

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023594.D
 Acq On : 10 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4360-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 04:28:40 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	157034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	717891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	502160	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1216382	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1225341	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1213625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3585	0.97	ng/uL	0.00
5) Phenol-d5	7.27	99	169708	10.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	127435	12.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	129849	12.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	108433	8.78	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	65377	11.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	77077	11.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	138796	11.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	88182	6.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	510641	12.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	592497	12.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	63056m	8.98	ng/ul	0.02
57) Fluorene-d10	15.78	176	483391	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	71304	9.14	ng/ul	0.00
70) Anthracene-d10	17.65	188	718510	13.11	ng/ul	0.00
76) Pyrene-d10	19.94	212	800506	12.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	708023	12.89	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	380762	9.35	ng/ul	98
69) Phenanthrene	17.59	178	195558	3.10	ng/ul	98
74) Fluoranthene	19.60	202	378158	5.86	ng/ul#	94
77) Pyrene	19.97	202	430352m	5.68	ng/ul	
80) Benzo(a)anthracene	21.85	228	177014	2.57	ng/ul	96
82) Chrysene	21.92	228	201336	3.21	ng/ul	99
85) Benzo(b)fluoranthene	24.18	252	205174m	2.97	ng/ul	
86) Benzo(k)fluoranthene	24.23	252	82107m	1.21	ng/ul	
88) Benzo(a)pyrene	25.11	252	156291	2.34	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.15	276	100392m	1.28	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	86713m	1.34	ng/ul	

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

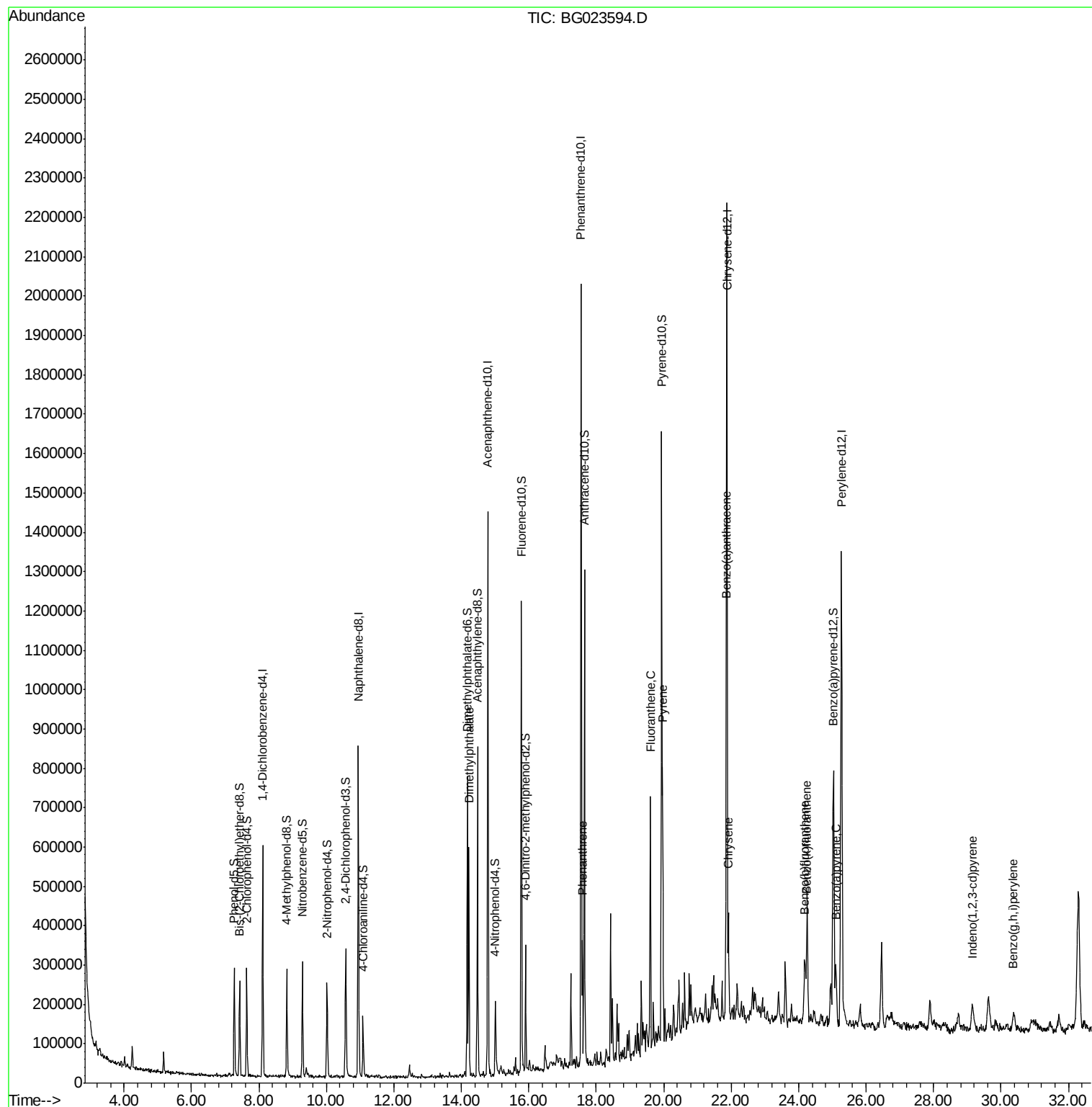
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

