

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008008.D
 Acq On : 22 Nov 2016 23:23
 Operator : UM/SJ
 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR0

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Quant Time: Nov 23 10:24:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	614	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2097	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1278	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2658m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2549	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	2212m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	596	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1468	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	239	0.04	ng/ul#	45
5) 2-Methylnaphthalene	12.18	142	159	0.04	ng/ul	97
12) Phenanthrene	17.14	178	2100m	0.25	ng/ul	
13) Anthracene	17.23	178	710	0.09	ng/ul#	80
15) Fluoranthene	19.16	202	4016	0.38	ng/ul	98
17) Pyrene	19.53	202	4178	0.47	ng/ul	99
18) Benzo(a)anthracene	21.28	228	2223	0.28	ng/ul	95
19) Chrysene	21.33	228	2465	0.25	ng/ul	94
21) Benzo(b)fluoranthene	22.86	252	3352m	0.38	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	854m	0.09	ng/ul	
23) Benzo(a)pyrene	23.43	252	2185m	0.26	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	1557m	0.15	ng/ul	
26) Benzo(g,h,i)perylene	26.48	276	1522m	0.17	ng/ul	

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

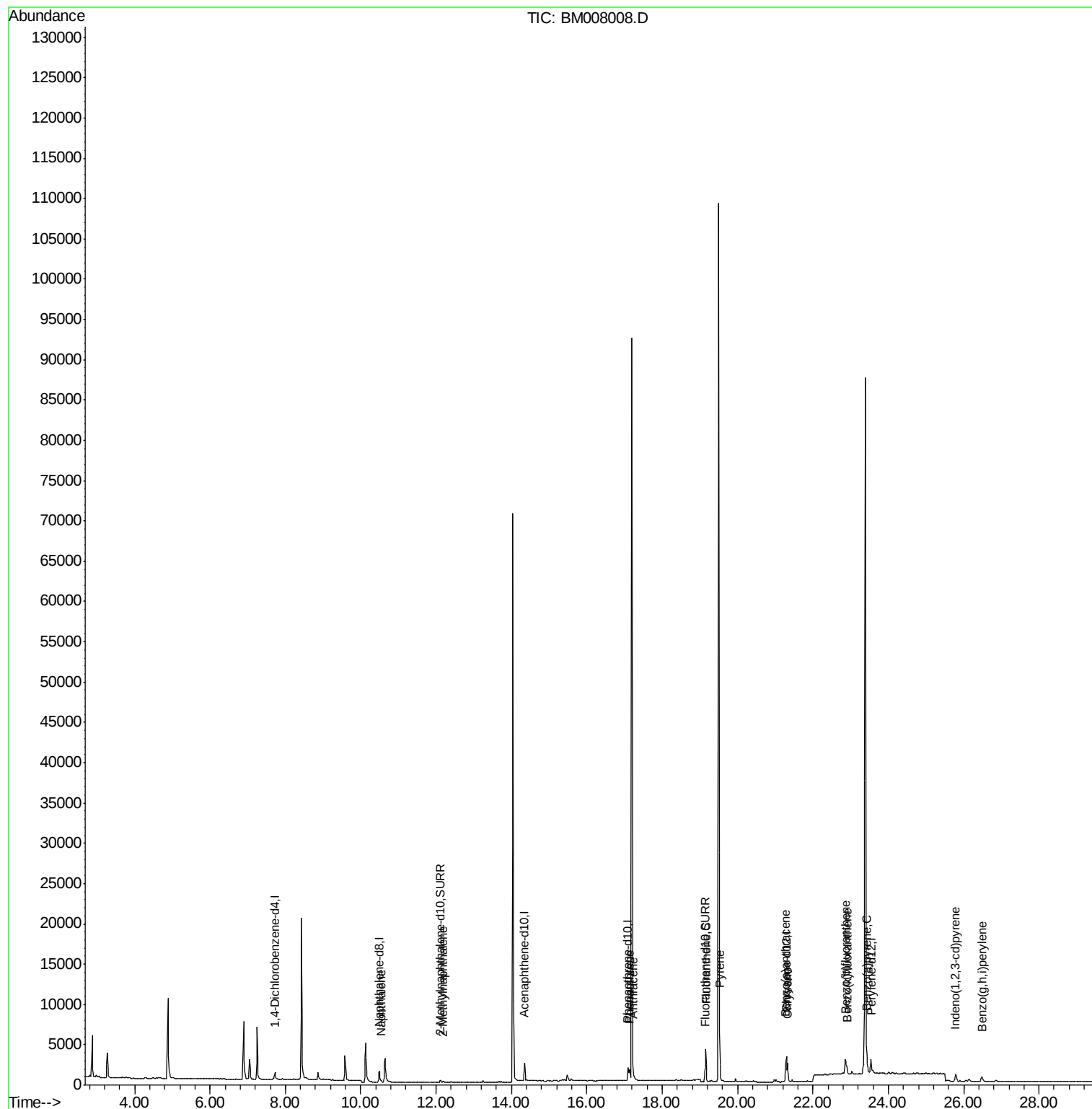
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM008008.D
Acq On : 22 Nov 2016 23:23
Operator : UM/SJ
Sample : H5694-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

