

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023581.D
 Acq On : 10 Aug 2016 6:56
 Operator : UM/SJ
 Sample : H4362-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-0206-01

Manual Integrations
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Quant Time: Aug 10 07:46:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	179747	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.94	136	828977	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	596012	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1450111	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1428944	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1401717	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8265	1.95	ng/uL	0.00
5) Phenol-d5	7.27	99	346978	19.16	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	251989	21.72	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	249531	20.20	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	243169	17.20	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	139486m	21.35	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	159440	21.25	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	287905	20.34	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	279570	16.83	ng/ul	-0.02
43) Dimethylphthalate-d6	14.17	166	1056055	21.64	ng/ul	-0.01
46) Acenaphthylene-d8	14.47	160	1211623	22.06	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	108198	12.99	ng/ul	0.00
57) Fluorene-d10	15.78	176	983199	21.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	166973	17.95	ng/ul	0.00
70) Anthracene-d10	17.65	188	1484848	22.73	ng/ul	0.00
76) Pyrene-d10	19.94	212	1597008	22.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1423525	22.44	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.30	94	19203	1.02	ng/ul#	60
44) Dimethylphthalate	14.22	163	841782	17.42	ng/ul	99
69) Phenanthrene	17.59	178	190018	2.53	ng/ul	98
74) Fluoranthene	19.60	202	404118	5.26	ng/ul#	93
77) Pyrene	19.97	202	379414	4.30	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	147317	1.83	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.72	149	79305	1.76	ng/ul	95
82) Chrysene	21.92	228	164083	2.24	ng/ul	97
85) Benzo(b)fluoranthene	24.18	252	201535	2.53	ng/ul#	92
86) Benzo(k)fluoranthene	24.24	252	79017	1.01	ng/ul#	82
88) Benzo(a)pyrene	25.10	252	142212	1.85	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.13	276	104945m	1.16	ng/ul	
91) Benzo(g,h,i)perylene	30.36	276	103102m	1.37	ng/ul	

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

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ALS Vial : 26 Sample Multiplier: 1

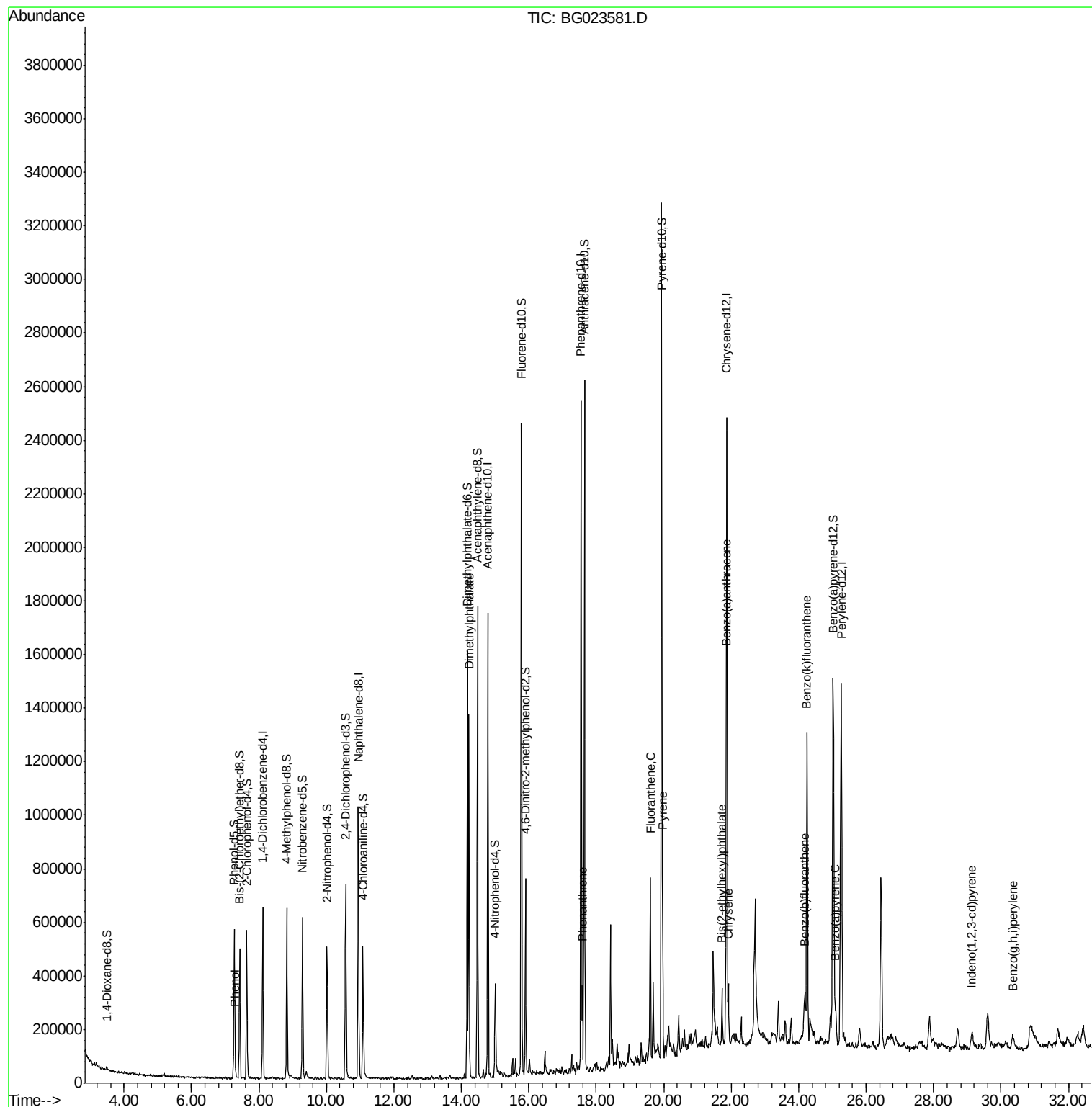
Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0206-01

