

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008522.D
 Acq On : 21 Dec 2016 18:11
 Operator : UM/SJ
 Sample : H5905-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA811

Manual Integrations
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Quant Time: Dec 22 10:01:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	212	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	673	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	423	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1007m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1039m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1442	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	571	0.55	ng/ul	-0.05
14) Fluoranthene-d10	19.08	212	1311m	0.47	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	1462	0.77	ng/ul#	94
5) 2-Methylnaphthalene	12.10	142	1607	1.26	ng/ul	98
8) Acenaphthene	14.35	153	110	0.08	ng/ul#	82
9) Fluorene	15.34	166	146	0.09	ng/ul#	60
12) Phenanthrene	17.07	178	2715	0.88	ng/ul	95
13) Anthracene	17.18	178	465m	0.16	ng/ul	
15) Fluoranthene	19.11	202	3419	0.91	ng/ul	92
17) Pyrene	19.47	202	5017	1.25	ng/ul	94
18) Benzo(a)anthracene	21.26	228	5261m	1.54	ng/ul	
19) Chrysene	21.28	228	3048m	0.82	ng/ul	
23) Benzo(a)pyrene	23.38	252	2501	0.47	ng/ul#	14
24) Indeno(1,2,3-cd)pyrene	25.71	276	2419	0.39	ng/ul#	94
26) Benzo(g,h,i)perylene	26.40	276	4521	0.84	ng/ul#	76

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

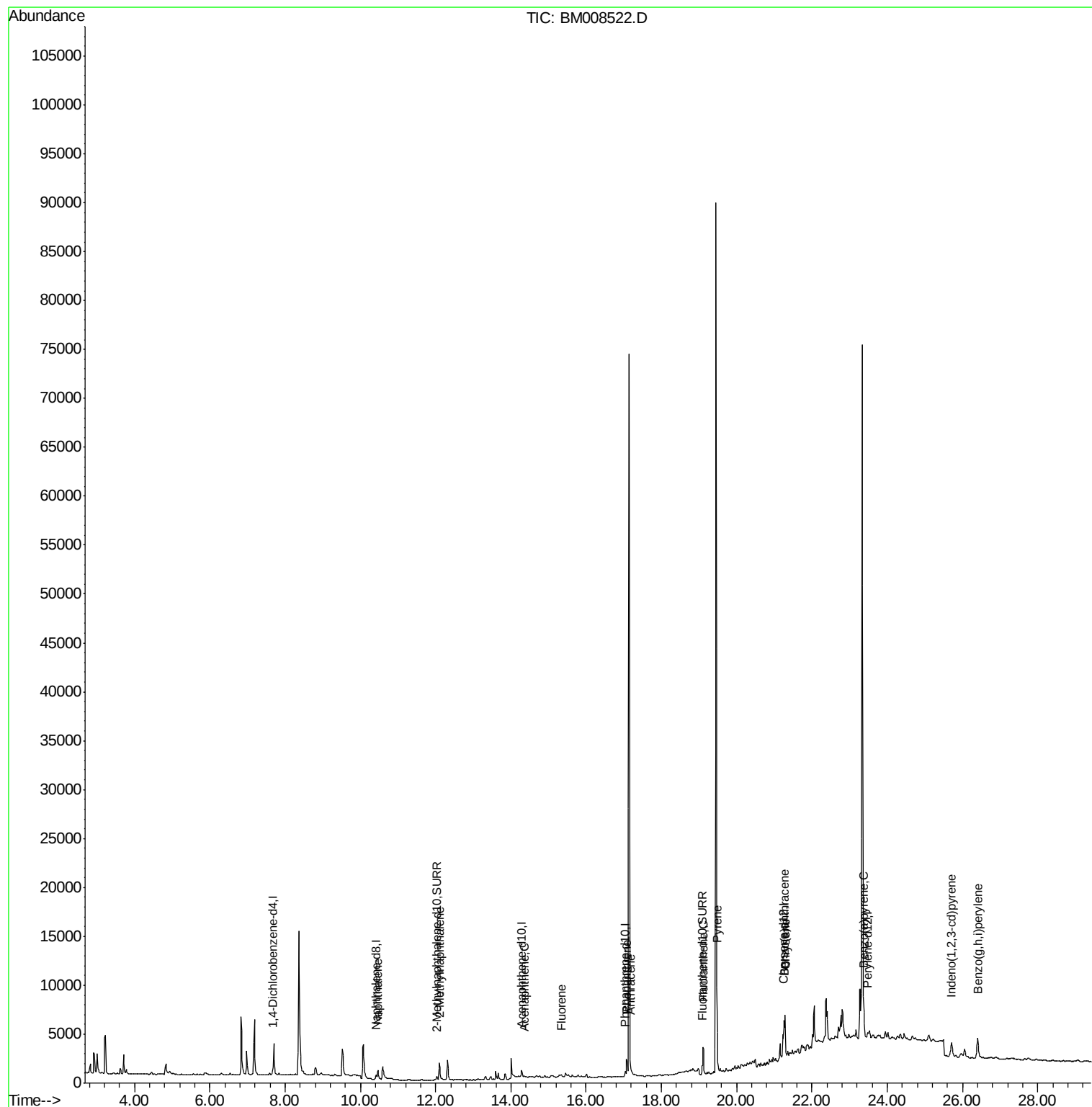
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008522.D
Acq On : 21 Dec 2016 18:11
Operator : UM/SJ
Sample : H5905-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

