

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028498.D
 Acq On : 25 Aug 2017 19:42
 Operator : SJ/JU
 Sample : I4885-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AP6

Manual Integrations
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 8/28/2017 3:16:47 PM

Quant Time: Aug 26 02:05:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35666	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	154844	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104218	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	246932	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	310047	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	315958	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	2842	3.71	ng/uL	0.00
5) Phenol-d5	7.49	99	84606	21.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	48814	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	61199	24.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	69582	21.25	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	29263	24.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	37441	28.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	69813	25.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	25300	8.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	232468	25.08	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	264797	25.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	32348	21.95	ng/ul	0.00
57) Fluorene-d10	15.94	176	200327	24.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	32137	20.03	ng/ul	0.00
70) Anthracene-d10	17.80	188	316174	26.70	ng/ul	0.00
76) Pyrene-d10	20.07	212	385542	24.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	382014	25.83	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.52	94	7982	2.050	ng/ul#	84
44) Dimethylphthalate	14.38	163	67084	7.860	ng/ul	96
69) Phenanthrene	17.74	178	104997	8.449	ng/ul	97
71) Anthracene	17.84	178	16448m	1.295	ng/ul	
74) Fluoranthene	19.74	202	183430	12.146	ng/ul	99
77) Pyrene	20.10	202	174606	9.439	ng/ul	97
80) Benzo(a)anthracene	22.01	228	86411	4.824	ng/ul	98
82) Chrysene	22.08	228	83499	5.175	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	102465	5.419	ng/ul#	79
86) Benzo(k)fluoranthene	24.48	252	43635m	2.363	ng/ul	
88) Benzo(a)pyrene	25.39	252	79952	4.367	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	29.59	276	49398	2.304	ng/ul#	87
91) Benzo(g,h,i)perylene	30.87	276	43515m	2.467	ng/ul	

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

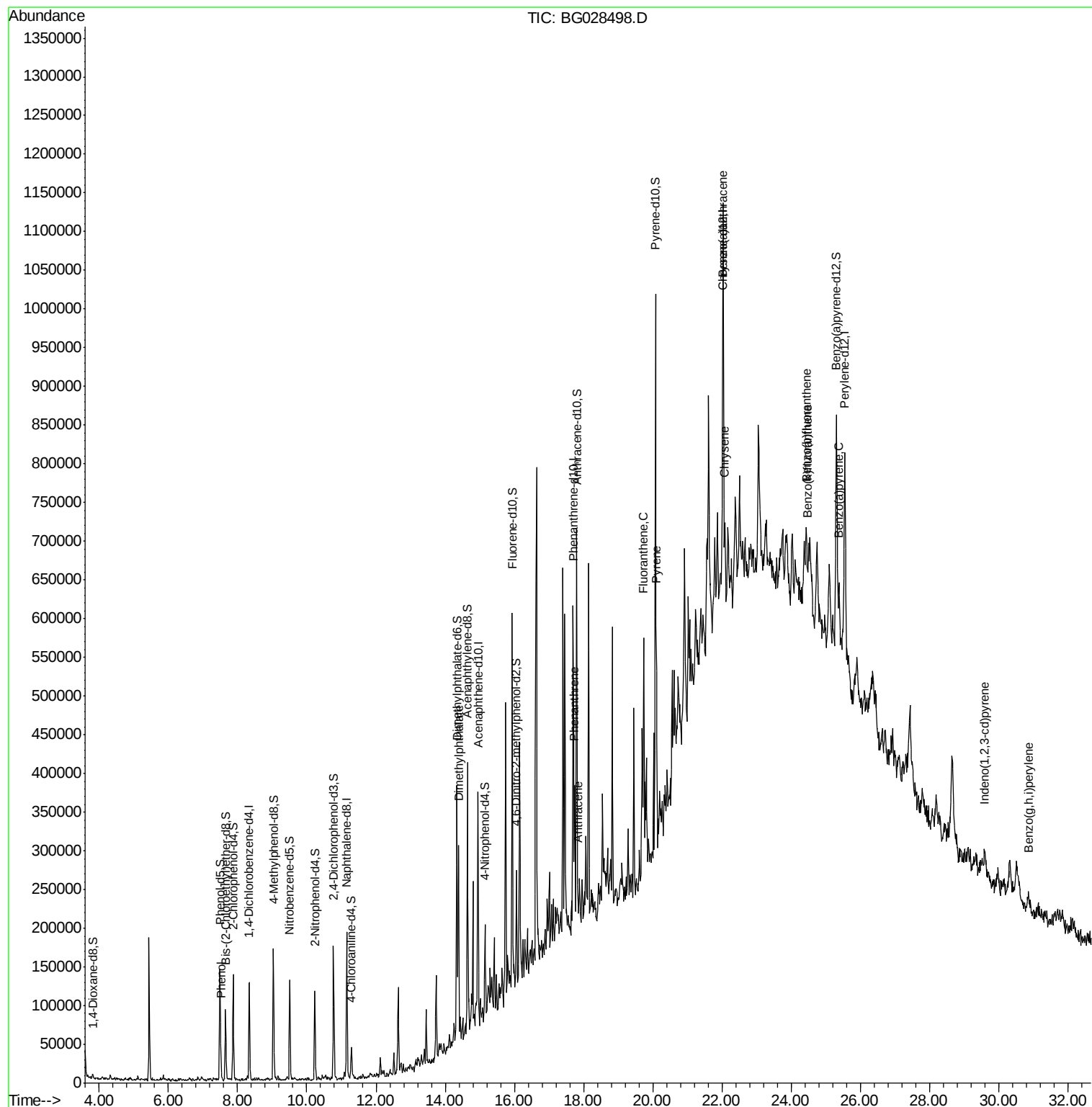
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028498.D
Acq On : 25 Aug 2017 19:42
Operator : SJ/JU
Sample : I4885-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