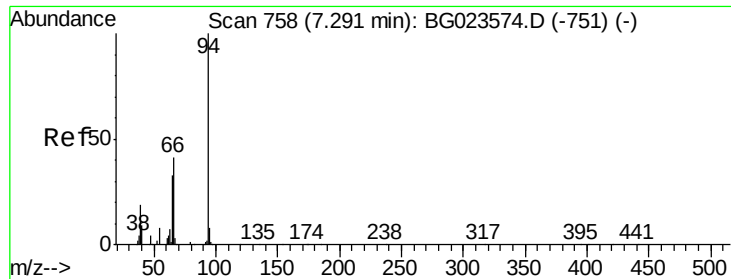
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.02 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.02 min

Lab File: BG023581.D

Acq: 10 Aug 2016 6:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS006-0206-01

Tgt Ion: 94 Resp: 19203

Ion Ratio Lower Upper

94 100

65 28.1 16.8 25.2#

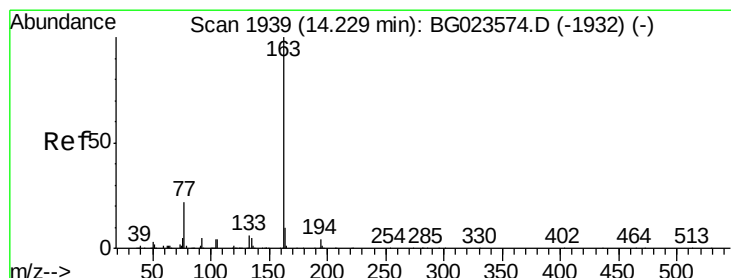
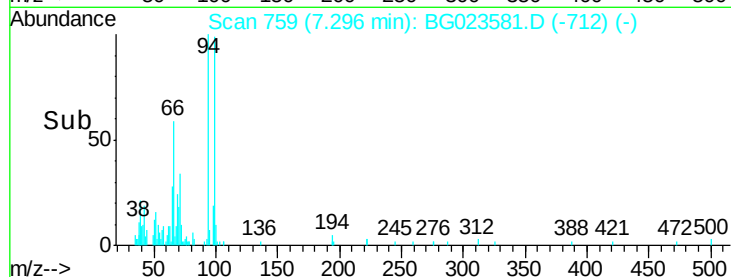
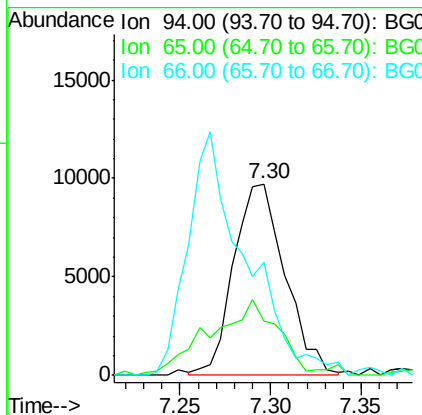
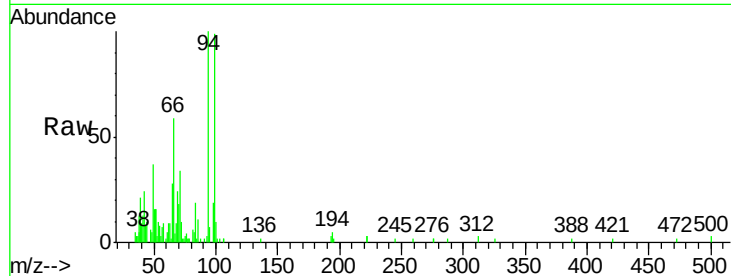
66 58.7 22.6 33.8#