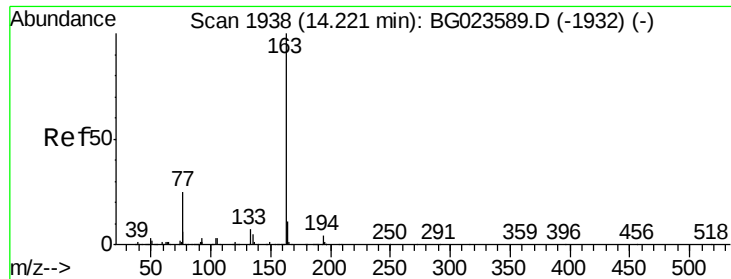
Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

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Response via : Initial Calibration





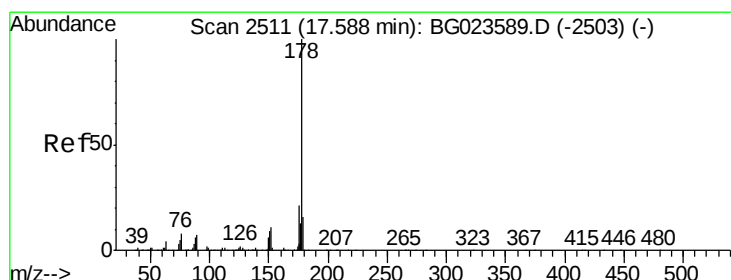
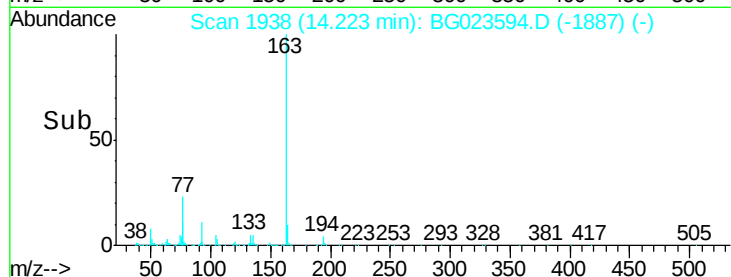
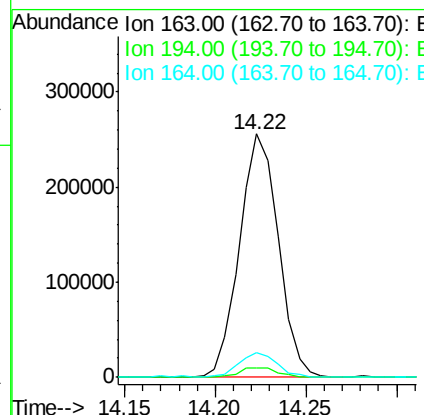
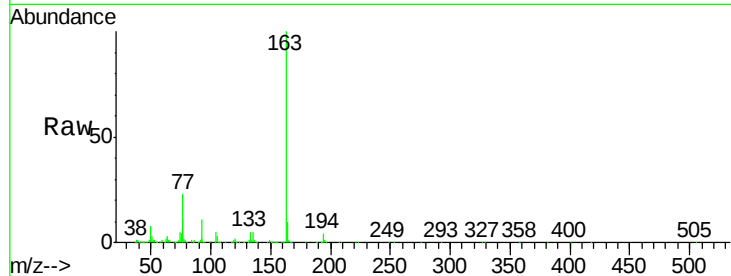
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Dimethylphthalate
Concen: 9.35 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.8	13.2

