

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029181.D
 Acq On : 12 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I5668-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H3

Manual Integrations
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Sohil
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Quant Time: Oct 12 09:50:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48229	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	208750	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	137380	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	393297	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	341597	20.00	ng/ul	0.00
23) Perylene-d12	25.18	264	356521	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	87364	21.89	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	341539	24.80	ng/ul	0.00
10) Fluorene-d10	15.81	176	253921	23.50	ng/ul	0.00
15) Anthracene-d10	17.66	188	464473	23.89	ng/ul	0.00
19) Pyrene-d10	19.93	212	471933	26.29	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	422754	23.71	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	14.89	153	9971	1.076	ng/ul	93
14) Phenanthrene	17.61	178	226517	10.633	ng/ul	100
16) Anthracene	17.69	178	43857m	2.008	ng/ul	
17) Fluoranthene	19.60	202	377853	15.073	ng/ul#	94
20) Pyrene	19.96	202	289032	13.955	ng/ul	97
21) Benzo(a)anthracene	21.82	228	166653	8.007	ng/ul	97
22) Chrysene	21.89	228	153904	8.192	ng/ul	100
24) Benzo(b)fluoranthene	24.12	252	210832m	9.597	ng/ul	
25) Benzo(k)fluoranthene	24.19	252	84690m	3.913	ng/ul	
27) Benzo(a)pyrene	25.03	252	137404	6.409	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	29.01	276	80793	3.953	ng/ul#	88
29) Dibenzo(a,h)anthracene	29.07	278	23962m	1.321	ng/ul	
30) Benzo(a,h,i)perylene	30.21	276	53480	3.753	ng/ul#	92

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

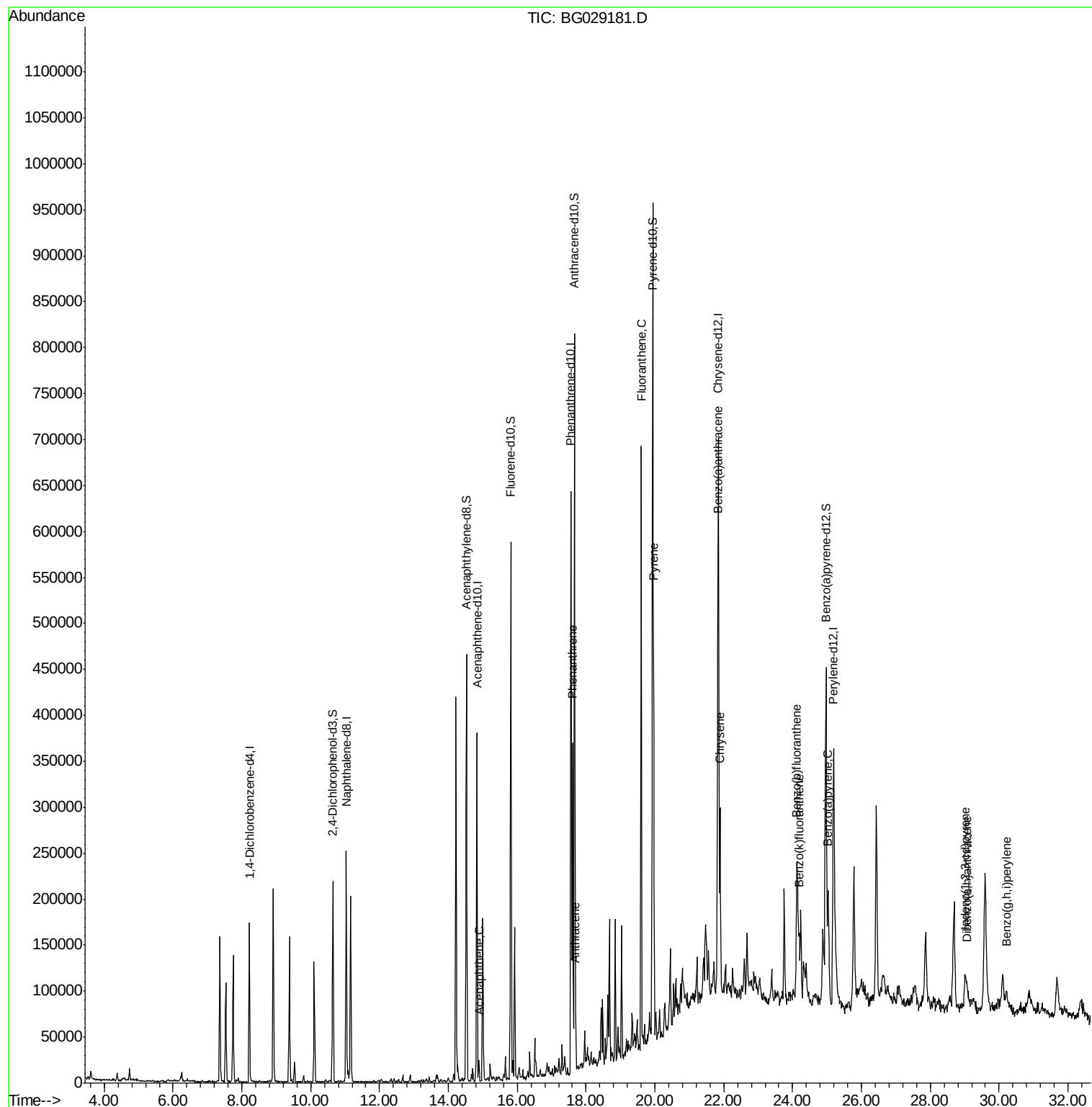
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
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ALS Vial : 13 Sample Multiplier: 1