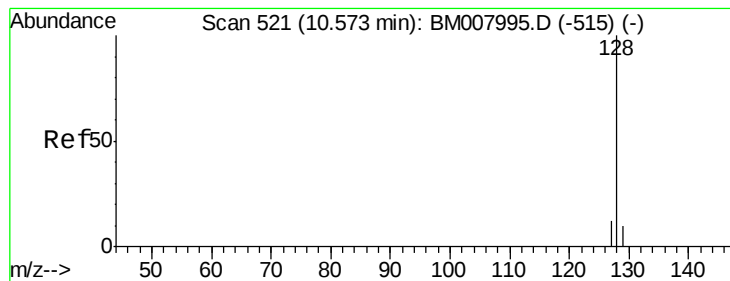
Instrument :
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ClientSampleId :
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Quant Time: Nov 23 10:24:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Wed Nov 23 01:26:48 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.01 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Instrument :

BNA_M

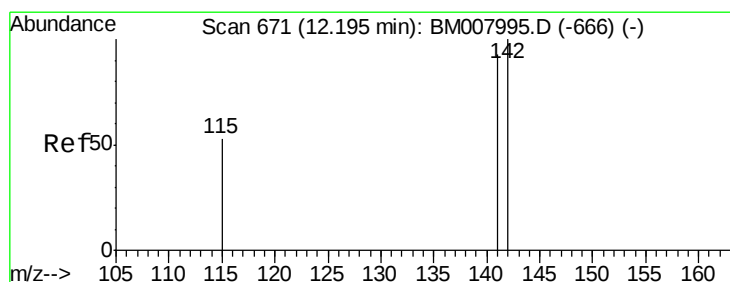
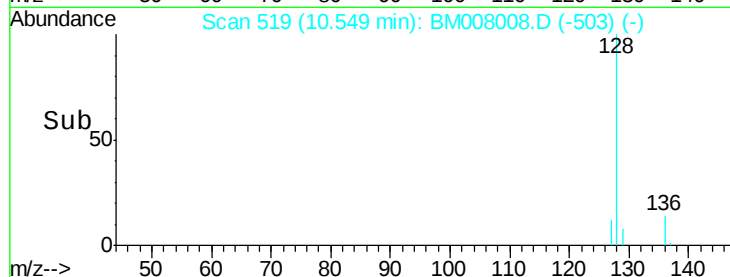
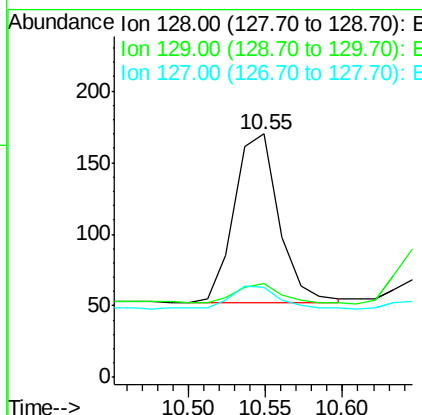
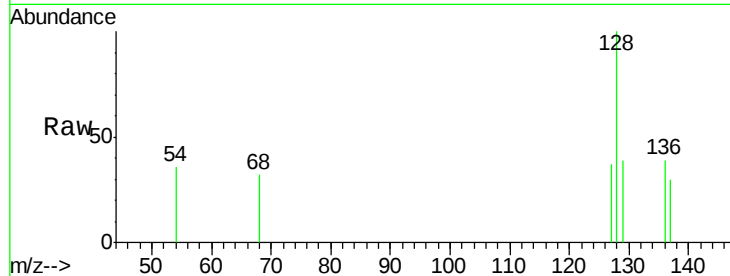
ClientSampleId :

JHSR0

Tgt Ion:	128	Resp:	239
Ion Ratio	Lower	Upper	
128	100		
129	38.8	11.3	16.9#
127	37.1	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