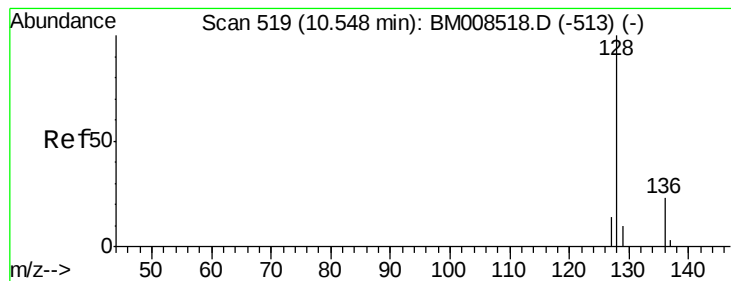
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Dec 22 10:01:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.77 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.05 min

Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

Instrument :

BNA_M

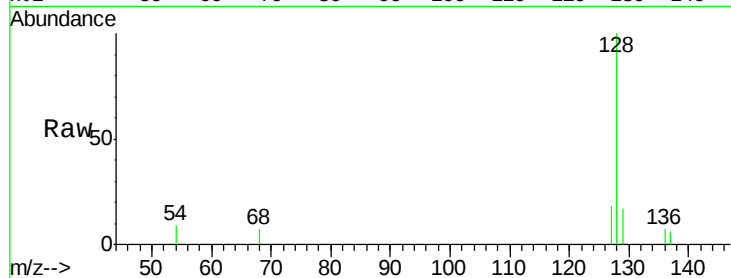
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.3	11.3	16.9#
127	18.2	12.8	19.2

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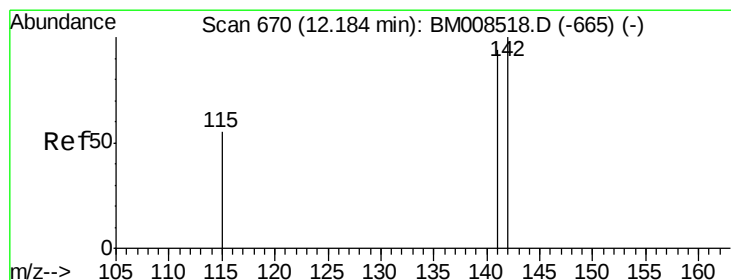
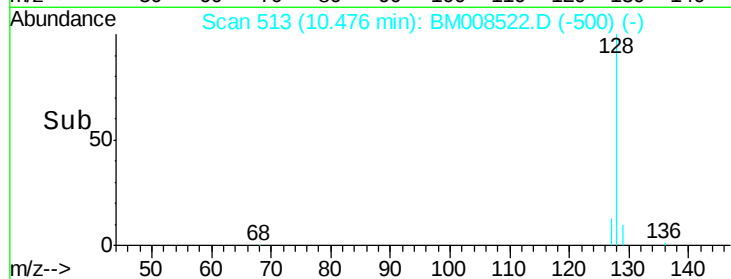
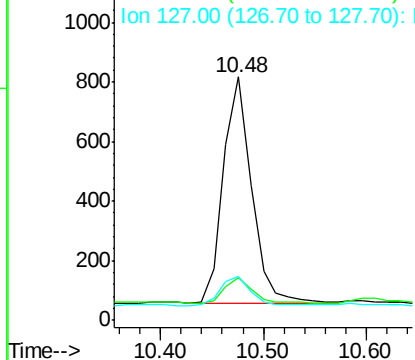
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.26 ng/ul

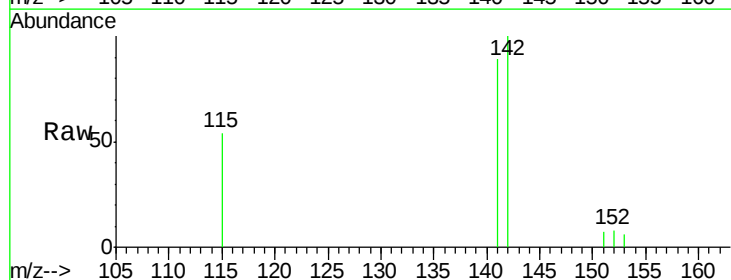
RT: 12.10 min Scan# 662

Delta R.T. -0.05 min

Lab File: BM008522.D

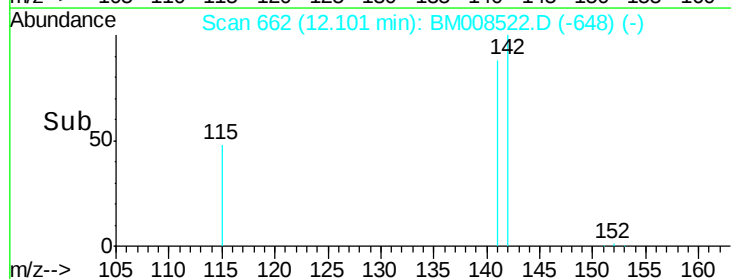
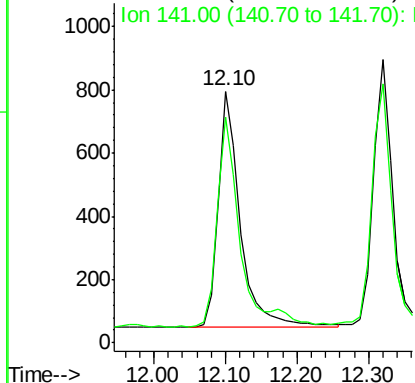
Acq: 21 Dec 2016 18:11