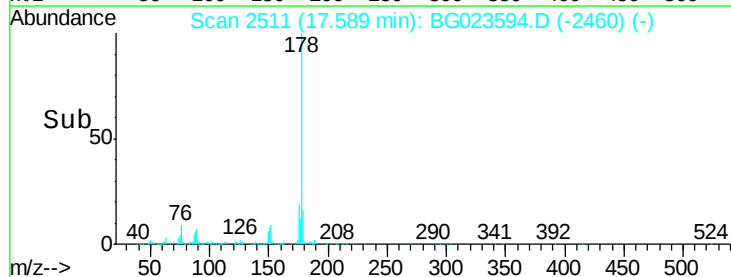
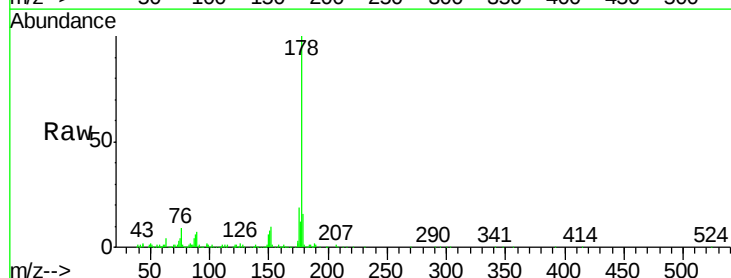
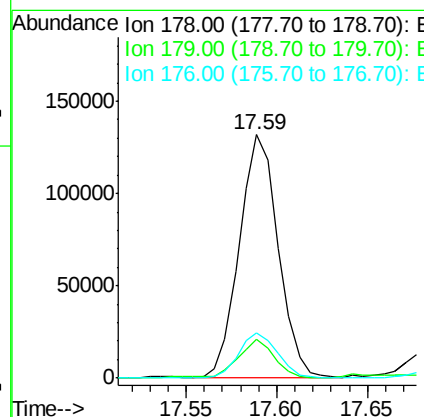
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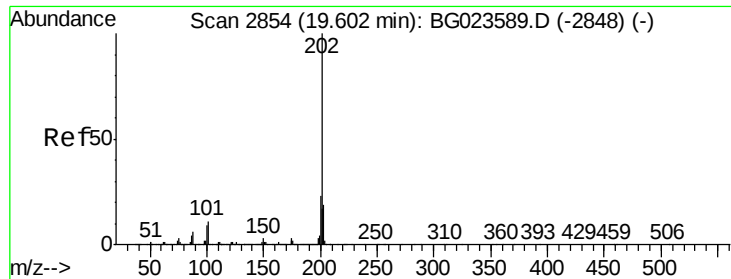
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#69
Phenanthrene
Concen: 3.10 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.9	19.3
176	18.6	15.8	23.8





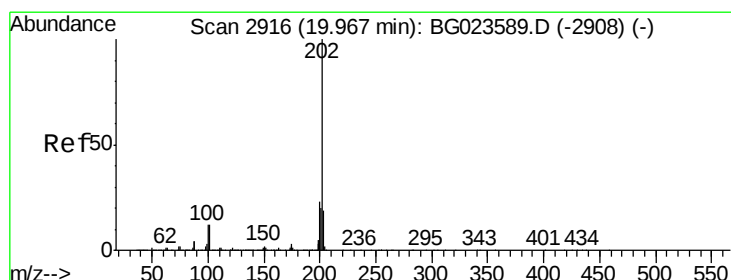
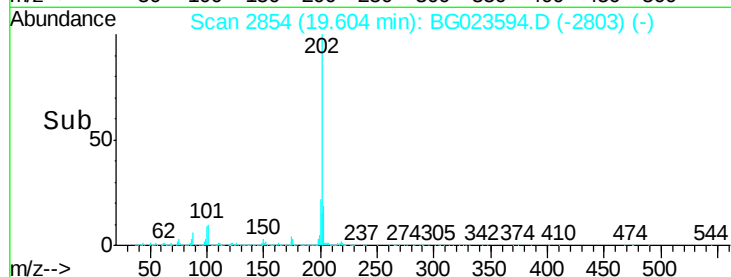
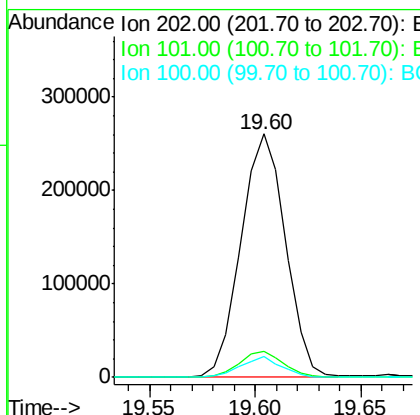
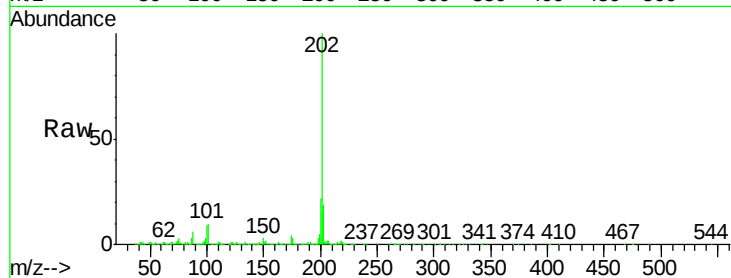
#74
Fluoranthene
Concen: 5.86 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