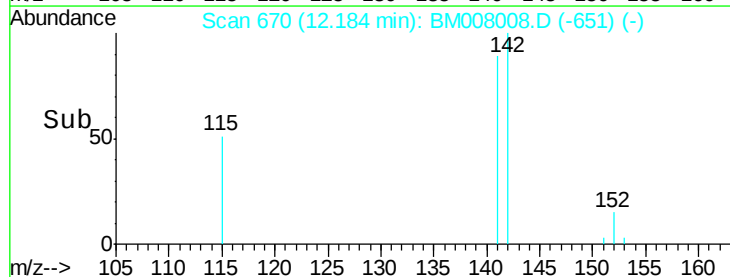
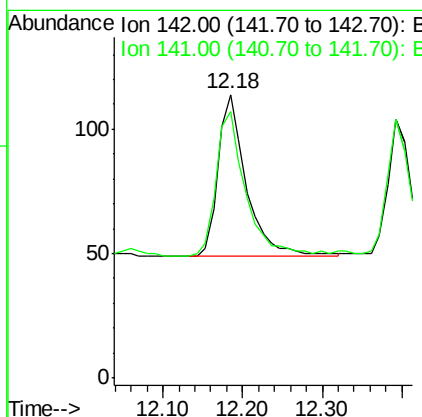
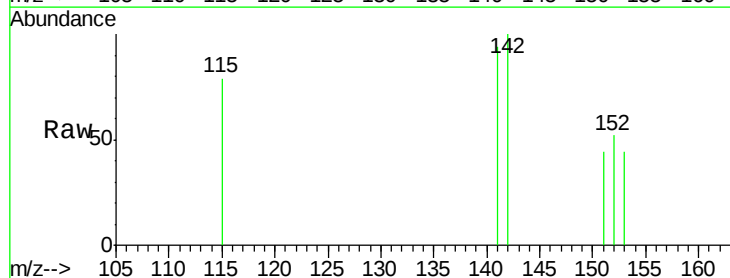
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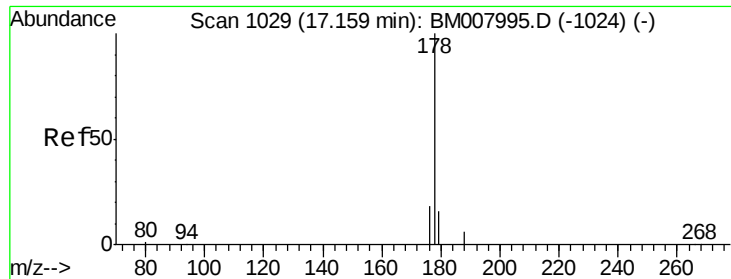
Delta R.T. 0.00 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Tgt Ion:	142	Resp:	159
Ion Ratio	Lower	Upper	
142	100		
141	93.1	72.6	108.8





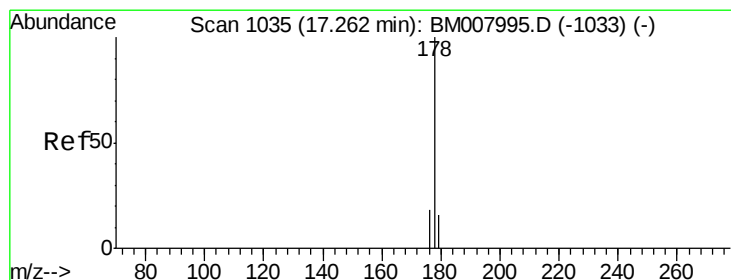
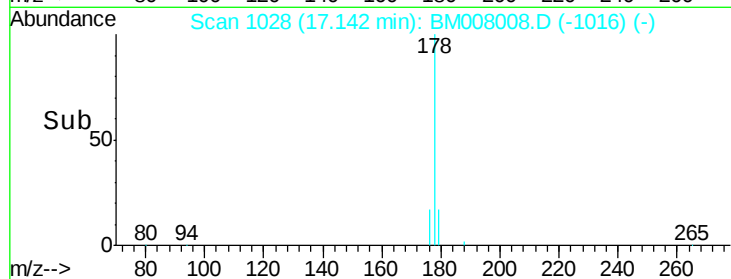
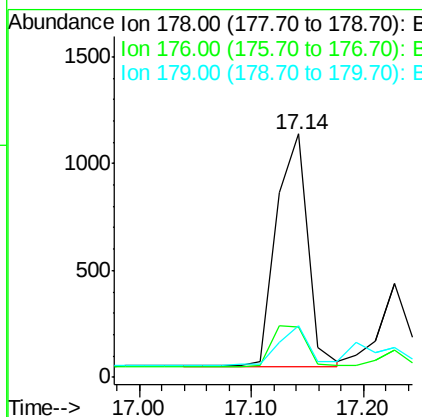
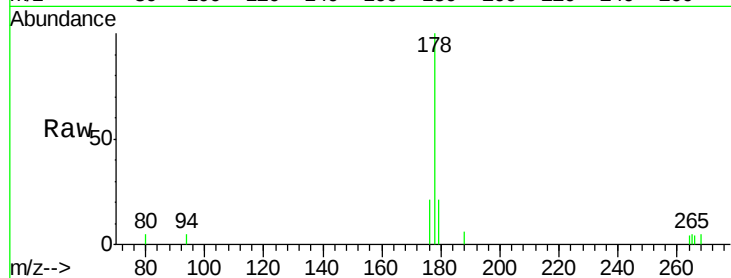
#12
Phenanthrene
Concen: 0.25 ng/ul m
RT: 17.14 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Instrument :
BNA_M
ClientSampleId :
JHSR0

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	18.4	27.6
179	21.0	13.6	20.4