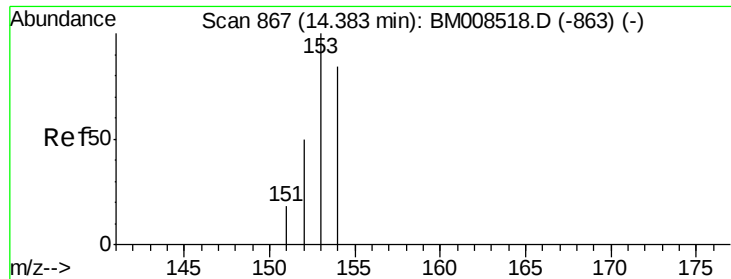
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

Instrument :

BNA_M

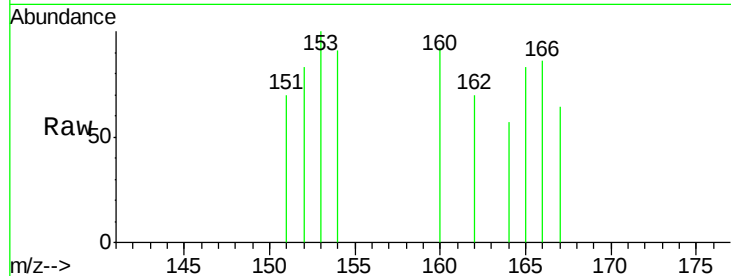
ClientSampleId :

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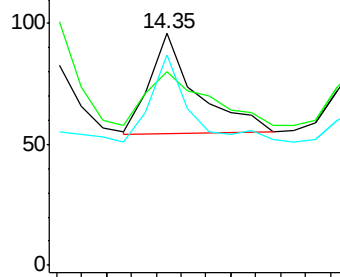
Tgt Ion:	153	Resp:	110
Ion Ratio	Lower	Upper	
153	100		
152	83.3	40.3	60.5#
154	90.6	71.4	107.2

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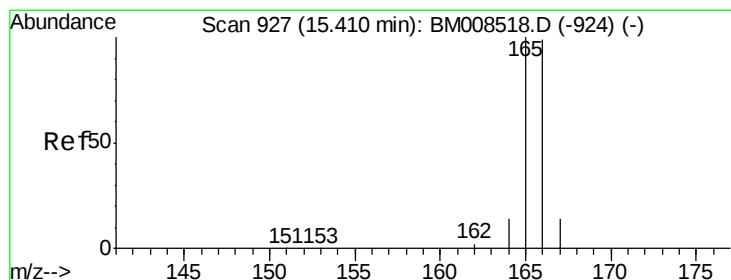
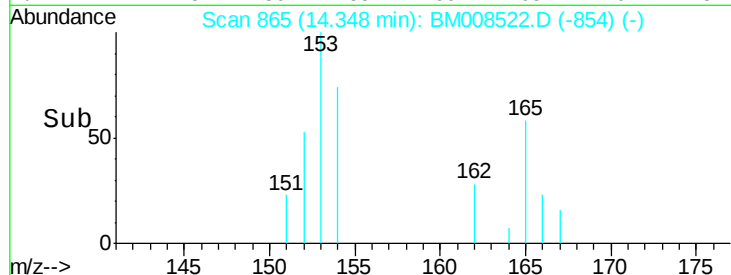
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.09 ng/ul

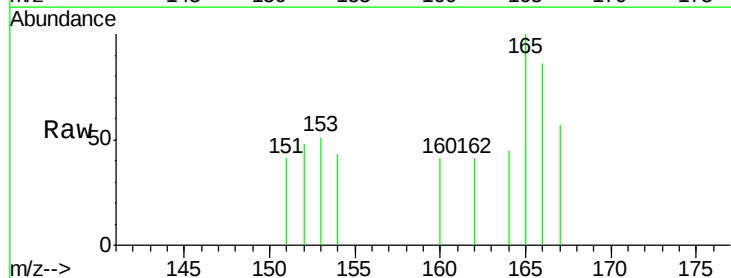
RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

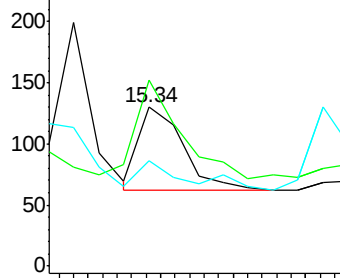
Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

