

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093550.D
 Acq On : 24 Jul 2017 22:23
 Operator : SJ/JU
 Sample : I4213-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B28

Manual Integrations
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Sohil
 7/25/2017 5:33:13 PM

Quant Time: Jul 25 04:41:46 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 18:07:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3339	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17542	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	11731	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	30133m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	35098	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	30386m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7163	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	25714	0.27	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	1638	0.038	ng/ul#	91
7) Acenaphthylene	14.25	152	1531	0.031	ng/ul#	90
12) Phenanthrene	17.29	178	3041	0.037	ng/ul#	88
13) Anthracene	17.40	178	2683	0.034	ng/ul	93
15) Fluoranthene	19.31	202	28484	0.278	ng/ul	84
17) Pyrene	19.67	202	26861	0.262	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	14130	0.139	ng/ul#	85
19) Chrysene	21.45	228	11687	0.120	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	15218m	0.162	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	5991m	0.065	ng/ul	
23) Benzo(a)pyrene	23.81	252	10667m	0.119	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	6435m	0.065	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	5352m	0.064	ng/ul	

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

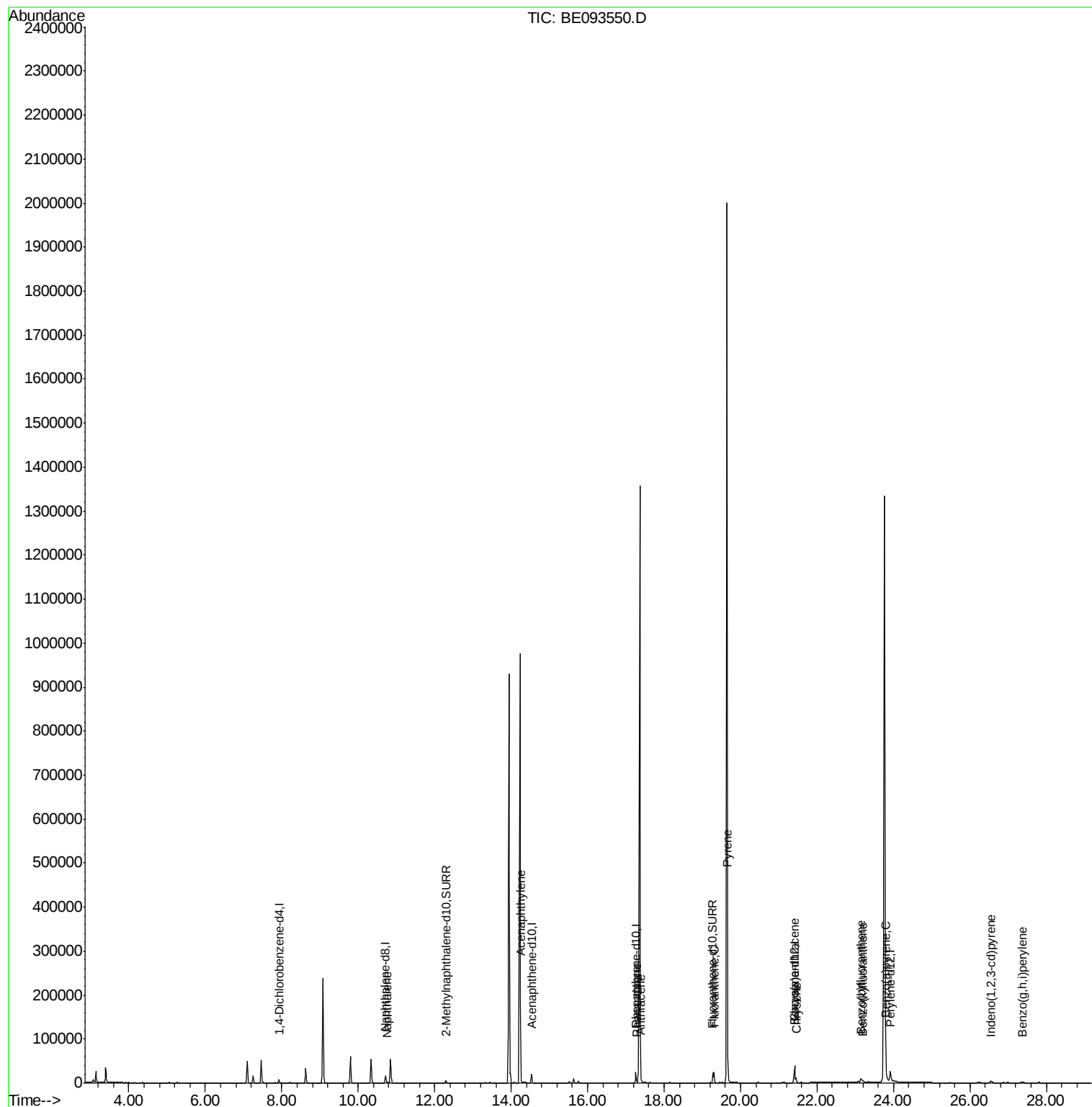
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093550.D
Acq On : 24 Jul 2017 22:23
Operator : SJ/JU
Sample : I4213-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

