

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016042.D
 Acq On : 25 Feb 2015 18:42
 Operator : TP/IZ
 Sample : G1354-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE3

Manual Integrations
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 2/27/2015 10:57:59 AM

Quant Time: Feb 26 01:30:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93002	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	426403	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	258844	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	524621	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	519821	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	509867	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	92772	10.49	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	53110	10.16	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	69507	10.62	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	70232	10.73	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	31895	10.58	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	26452	9.52	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	63869	10.59	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	94872	14.28	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	213678	12.35	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	290093	11.84	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	21588	6.20	ng/ul	0.00
55) Fluorene-d10	15.43	176	207665	11.94	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	8558	4.23	ng/ul	0.00
68) Anthracene-d10	17.27	188	298730	12.01	ng/ul	0.00
76) Pyrene-d10	19.56	212	301845	12.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	278378	12.04	ng/ul	0.00

Target Compounds

						Qvalue
4) Phenol	7.00	94	10967	1.18	ng/ul	96
42) Dimethylphthalate	13.89	163	19459	1.08	ng/ul	98
67) Phenanthrene	17.22	178	136978	4.69	ng/ul	98
69) Anthracene	17.31	178	34522	1.16	ng/ul	99
74) Fluoranthene	19.23	202	308493	9.67	ng/ul	99
77) Pyrene	19.59	202	255974	8.10	ng/ul	97
80) Benzo(a)anthracene	21.33	228	164749	5.70	ng/ul	100
82) Chrysene	21.38	228	145300	5.27	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	217061	7.63	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	62508m	2.19	ng/ul	
88) Benzo(a)pyrene	23.55	252	151998	5.38	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	96983	2.95	ng/ul	97
91) Benzo(g,h,i)perylene	26.72	276	81099	2.95	ng/ul	98

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

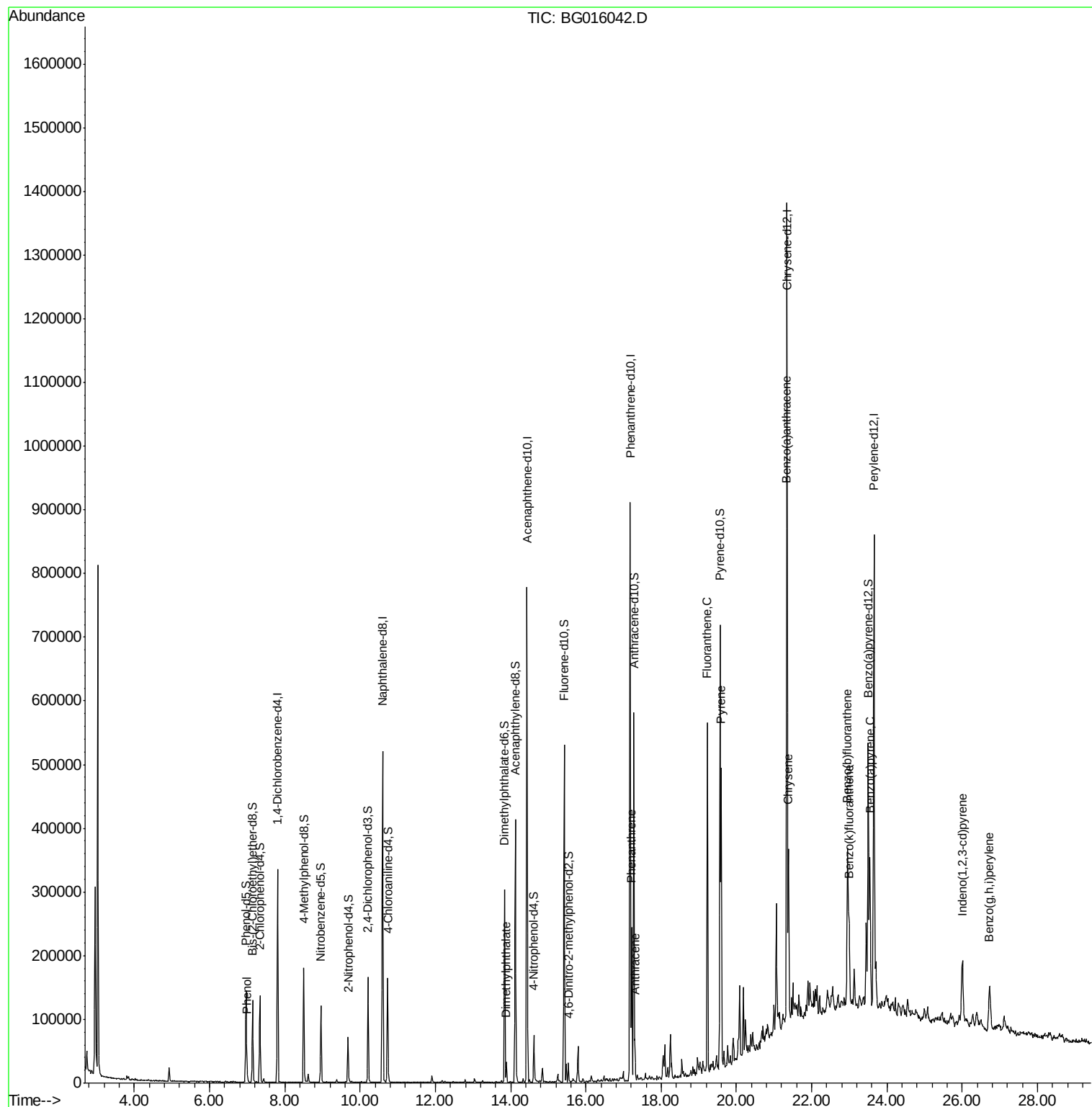
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016042.D
Acq On : 25 Feb 2015 18:42
Operator : TP/IZ
Sample : G1354-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