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#44

Dimethylphthalate

Concen: 17.42 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023581.D

Acq: 10 Aug 2016 6:56

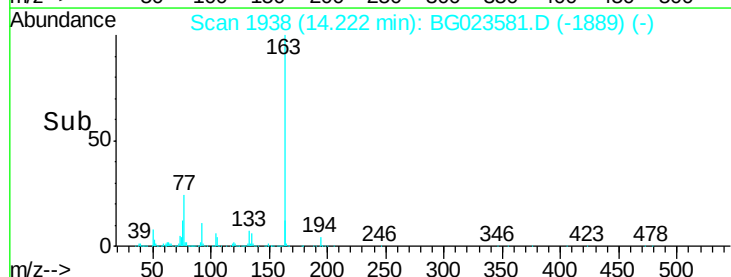
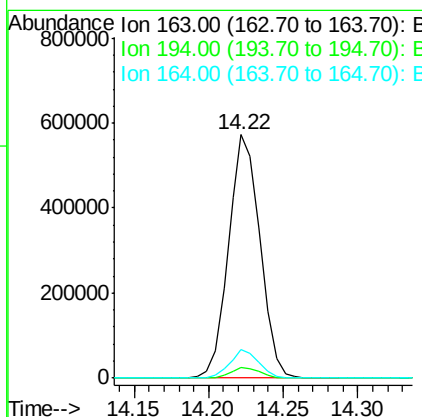
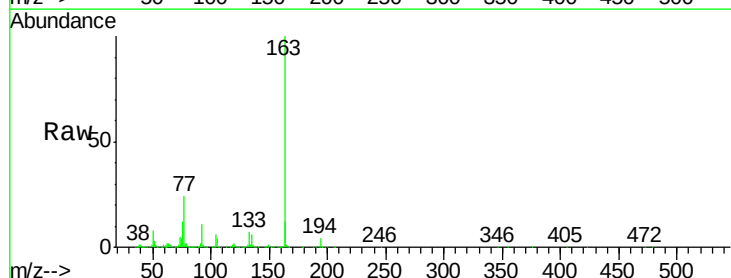
Tgt Ion: 163 Resp: 841782

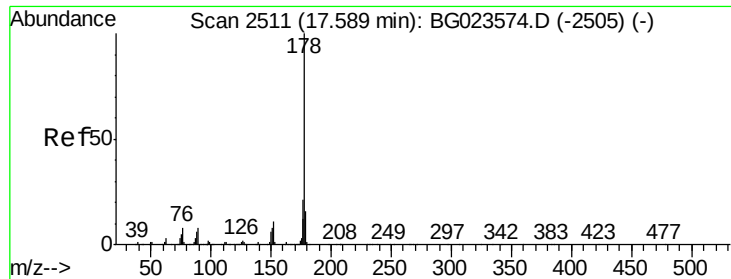
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 11.5 8.8 13.2





#69
Phenanthrene
Concen: 2.53 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023581.D
Acq: 10 Aug 2016 6:56

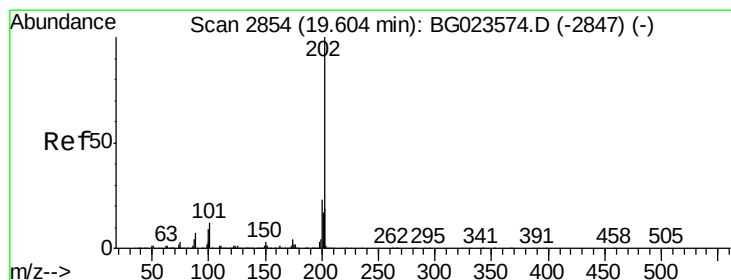
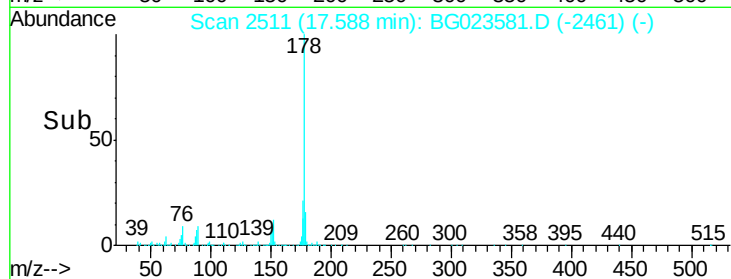
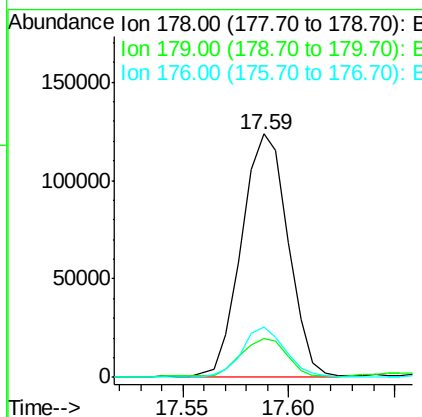
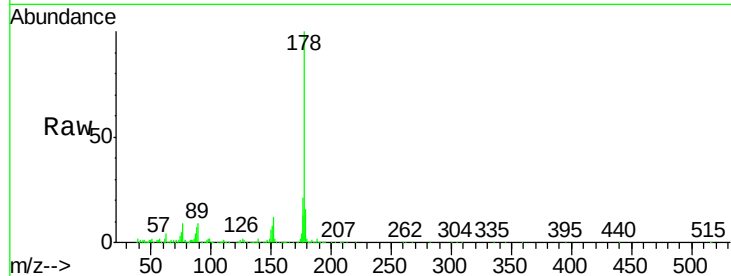
Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0206-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.9	19.3
176	20.9	15.8	23.8