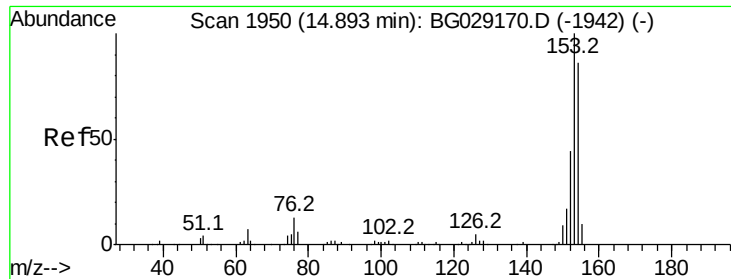
Instrument :
BNA_G
ClientSampled :
CB3H3

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Quant Time: Oct 12 09:50:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 1.076 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

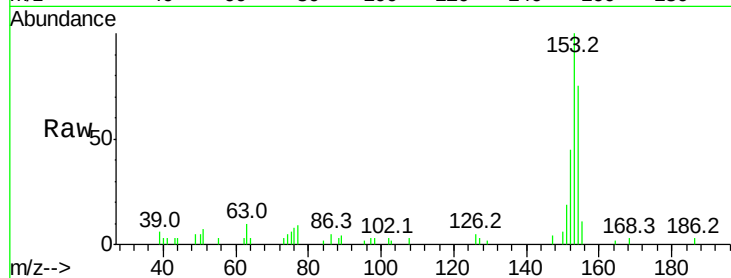
ClientSampled :

CB3H3

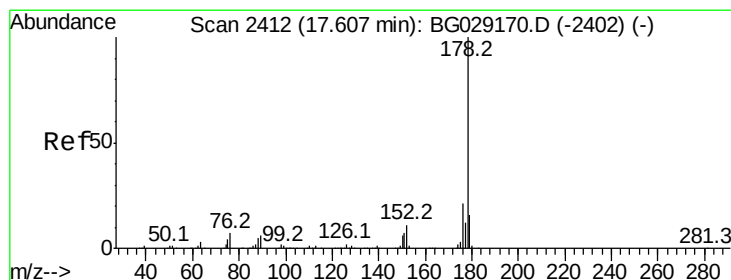
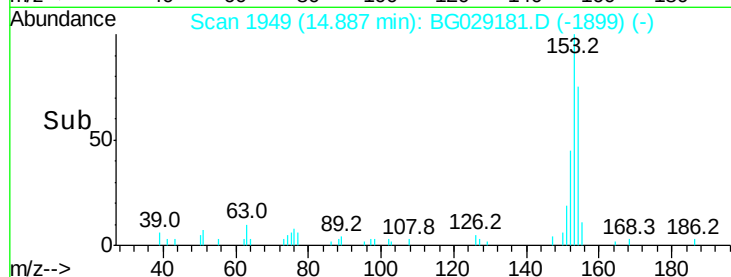
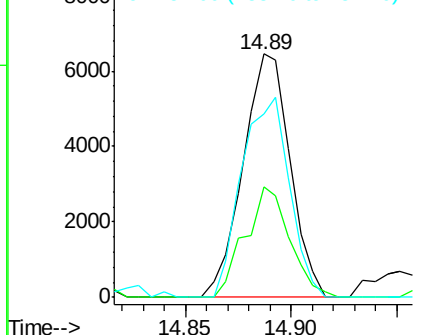
Tot Ion:	153	Resp:	9971
Ion	Ratio	Lower	Upper
153	100		
152	45.4	36.2	54.4
154	75.5	68.4	102.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#14