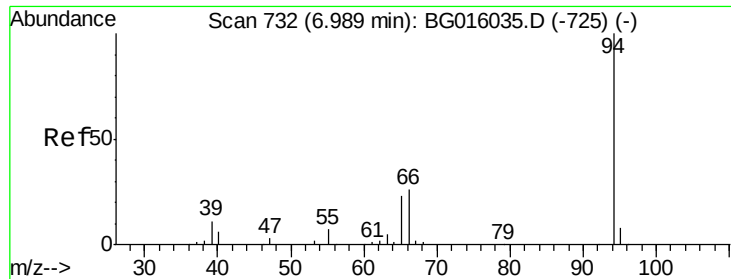
Instrument :
BNA_G
ClientSampled :
C0AE3

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Quant Time: Feb 26 01:30:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration





#4

Phenol

Concen: 1.18 ng/ul

RT: 7.00 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016042.D

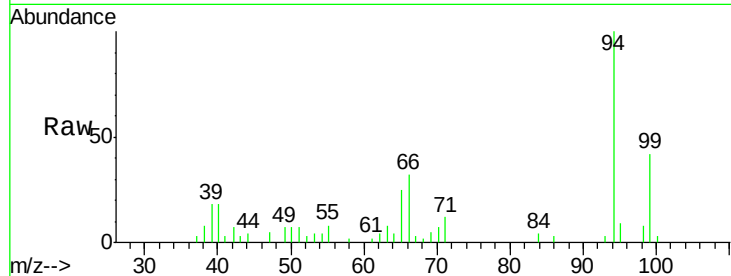
Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

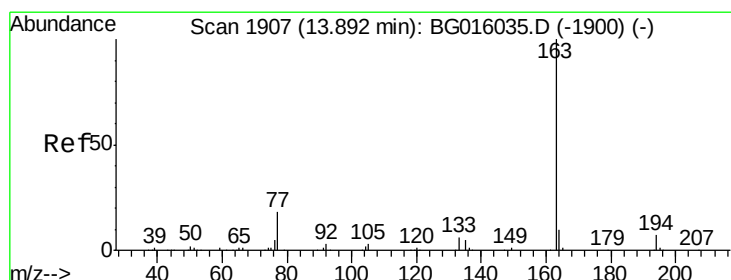
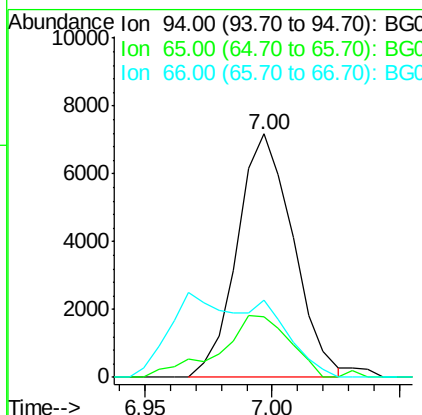
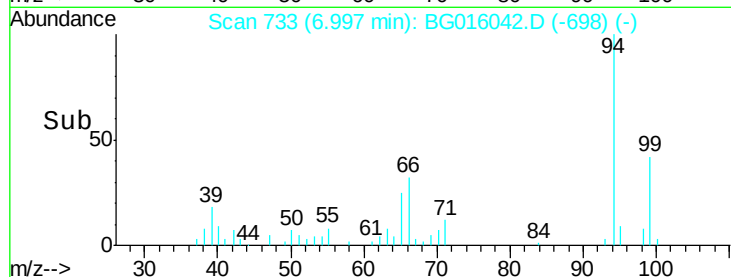
C0AE3



Tgt Ion:	94	Resp:	10967
Ion	Ratio	Lower	Upper
94	100		
65	25.0	20.8	31.2
66	31.9	22.6	34.0

