

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029463.D
 Acq On : 26 Oct 2017 4:36
 Operator : SJ/JU
 Sample : I5792-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D05

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:32:18 PM

Quant Time: Oct 26 15:53:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 23:55:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70425	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	326158	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	219727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	511828	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	536960	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	545473	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13898	8.02	ng/uL	0.00
5) Phenol-d5	7.32	99	269325	39.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	164936	38.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	222482	46.66	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	200328	36.70	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	117103	50.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	138262	57.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	247292	45.24	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	268848	42.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	802044	42.70	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1008513	44.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	75318	21.72	ng/ul	0.00
57) Fluorene-d10	15.77	176	740227	48.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	64251	25.72	ng/ul	0.00
70) Anthracene-d10	17.62	188	1043319	43.10	ng/ul	0.00
76) Pyrene-d10	19.90	212	1214481	43.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	1203059	46.57	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.34	94	30466	4.356	ng/ul 92
44) Dimethylphthalate	14.23	163	40117m	2.189	ng/ul
69) Phenanthrene	17.57	178	207968	7.516	ng/ul 97
74) Fluoranthene	19.56	202	334587	10.820	ng/ul 99
77) Pyrene	19.93	202	461512	12.824	ng/ul 99
80) Benzo(a)anthracene	21.78	228	188278	5.595	ng/ul 96
82) Chrysene	21.84	228	280044m	9.159	ng/ul
85) Benzo(b)fluoranthene	24.06	252	249401	7.616	ng/ul 96
86) Benzo(k)fluoranthene	24.12	252	88536m	2.796	ng/ul
88) Benzo(a)pyrene	24.96	252	195450	6.132	ng/ul 98
89) Indeno(1,2,3-cd)pyrene	28.90	276	127802	3.544	ng/ul 96
90) Dibenzo(a,h)anthracene	28.95	278	37366	1.247	ng/ul# 81
91) Benzo(g,h,i)perylene	30.09	276	123584	4.134	ng/ul# 96

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

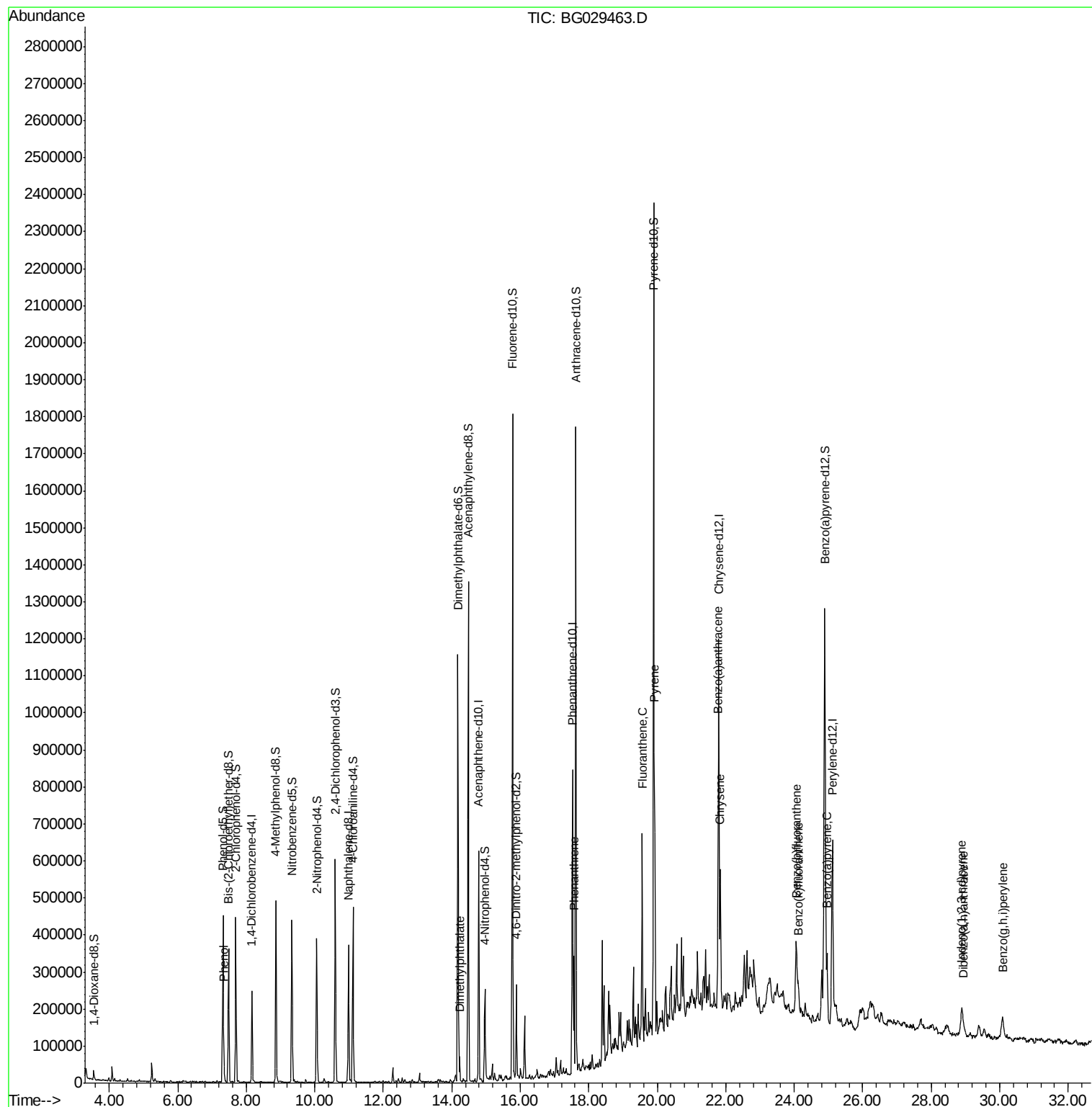
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029463.D
Acq On : 26 Oct 2017 4:36
Operator : SJ/JU
Sample : I5792-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