Phenanthrene

Concen: 10.633 ng/ul

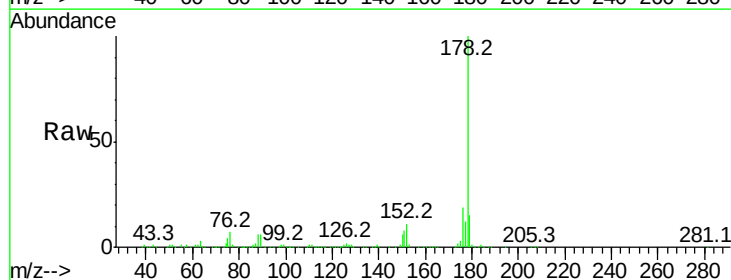
RT: 17.61 min Scan# 2412

Delta R.T. -0.00 min

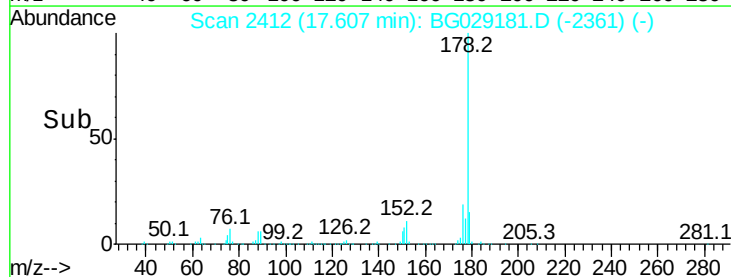
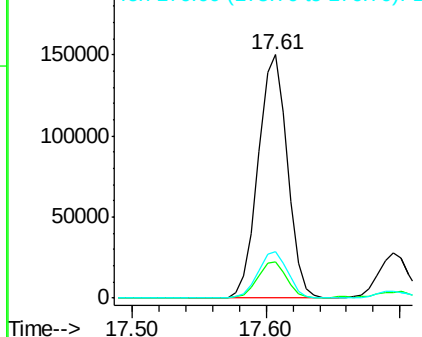
Lab File: BG029181.D

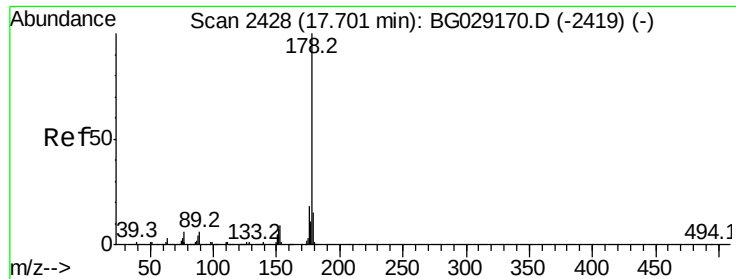
Acq: 12 Oct 2017 1:21

Tgt Ion:	178	Resp:	226517
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.8	15.0	22.6



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





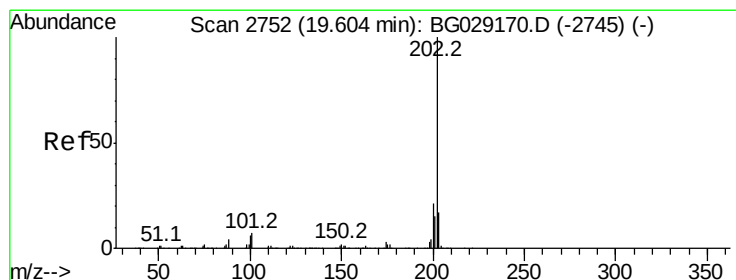
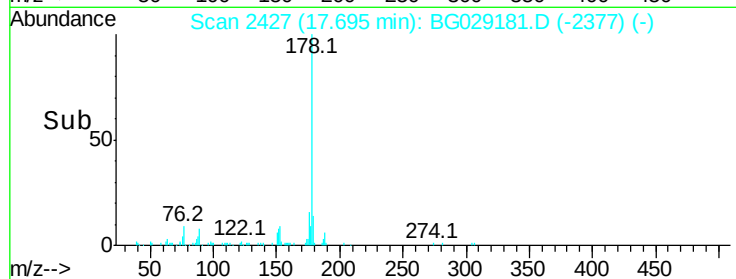
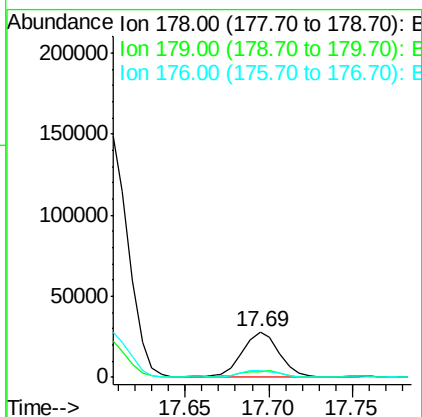
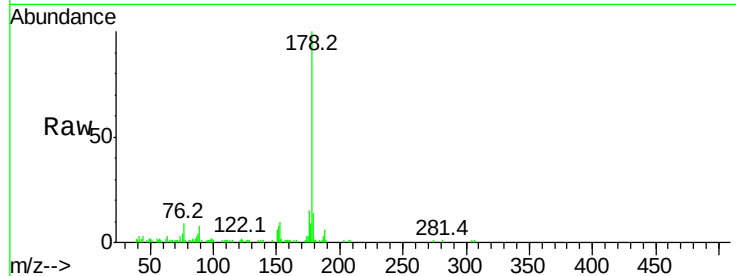
#16
 Anthracene
 Concen: 2.008 ng/ul m
 RT: 17.69 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG029181.D
 Acq: 12 Oct 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :
 CB3H3

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.5	12.5	18.7
176	15.5	15.7	23.5#