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

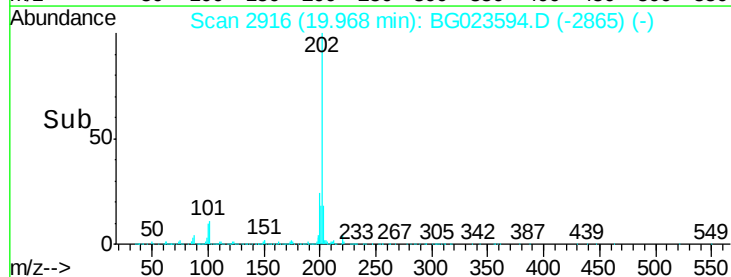
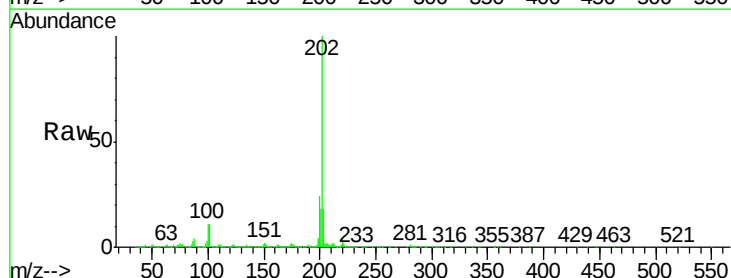
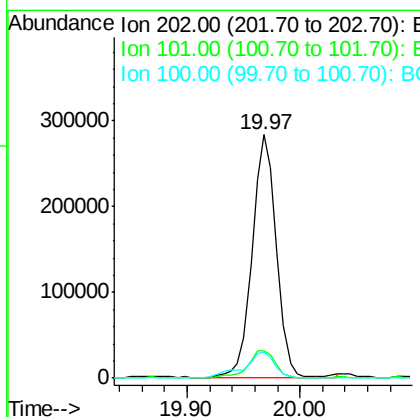
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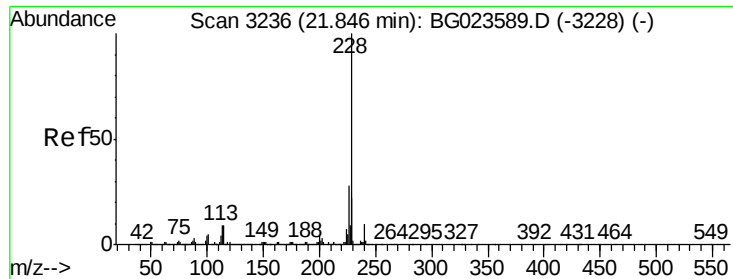
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#77
Pyrene
Concen: 5.68 ng/ul m
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	12.5	18.7#
100	10.6	10.2	15.4