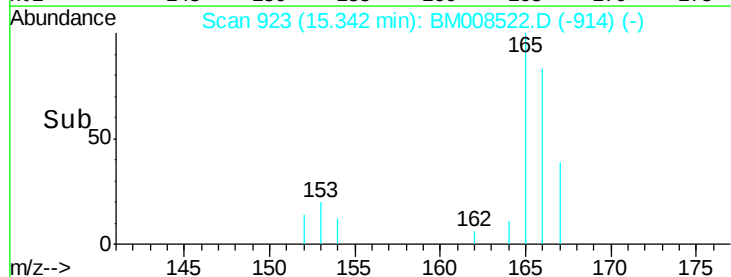
Tgt Ion:	166	Resp:	146
Ion Ratio	Lower	Upper	
166	100		
165	116.9	73.4	110.2#
167	66.2	14.6	22.0#

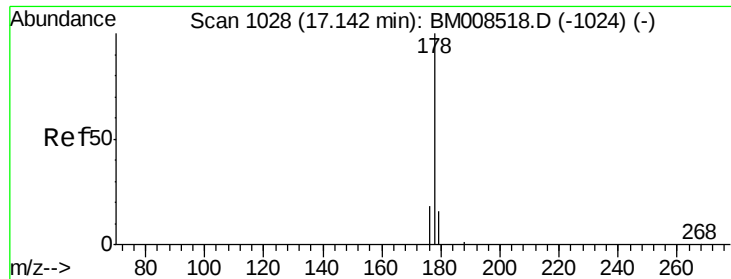


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





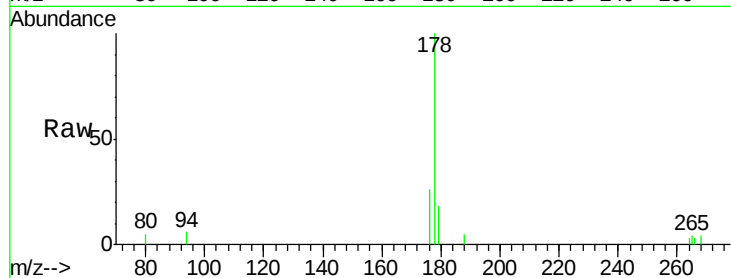
#12
Phenanthrene
Concen: 0.88 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008522.D
Acq: 21 Dec 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA811

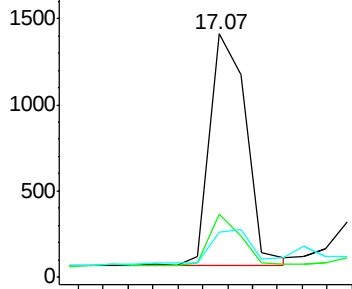
Tgt Ion:178 Resp: 2715
Ion Ratio Lower Upper
178 100
176 25.9 18.4 27.6
179 18.4 13.6 20.4

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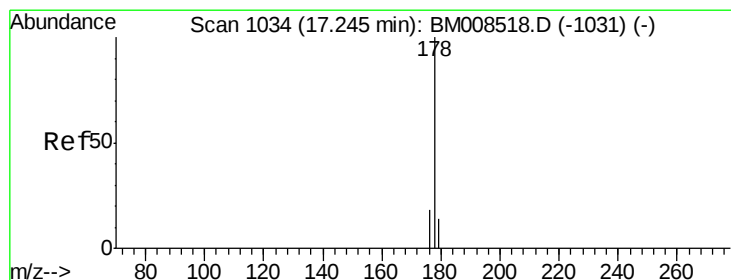
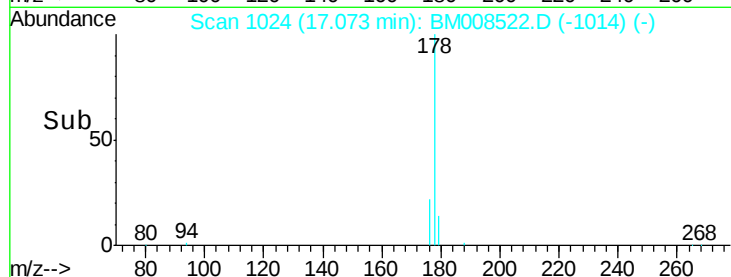
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

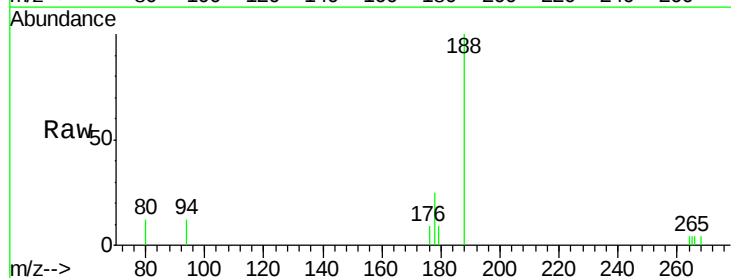


Time-->

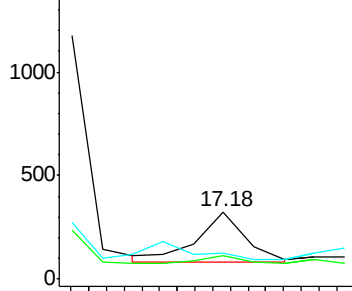


#13
Anthracene
Concen: 0.16 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BM008522.D
Acq: 21 Dec 2016 18:11