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#42

Dimethylphthalate

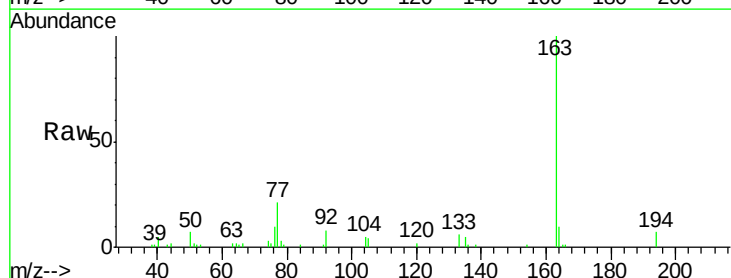
Concen: 1.08 ng/ul

RT: 13.89 min Scan# 1906

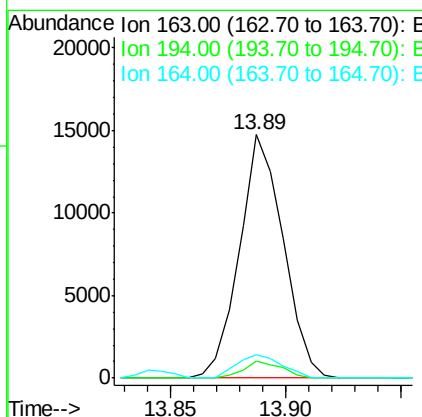
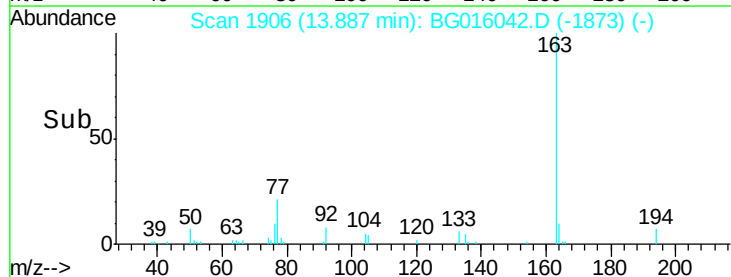
Delta R.T. -0.00 min

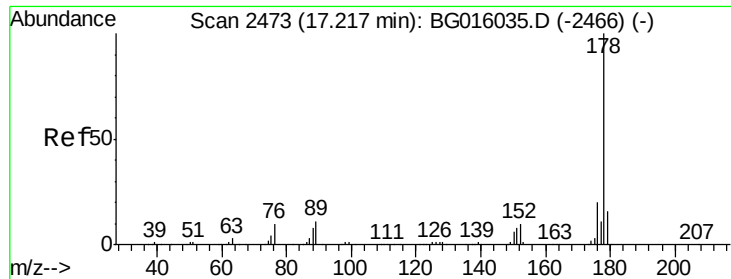
Lab File: BG016042.D

Acq: 25 Feb 2015 18:42



Tgt Ion:	163	Resp:	19459
Ion	Ratio	Lower	Upper
163	100		
194	7.1	5.3	7.9
164	9.8	8.5	12.7





#67

Phenanthrene

Concen: 4.69 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

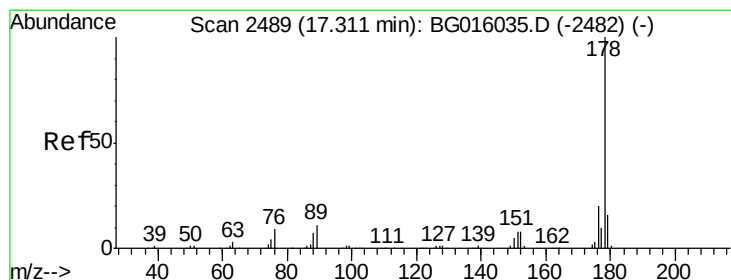
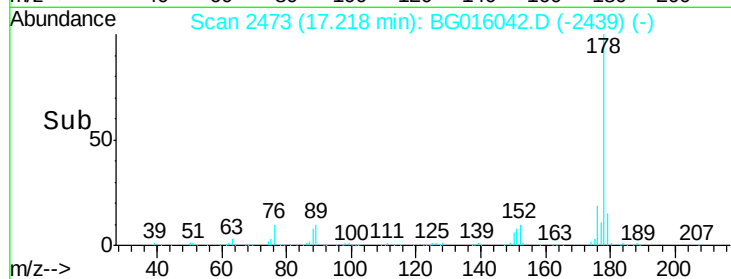
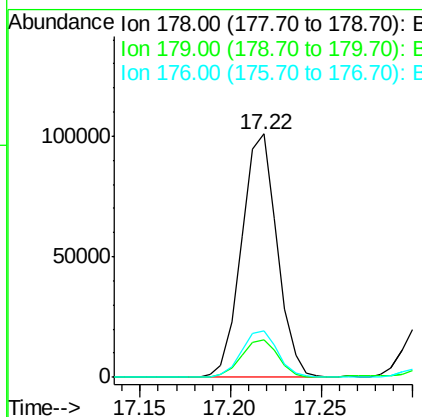
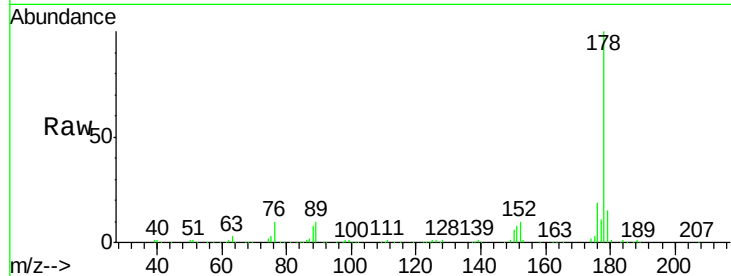
ClientSampleId :

C0AE3

Tgt Ion:	178	Resp:	136978
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	19.2	16.5	24.7