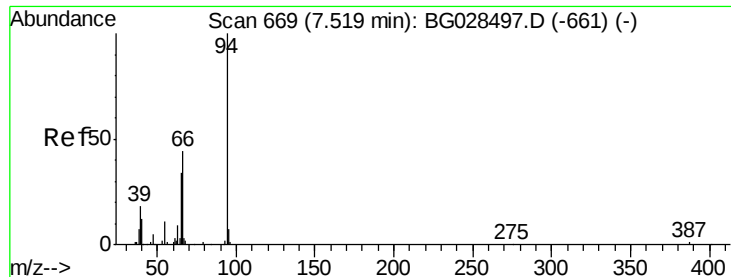
Instrument :
BNA_G
ClientSampled :
B0AP6

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Quant Time: Aug 26 02:05:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.050 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

B0AP6

Tgt Ion: 94 Resp: 7982

Ion Ratio Lower Upper

94 100

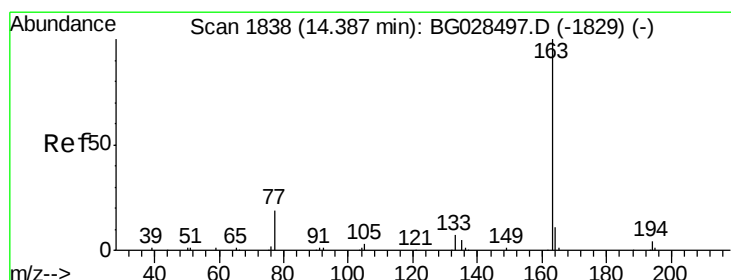
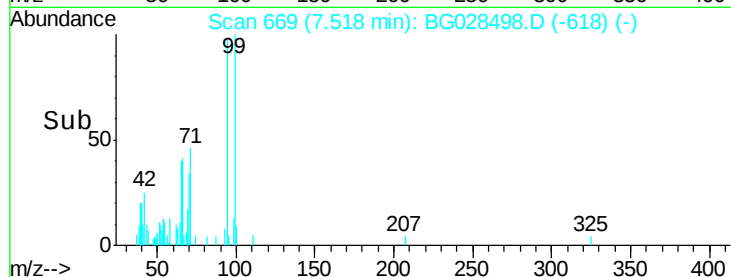
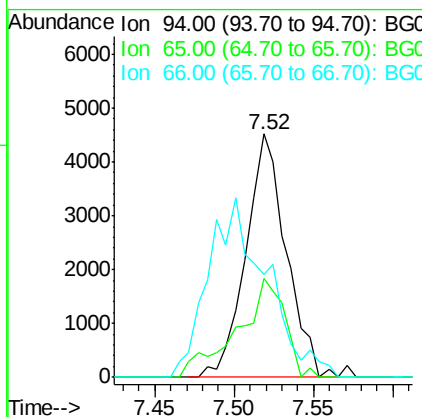
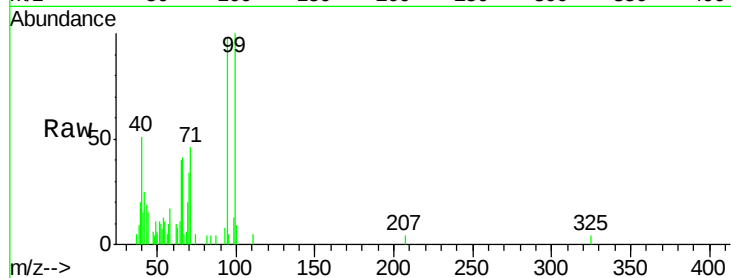
65 40.4 26.8 40.2#