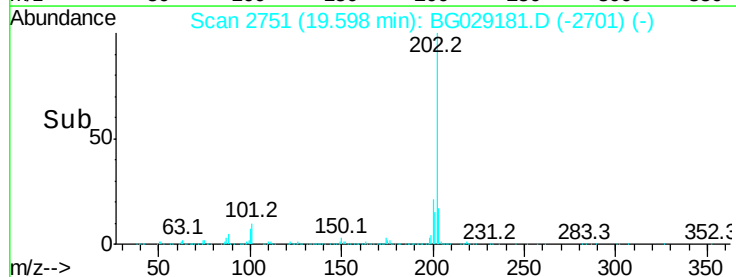
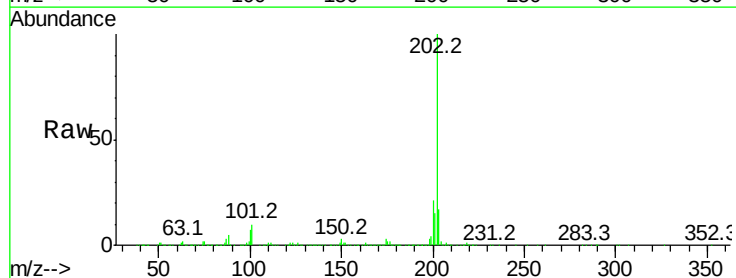
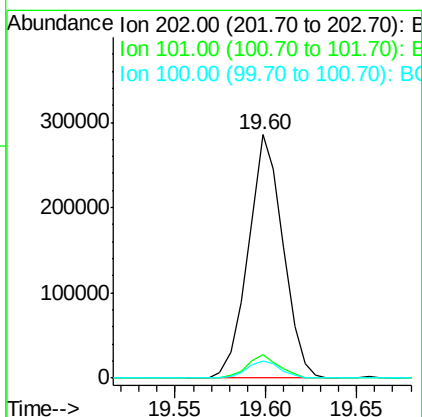
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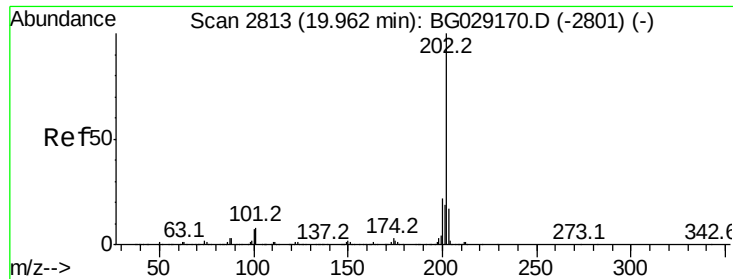
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#17
 Fluoranthene
 Concen: 15.073 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BG029181.D
 Acq: 12 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.6	8.4#
100	7.2	4.7	7.1#





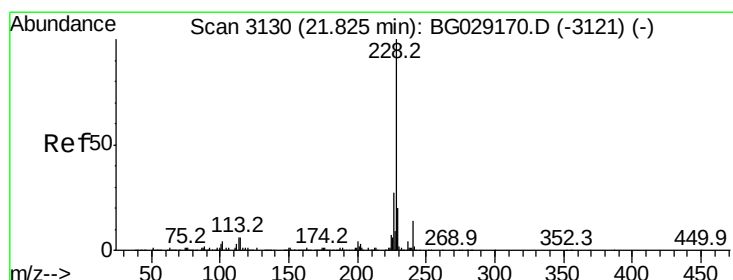
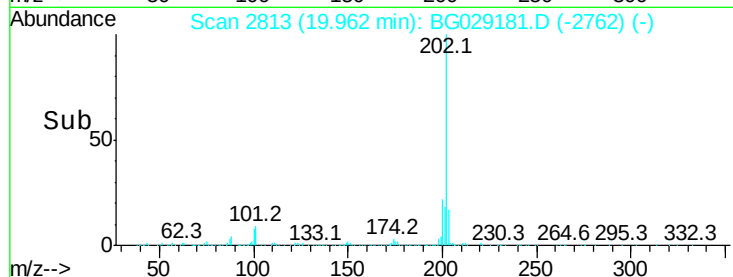
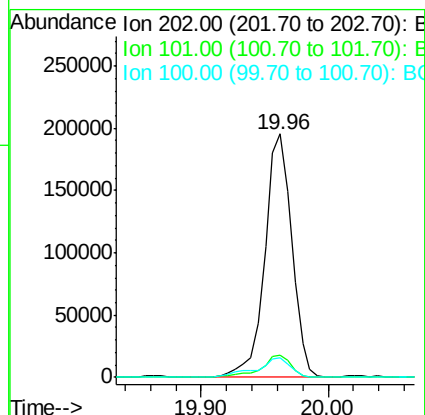
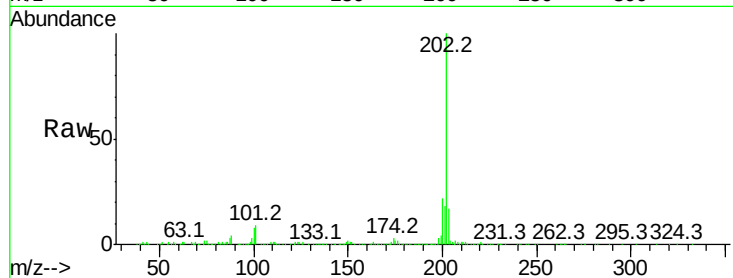
#20
Pvrene
Concen: 13.955 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029181.D
Acq: 12 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
CB3H3