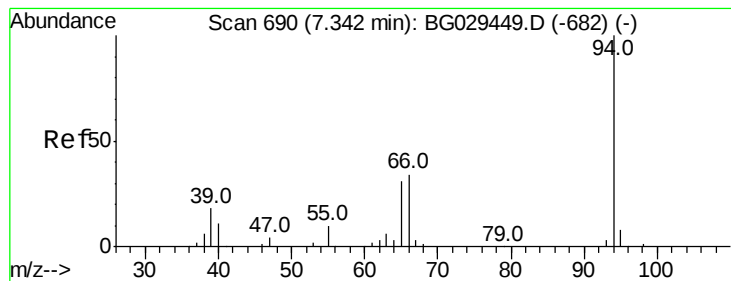
Instrument :
BNA_G
ClientSampled :
B0D05

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Quant Time: Oct 26 15:53:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration





#6

Phenol

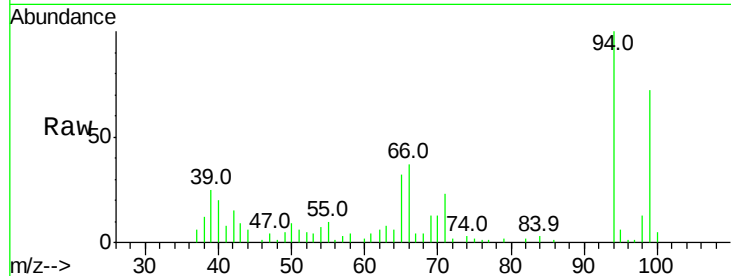
Concen: 4.356 ng/ul
 RT: 7.34 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BG029463.D
 Acq: 26 Oct 2017 4:36

Instrument :
 BNA_G
 ClientSampled :
 B0D05

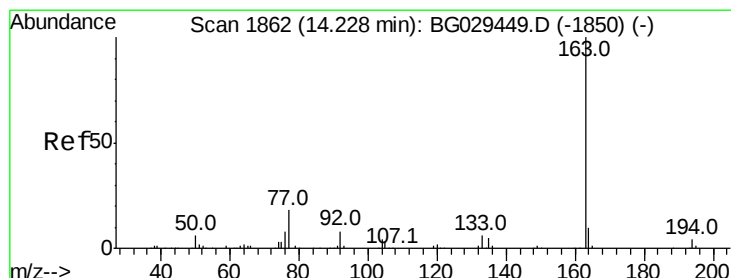
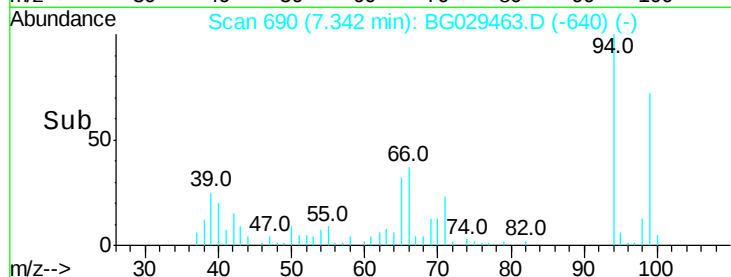
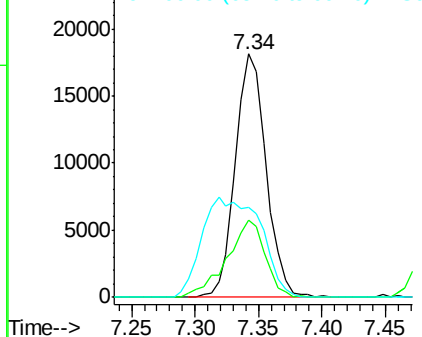
Tot Ion	Ratio	Lower	Upper
94	100		
65	31.5	27.1	40.7
66	36.8	34.6	52.0

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Abundance Ion 94.00 (93.70 to 94.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC