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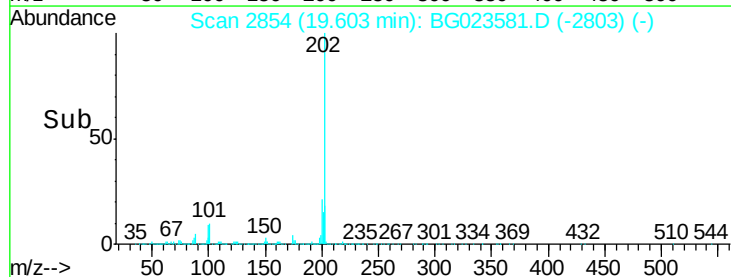
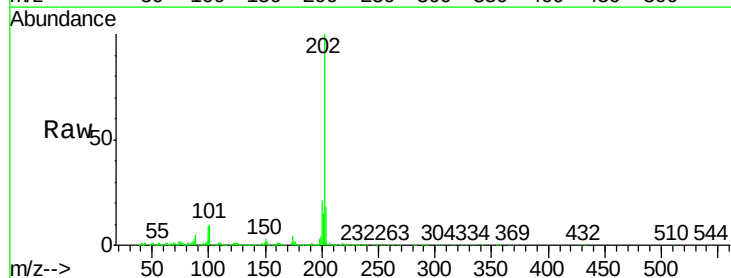
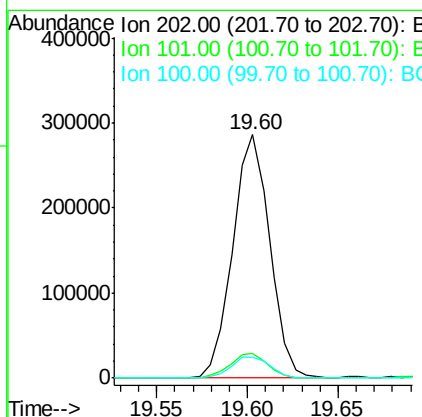
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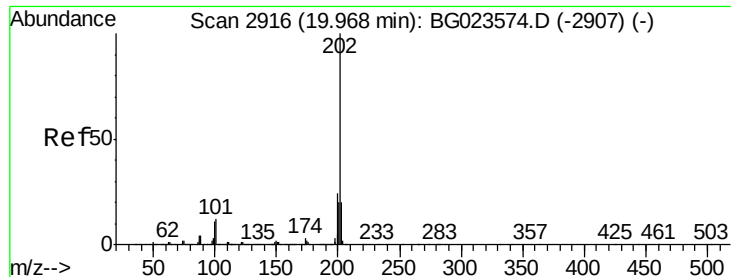
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#74
Fluoranthene
Concen: 5.26 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG023581.D
Acq: 10 Aug 2016 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	10.6	16.0#
100	8.8	8.7	13.1





#77

Pyrene

Concen: 4.30 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG023581.D

Acq: 10 Aug 2016 6:56

Instrument :

BNA_G

ClientSampleId :

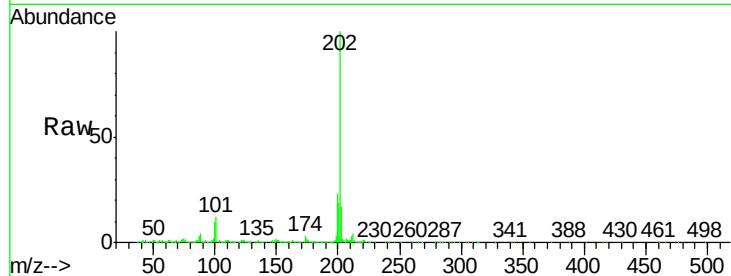
PR001-SS006-0206-01

Tgt Ion:	202	Resp:	379414
Ion Ratio	Lower	Upper	
202	100		
101	11.9	12.5	18.7#
100	9.8	10.2	15.4#

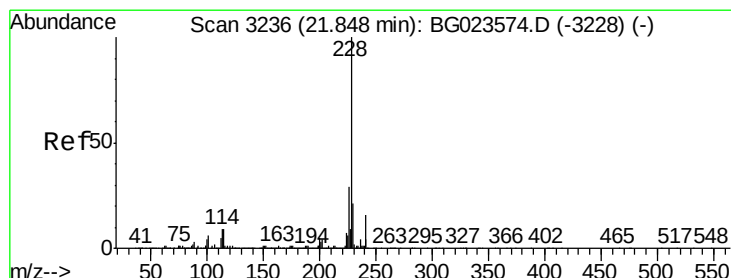
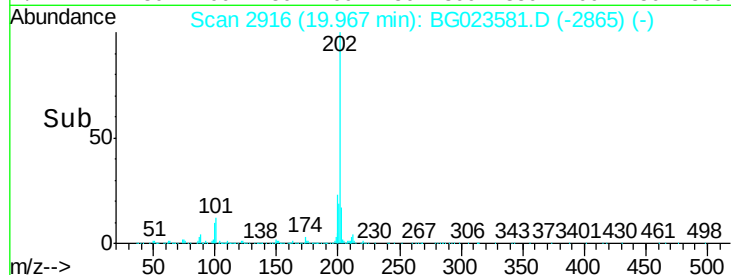
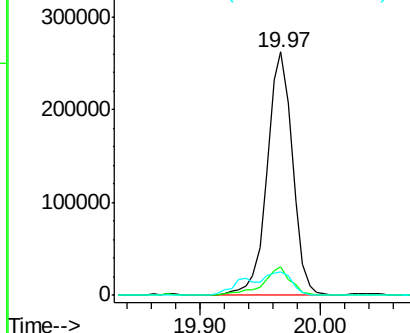
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.83 ng/ul