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#69

Anthracene

Concen: 1.16 ng/ul

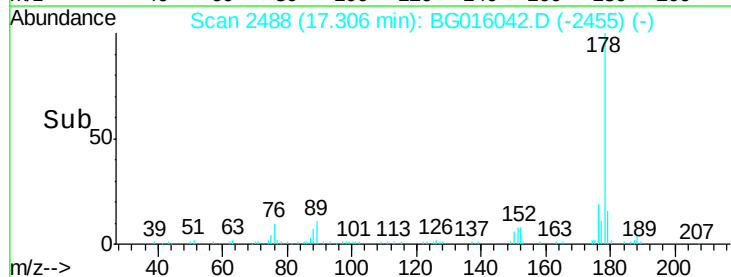
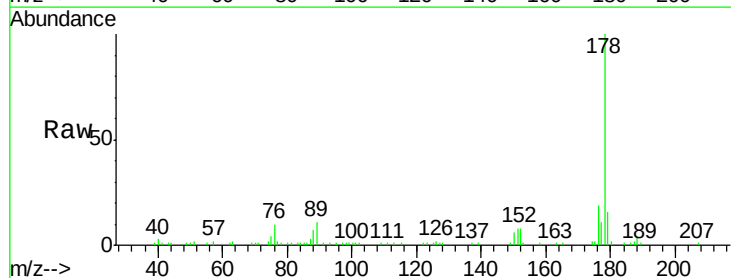
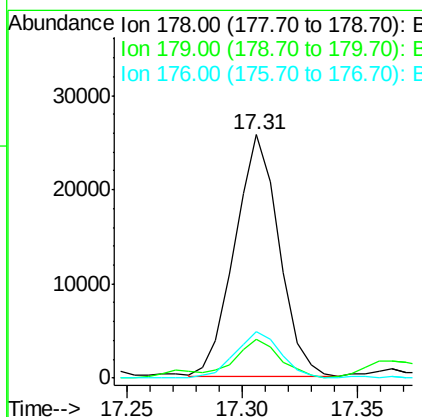
RT: 17.31 min Scan# 2488

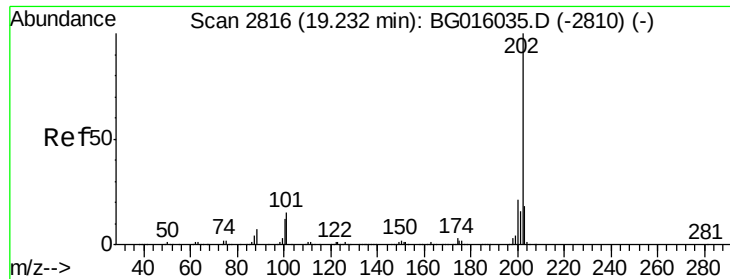
Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Tgt Ion:	178	Resp:	34522
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	19.0	15.7	23.5





#74

Fluoranthene

Concen: 9.67 ng/ul

RT: 19.23 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

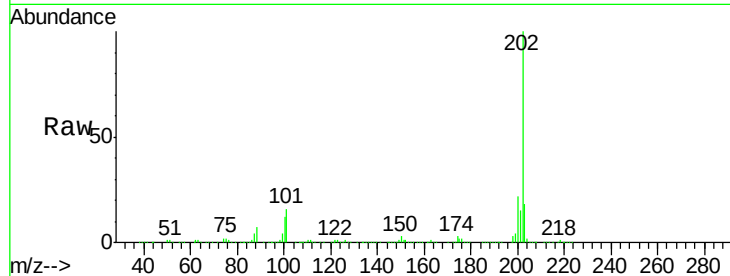
ClientSampleId :

C0AE3

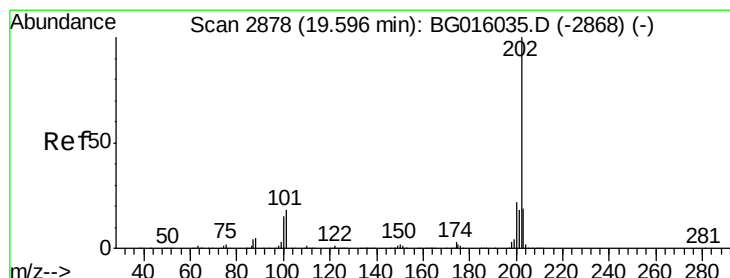
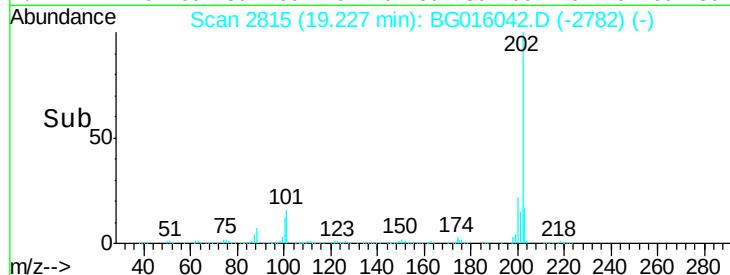
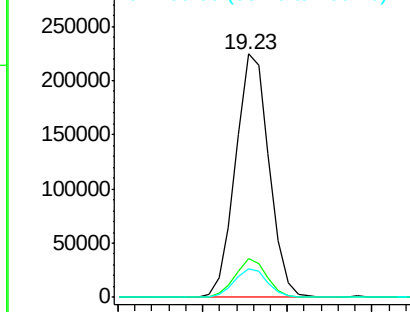
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		308493		
101	15.9	12.3	18.5		
100	11.6	9.8	14.6		

