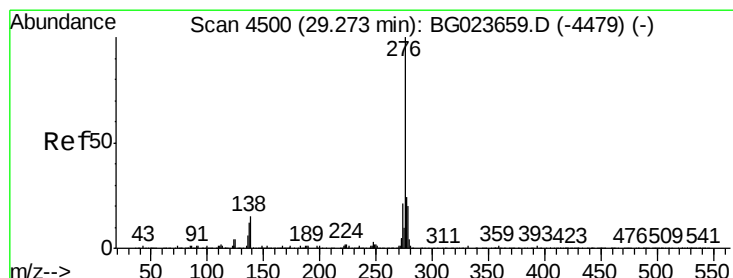
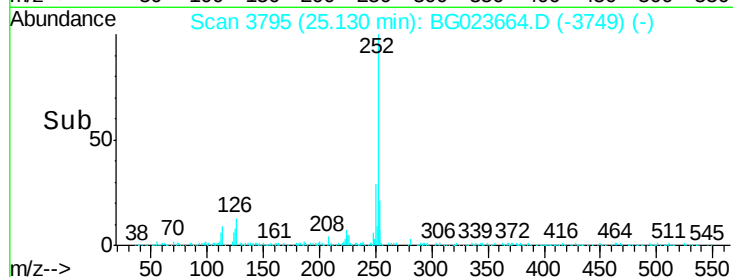
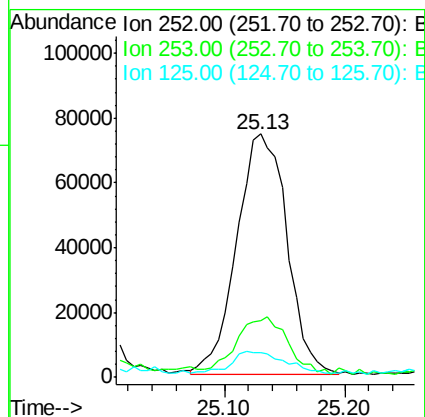
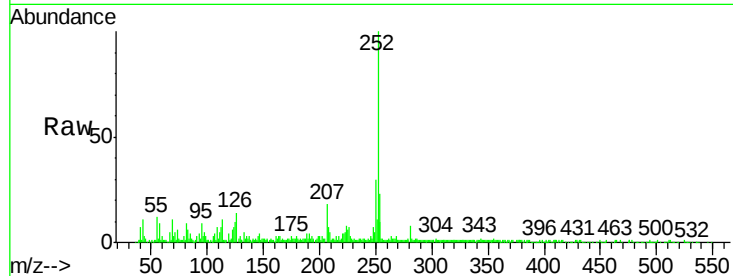
ClientSampleId :

P002-SS004-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	215058		
253	23.3	19.0	28.4	
125	10.2	12.0	18.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.96 ng/ul m

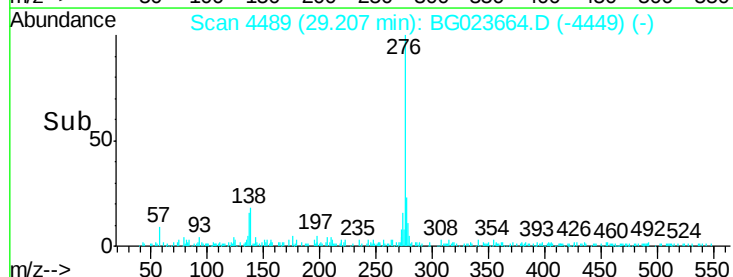
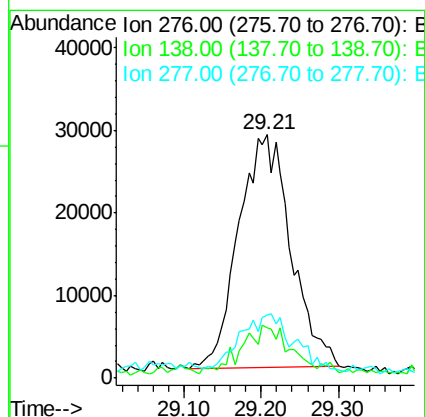
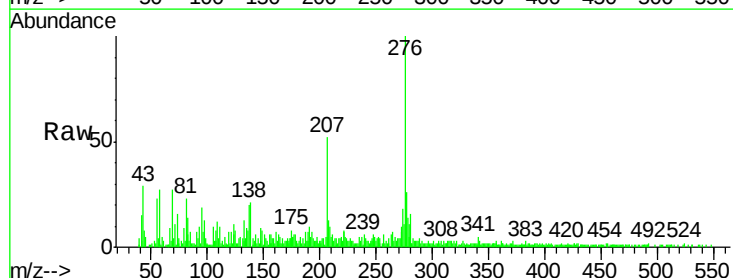
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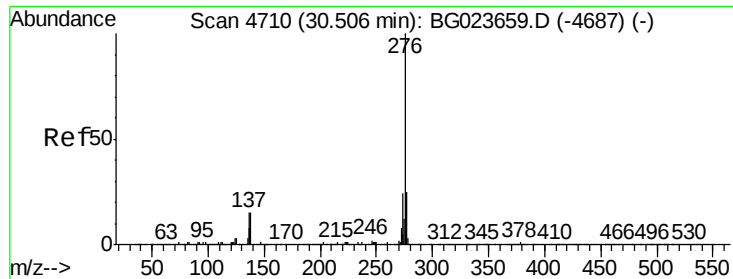
Delta R.T. -0.07 min

Lab File: BG023664.D

Acq: 12 Aug 2016 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	133068		
138	20.5	20.8	31.2	
277	25.8	17.6	26.4	





#91

Benzo(g,h,i)perylene

Concen: 2.35 ng/ul m

RT: 30.43 min Scan# 4697

Delta R.T. -0.08 min

Lab File: BG023664.D

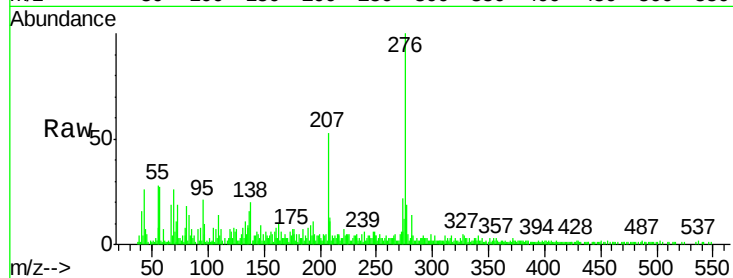
Acq: 12 Aug 2016 20:19

Instrument :

BNA_G

ClientSampleId :

P002-SS004-0206-01



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	20.2	22.1	33.1#	
277	18.8	17.0	25.4	

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