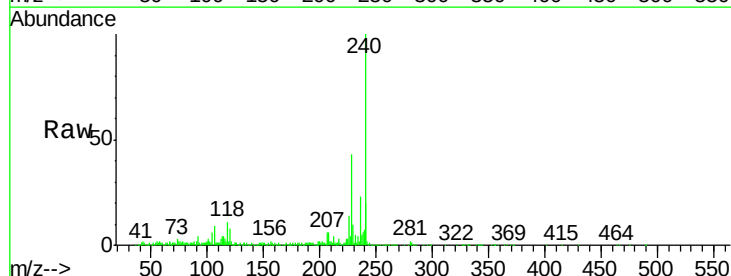
RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

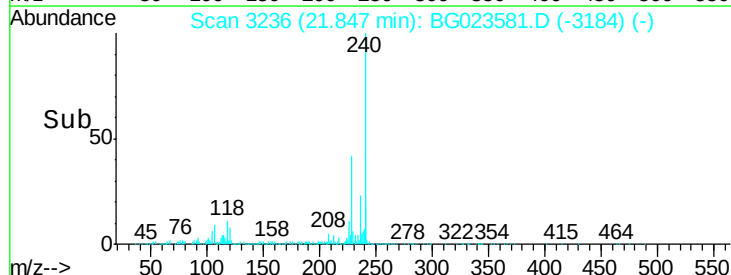
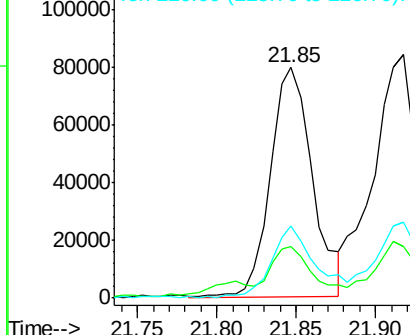
Lab File: BG023581.D

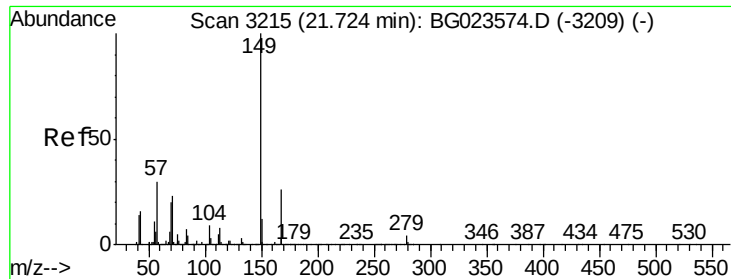
Acq: 10 Aug 2016 6:56

Tgt Ion:	228	Resp:	147317
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.4	23.2
226	31.4	22.8	34.2



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





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.76 ng/ul

RT: 21.72 min Scan# 3215

Delta R.T. -0.00 min

Lab File: BG023581.D

Acq: 10 Aug 2016 6:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS006-0206-01

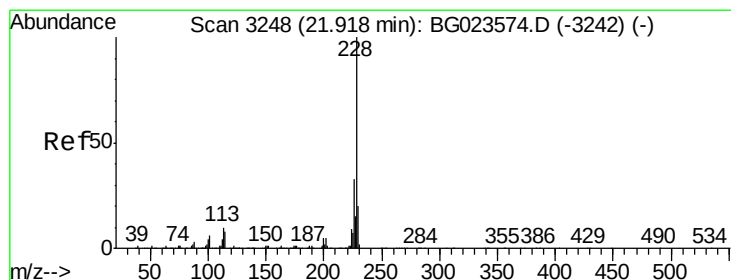
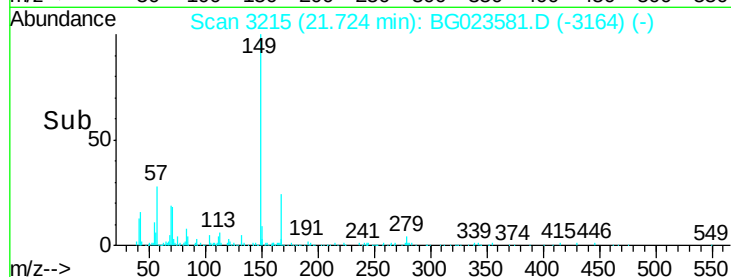
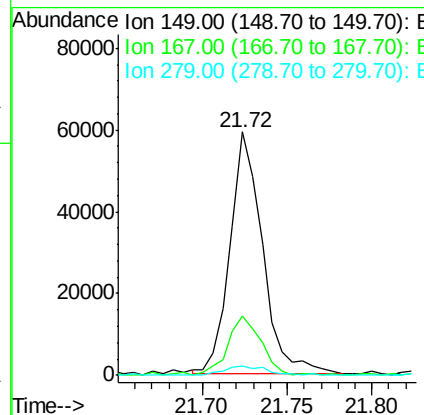
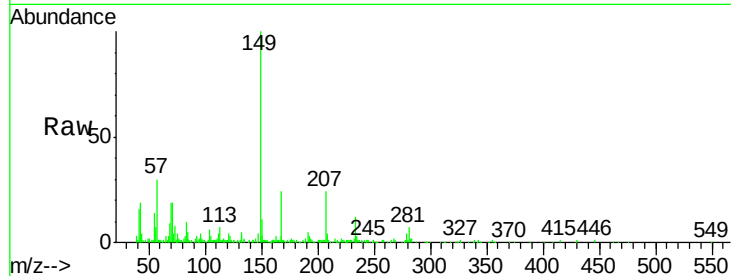
Tgt Ion:	149	Resp:	79305
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.9	32.9
279	4.0	2.9	4.3