66 42.5 44.4 66.6#

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#44

Dimethylphthalate

Concen: 7.860 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

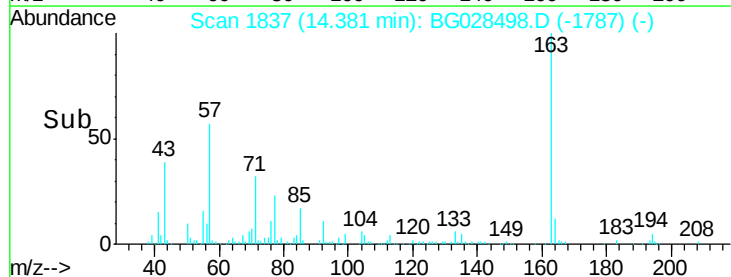
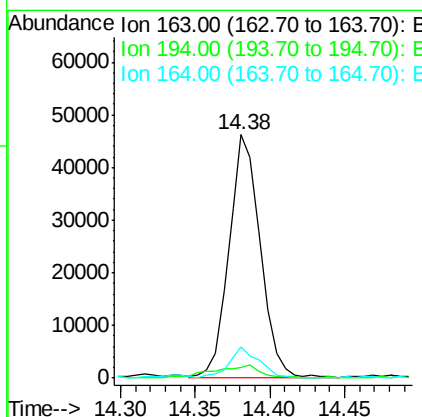
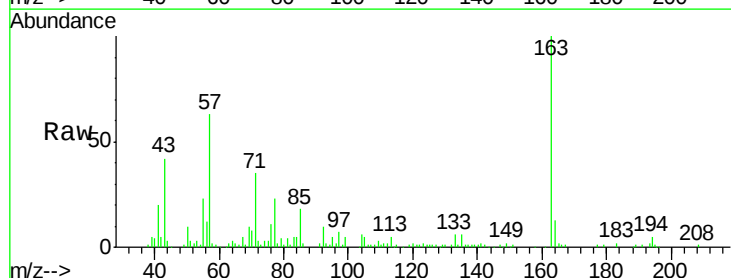
Tgt Ion: 163 Resp: 67084

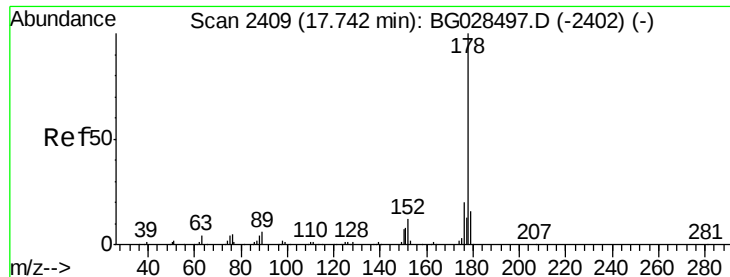
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 12.9 9.0 13.4





#69

Phenanthrene

Concen: 8.449 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

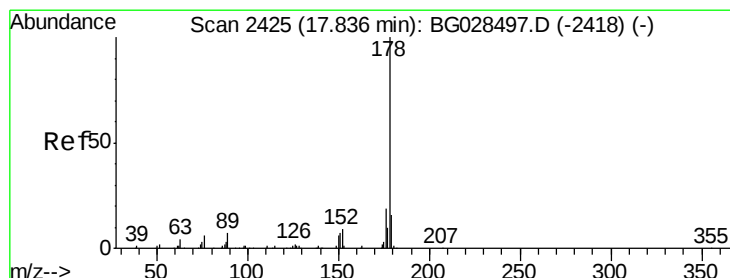
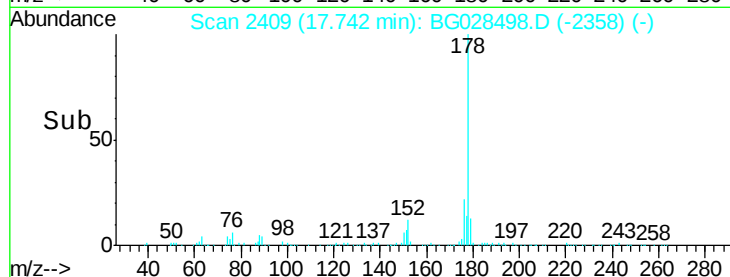
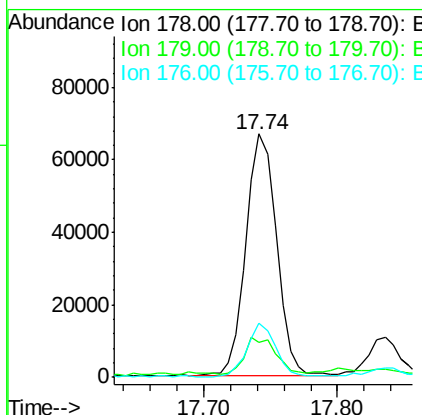
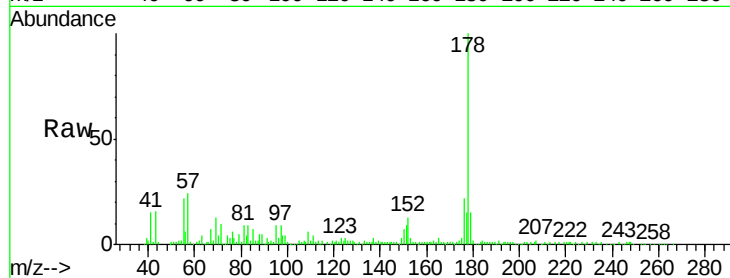
ClientSampleId :

B0AP6

Tgt Ion:	178	Resp:	104997
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.4	18.6
176	22.5	16.5	24.7