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	6.5	9.7
100	8.0	5.5	8.3

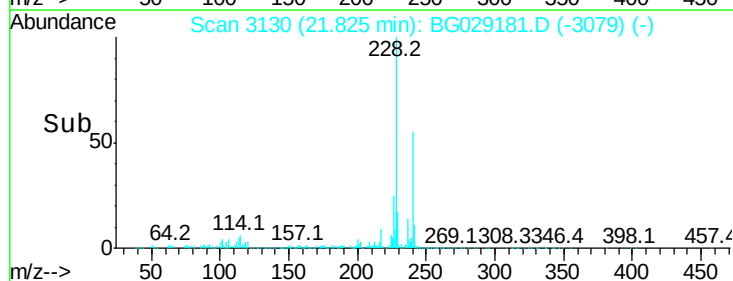
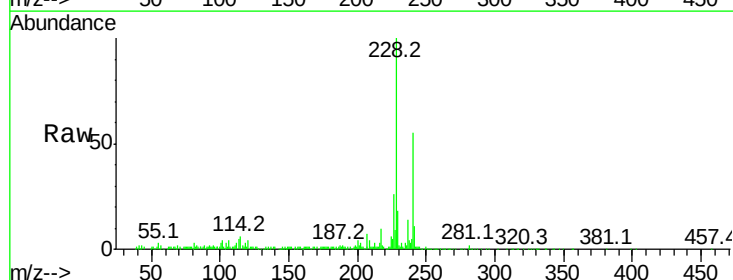
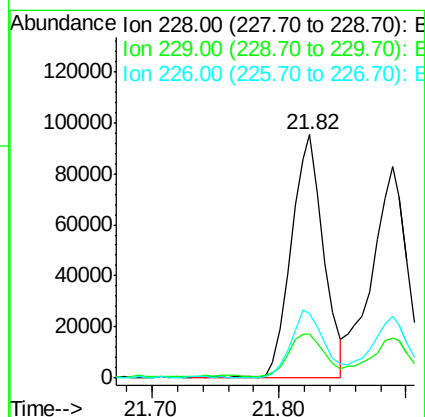
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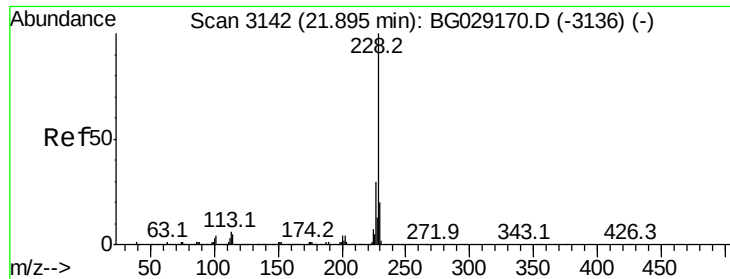
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#21
Benzo(a)anthracene
Concen: 8.007 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029181.D
Acq: 12 Oct 2017 1:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	17.9	15.8	23.8
226	26.3	21.6	32.4





#22

Chrysene

Concen: 8.192 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

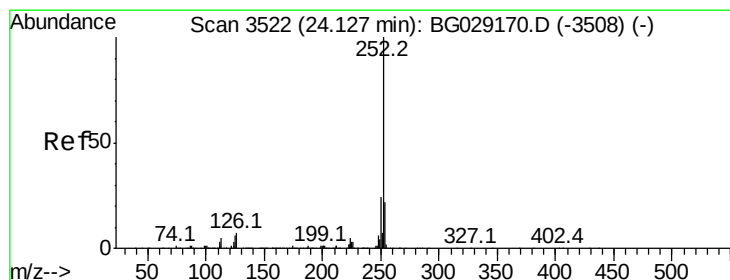
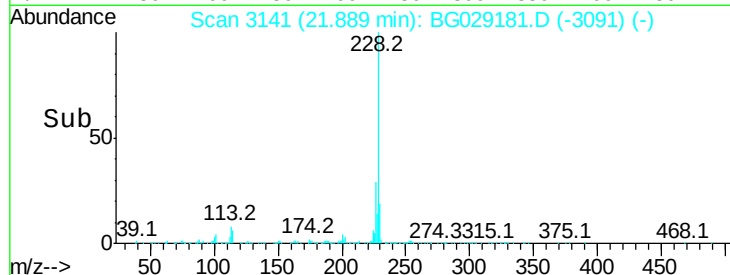
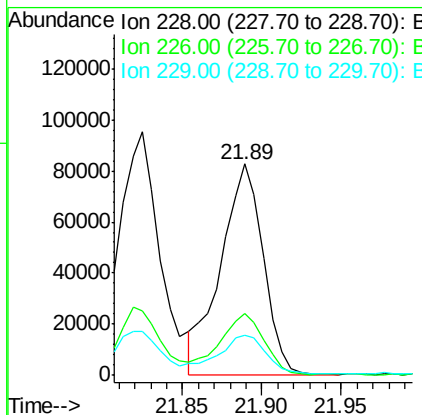
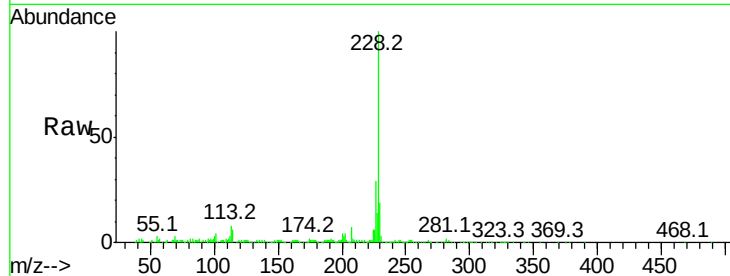
ClientSampleId :

