

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028476.D
 Acq On : 25 Aug 2017 1:24
 Operator : SJ/JU
 Sample : I4840-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN3

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:59 PM

Quant Time: Aug 25 04:32:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	41719	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	187890	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	134827	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	324255	20.00	ng/ul	0.00
75) Chrysene-d12	22.02	240	386099	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	380062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	2945m	3.29	ng/uL	0.00
5) Phenol-d5	7.49	99	75507	16.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	47048	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	55370	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	49377	12.89	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	29184	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	35453	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	63876	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	45914	12.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	236350	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	268027	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	26383	13.84	ng/ul	0.00
57) Fluorene-d10	15.94	176	205850	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	35419	16.81	ng/ul	0.00
70) Anthracene-d10	17.79	188	319506m	20.55	ng/ul	0.00
76) Pyrene-d10	20.07	212	393424	19.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	381180	21.42	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.51	94	9768	2.145	ng/ul 97
44) Dimethylphthalate	14.38	163	100600	9.111	ng/ul 98
69) Phenanthrene	17.74	178	134999	8.273	ng/ul 96
71) Anthracene	17.83	178	23052	1.382	ng/ul 98
74) Fluoranthene	19.73	202	235311	11.865	ng/ul 98
77) Pyrene	20.10	202	217880	9.459	ng/ul 99
80) Benzo(a)anthracene	22.00	228	126904	5.689	ng/ul 96
82) Chrysene	22.07	228	127602	6.351	ng/ul 97
85) Benzo(b)fluoranthene	24.40	252	151312	6.653	ng/ul 98
86) Benzo(k)fluoranthene	24.46	252	51394m	2.313	ng/ul
88) Benzo(a)pyrene	25.36	252	109789	4.986	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	29.54	276	67756	2.628	ng/ul 96
91) Benzo(g,h,i)perylene	30.80	276	54563	2.572	ng/ul 97

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

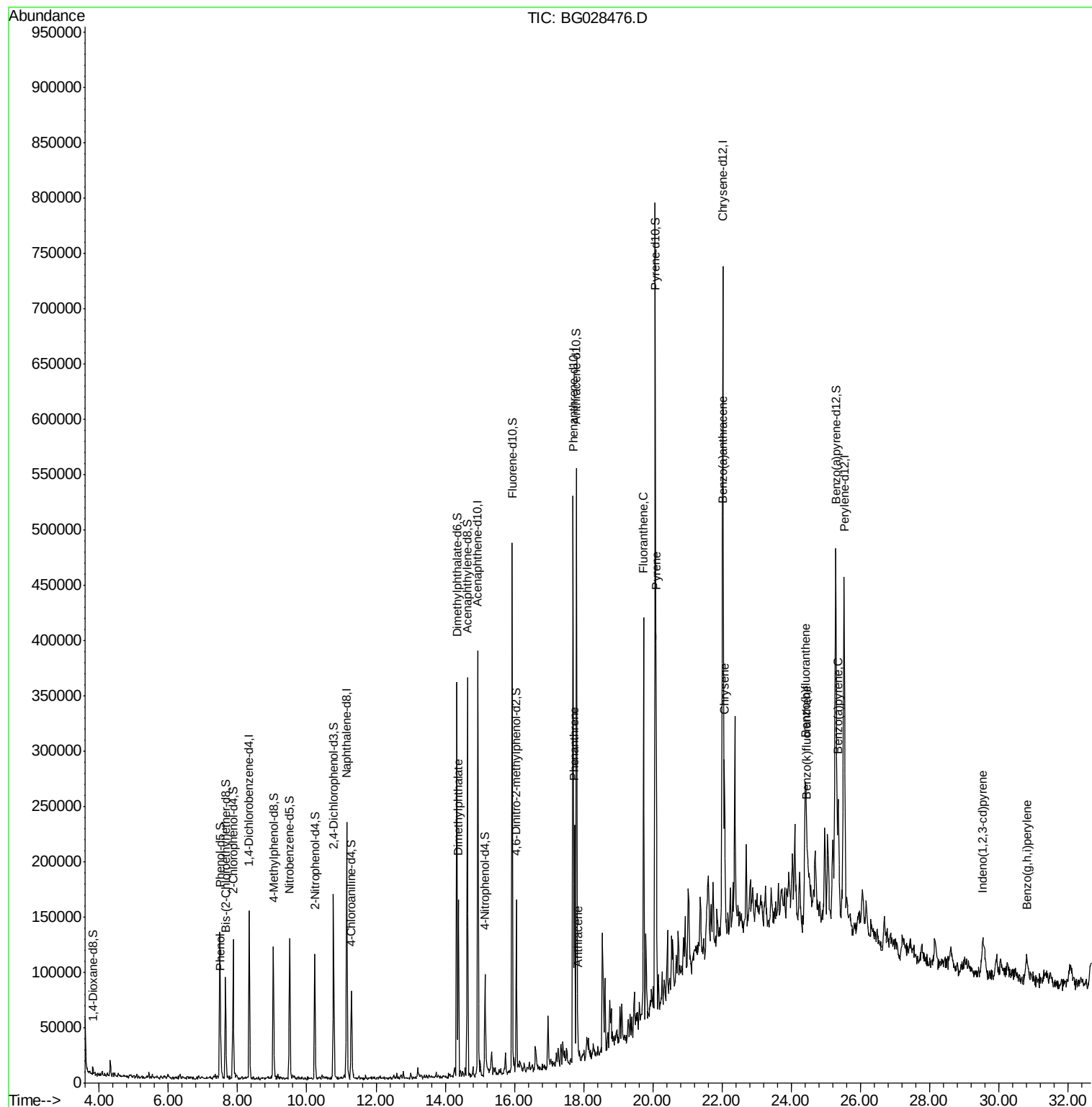
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028476.D
Acq On : 25 Aug 2017 1:24
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ALS Vial : 22 Sample Multiplier: 1