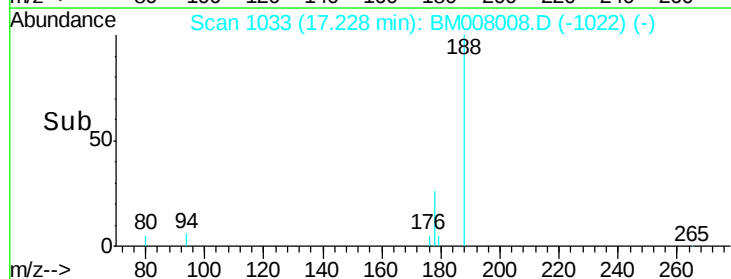
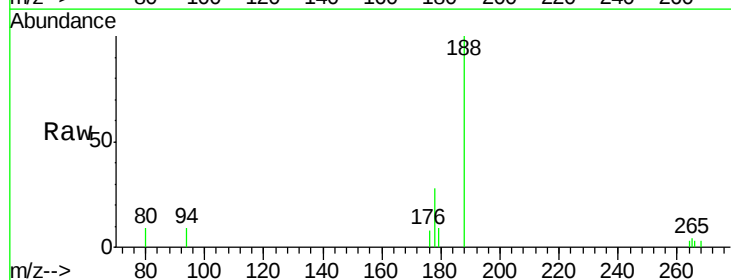
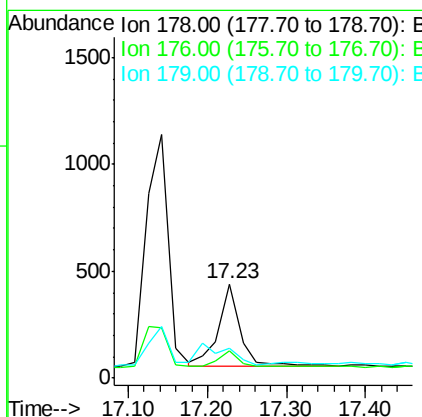
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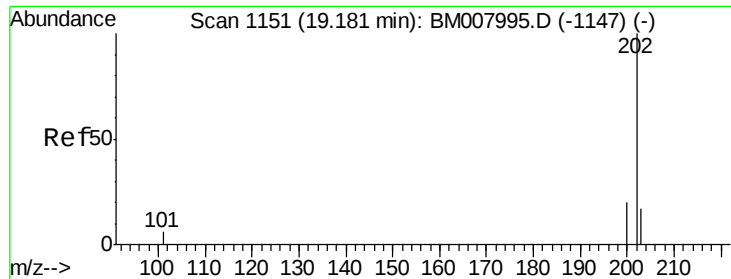
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#13
Anthracene
Concen: 0.09 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	28.5	18.1	27.1
179	31.2	14.7	22.1





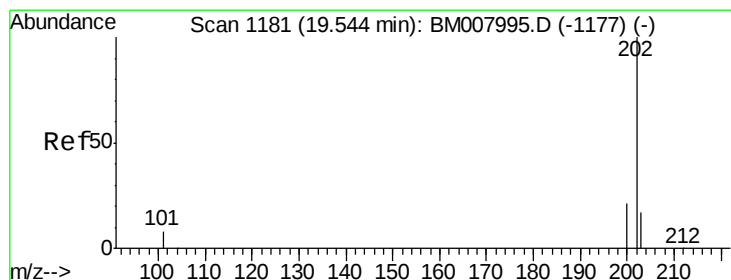
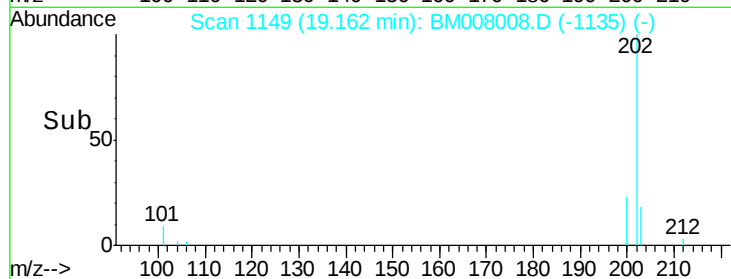
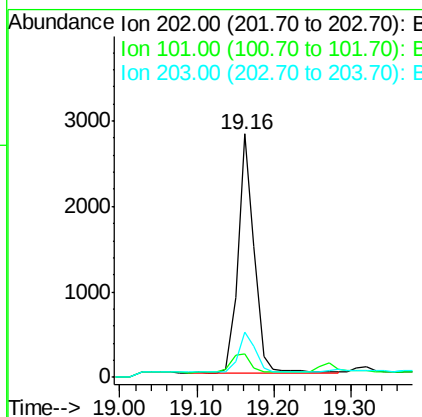
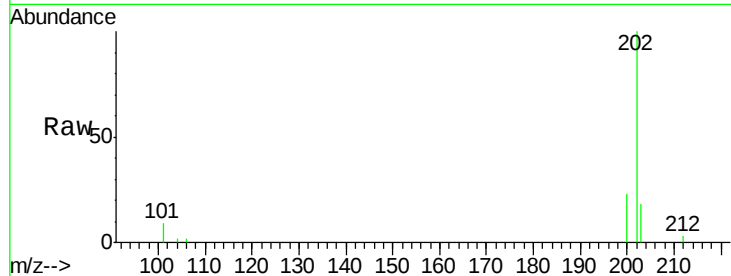
#15
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Instrument :
BNA_M
ClientSampleId :
JHSR0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4016		
101	9.4	0.0	30.3	
203	18.5	0.0	39.5	