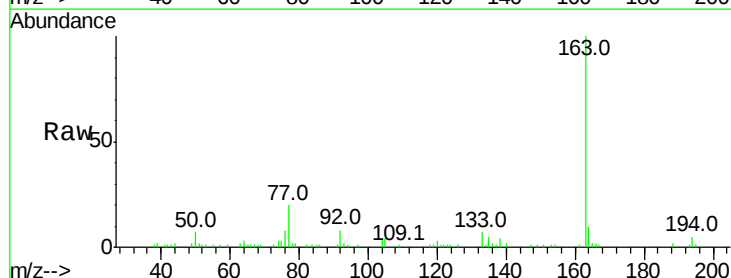


#44

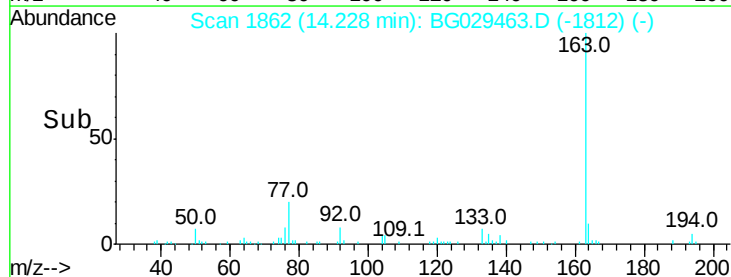
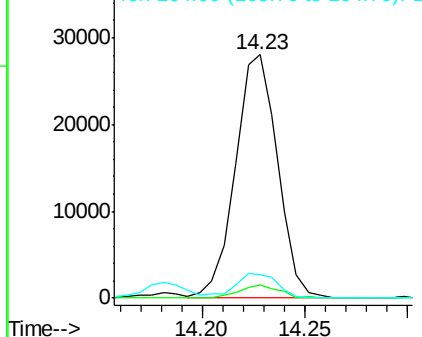
Dimethylphthalate

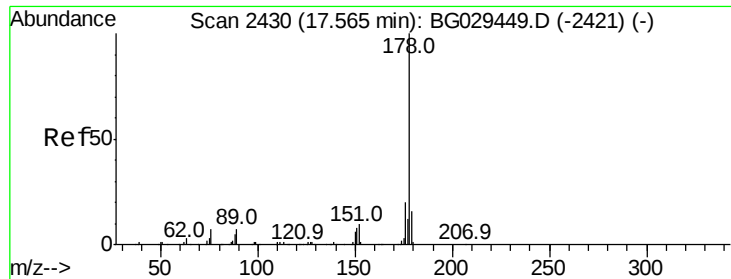
Concen: 2.189 ng/ul m
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029463.D
 Acq: 26 Oct 2017 4:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.5	5.3#
164	9.8	7.6	11.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





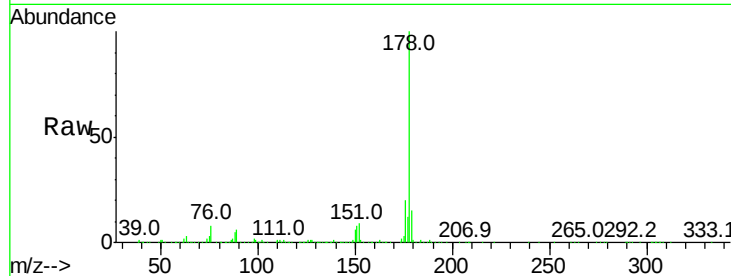
#69
 Phenanthrene
 Concen: 7.516 ng/ul
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029463.D
 Acq: 26 Oct 2017 4:36

Instrument :
 BNA_G
 ClientSampleId :
 B0D05

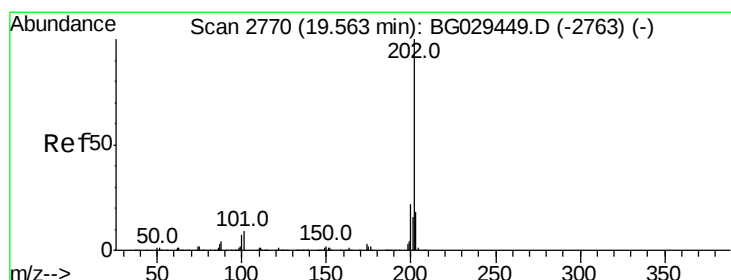
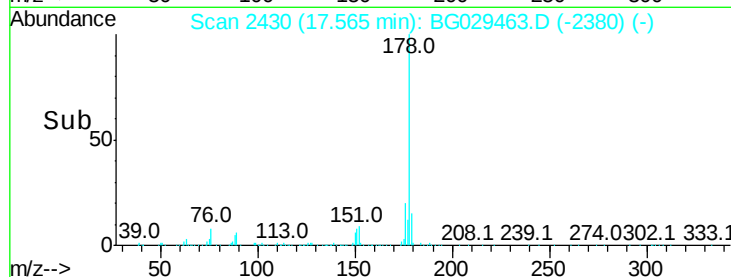
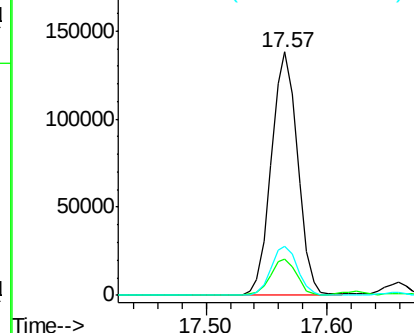
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.0	19.6
176	20.2	15.3	22.9

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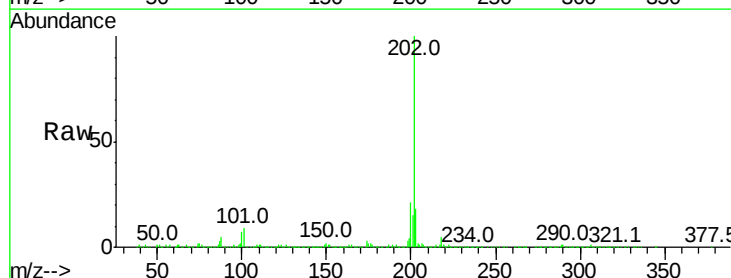