CB3H3

Tot Ion:	228	Resp:	153904
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.0
229	19.3	15.7	23.5

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#24

Benzo(b)fluoranthene

Concen: 9.597 ng/ul m

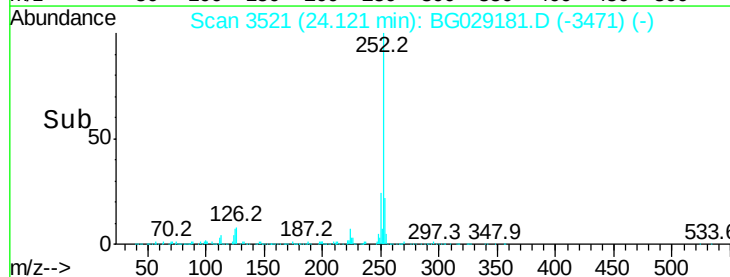
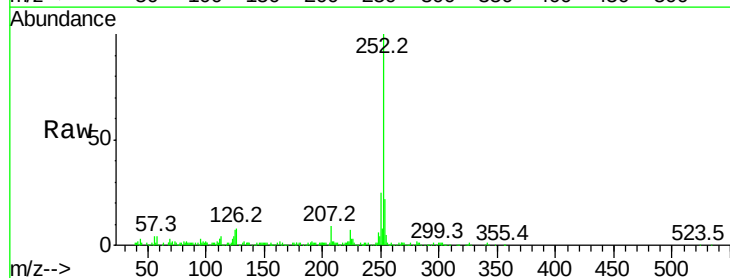
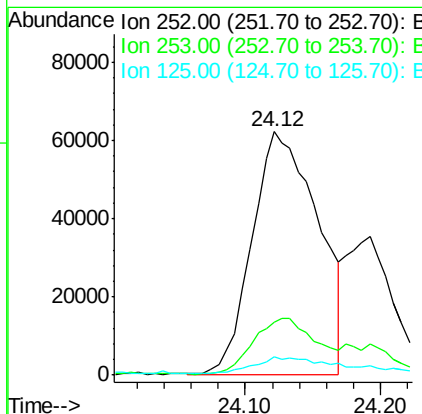
RT: 24.12 min Scan# 3521

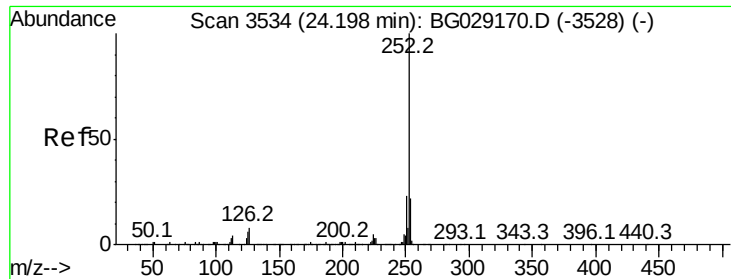
Delta R.T. -0.01 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Tgt Ion:	252	Resp:	210832
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	7.3	4.5	6.7#





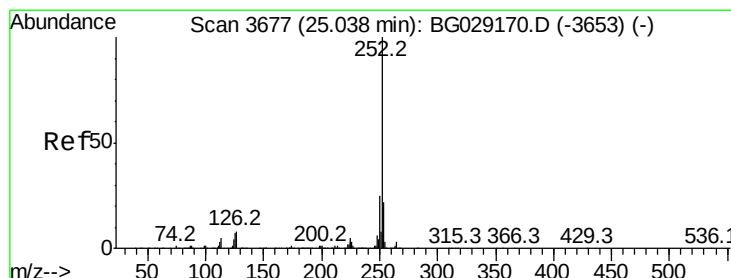
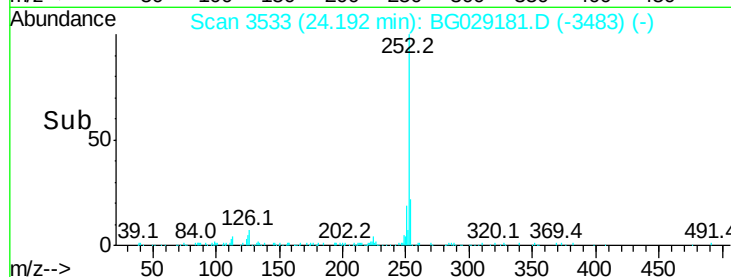
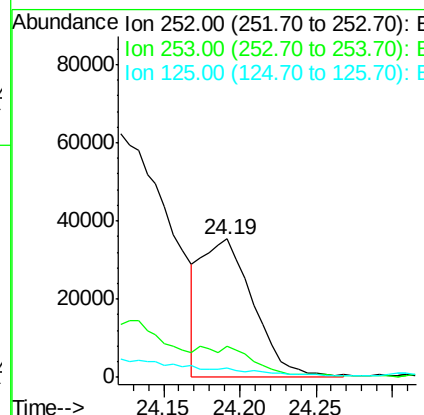
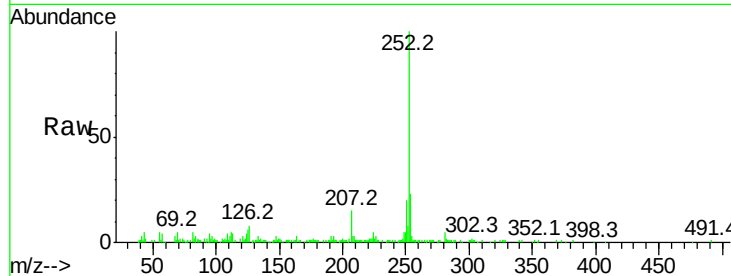
#25
Benzo(k)fluoranthene
Concen: 3.913 ng/ul m
RT: 24.19 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG029181.D
Acq: 12 Oct 2017 1:21