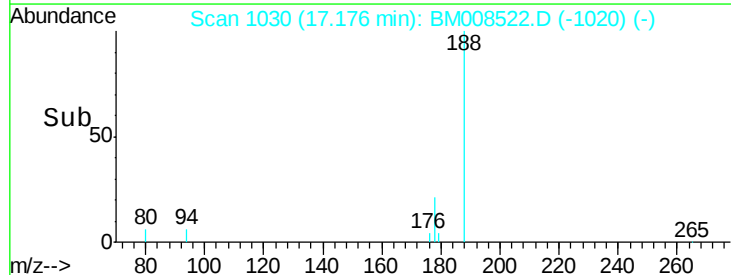
Tgt Ion:178 Resp: 465
Ion Ratio Lower Upper
178 100
176 35.7 18.1 27.1#
179 38.5 14.7 22.1#

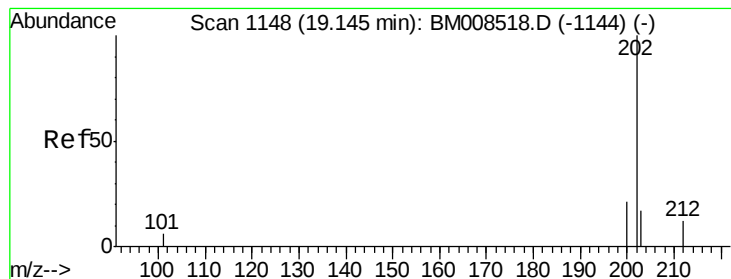


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#15

Fluoranthene

Concen: 0.91 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

Instrument :

BNA_M

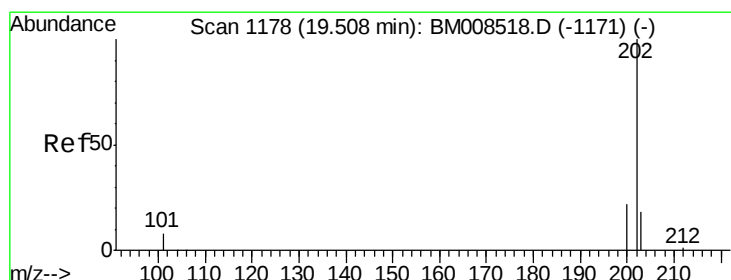
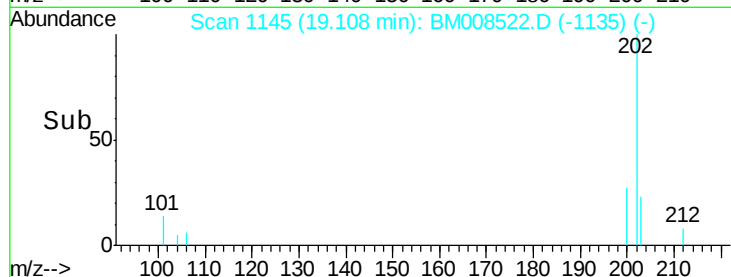
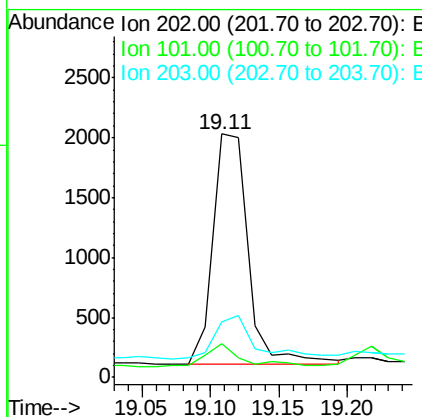
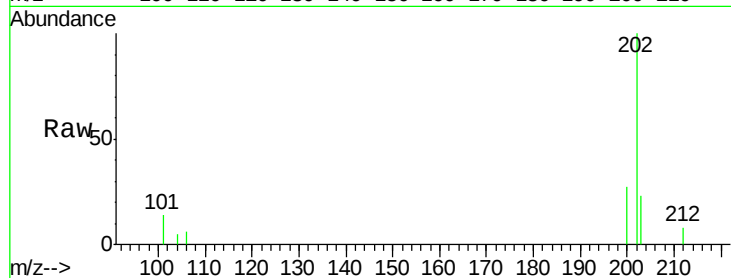
ClientSampleId :

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Tgt Ion:	202	Resp:	3419
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	30.3
203	23.0	0.0	39.5