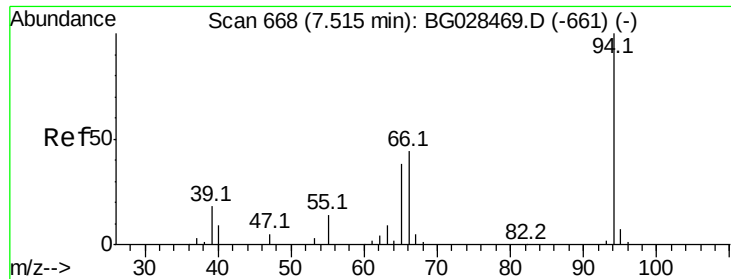
Instrument :
BNA_G
ClientSampleId :
B0AN3

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Quant Time: Aug 25 04:32:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.145 ng/ul

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

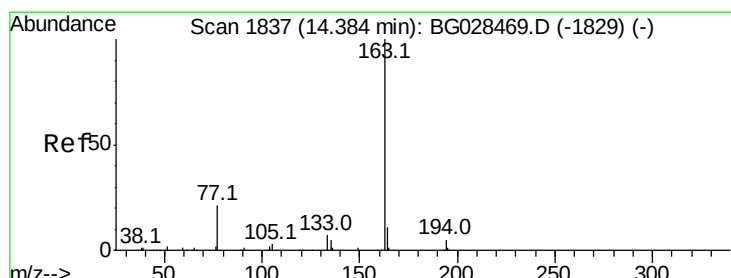
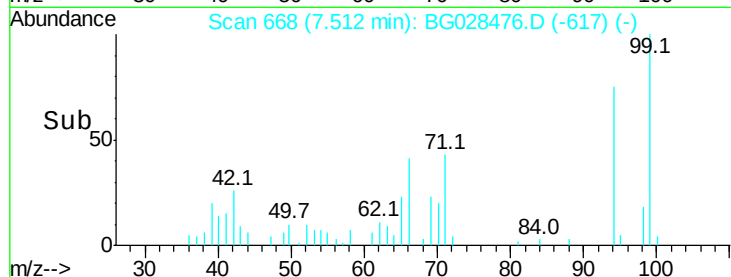
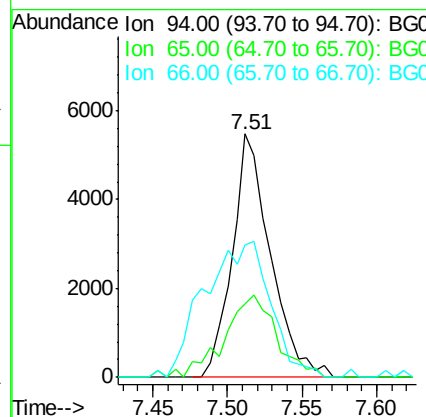
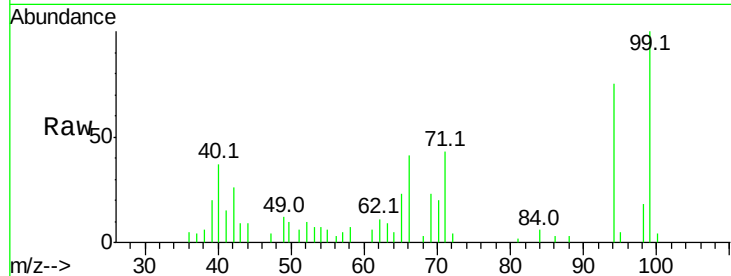
ClientSampled :

B0AN3

Tot Ion:	94	Resp:	9768
Ion	Ratio	Lower	Upper
94	100		
65	30.2	26.8	40.2
66	54.5	44.4	66.6