Instrument :
BNA_G
ClientSampled :
CB3H3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	6.4	5.1	7.7

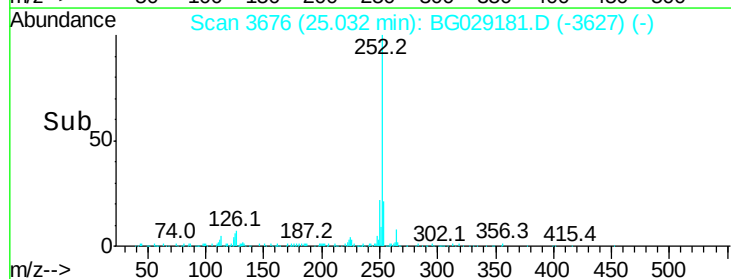
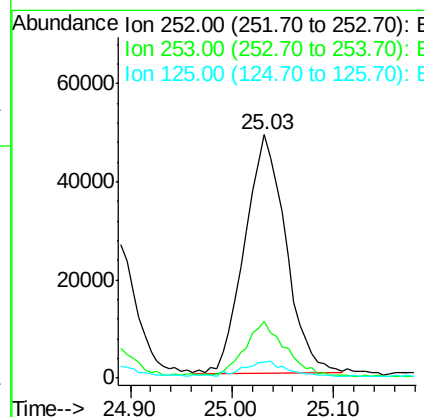
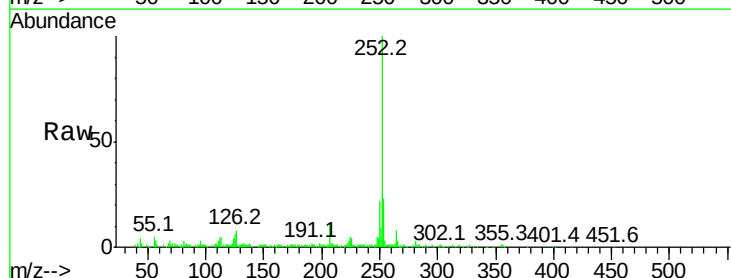
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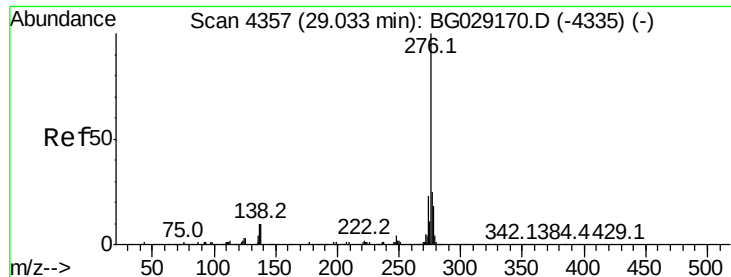
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#27
Benzo(a)pyrene
Concen: 6.409 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029181.D
Acq: 12 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	6.3	5.4	8.2