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#17

Pyrene

Concen: 1.25 ng/ul

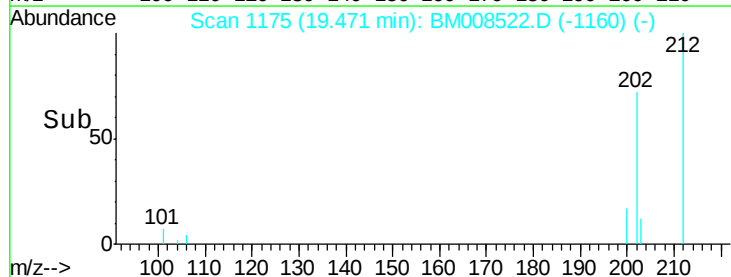
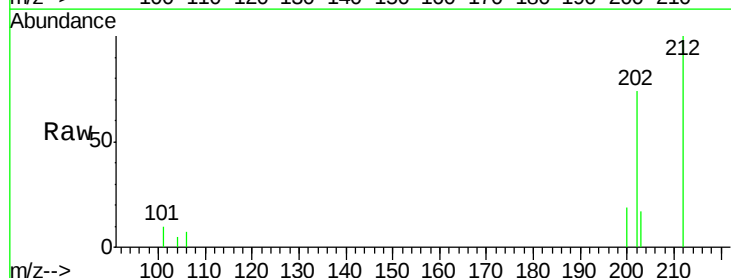
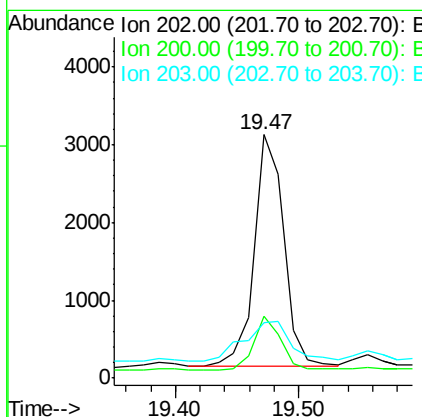
RT: 19.47 min Scan# 1175

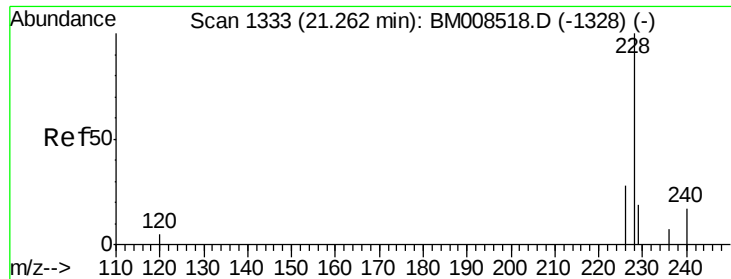
Delta R.T. -0.02 min

Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

Tgt Ion:	202	Resp:	5017
Ion Ratio	Lower	Upper	
202	100		
200	25.4	18.2	27.4
203	22.7	15.6	23.4





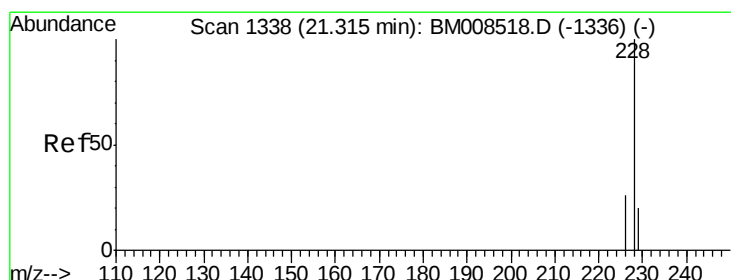
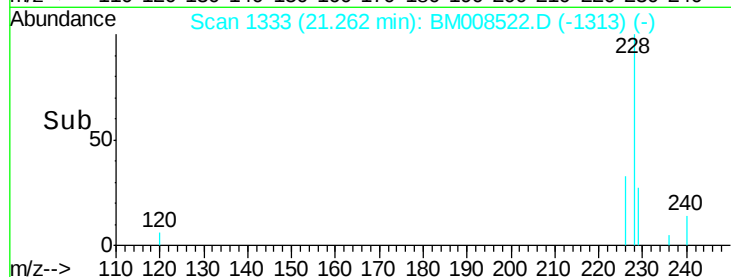
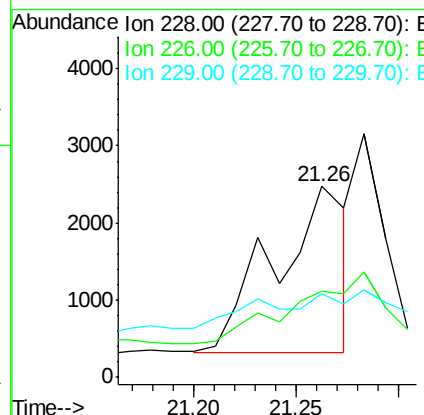
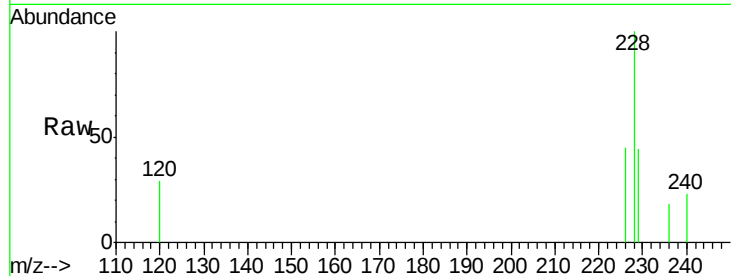
#18
Benzo(a)anthracene
Concen: 1.54 ng/ul m
RT: 21.26 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BM008522.D
Acq: 21 Dec 2016 18:11