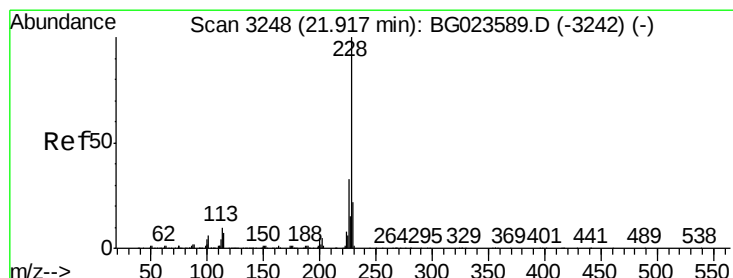
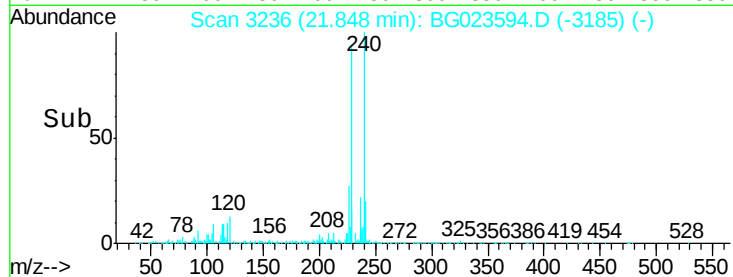
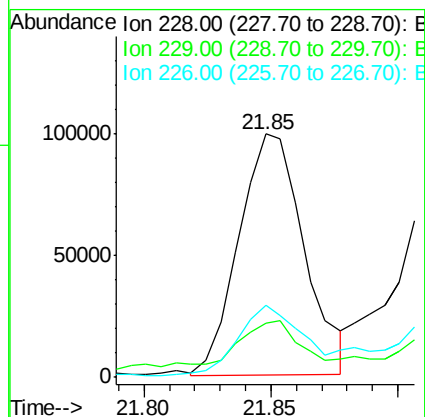
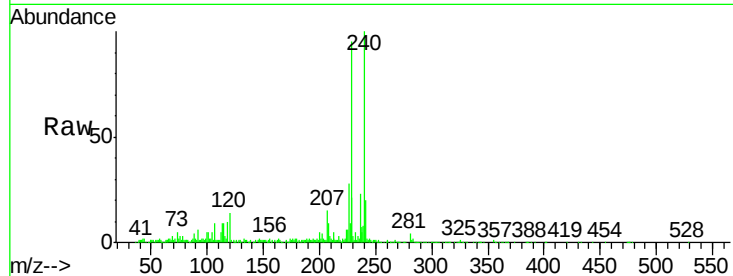
#80
Benzo(a)anthracene
Concen: 2.57 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Tgt Ion:	228	Resp:	177014
Ion Ratio		Lower	Upper
228	100		
229	22.2	15.4	23.2
226	29.6	22.8	34.2

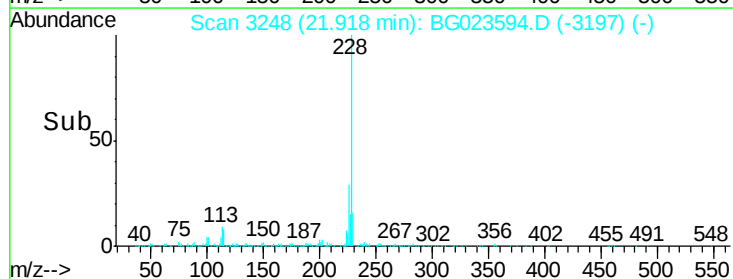
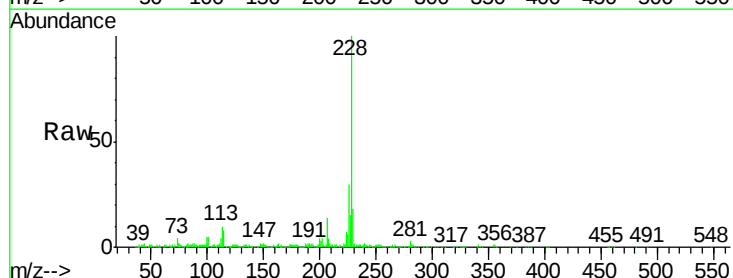
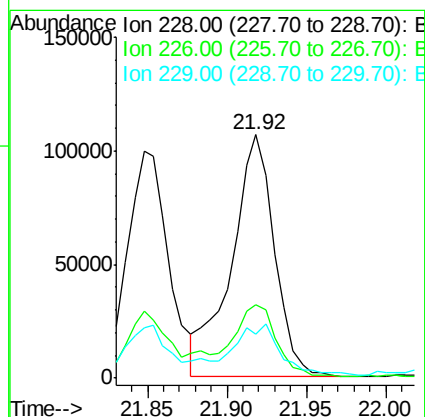
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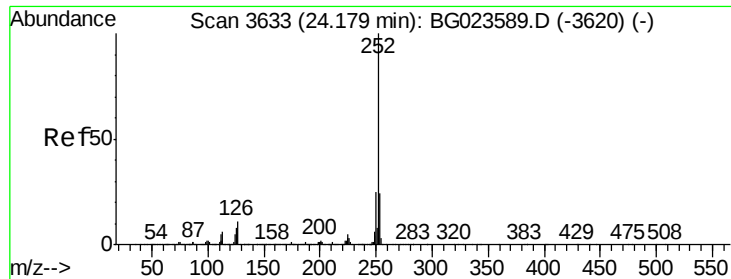
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#82
Chrysene
Concen: 3.21 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion:	228	Resp:	201336
Ion Ratio		Lower	Upper
228	100		
226	29.9	24.2	36.4
229	18.2	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 2.97 ng/ul m