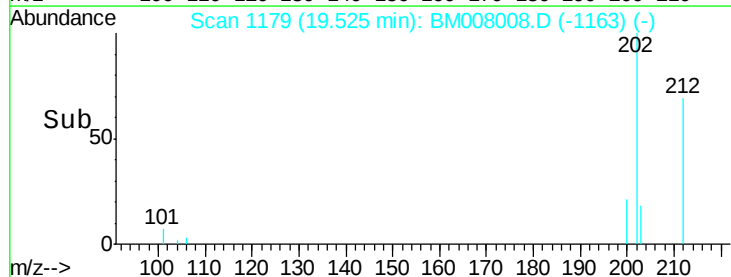
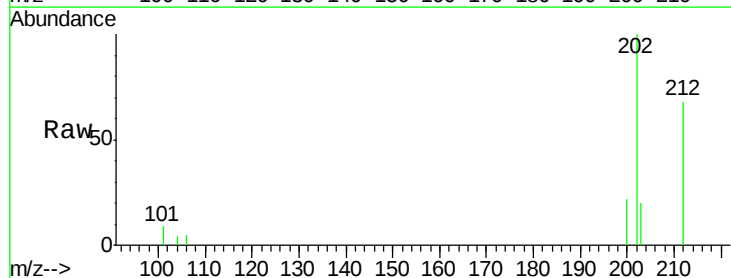
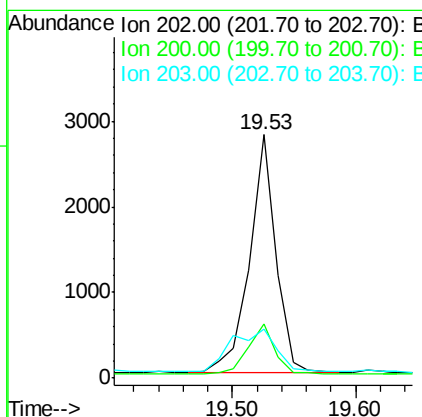
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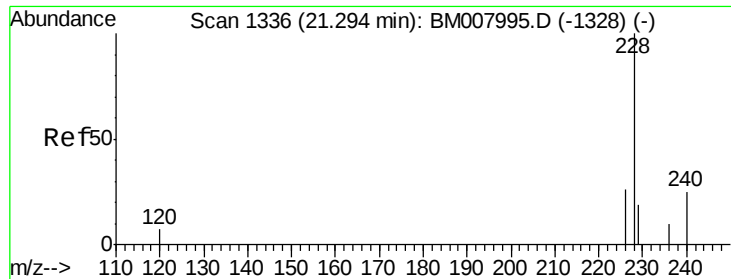
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#17
Pyrene
Concen: 0.47 ng/ul
RT: 19.53 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4178		
200	22.2	18.2	27.4	
203	20.2	15.6	23.4	





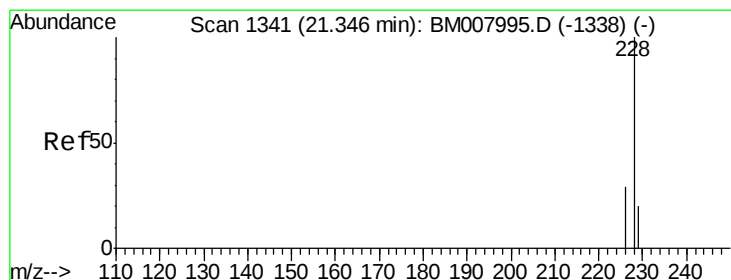
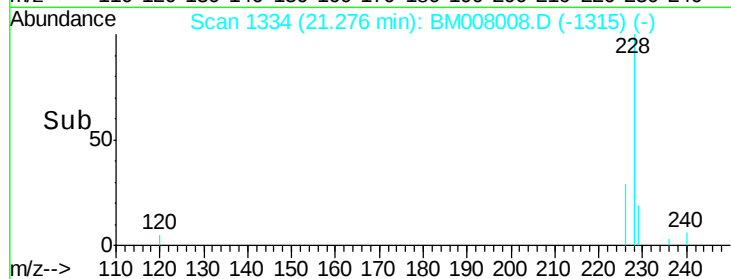
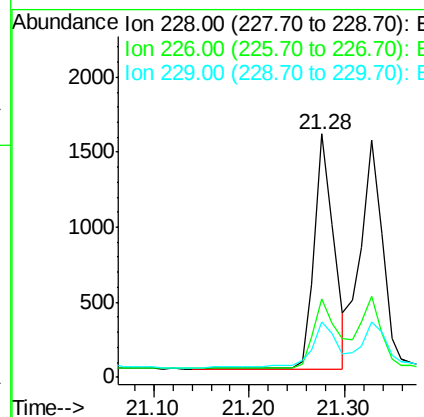
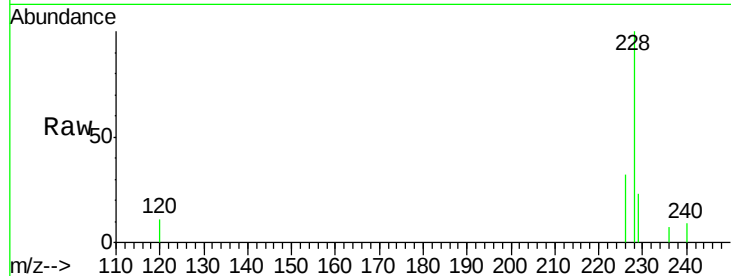
#18
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Instrument :
BNA_M
ClientSampleId :
JHSR0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.8	34.2
229	22.7	17.0	25.6