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

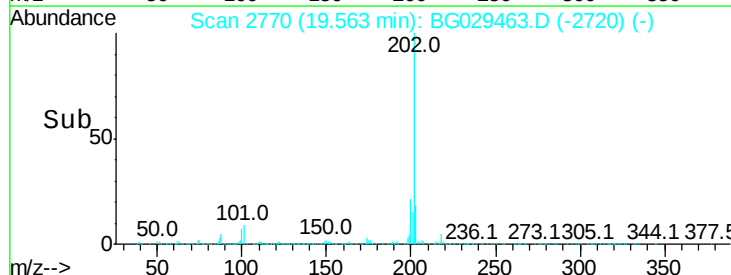
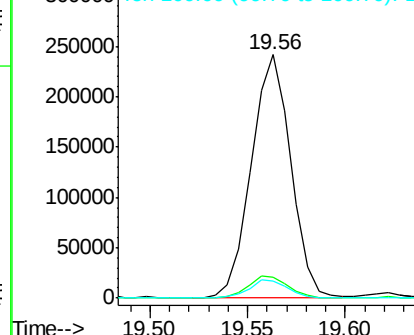


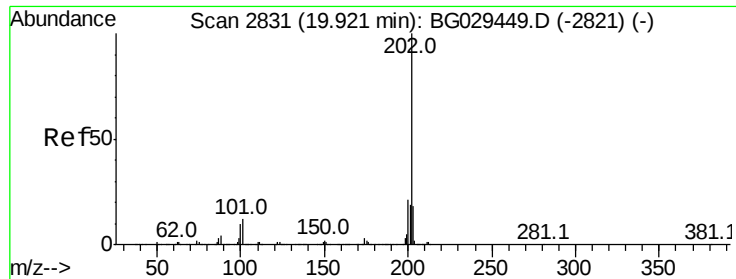
#74
 Fluoranthene
 Concen: 10.820 ng/ul
 RT: 19.56 min Scan# 2770
 Delta R.T. -0.01 min
 Lab File: BG029463.D
 Acq: 26 Oct 2017 4:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.4	11.2
100	7.1	5.6	8.4



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





#77

Pvrene

Concen: 12.824 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029463.D

Acq: 26 Oct 2017 4:36

Instrument :

BNA_G

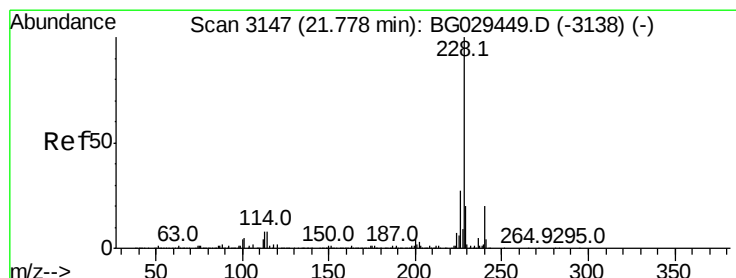
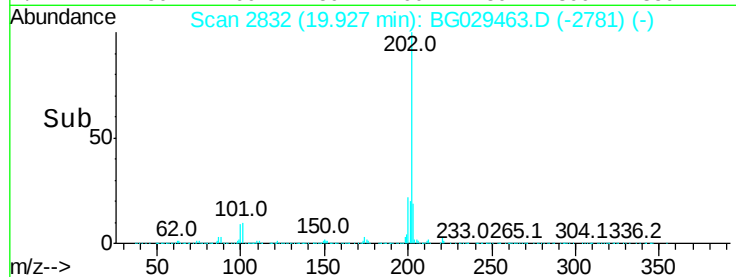
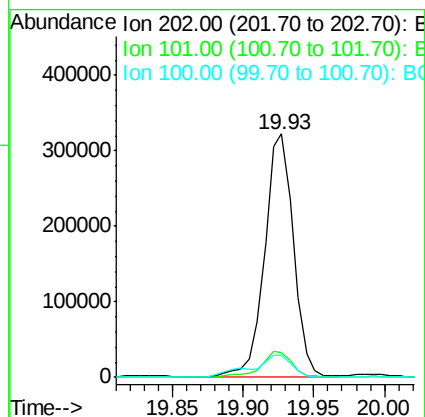
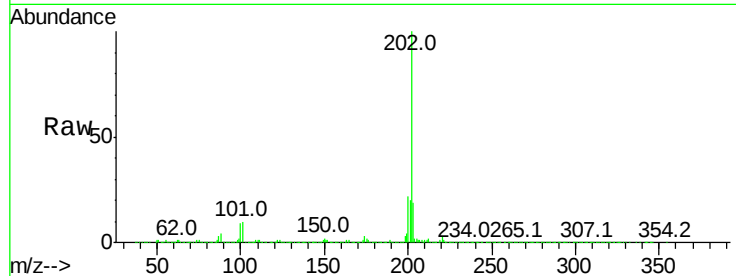
ClientSampleId :