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#82

Chrysene

Concen: 2.24 ng/ul

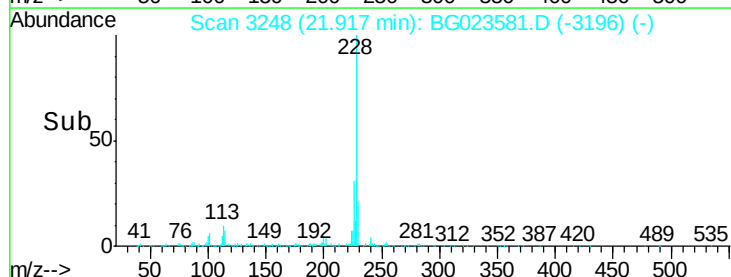
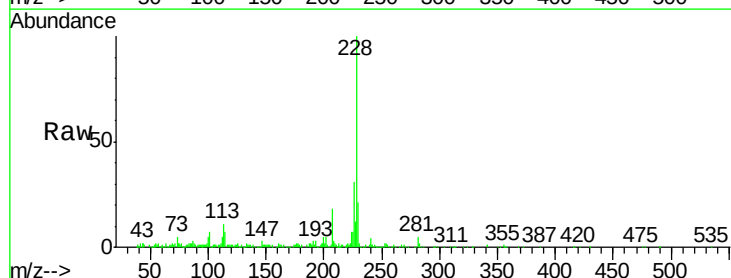
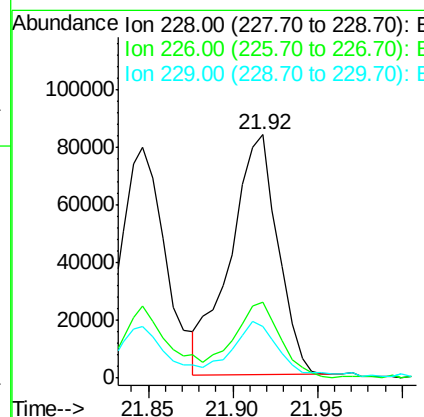
RT: 21.92 min Scan# 3248

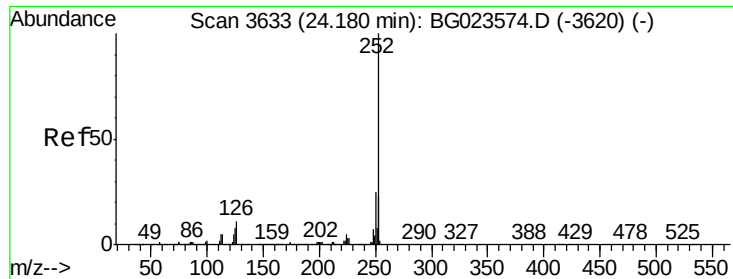
Delta R.T. 0.01 min

Lab File: BG023581.D

Acq: 10 Aug 2016 6:56

Tgt Ion:	228	Resp:	164083
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.2	36.4
229	21.4	15.0	22.6





#85
Benzo(b)fluoranthene
Concen: 2.53 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. 0.02 min
Lab File: BG023581.D
Acq: 10 Aug 2016 6:56

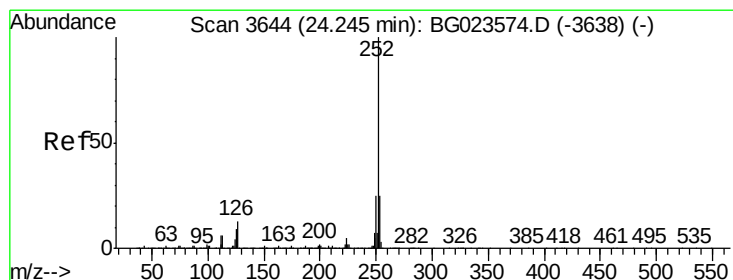
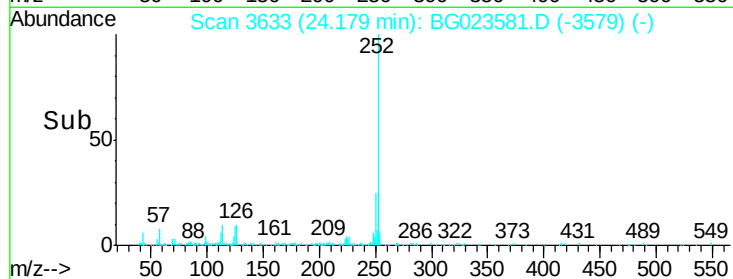
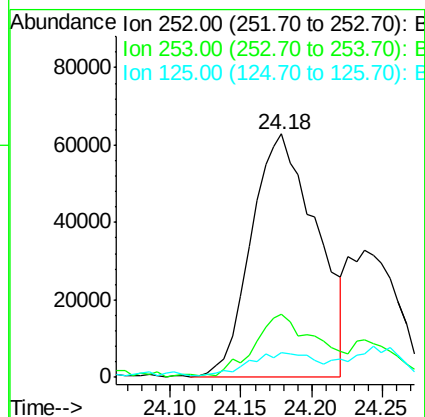
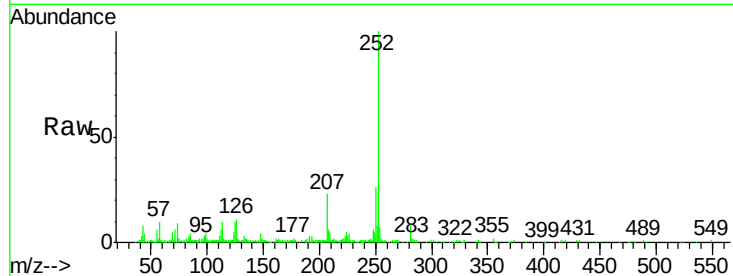
Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0206-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.2	18.2	27.2
125	9.9	10.8	16.2#