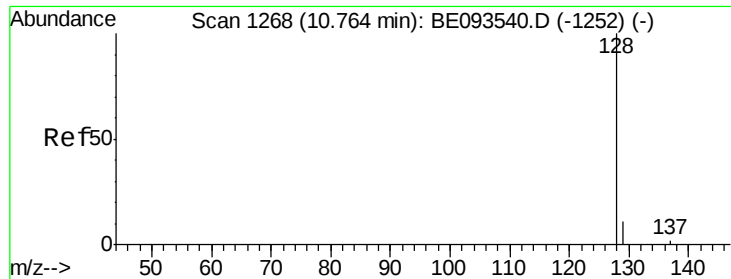
Instrument :
BNA_E
ClientSampleId :
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QLast Update : Mon Jul 24 18:07:15 2017
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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Instrument :

BNA_E

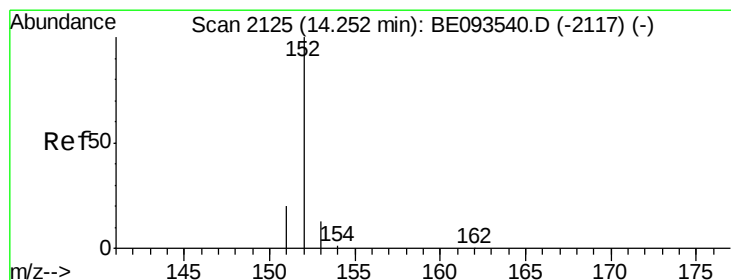
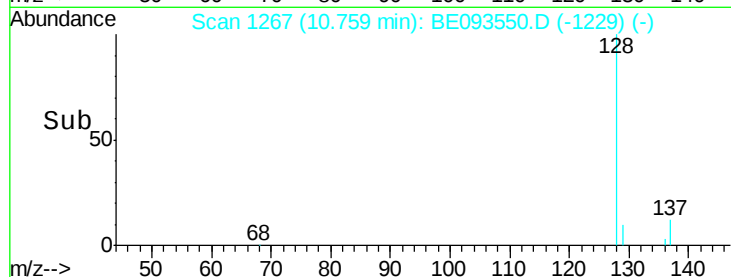
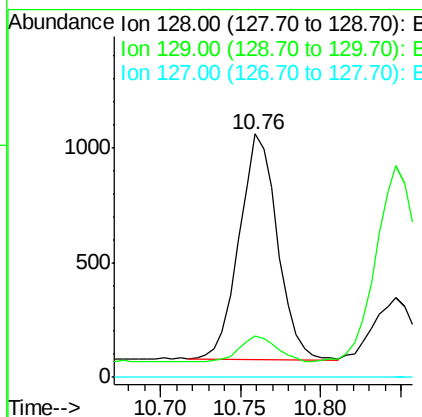
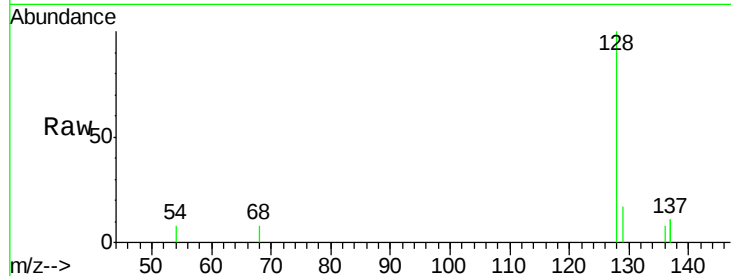
ClientSampled :