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#71

Anthracene

Concen: 1.295 ng/ul m

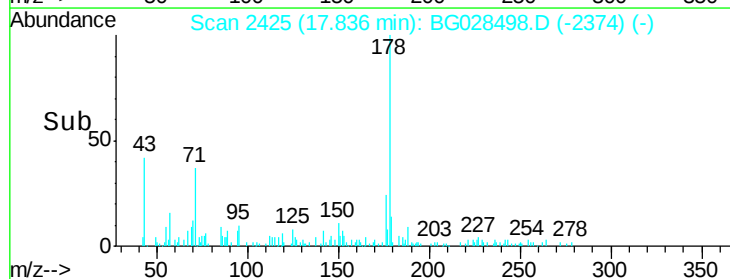
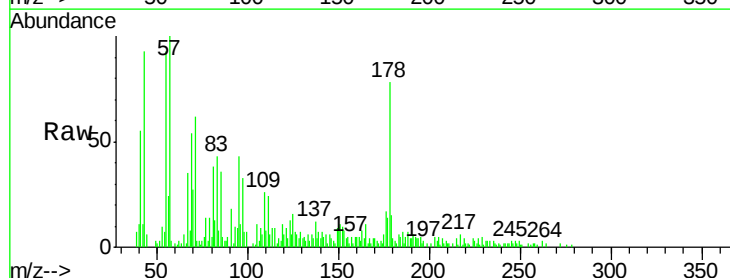
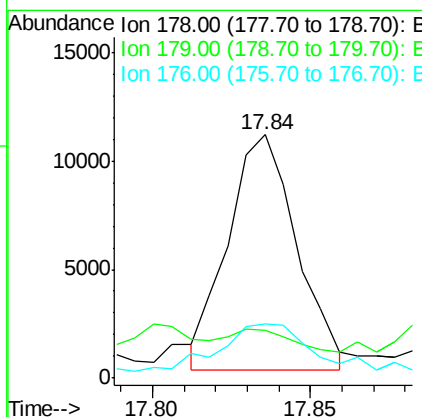
RT: 17.84 min Scan# 2425

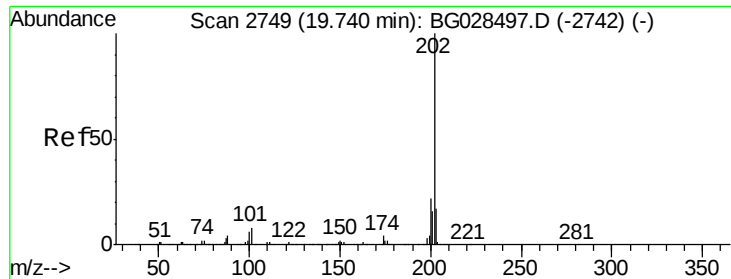
Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Tgt Ion:	178	Resp:	16448
Ion Ratio	Lower	Upper	
178	100		
179	19.6	12.6	19.0#
176	22.1	15.9	23.9





#74

Fluoranthene

Concen: 12.146 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

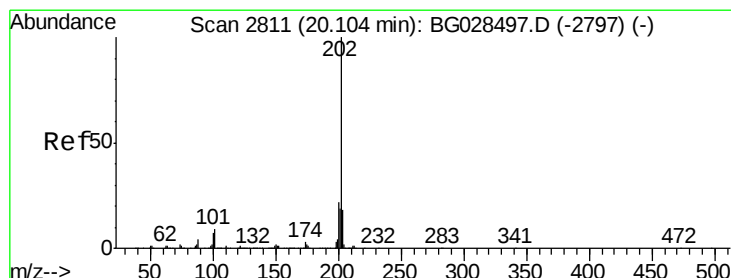
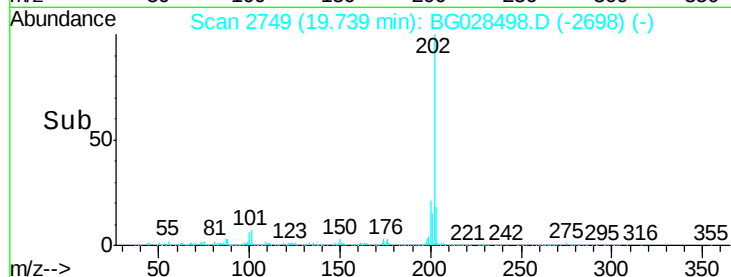
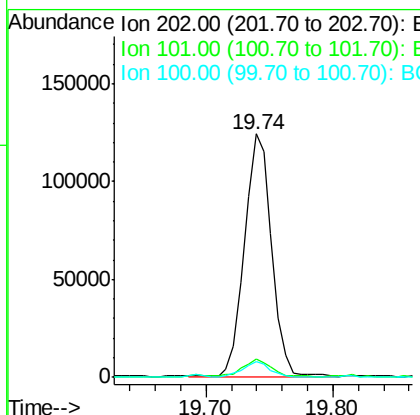
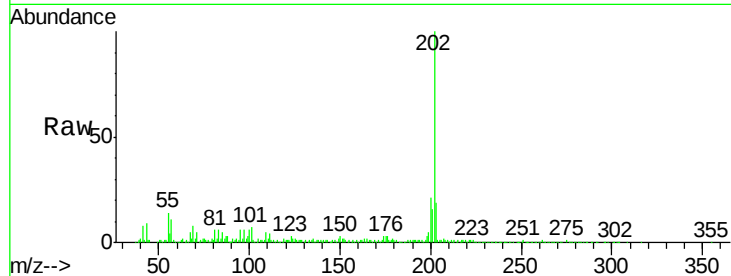
ClientSampleId :