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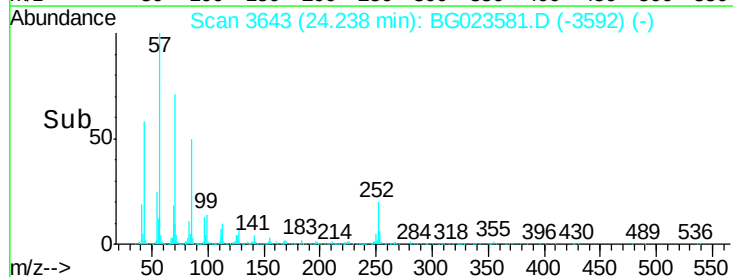
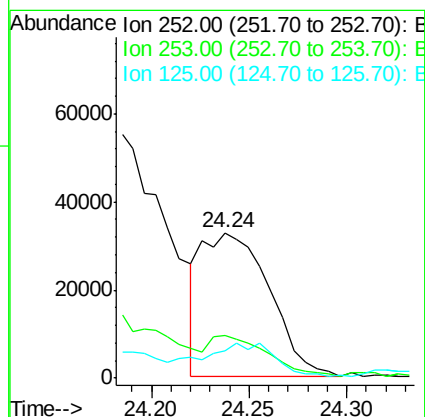
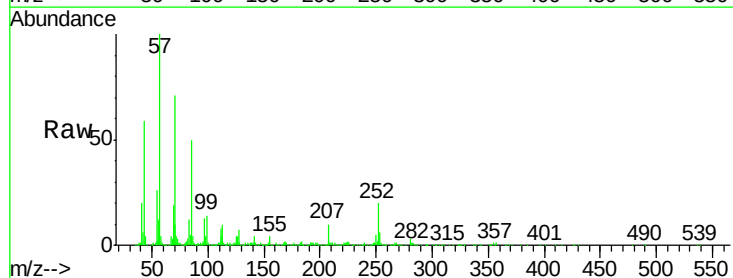
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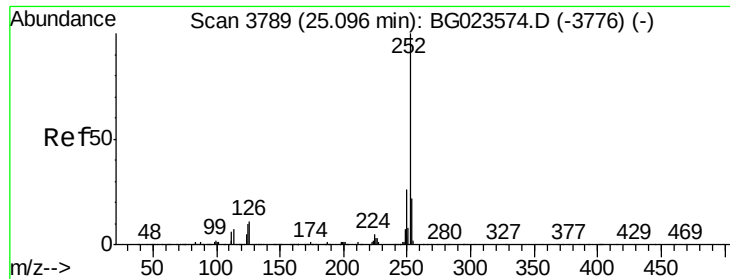
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#86
Benzo(k)fluoranthene
Concen: 1.01 ng/ul
RT: 24.24 min Scan# 3643
Delta R.T. -0.00 min
Lab File: BG023581.D
Acq: 10 Aug 2016 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	29.2	15.8	23.6#
125	18.9	10.6	16.0#





#88
Benzo(a)pyrene
Concen: 1.85 ng/ul
RT: 25.10 min Scan# 3789
Delta R.T. 0.01 min
Lab File: BG023581.D
Acq: 10 Aug 2016 6:56