C0B28

Tgt Ion:	128	Resp:	1638
Ion Ratio	Lower	Upper	
128	100		
129	17.0	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.031 ng/ul

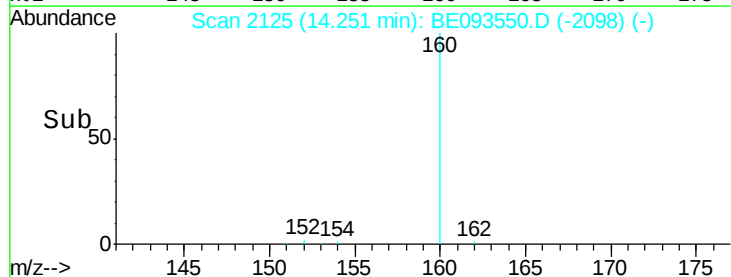
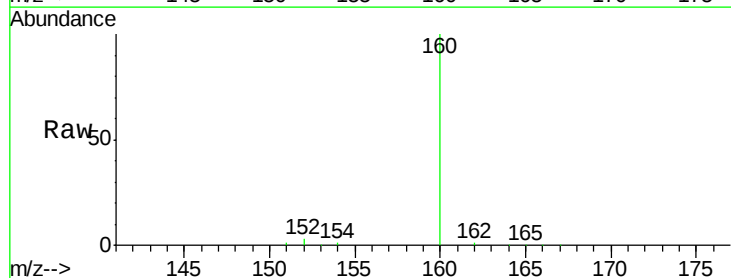
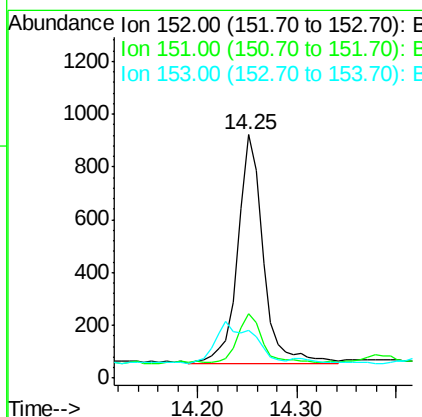
RT: 14.25 min Scan# 2125

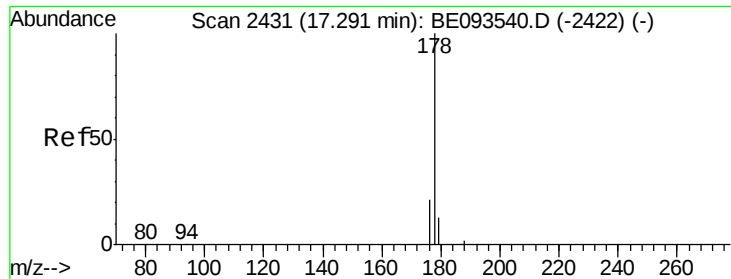
Delta R.T. -0.00 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Tgt Ion:	152	Resp:	1531
Ion Ratio	Lower	Upper	
152	100		
151	26.7	17.1	25.7#
153	19.7	12.8	19.2#





#12

Phenanthrene

Concen: 0.037 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Instrument :