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#44

Dimethylphthalate

Concen: 9.111 ng/ul

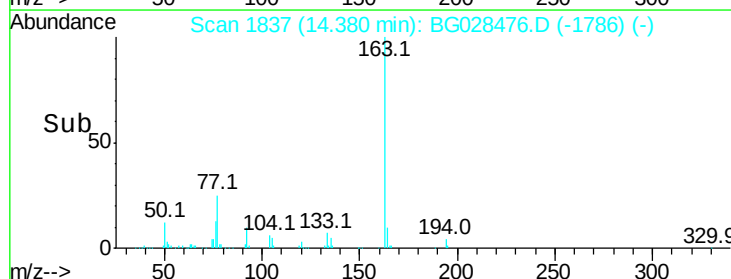
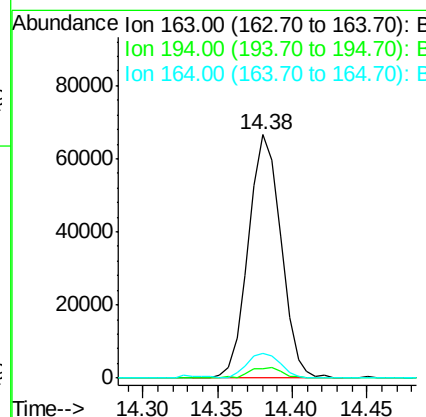
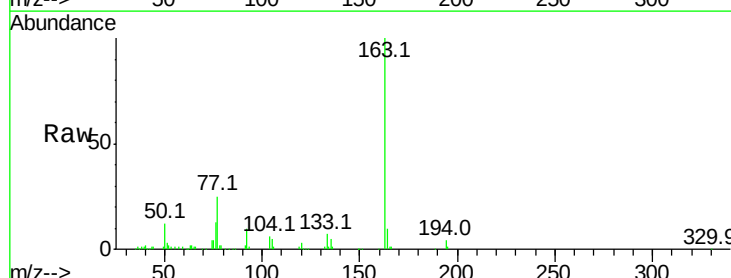
RT: 14.38 min Scan# 1837

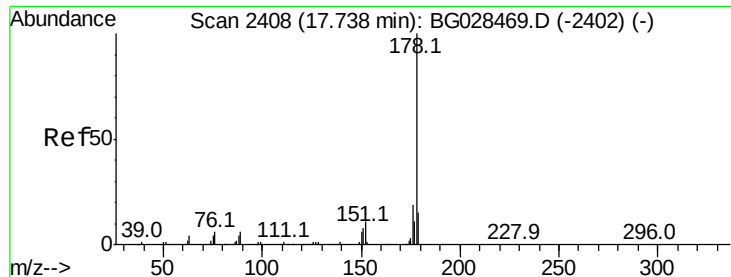
Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Tgt Ion:	163	Resp:	100600
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	10.2	9.0	13.4





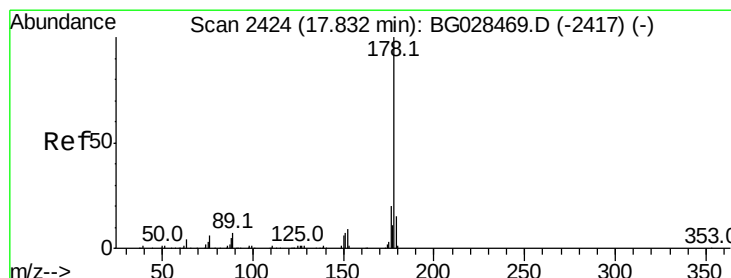
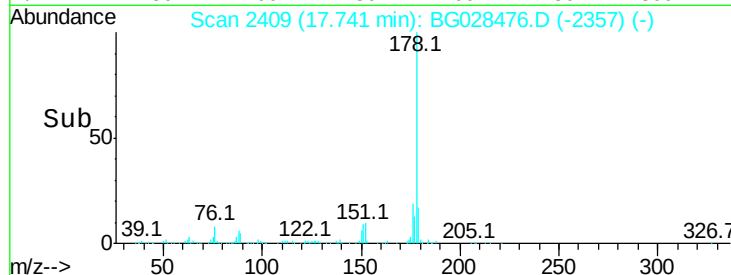
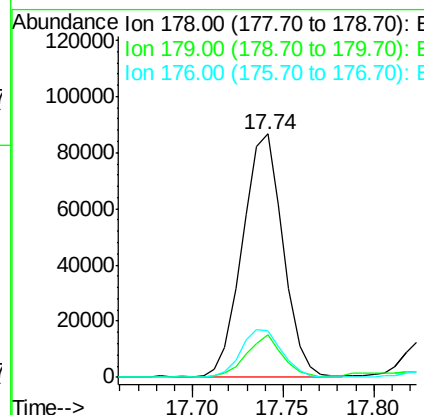
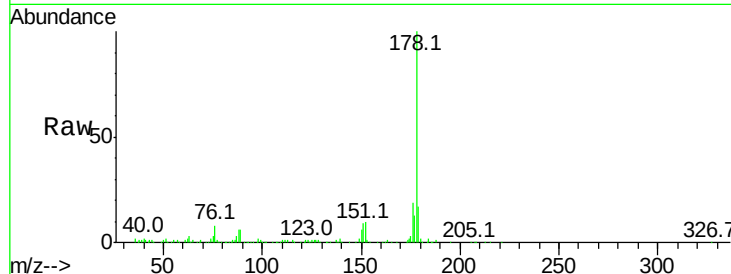
#69
Phenanthrene
Concen: 8.273 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028476.D
Acq: 25 Aug 2017 1:24

Instrument :
BNA_G
ClientSampled :
B0AN3

Tot Ion	Ratio	Resp	Lower	Upper
178	100	134999		
179	17.5		12.4	18.6
176	19.2		16.5	24.7