B0D05

Tot Ion:	202	Resp:	461512
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.4	12.6
100	9.2	7.0	10.6

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#80

Benzo(a)anthracene

Concen: 5.595 ng/ul

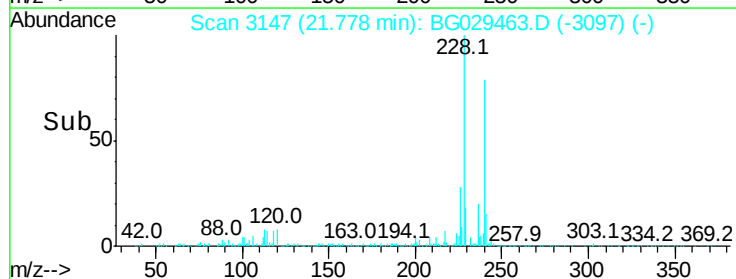
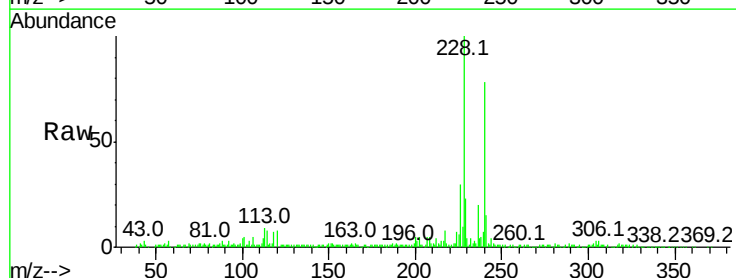
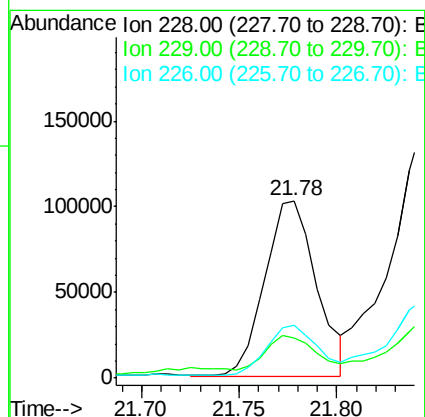
RT: 21.78 min Scan# 3147

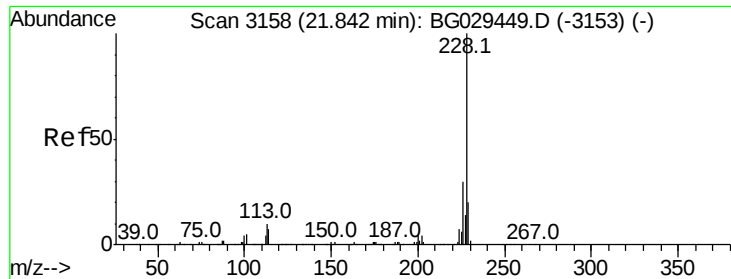
Delta R.T. -0.01 min

Lab File: BG029463.D

Acq: 26 Oct 2017 4:36

Tgt Ion:	228	Resp:	188278
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.4
226	29.7	22.2	33.2





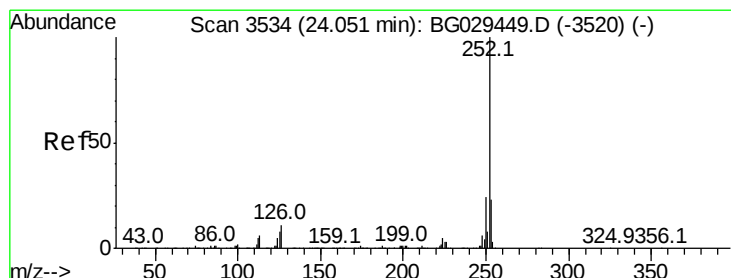
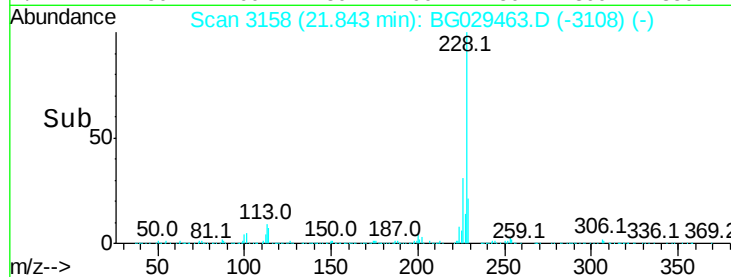
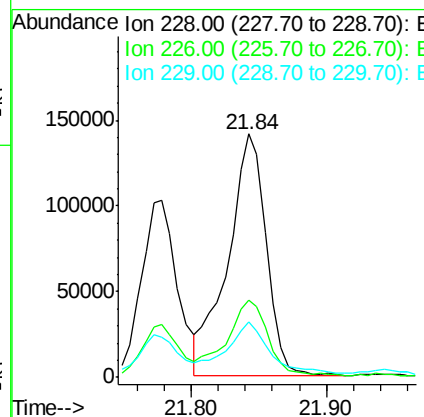
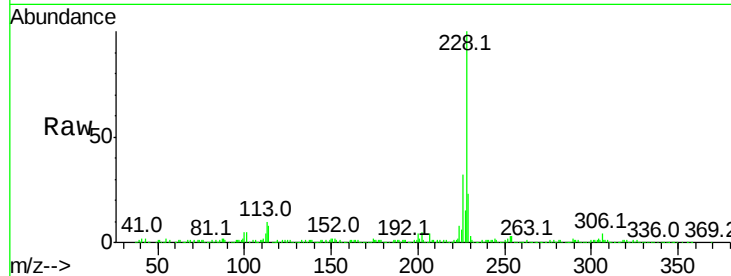
#82
Chrysene
Concen: 9.159 ng/ul m
RT: 21.84 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG029463.D
Acq: 26 Oct 2017 4:36