BNA_E

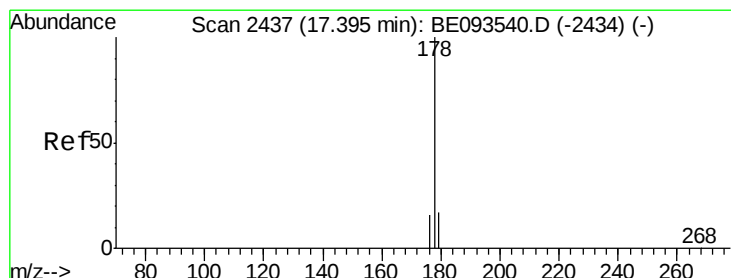
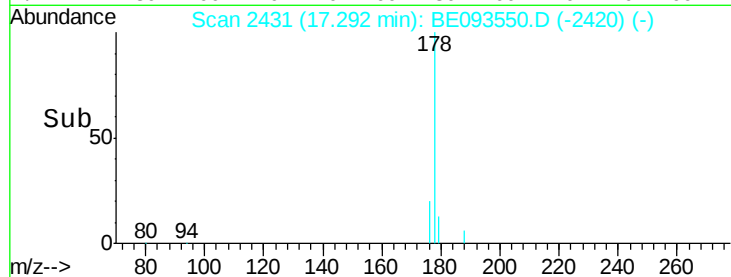
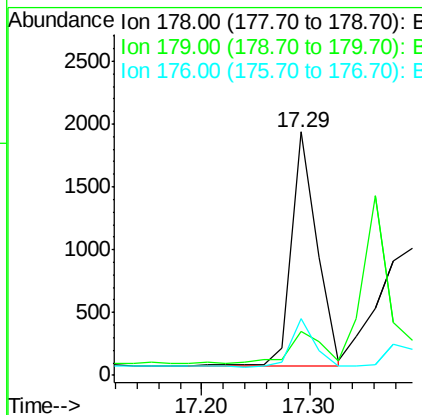
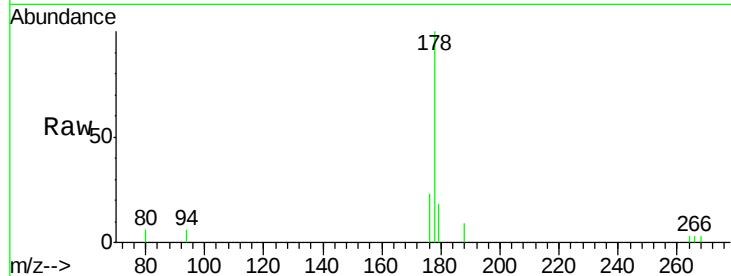
ClientSampled :

C0B28

Tgt Ion:	178	Resp:	3041
Ion Ratio	Lower	Upper	
178	100		
179	17.8	18.4	27.6#
176	23.2	13.6	20.4#

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#13

Anthracene

Concen: 0.034 ng/ul

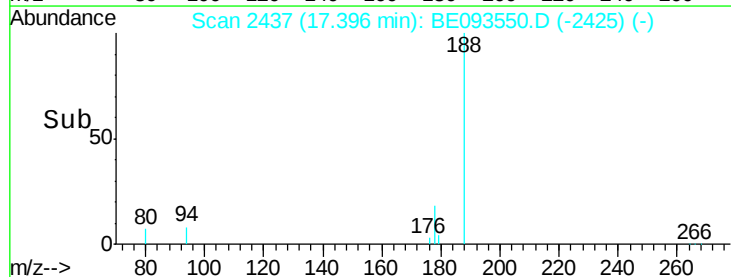
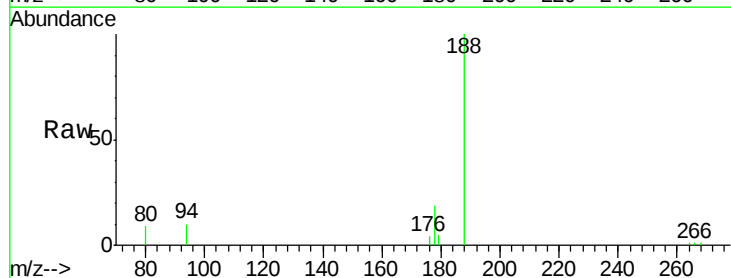
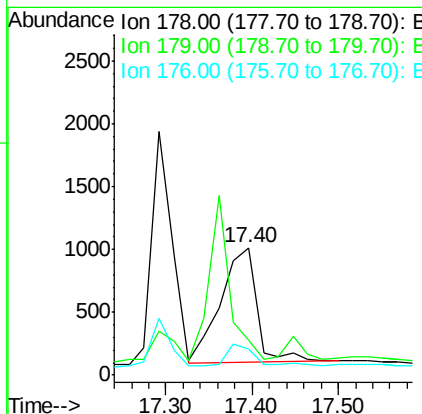
RT: 17.40 min Scan# 2437