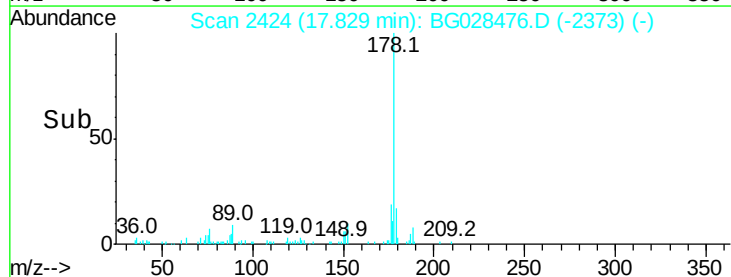
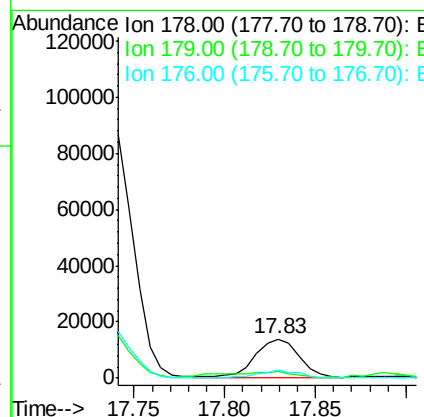
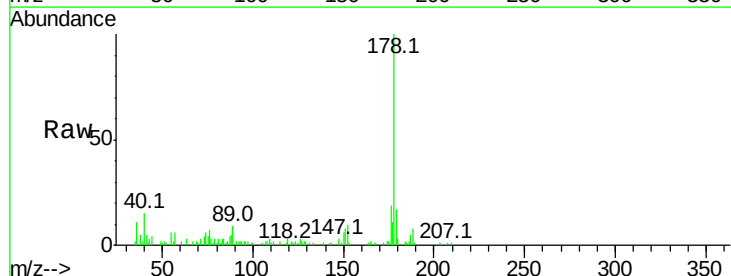
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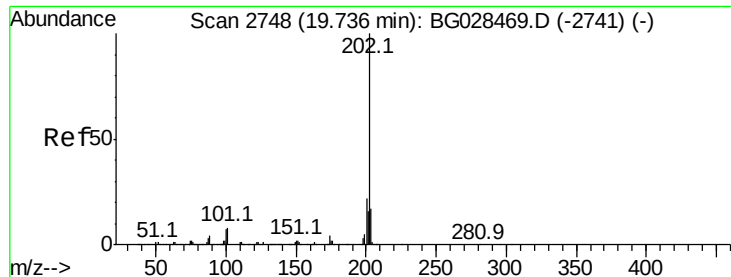
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#71
Anthracene
Concen: 1.382 ng/ul
RT: 17.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG028476.D
Acq: 25 Aug 2017 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	23052		
179	17.1		12.6	19.0
176	19.1		15.9	23.9





#74

Fluoranthene

Concen: 11.865 ng/ul

RT: 19.73 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

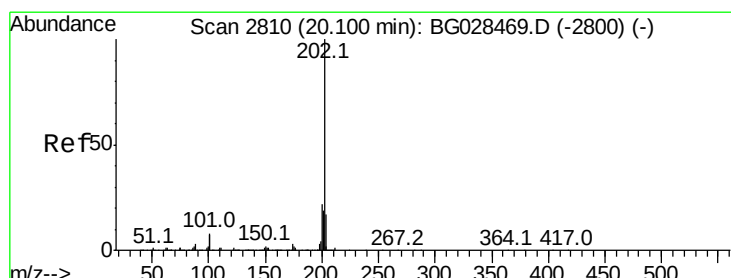
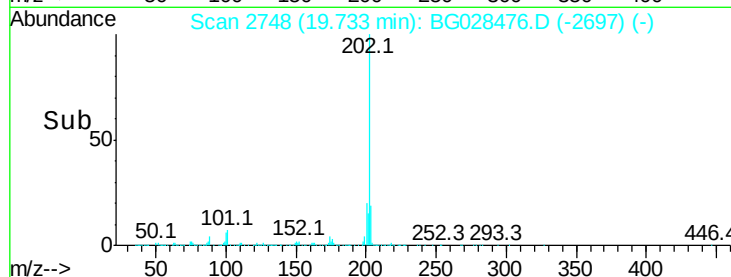
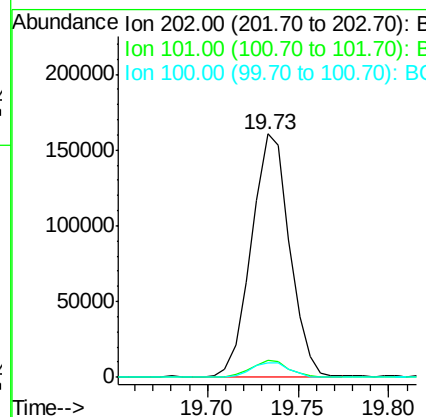
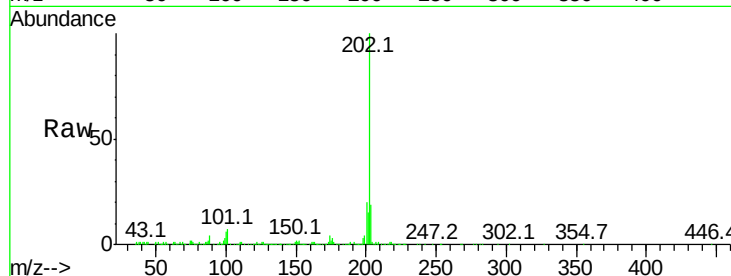
ClientSampleId :