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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



#77

Pyrene

Concen: 8.10 ng/ul

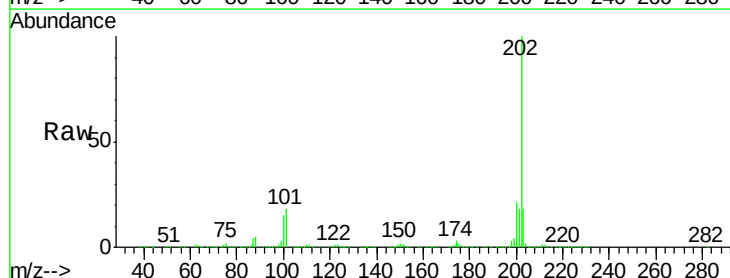
RT: 19.59 min Scan# 2877

Delta R.T. -0.00 min

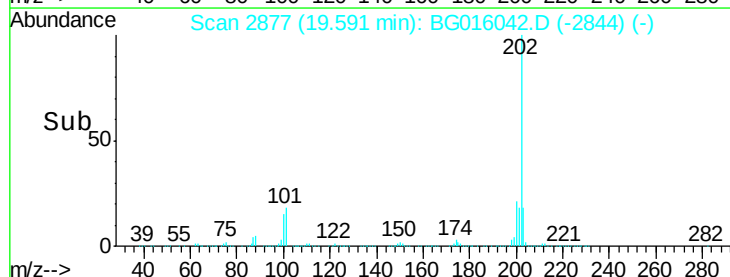
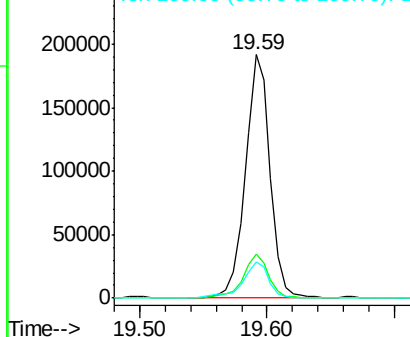
Lab File: BG016042.D

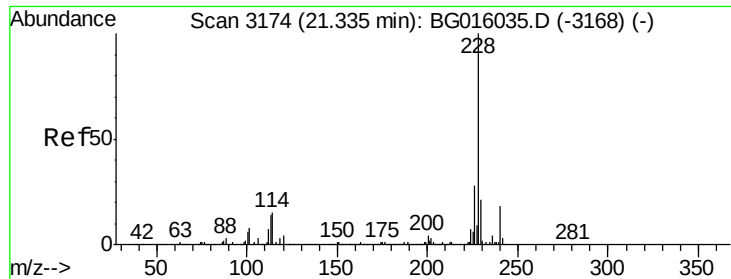
Acq: 25 Feb 2015 18:42

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		255974		
101	18.0	15.8	23.8		
100	15.0	12.7	19.1		



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





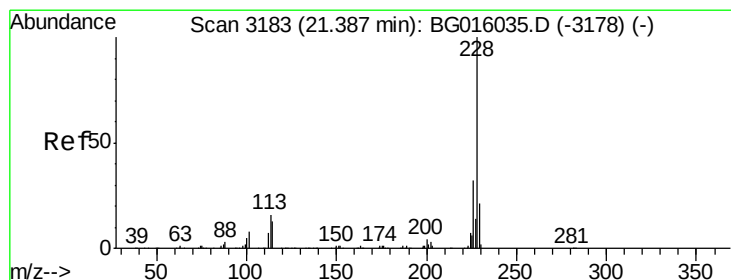
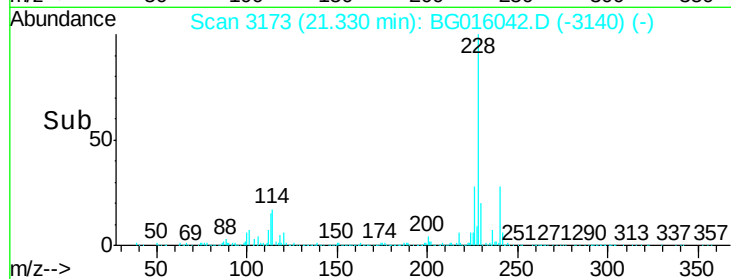
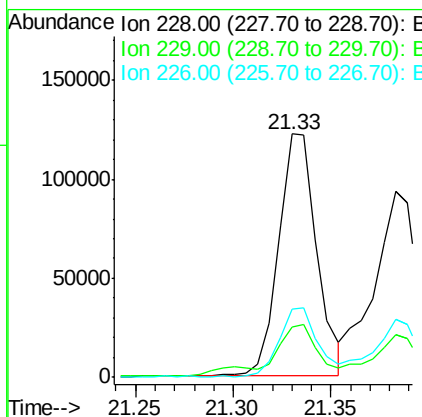
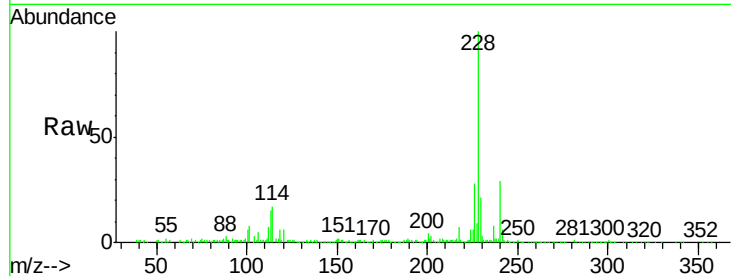
#80
Benzo(a)anthracene
Concen: 5.70 ng/ul
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG016042.D
Acq: 25 Feb 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C0AE3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.4	24.6
226	28.3	22.8	34.2