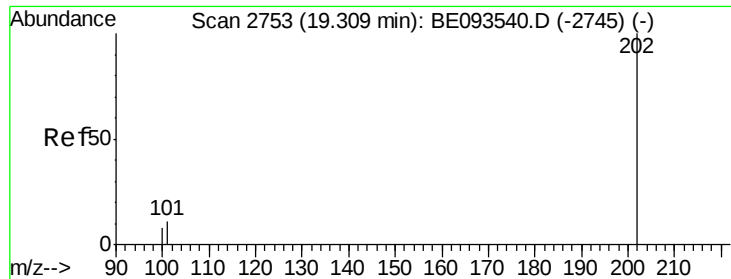
Delta R.T. 0.00 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Tgt Ion:	178	Resp:	2683
Ion Ratio	Lower	Upper	
178	100		
179	27.1	18.1	27.1
176	20.8	14.7	22.1





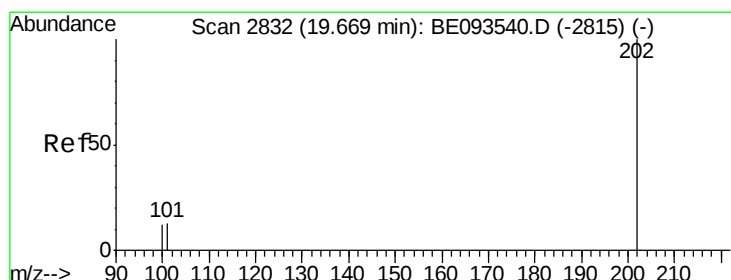
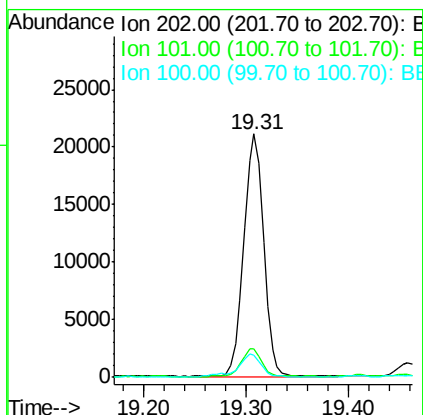
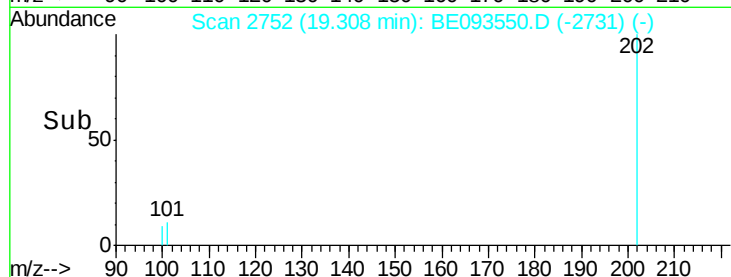
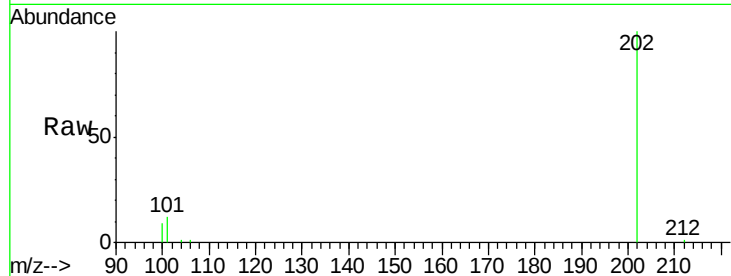
#15
Fluoranthene
 Concen: 0.278 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE093550.D
 Acq: 24 Jul 2017 22:23