B0AN3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	235311		
101	7.1	6.2	9.2	
100	5.8	5.2	7.8	

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#77

Pyrene

Concen: 9.459 ng/ul

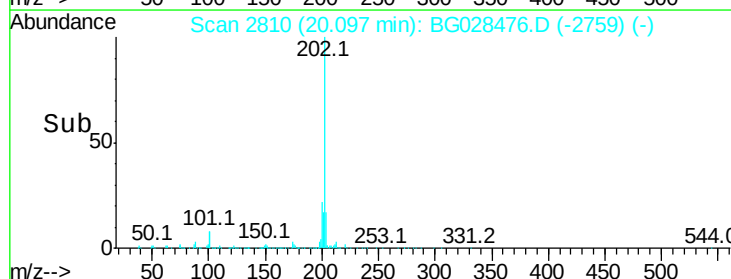
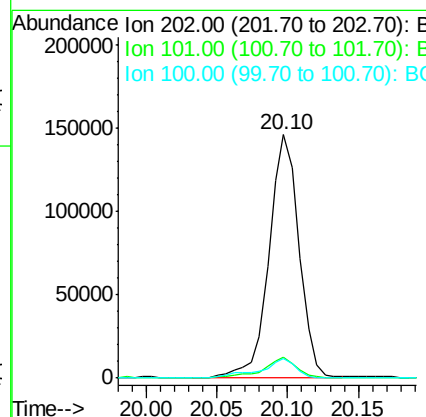
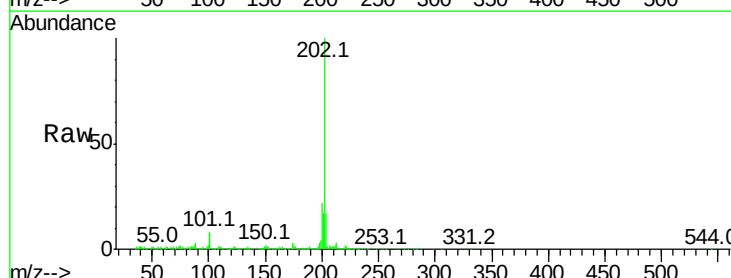
RT: 20.10 min Scan# 2810

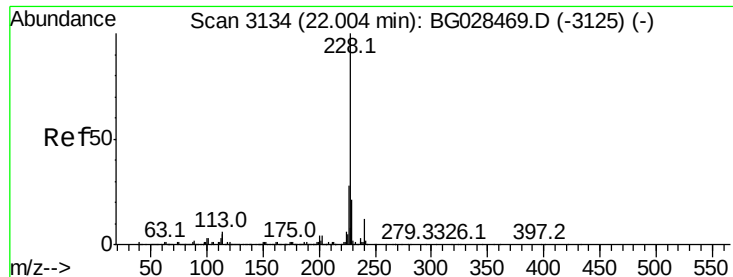
Delta R.T. -0.00 min

Lab File: BG028476.D

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	217880		
101	8.4	6.9	10.3	
100	7.8	6.6	10.0	





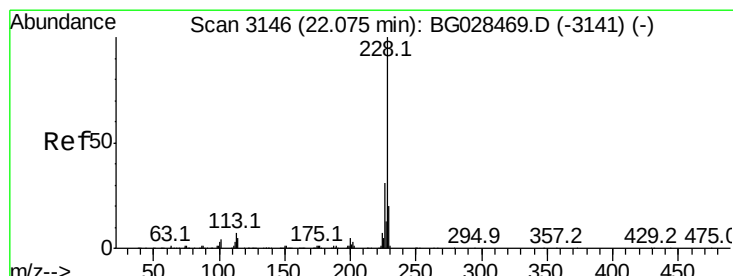
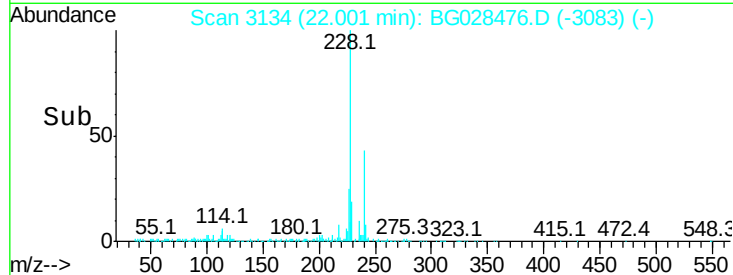
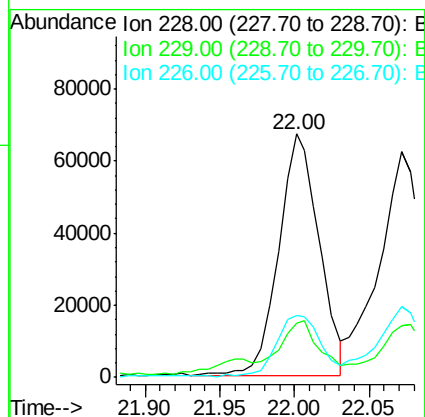
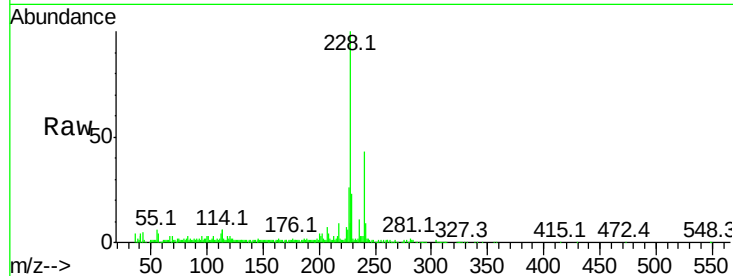
#80
Benzo(a)anthracene
Concen: 5.689 ng/ul
RT: 22.00 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG028476.D
Acq: 25 Aug 2017 1:24