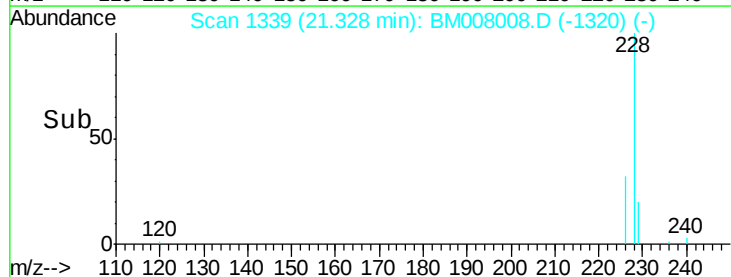
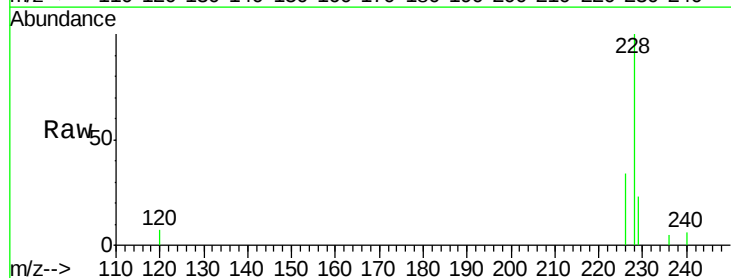
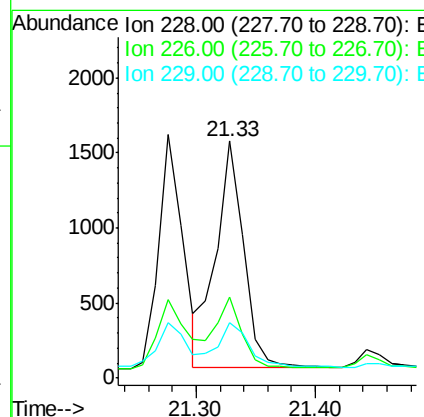
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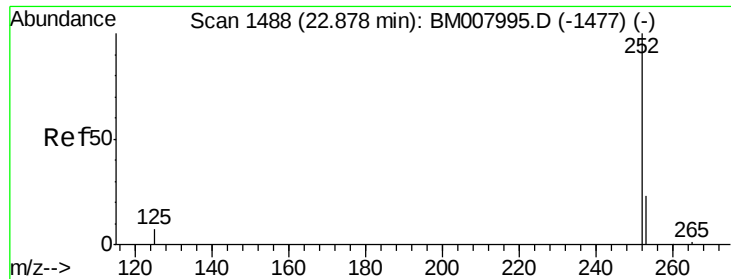
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#19
Chrysene
Concen: 0.25 ng/ul
RT: 21.33 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	23.4	35.0
229	23.5	17.7	26.5





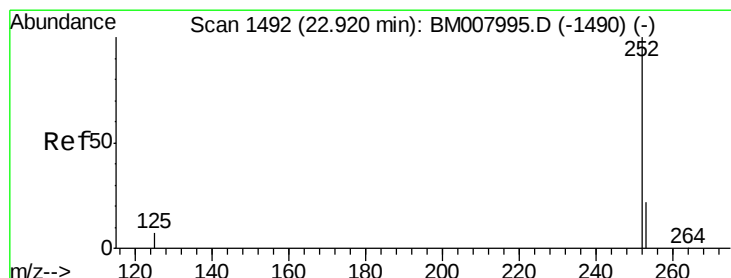
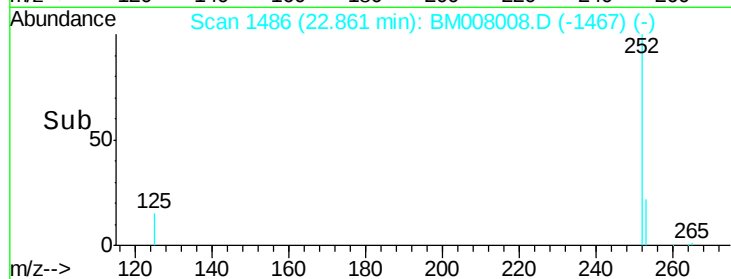
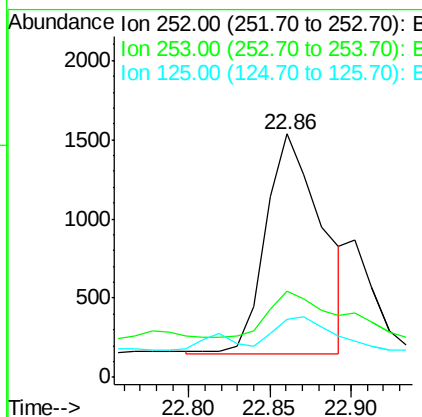
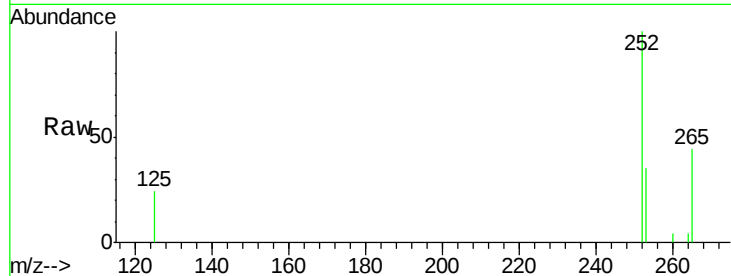
#21
Benzo(b)fluoranthene
Concen: 0.38 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Instrument :
BNA_M
ClientSampleId :
JHSR0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	64.2
125	23.9	0.0	35.0