Instrument :
 BNA_E
 ClientSampleId :
 C0B28

Tgt Ion:	202	Resp:	28484
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	9.2	0.0	39.5

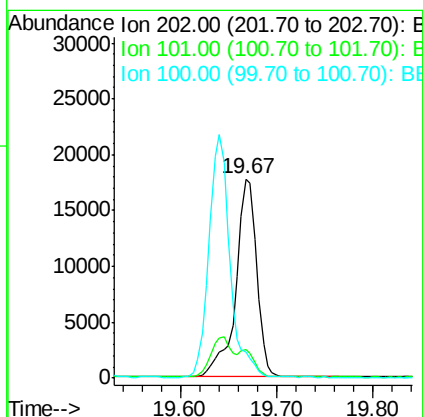
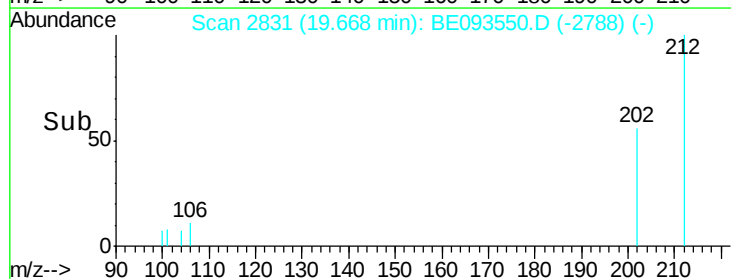
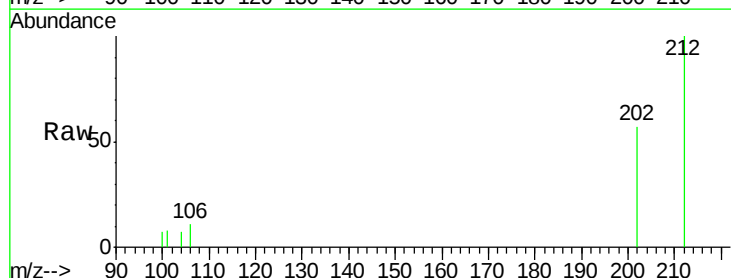
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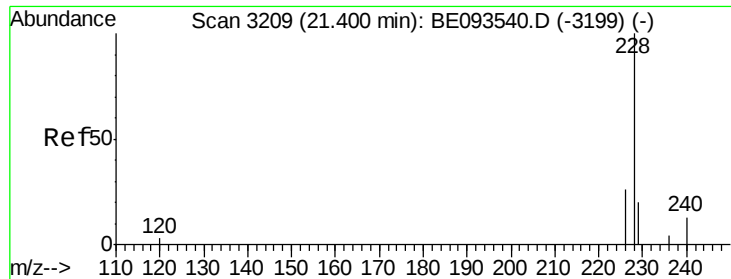
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#17
Pyrene
 Concen: 0.262 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE093550.D
 Acq: 24 Jul 2017 22:23

Tgt Ion:	202	Resp:	26861
Ion Ratio	Lower	Upper	
202	100		
101	14.1	18.2	27.4#
100	13.1	15.6	23.4#