B0AP6

Tgt Ion:	202	Resp:	183430
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.2	9.2
100	6.4	5.2	7.8

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#77

Pyrene

Concen: 9.439 ng/ul

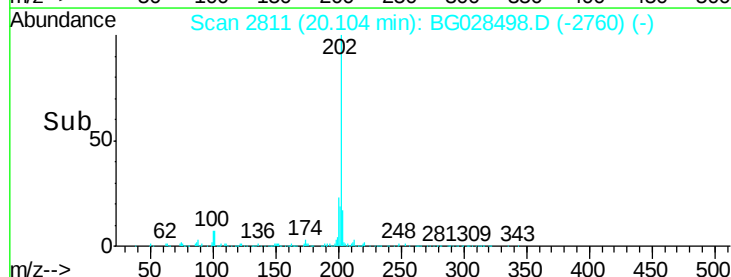
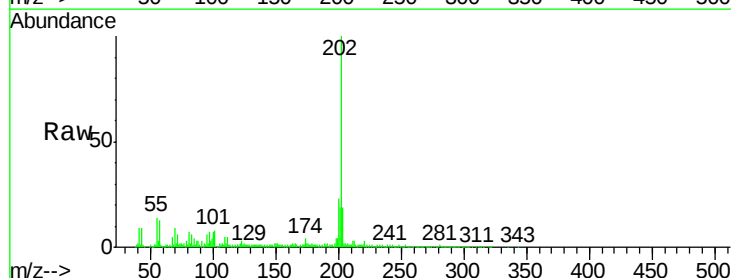
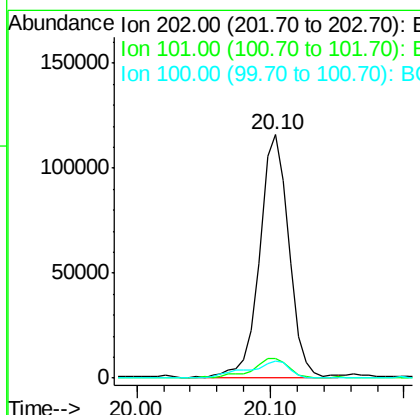
RT: 20.10 min Scan# 2811

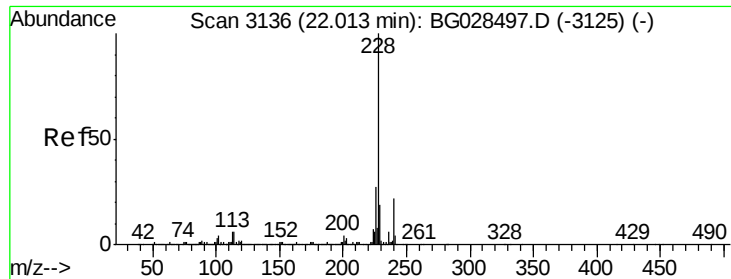
Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Tgt Ion:	202	Resp:	174606
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.9	10.3
100	6.8	6.6	10.0





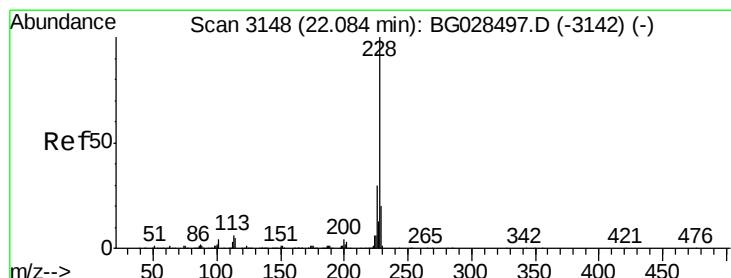
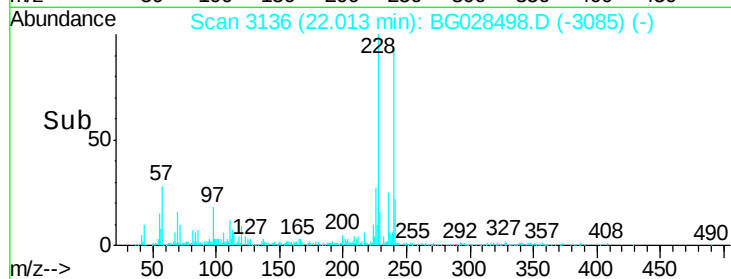
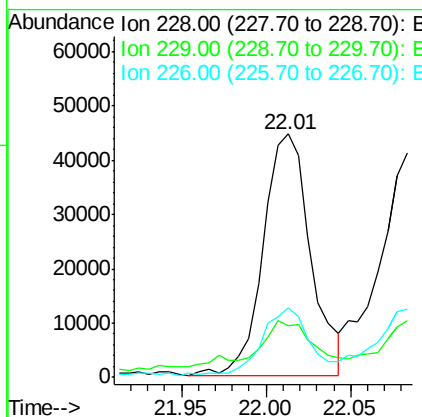
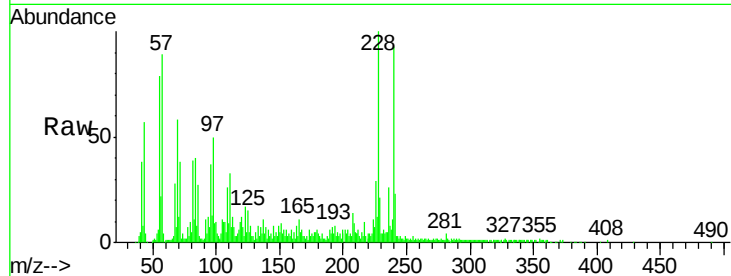
#80
Benzo(a)anthracene
Concen: 4.824 ng/ul
RT: 22.01 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG028498.D
Acq: 25 Aug 2017 19:42