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.2	22.8	34.2#
229	43.8	17.0	25.6#

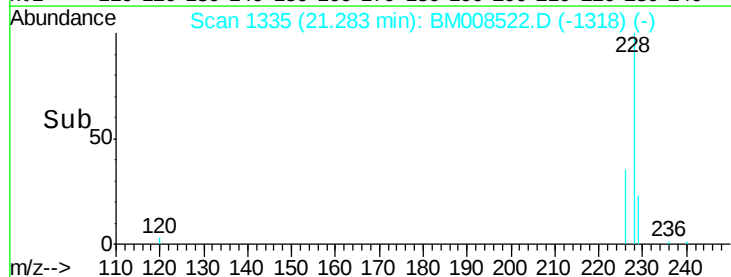
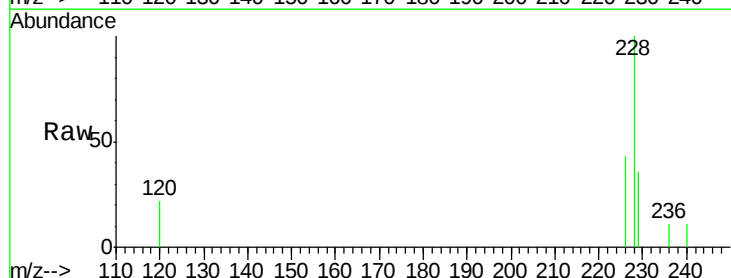
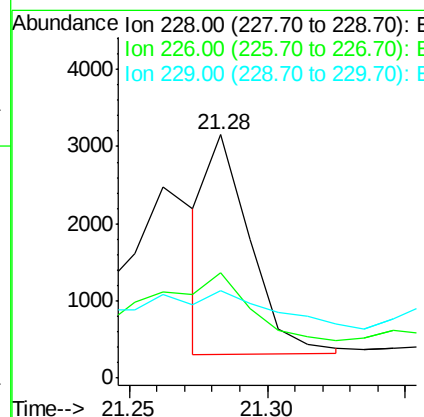
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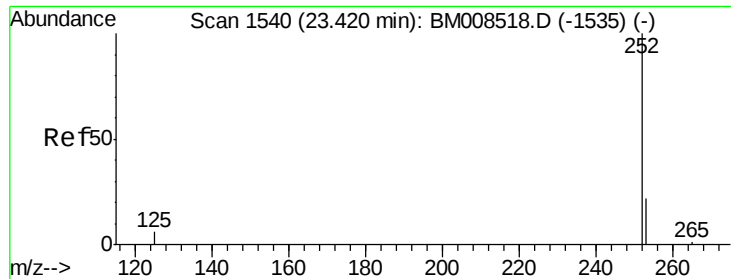
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#19
Chrysene
Concen: 0.82 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008522.D
Acq: 21 Dec 2016 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.2	23.4	35.0#
229	36.0	17.7	26.5#





#23

Benzo(a)pyrene

Concen: 0.47 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

Instrument :

BNA_M

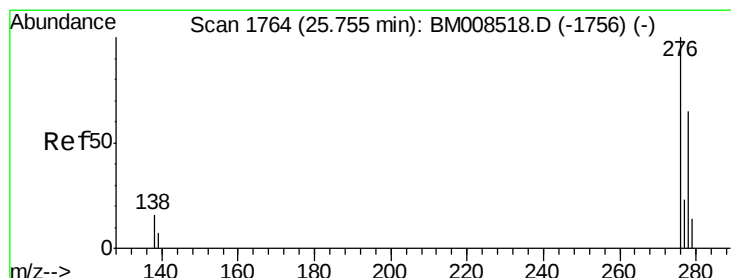
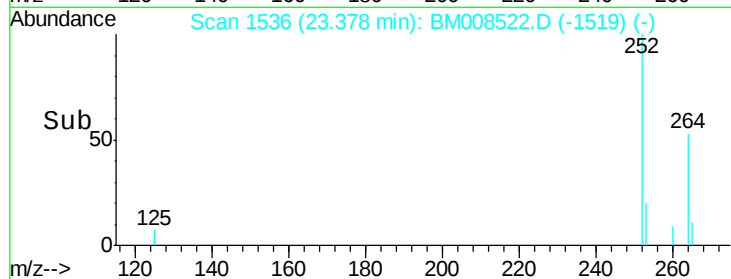
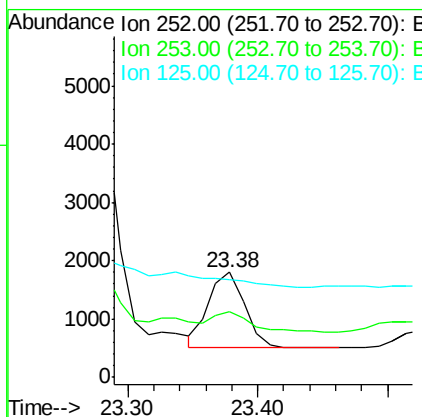
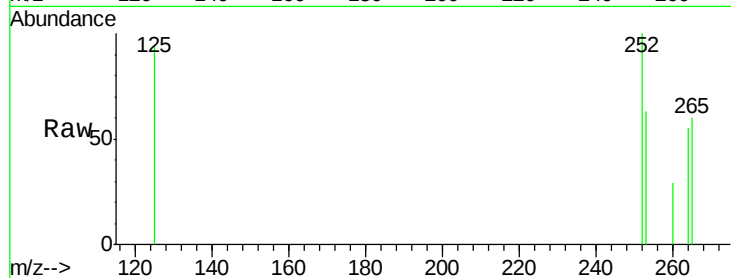
ClientSampleId :