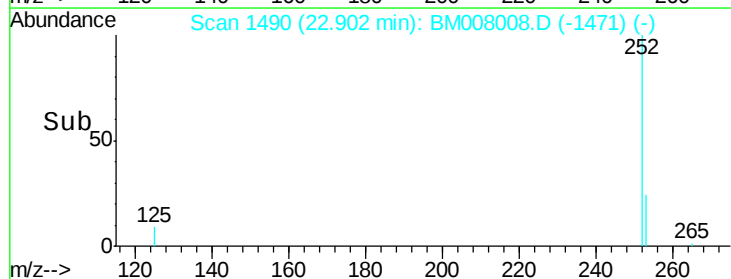
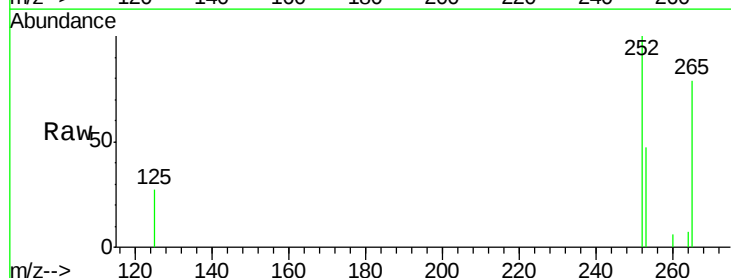
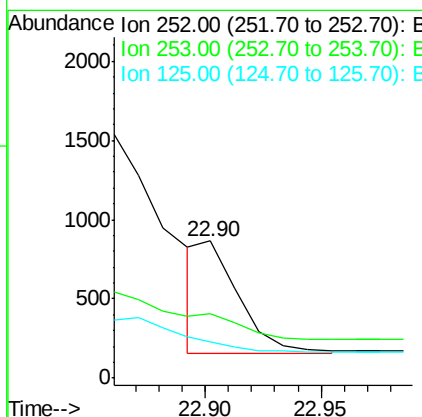
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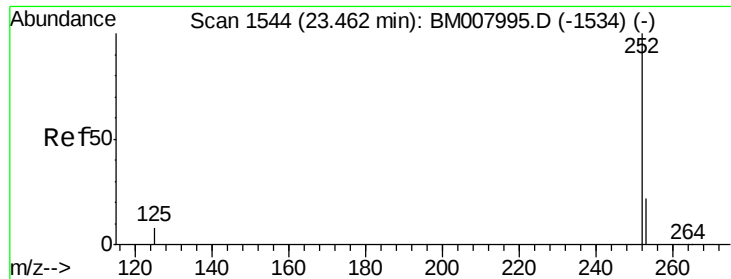
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#22
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.8	24.5	36.7#
125	26.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.26 ng/ul m

RT: 23.43 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Instrument :

BNA_M

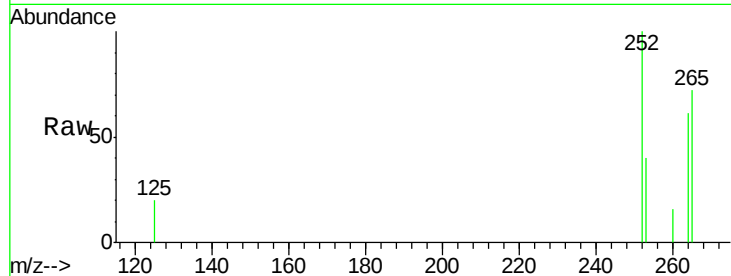
ClientSampled :