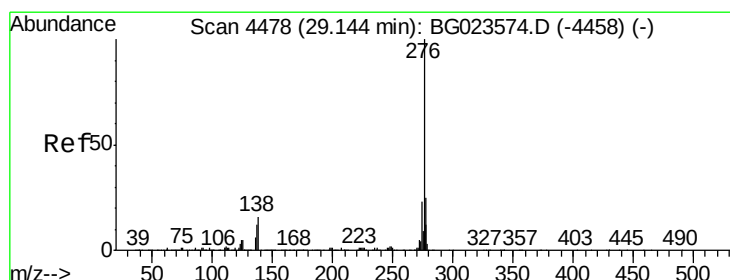
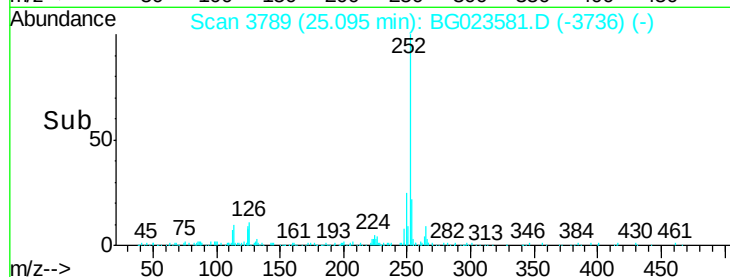
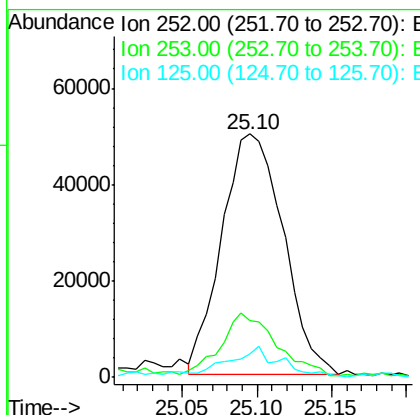
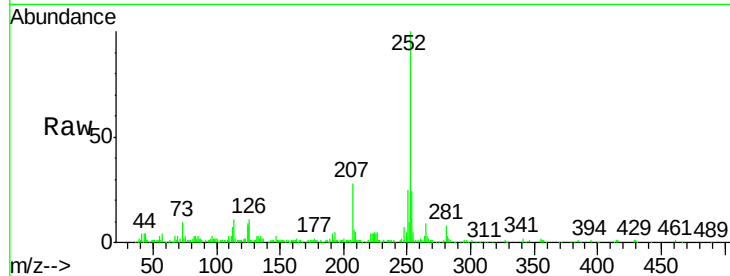
Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0206-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	19.0	28.4
125	9.5	12.0	18.0

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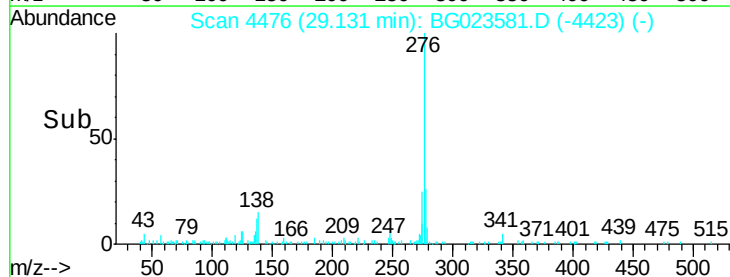
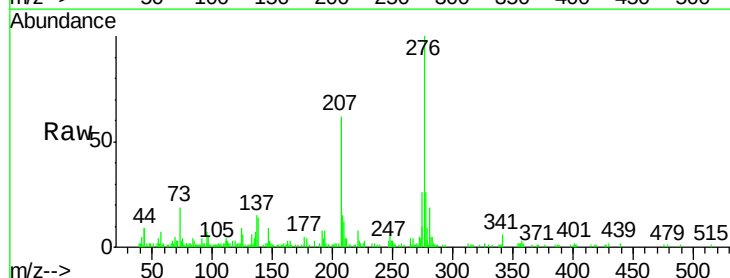
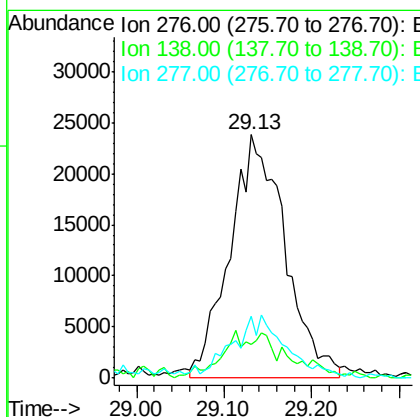
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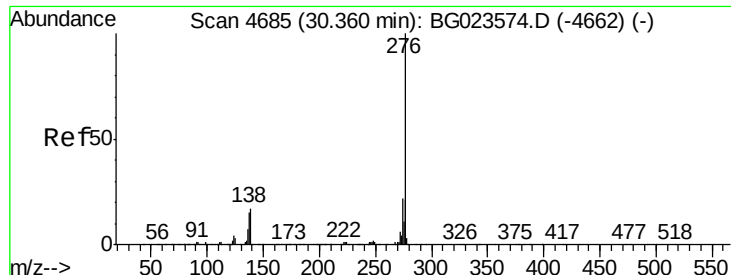
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.16 ng/ul m
RT: 29.13 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG023581.D
Acq: 10 Aug 2016 6:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.1	20.8	31.2
277	25.6	17.6	26.4





#91

Benzo(g,h,i)perylene

Concen: 1.37 ng/ul m

RT: 30.36 min Scan# 4685

Delta R.T. 0.04 min

Lab File: BG023581.D

Acq: 10 Aug 2016 6:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS006-0206-01

Tgt Ion: 276 Resp: 103102

Ion Ratio Lower Upper

276 100

138 19.8 22.1 33.1#

277 20.5 17.0 25.4

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