RT: 24.18 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG023594.D

Acq: 10 Aug 2016 16:16

Instrument :

BNA_G

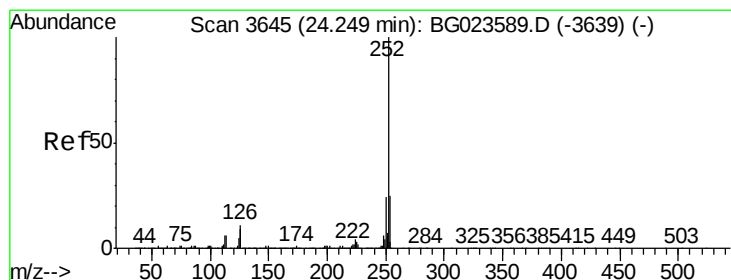
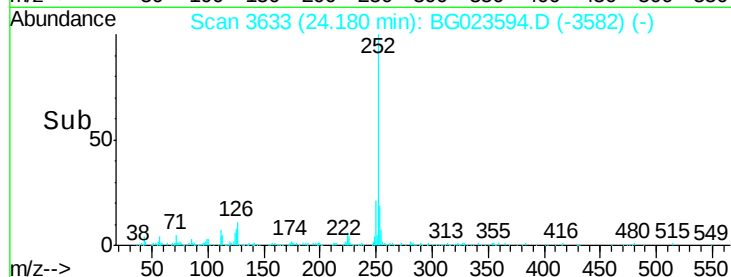
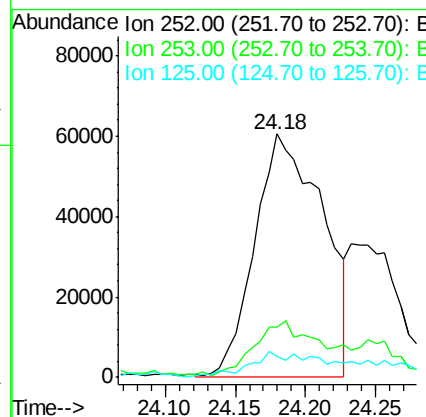
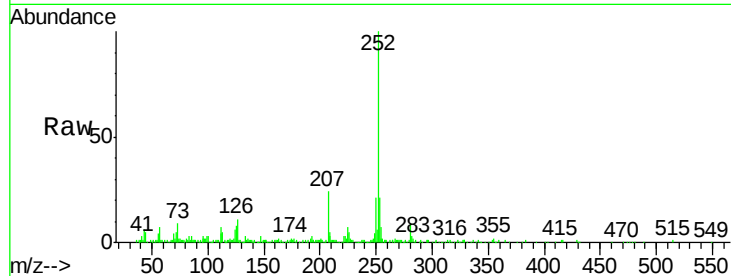
ClientSampleId :

PR001-SS002-0002-01

Tgt Ion:	252	Resp:	205174
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.2	27.2
125	8.5	10.8	16.2#

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#86

Benzo(k)fluoranthene

Concen: 1.21 ng/ul m

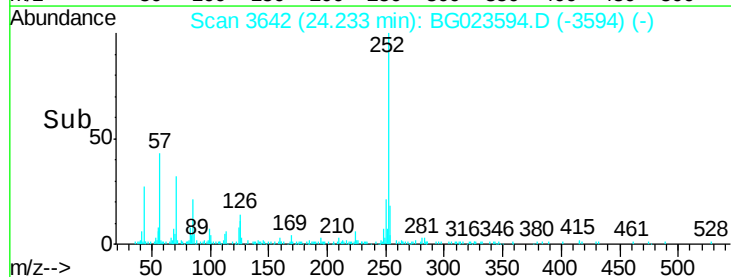
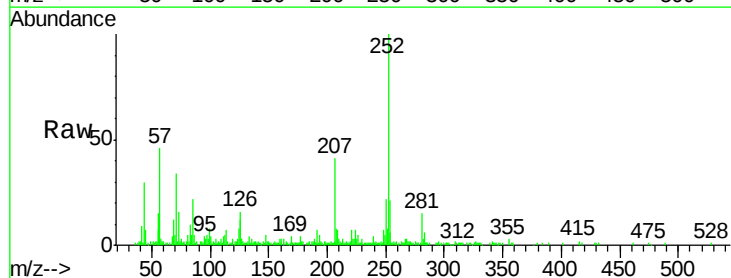
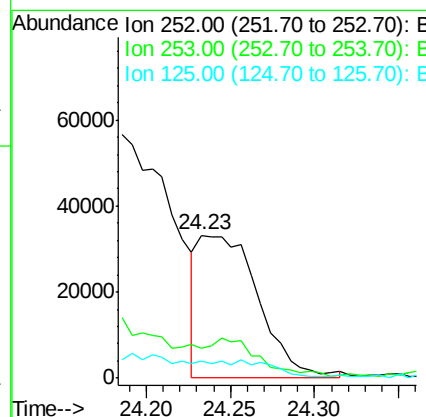
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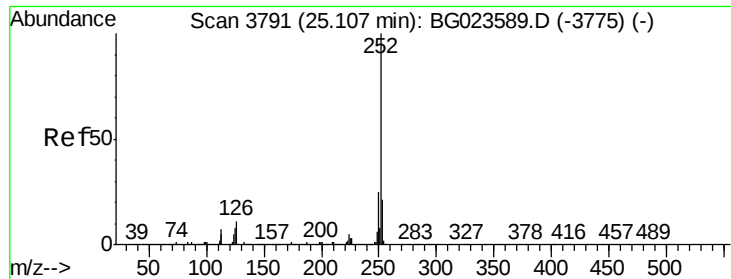
Delta R.T. -0.02 min