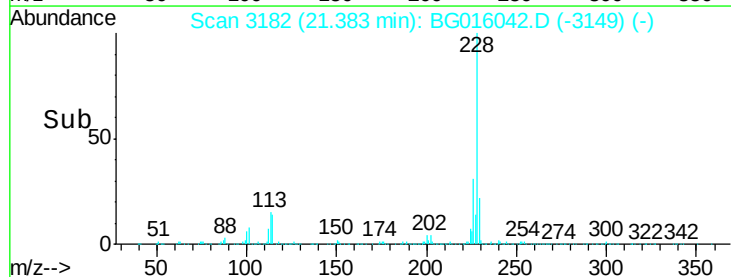
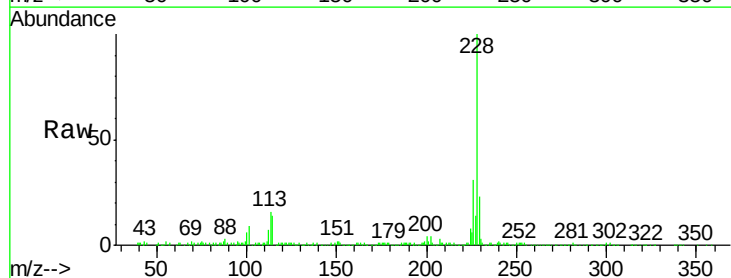
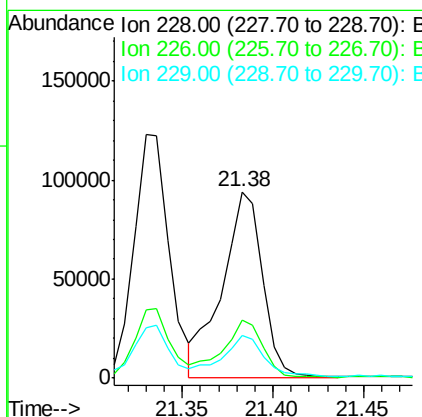
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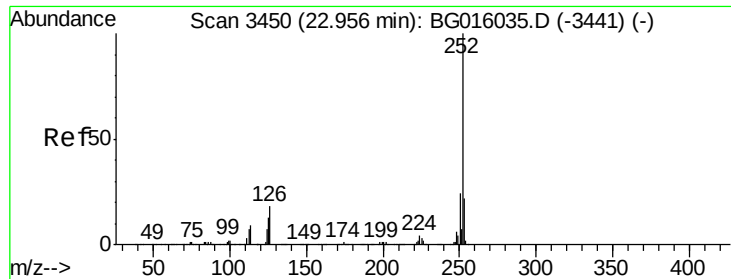
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#82
Chrysene
Concen: 5.27 ng/ul
RT: 21.38 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BG016042.D
Acq: 25 Feb 2015 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	23.0	17.0	25.6





#85

Benzo(b)fluoranthene

Concen: 7.63 ng/ul

RT: 22.95 min Scan# 3449

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

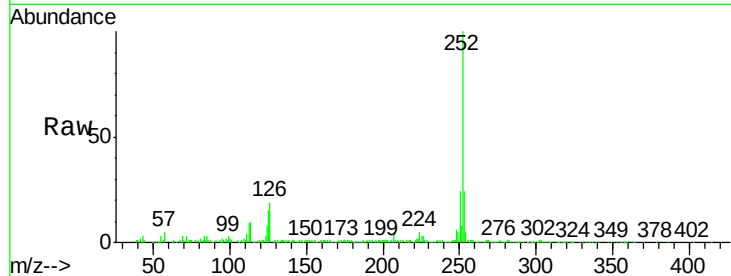
ClientSampleId :