Instrument :
BNA_G
ClientSampleId :
B0AN3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		126904		
229	22.5	16.3	24.5		
226	25.6	21.9	32.9		

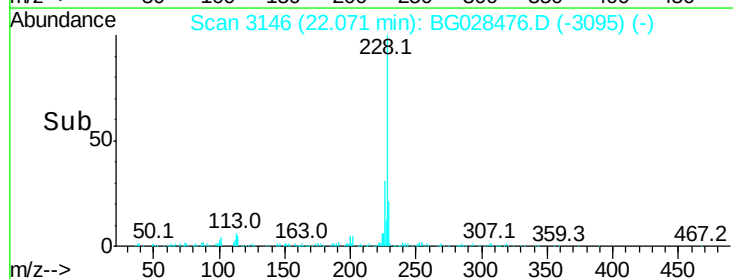
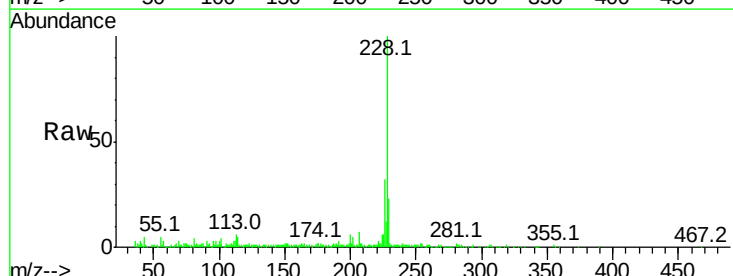
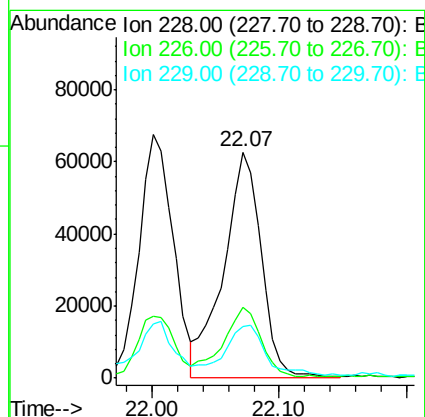
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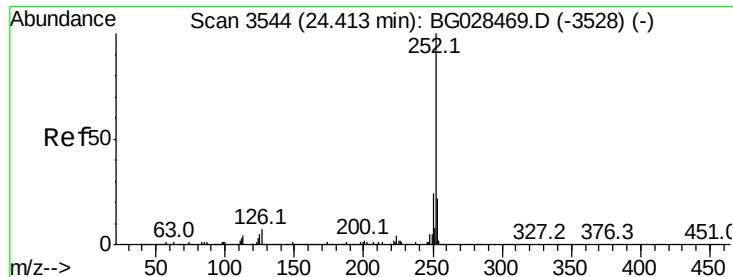
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#82
Chrysene
Concen: 6.351 ng/ul
RT: 22.07 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG028476.D
Acq: 25 Aug 2017 1:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		127602		
226	31.6	24.0	36.0		
229	22.6	16.9	25.3		





#85

Benzo(b)fluoranthene

Concen: 6.653 ng/ul

RT: 24.40 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

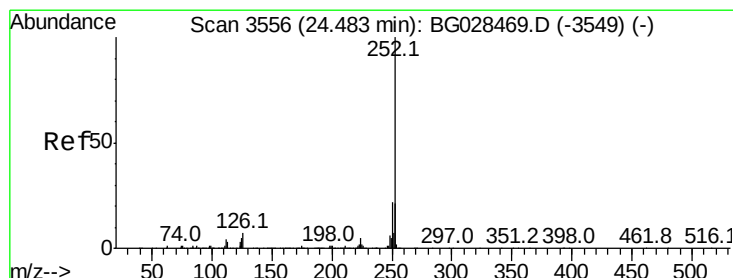
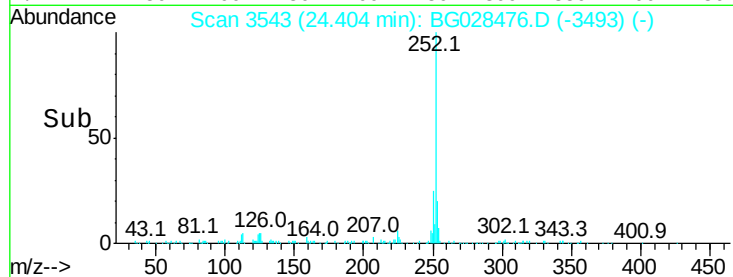
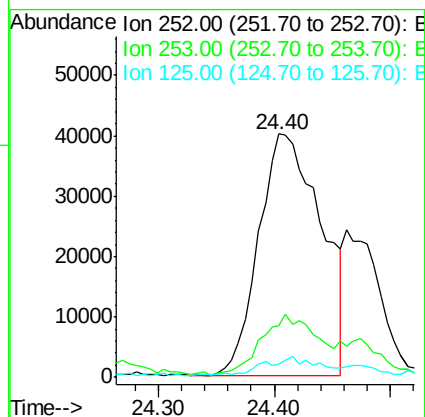
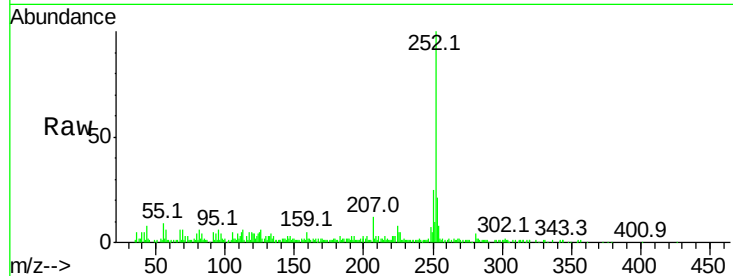
ClientSampled :