Lab File: BG023594.D

Acq: 10 Aug 2016 16:16

Tgt Ion:	252	Resp:	82107
Ion Ratio	Lower	Upper	
252	100		
253	20.8	15.8	23.6
125	11.6	10.6	16.0





#88

Benzo(a)pyrene

Concen: 2.34 ng/ul

RT: 25.11 min Scan# 3791

Delta R.T. 0.00 min

Lab File: BG023594.D

Acq: 10 Aug 2016 16:16

Instrument :

BNA_G

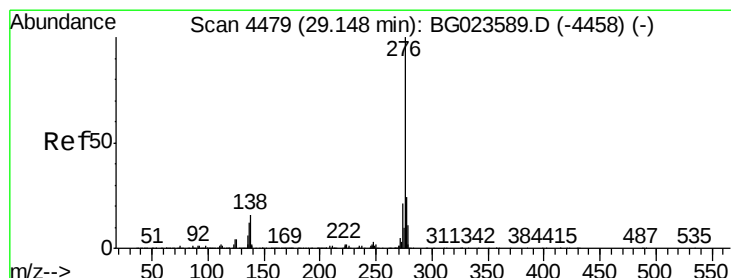
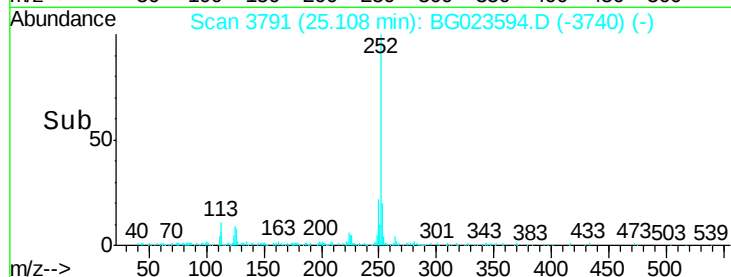
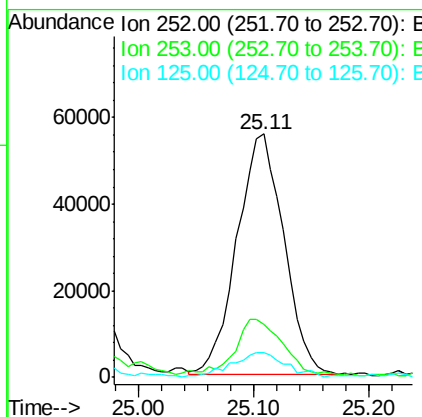
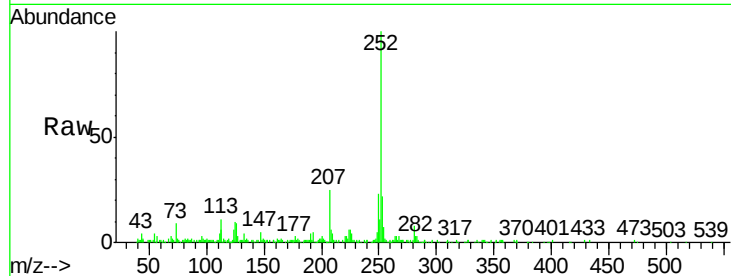
ClientSampleId :

PR001-SS002-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	156291		
253	21.9	19.0	28.4	
125	10.1	12.0	18.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.28 ng/ul m