C0AE3

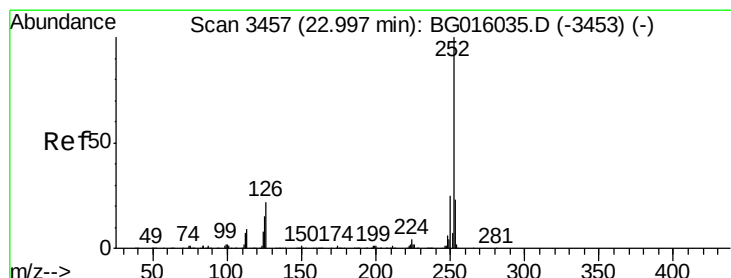
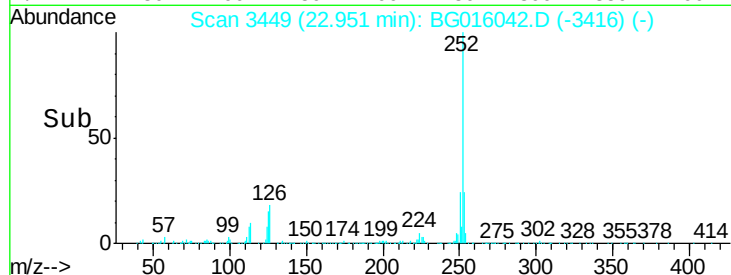
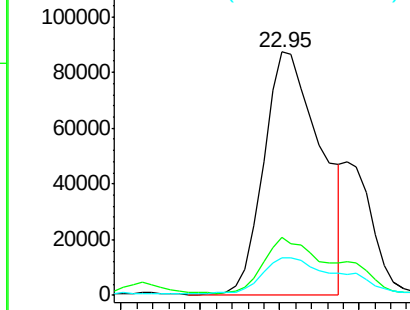
Tgt Ion:	252	Resp:	217061
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.2
125	15.2	11.9	17.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 2.19 ng/ul m

RT: 22.99 min Scan# 3456

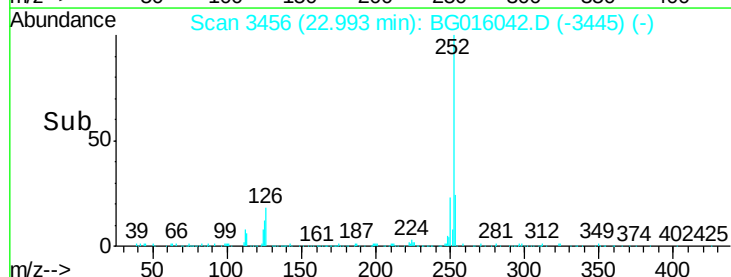
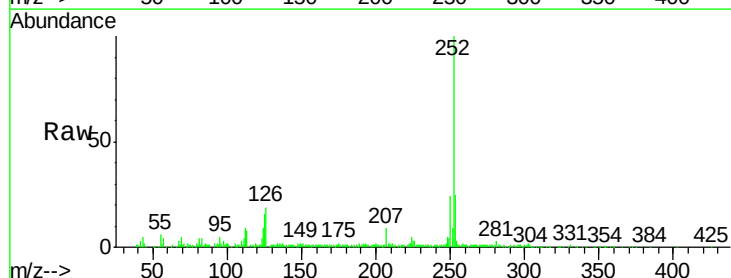
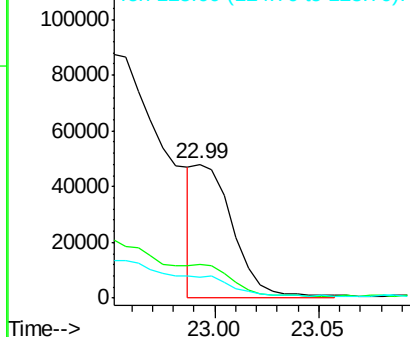
Delta R.T. -0.00 min

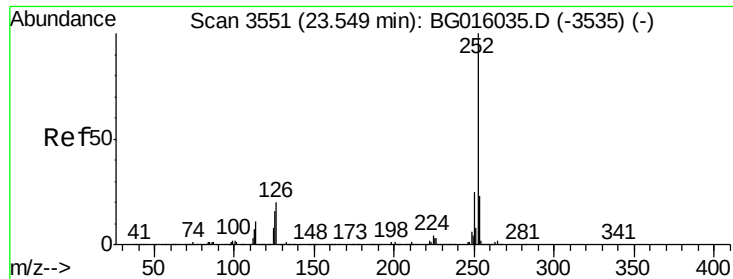
Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Tgt Ion:	252	Resp:	62508
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.2	27.2
125	15.6	11.4	17.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.38 ng/ul

RT: 23.55 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG016042.D

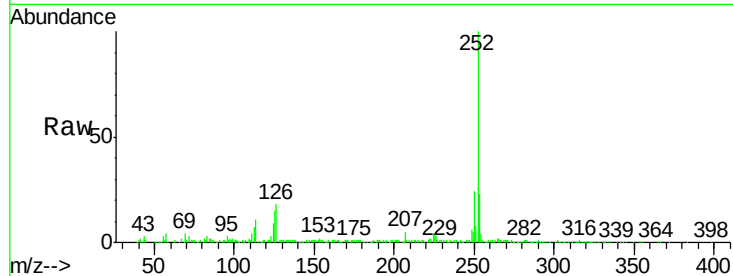
Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampled :

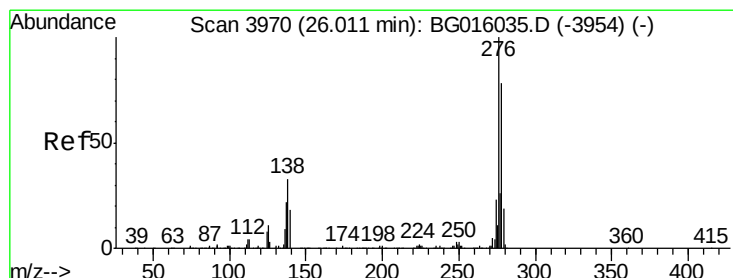
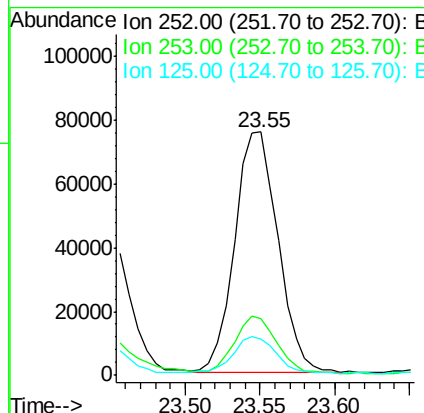
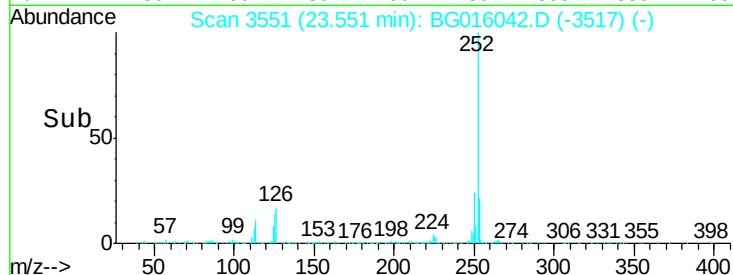
C0AE3



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	151998		
253	23.1	17.9	26.9	
125	15.1	13.2	19.8	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.95 ng/ul

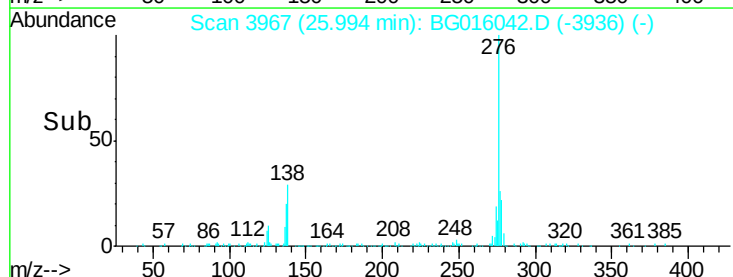
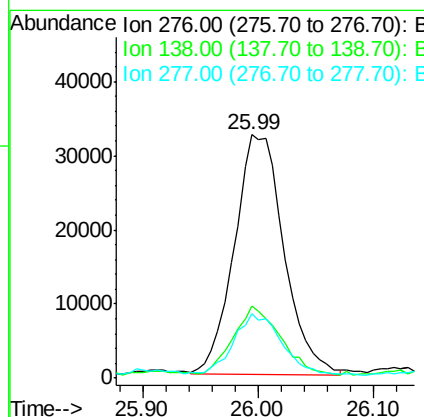
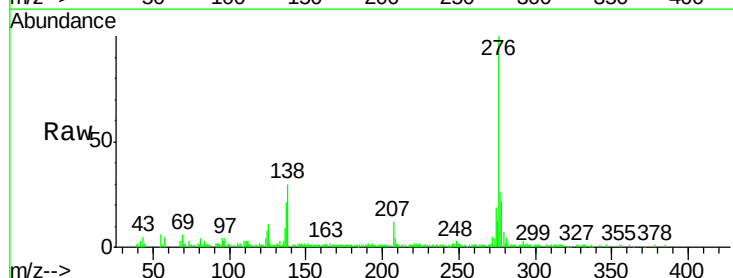
RT: 25.99 min Scan# 3967

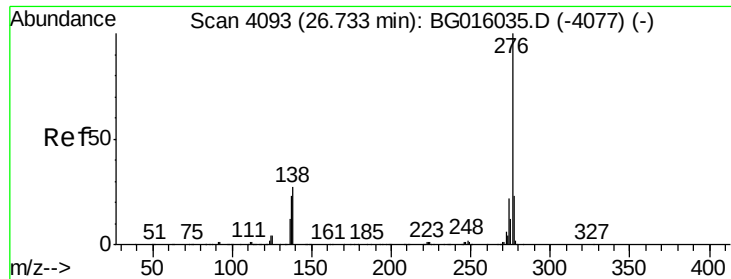
Delta R.T. -0.02 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	96983		
138	29.5	26.2	39.4	
277	26.3	21.0	31.6	





#91
 Benzo(g,h,i)perylene
 Concen: 2.95 ng/ul
 RT: 26.72 min Scan# 4091
 Delta R.T. -0.01 min
 Lab File: BG016042.D
 Acq: 25 Feb 2015 18:42

Instrument :
 BNA_G
 ClientSampleId :
 C0AE3

Tgt Ion:	276	Resp:	81099
Ion Ratio	Lower	Upper	
276	100		
138	30.9	23.0	34.4
277	25.0	20.0	30.0

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