B0AN3

Tot Ion:	252	Resp:	151312
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.7	26.5
125	5.5	4.0	6.0

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#86

Benzo(k)fluoranthene

Concen: 2.313 ng/ul m

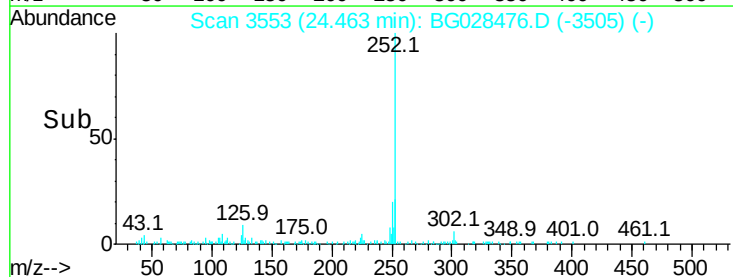
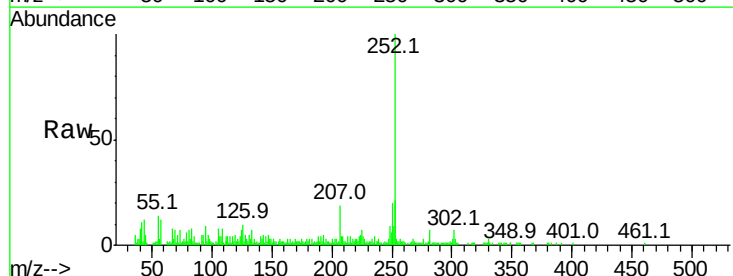
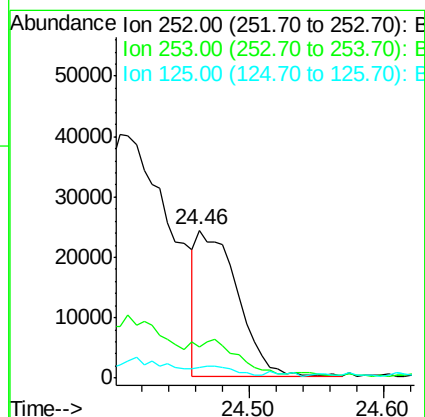
RT: 24.46 min Scan# 3553

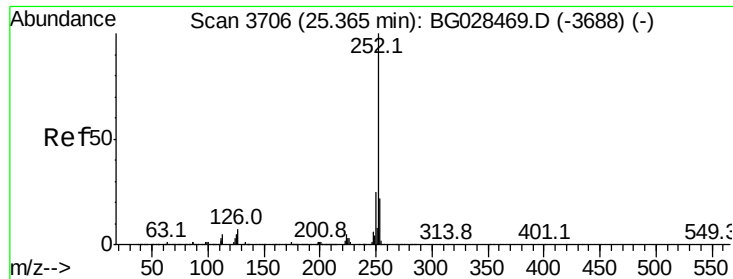
Delta R.T. -0.02 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Tgt Ion:	252	Resp:	51394
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.5	27.7
125	7.0	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 4.986 ng/ul