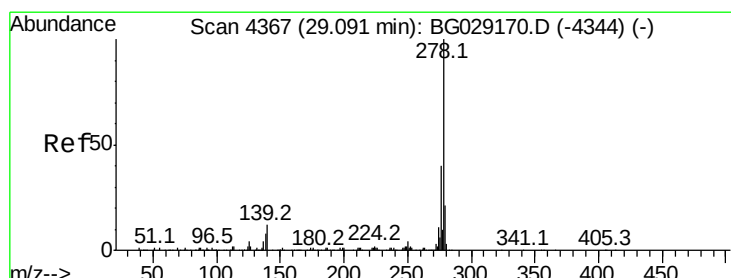
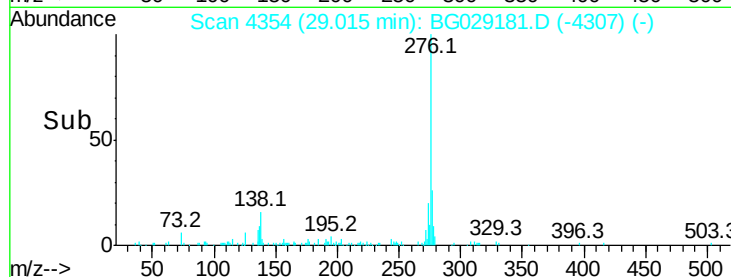
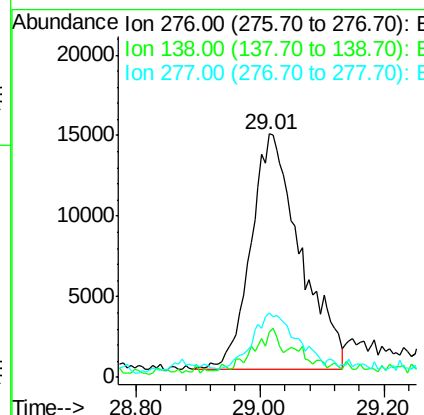
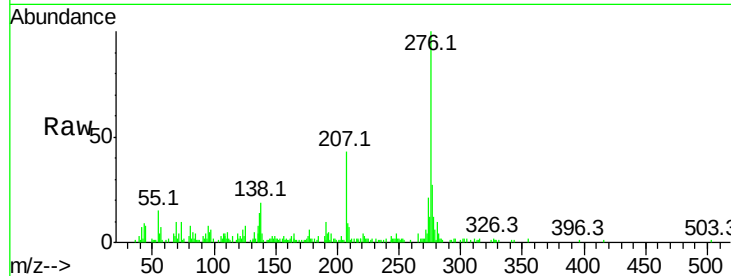
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 3.953 ng/ul
 RT: 29.01 min Scan# 4354
 Delta R.T. -0.02 min
 Lab File: BG029181.D
 Acq: 12 Oct 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :
 CB3H3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	9.5	14.3#
277	26.7	18.1	27.1

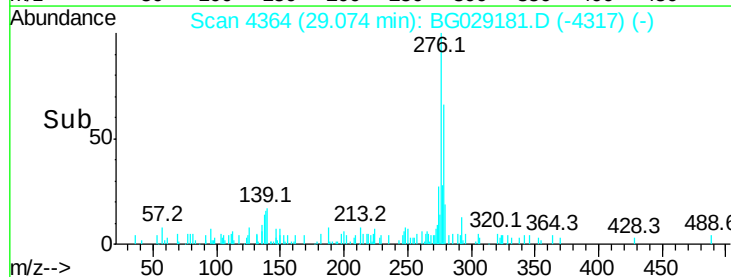
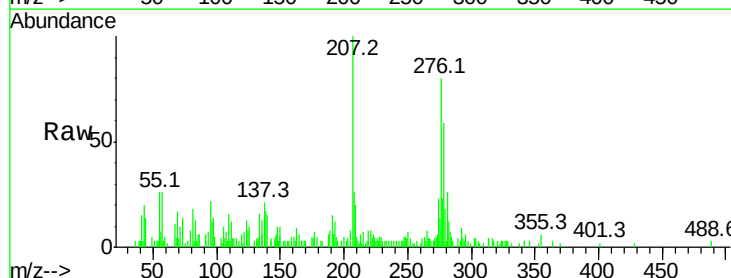
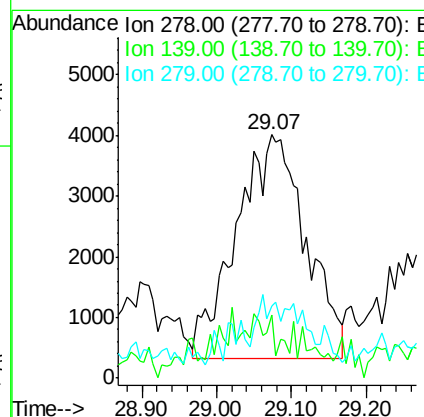
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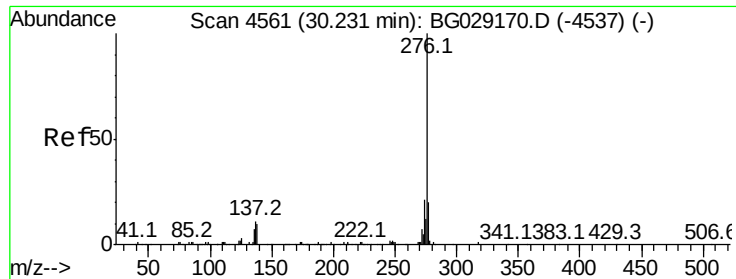
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.321 ng/ul m
 RT: 29.07 min Scan# 4364
 Delta R.T. -0.02 min
 Lab File: BG029181.D
 Acq: 12 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	8.3	12.5#
279	29.7	17.1	25.7#





#30

Benzo(a,h,i)perylene

Concen: 3.753 ng/ul

RT: 30.21 min Scan# 4558

Delta R.T. -0.02 min

Lab File: BG029181.D

Acq: 12 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

CB3H3

Tot Ion:	276	Resp:	53480
Ion Ratio	Lower	Upper	
276	100		
138	18.0	9.3	13.9#
277	24.0	17.9	26.9

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