Instrument :
BNA_G
ClientSampleId :
B0D05

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	22.8	15.2	22.8#

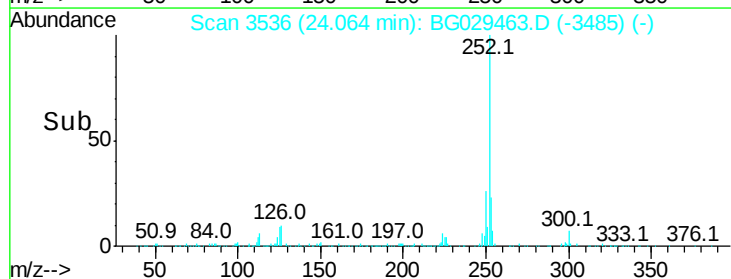
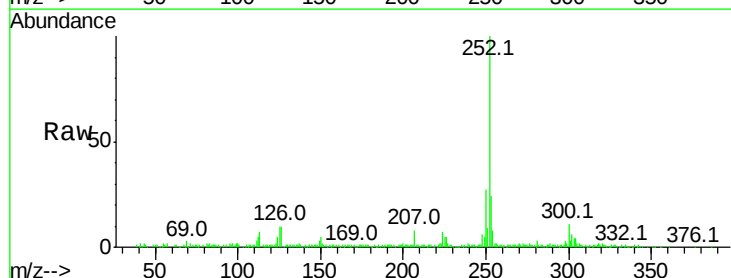
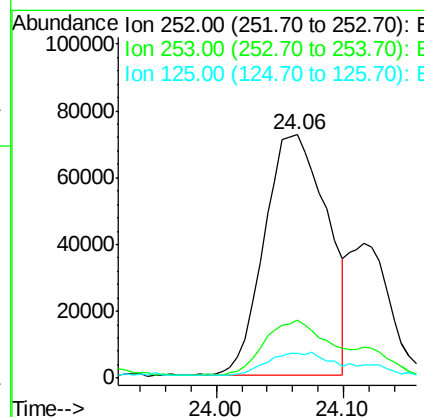
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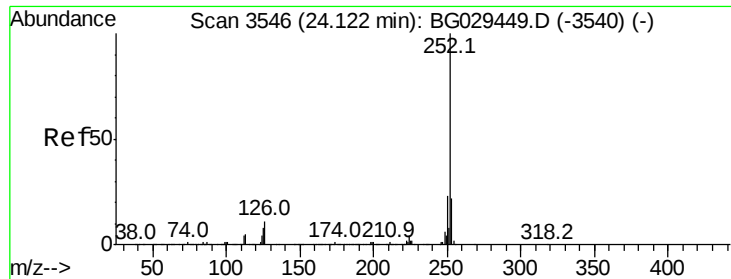
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#85
Benzo(b)fluoranthene
Concen: 7.616 ng/ul
RT: 24.06 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG029463.D
Acq: 26 Oct 2017 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	10.0	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 2.796 ng/ul

RT: 24.12 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG029463.D

Acq: 26 Oct 2017 4:36

Instrument :

BNA_G

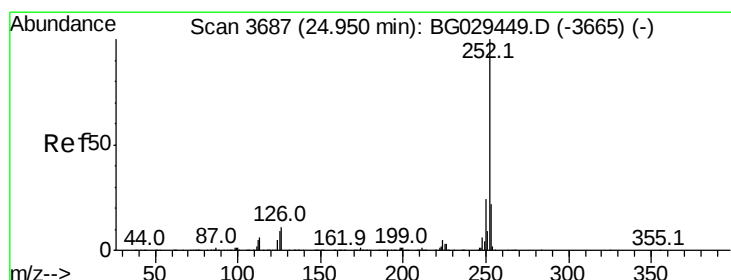
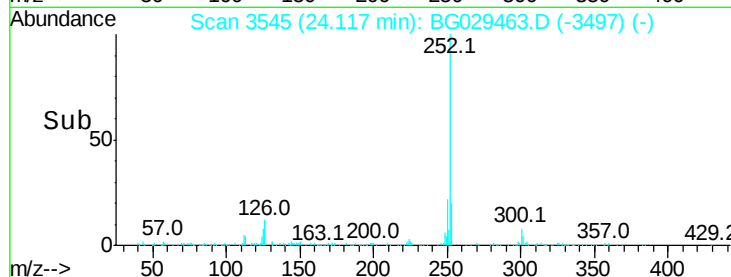
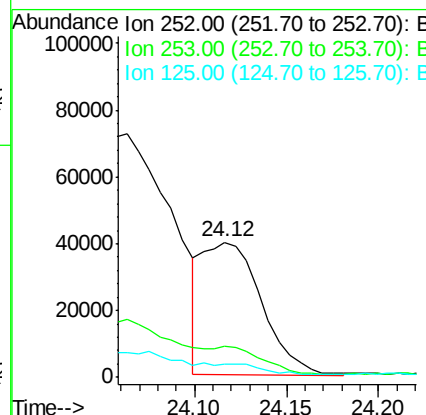
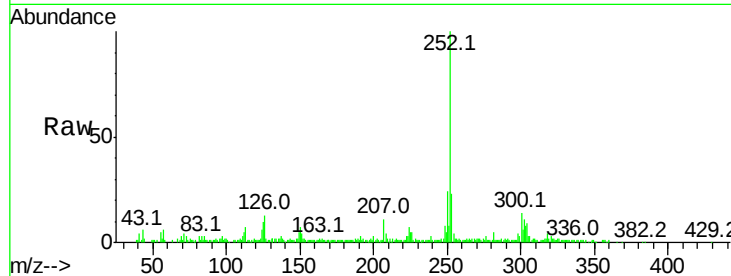
ClientSampled :