RT: 25.36 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

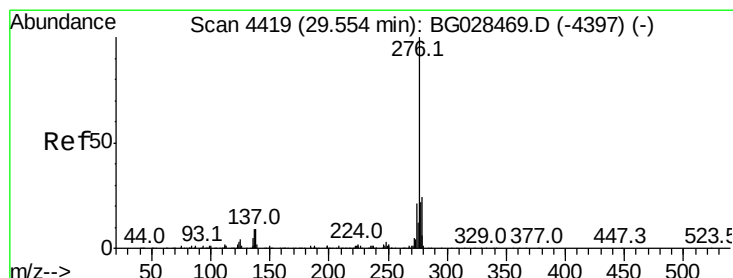
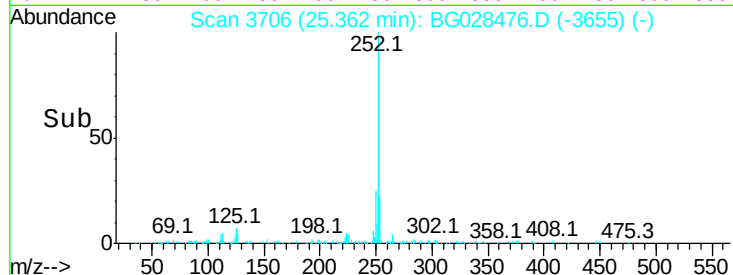
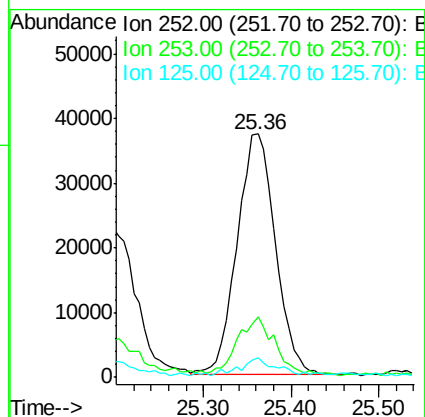
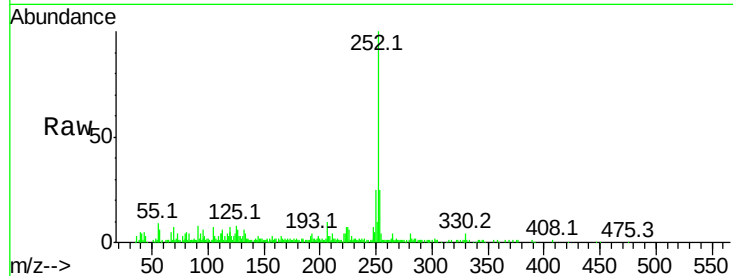
ClientSampled :

B0AN3

Tot Ion:	252	Resp:	109789
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.6
125	8.1	5.4	8.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.628 ng/ul

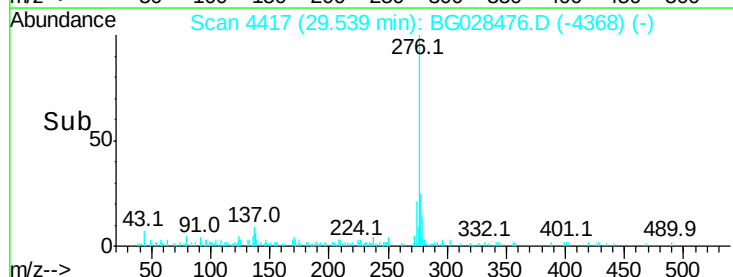
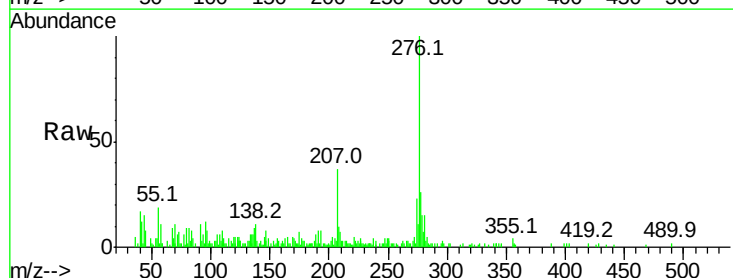
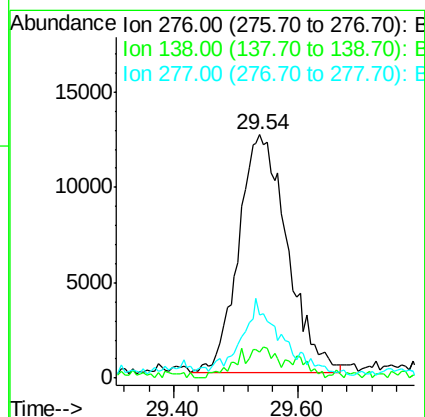
RT: 29.54 min Scan# 4417

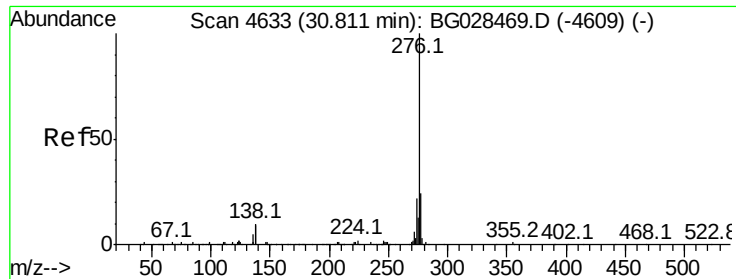
Delta R.T. -0.01 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Tgt Ion:	276	Resp:	67756
Ion Ratio	Lower	Upper	
276	100		
138	10.7	8.2	12.4
277	26.1	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.572 ng/ul
 RT: 30.80 min Scan# 4632
 Delta R.T. -0.01 min
 Lab File: BG028476.D
 Acq: 25 Aug 2017 1:24

Instrument :
 BNA_G
 ClientSampleId :
 B0AN3

Tot Ion:	276	Resp:	54563
Ion Ratio	Lower	Upper	
276	100		
138	9.9	8.6	12.8
277	23.8	17.6	26.4

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