JHSR0

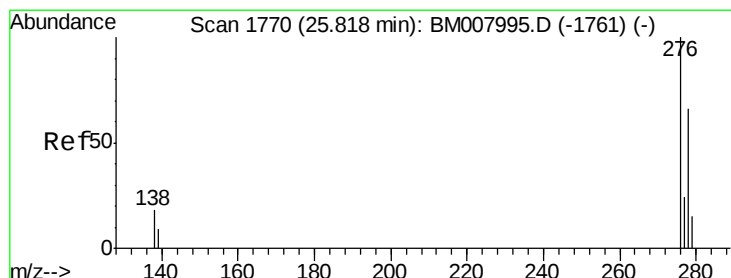
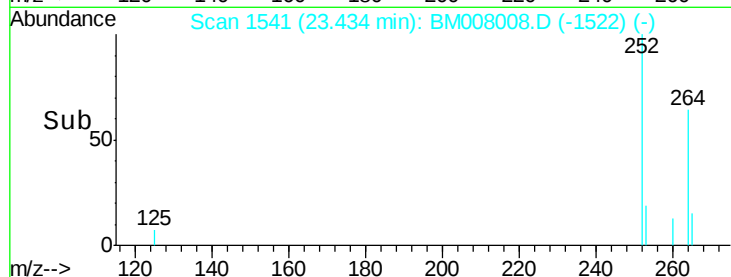
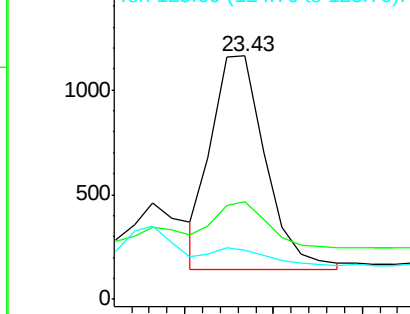
Tgt Ion:	252	Resp:	2185
Ion Ratio	Lower	Upper	
252	100		
253	40.2	28.5	42.7
125	20.3	18.1	27.1

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul m

RT: 25.79 min Scan# 1767

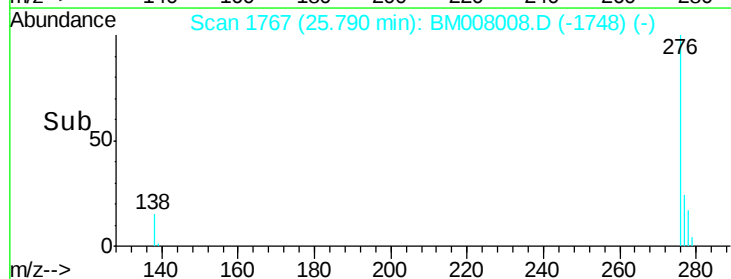
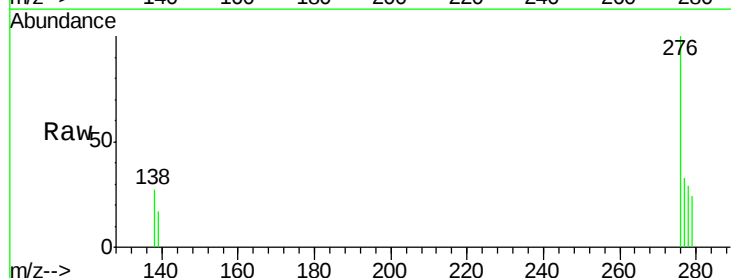
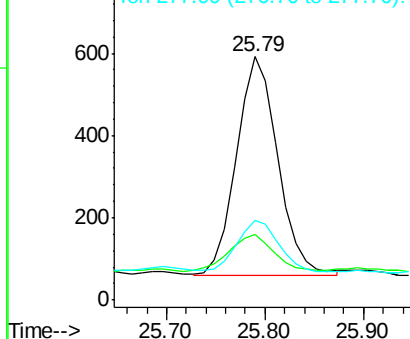
Delta R.T. -0.01 min

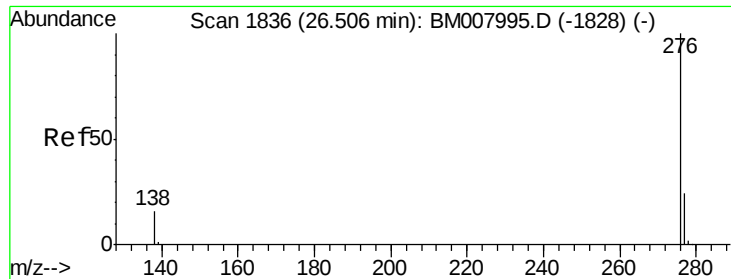
Lab File: BM008008.D

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Tgt Ion:	276	Resp:	1557
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	70.5	19.6	29.4#

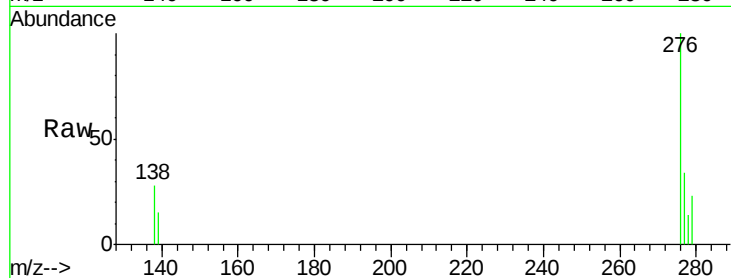
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#26
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul m
RT: 26.48 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM008008.D
Acq: 22 Nov 2016 23:23

Instrument :
BNA_M
ClientSampleId :
JHSR0



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	33.9	21.8	32.8#	
138	28.3	20.5	30.7	

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