Instrument :
BNA_G
ClientSampleId :
B0AP6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.3	24.5
226	28.7	21.9	32.9

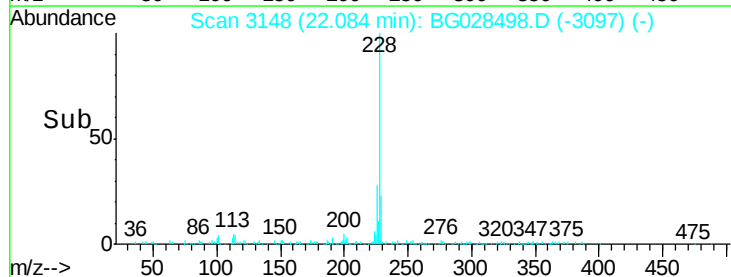
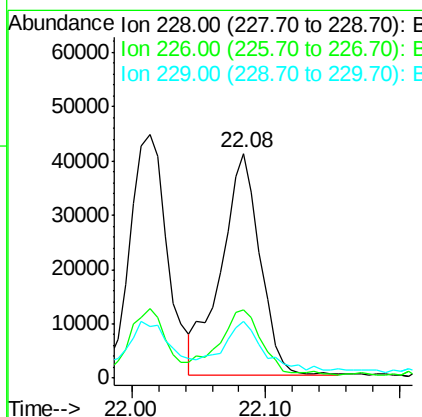
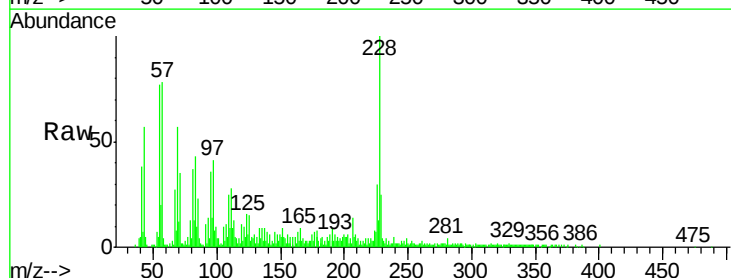
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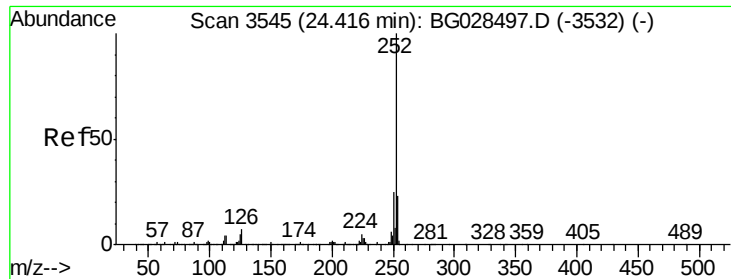
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#82
Chrysene
Concen: 5.175 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG028498.D
Acq: 25 Aug 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	25.1	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 5.419 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

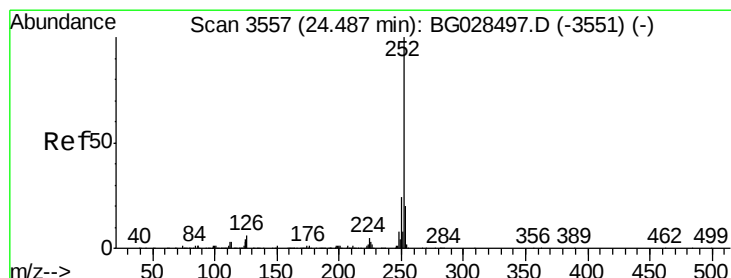
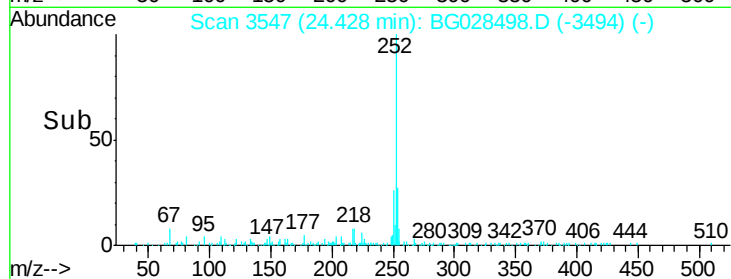
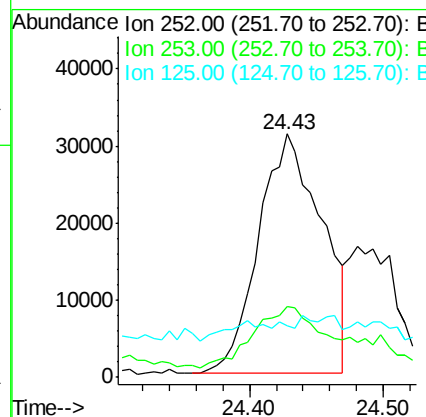
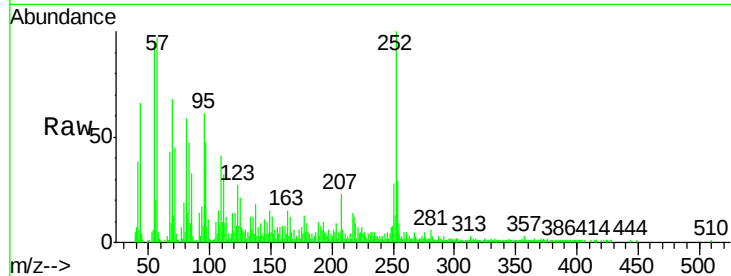
ClientSampleId :