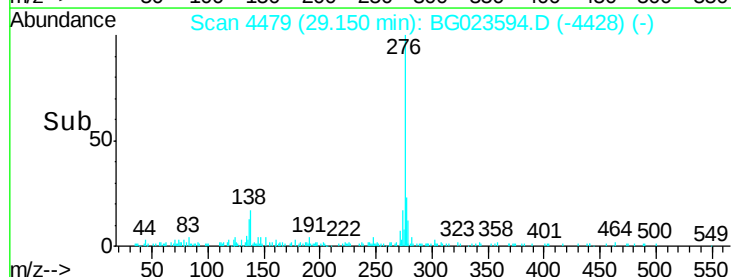
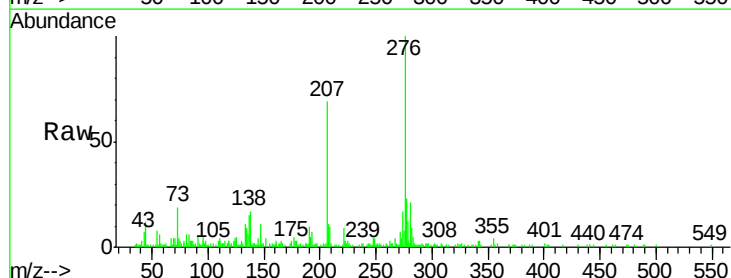
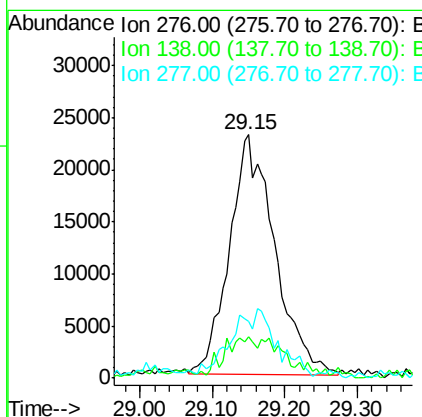
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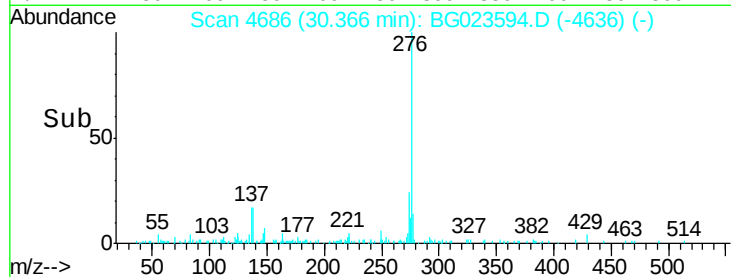
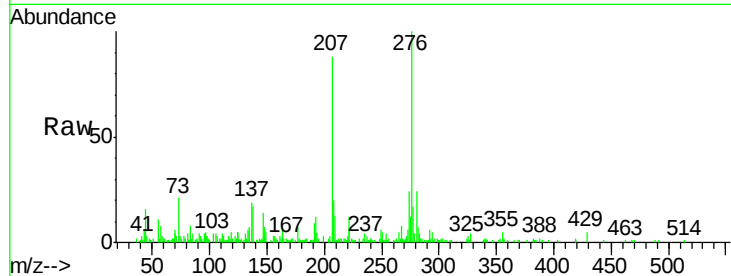
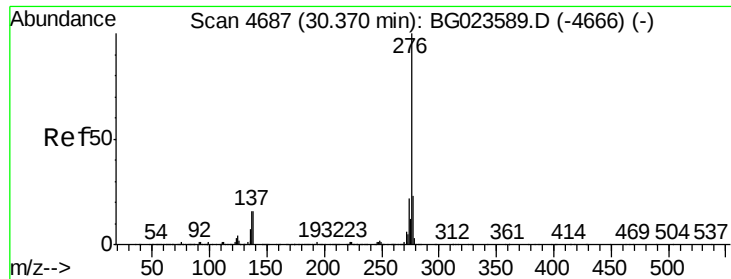
Delta R.T. 0.00 min

Lab File: BG023594.D

Acq: 10 Aug 2016 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	100392		
138	17.0	20.8	31.2	
277	23.0	17.6	26.4	





#91

Benzo(g,h,i)perylene

Concen: 1.34 ng/ul m

RT: 30.37 min Scan# 4686

Delta R.T. -0.00 min

Lab File: BG023594.D

Acq: 10 Aug 2016 16:16

Instrument :

BNA_G

ClientSampleId :

PR001-SS002-0002-01

Tgt Ion:	276	Resp:	86713
Ion Ratio	Lower	Upper	
276	100		
138	16.8	22.1	33.1#
277	17.0	17.0	25.4

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