B0D05

Tot Ion:	252	Resp:	88536
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	10.0	7.8	11.8

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#88

Benzo(a)pyrene

Concen: 6.132 ng/ul

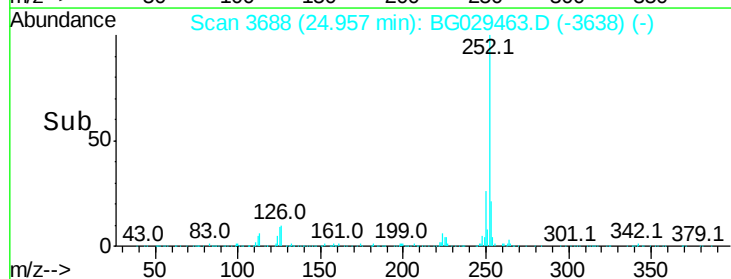
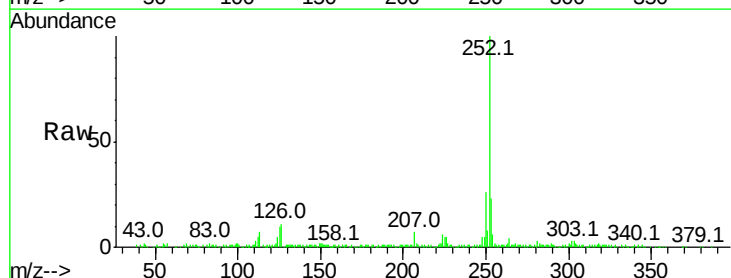
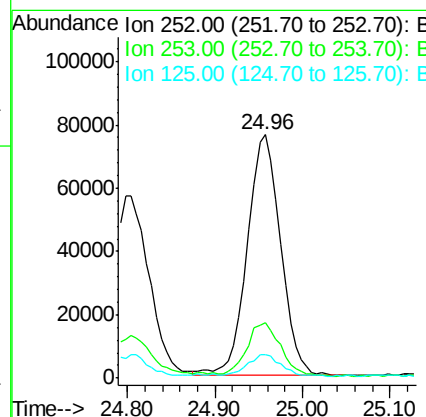
RT: 24.96 min Scan# 3688

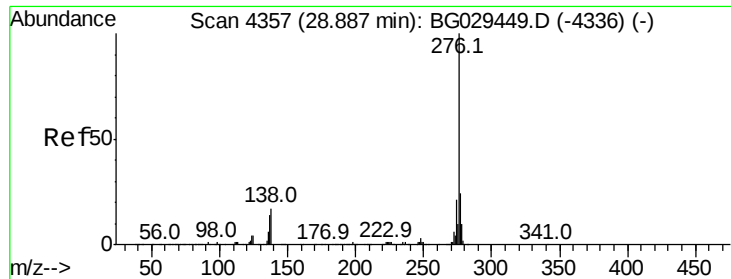
Delta R.T. -0.01 min

Lab File: BG029463.D

Acq: 26 Oct 2017 4:36

Tgt Ion:	252	Resp:	195450
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	9.7	7.8	11.8