B0AP6

Tgt Ion:	252	Resp:	102465
Ion Ratio		Lower	Upper
252	100		
253	29.2	17.7	26.5#
125	21.4	4.0	6.0#

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#86

Benzo(k)fluoranthene

Concen: 2.363 ng/ul m

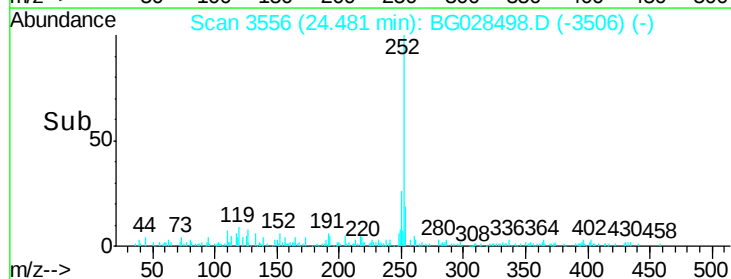
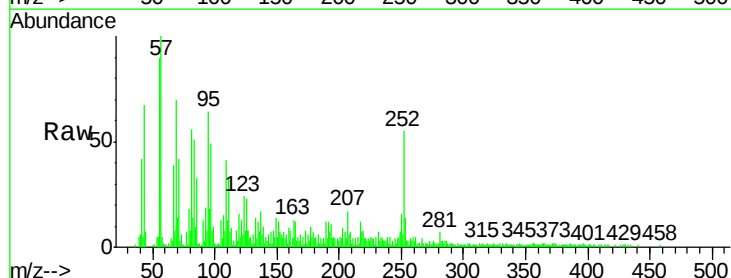
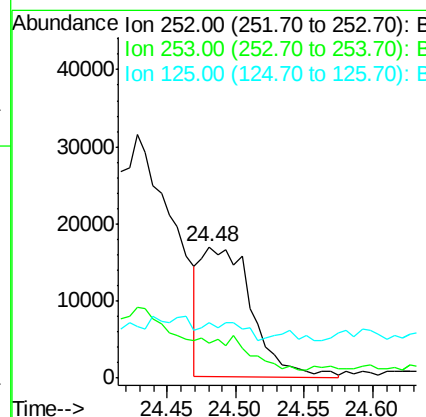
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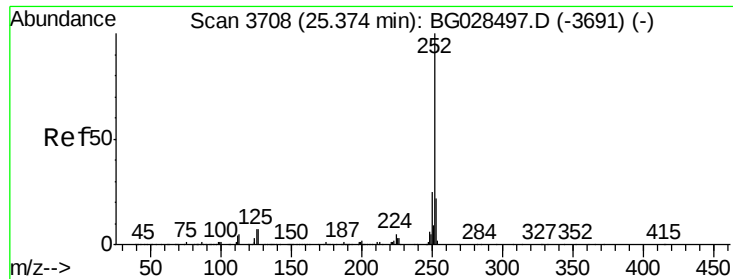
Delta R.T. -0.01 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Tgt Ion:	252	Resp:	43635
Ion Ratio		Lower	Upper
252	100		
253	26.2	18.5	27.7
125	42.3	4.1	6.1#