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Tgt Ion:	252	Resp:	2501
Ion Ratio	Lower	Upper	
252	100		
253	62.7	28.5	42.7#
125	93.6	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng/ul

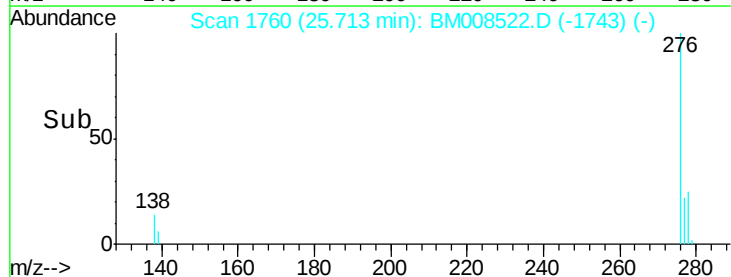
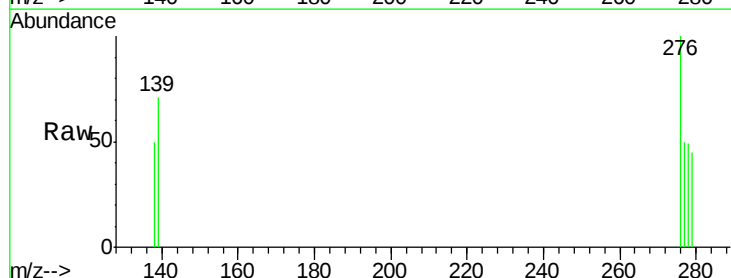
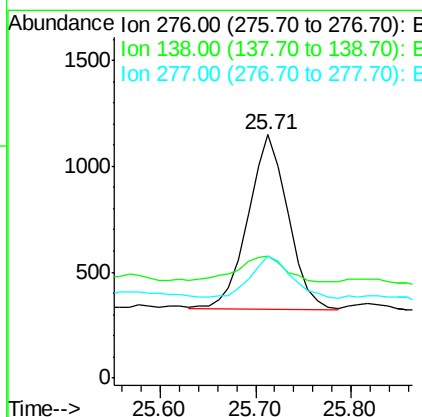
RT: 25.71 min Scan# 1760

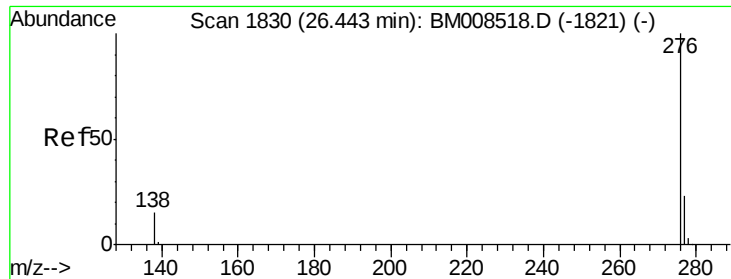
Delta R.T. -0.02 min

Lab File: BM008522.D

Acq: 21 Dec 2016 18:11

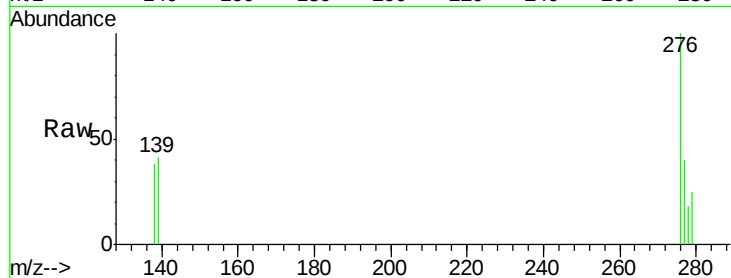
Tgt Ion:	276	Resp:	2419
Ion Ratio	Lower	Upper	
276	100		
138	18.4	19.1	28.7#
277	24.8	19.6	29.4





#26
 Benzo(g,h,i)perylene
 Concen: 0.84 ng/ul
 RT: 26.40 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BM008522.D
 Acq: 21 Dec 2016 18:11

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 ClientSampleId :
 DA811



Tgt Ion:	276	Resp:	4521
Ion Ratio	Lower	Upper	
276	100		
277	39.8	21.8	32.8#
138	37.9	20.5	30.7#

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