#89

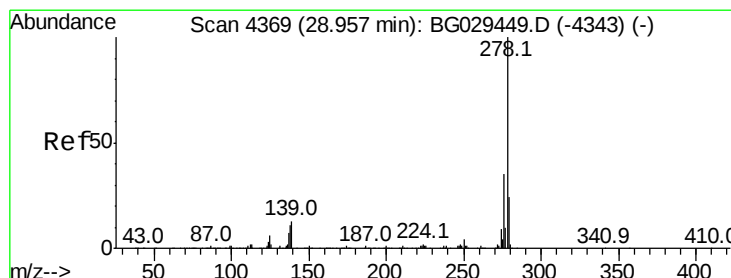
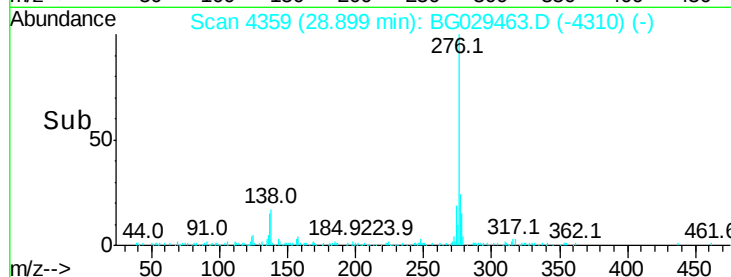
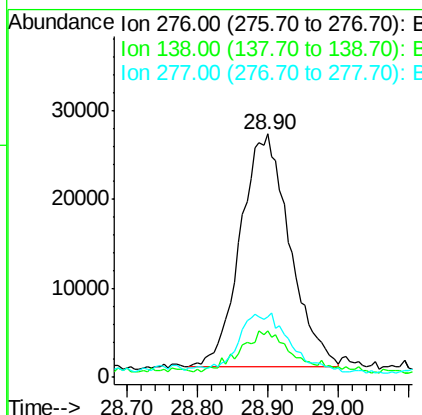
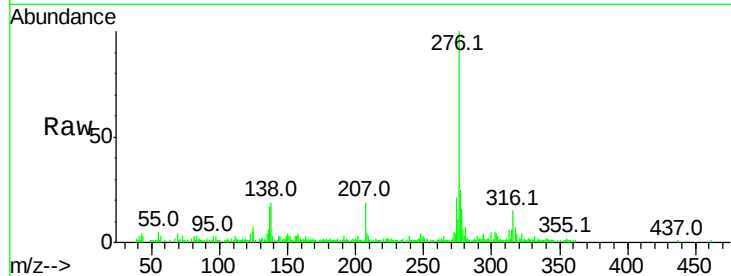
Indeno(1,2,3-cd)pyrene
Concen: 3.544 ng/ul
RT: 28.90 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG029463.D
Acq: 26 Oct 2017 4:36

Instrument :
BNA_G
ClientSampleId :
B0D05

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	13.4	20.0
277	25.0	18.6	28.0

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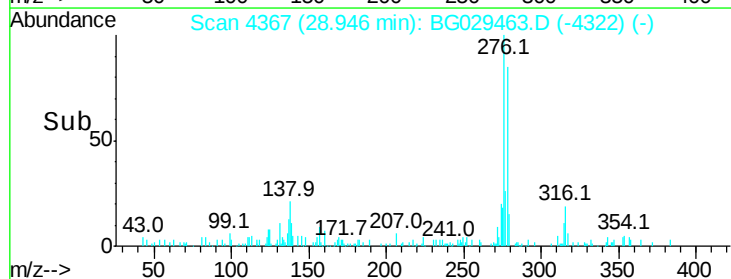
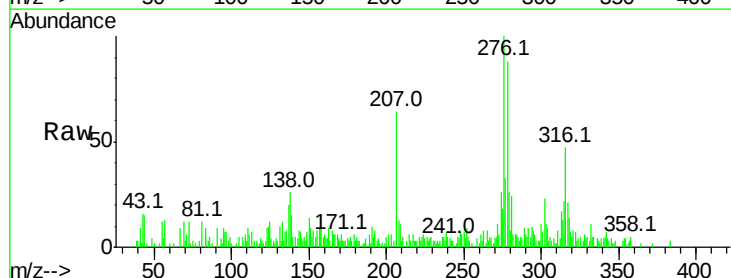
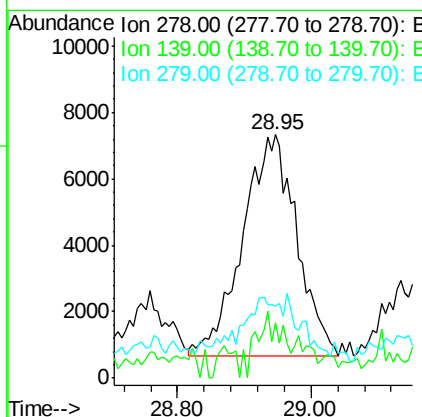
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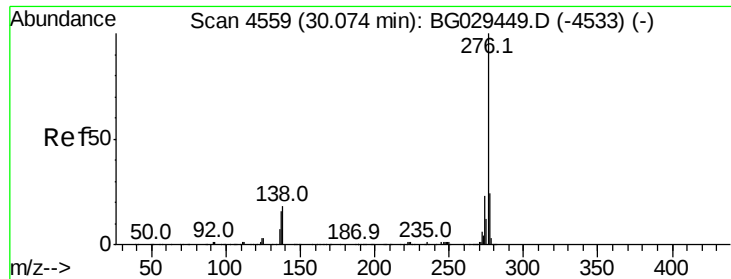


#90

Dibenzo(a,h)anthracene
Concen: 1.247 ng/ul
RT: 28.95 min Scan# 4367
Delta R.T. -0.04 min
Lab File: BG029463.D
Acq: 26 Oct 2017 4:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	9.4	14.2#
279	29.8	18.4	27.6#





#91
 Benzo(a,h,i)perylene
 Concen: 4.134 ng/ul
 RT: 30.09 min Scan# 4562
 Delta R.T. -0.01 min
 Lab File: BG029463.D
 Acq: 26 Oct 2017 4:36

Instrument :
 BNA_G
 ClientSampleId :
 B0D05

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	12.1	18.1#
277	22.5	17.7	26.5

Manual Integrations
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