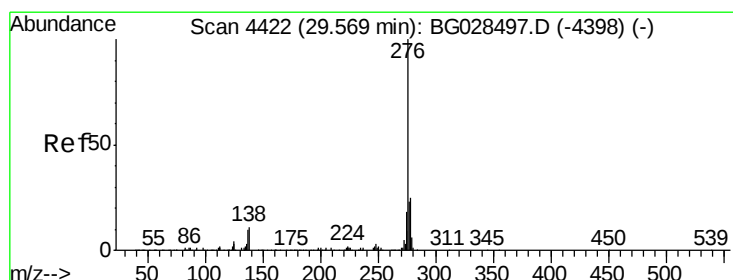
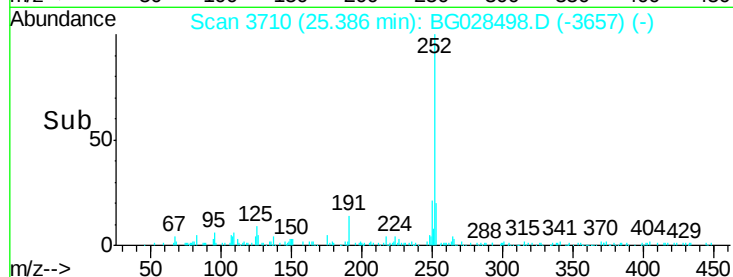
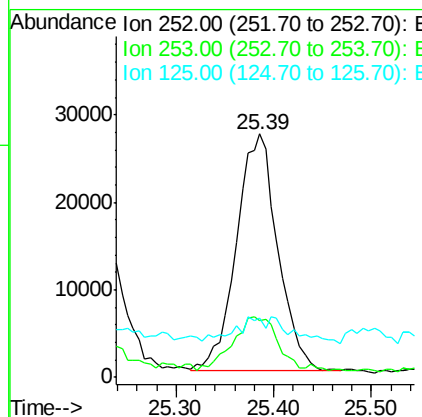
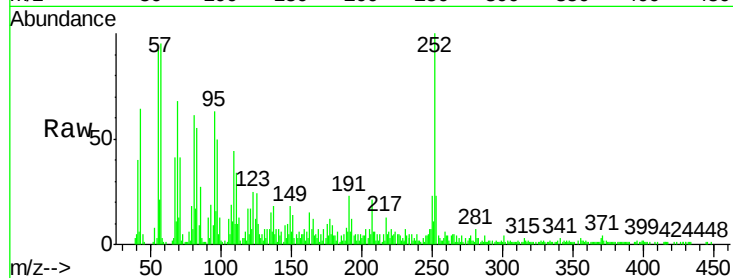
#88
Benzo(a)pyrene
Concen: 4.367 ng/ul
RT: 25.39 min Scan# 3710
Delta R.T. 0.01 min
Lab File: BG028498.D
Acq: 25 Aug 2017 19:42

Instrument :
BNA_G
ClientSampleId :
B0AP6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.8	26.6
125	24.2	5.4	8.0

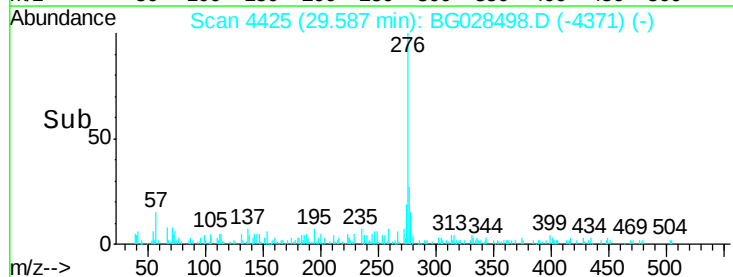
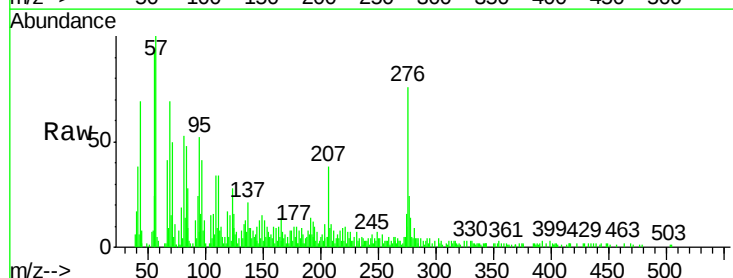
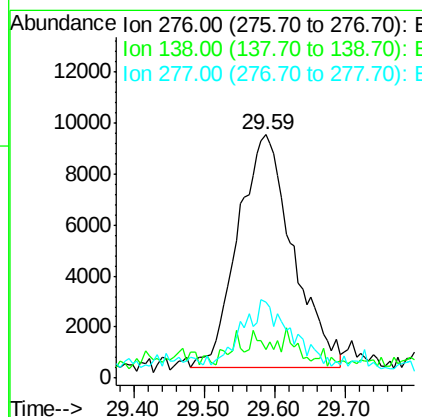
Manual Integrations
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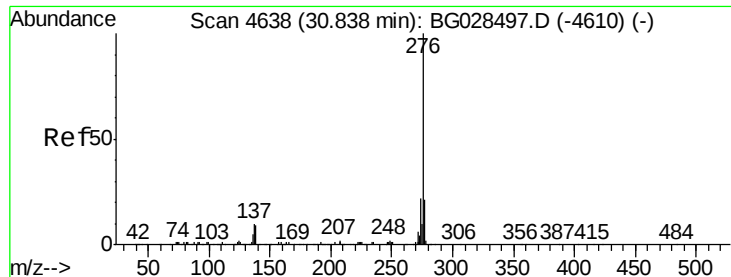
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.304 ng/ul
RT: 29.59 min Scan# 4425
Delta R.T. 0.02 min
Lab File: BG028498.D
Acq: 25 Aug 2017 19:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	11.7	8.2	12.4
277	31.3	18.6	28.0





#91
 Benzo(g,h,i)perylene
 Concen: 2.467 ng/ul m
 RT: 30.87 min Scan# 4643
 Delta R.T. 0.03 min
 Lab File: BG028498.D
 Acq: 25 Aug 2017 19:42

Instrument :
 BNA_G
 ClientSampleId :
 B0AP6

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	7.6	8.6	12.8#	
277	26.1	17.6	26.4	

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