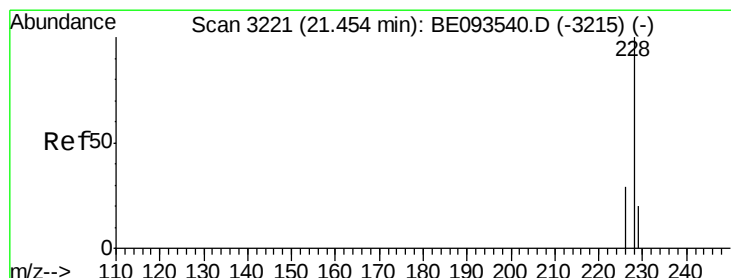
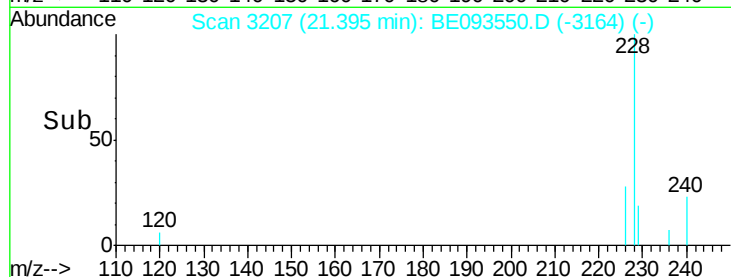
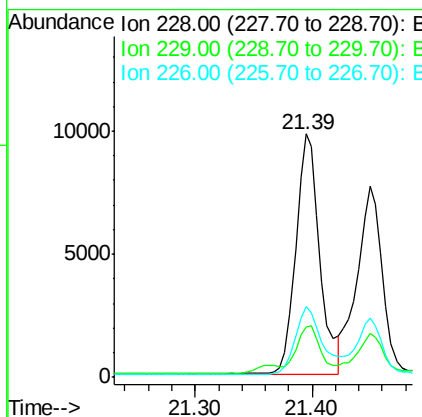
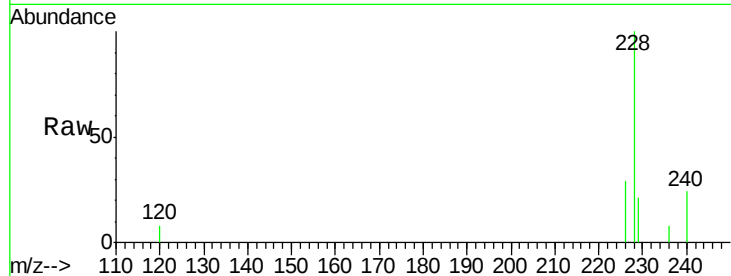
#18
Benzo(a)anthracene
Concen: 0.139 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093550.D
Acq: 24 Jul 2017 22:23

Instrument :
BNA_E
ClientSampled :
C0B28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	29.0	17.0	25.6#

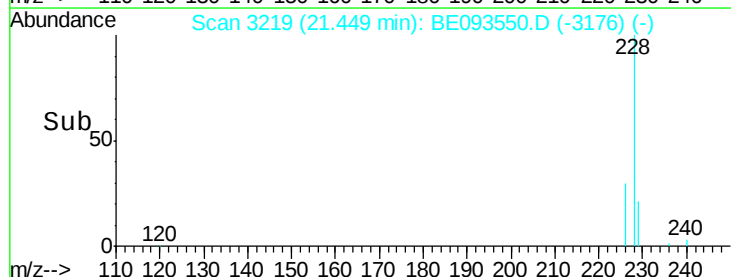
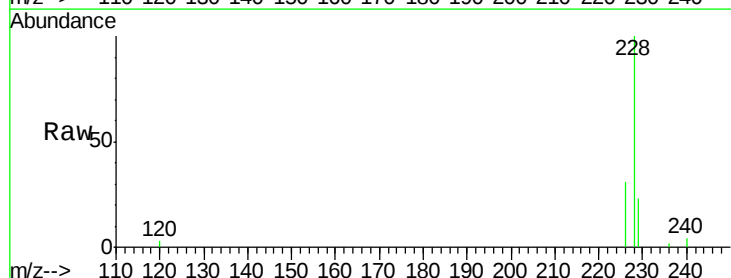
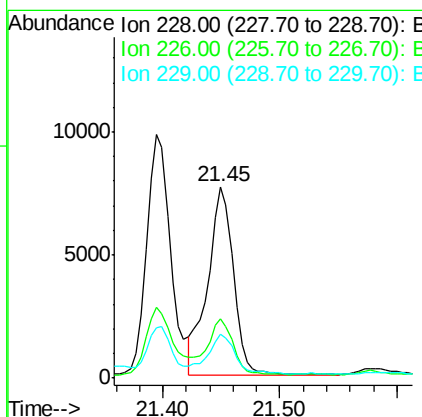
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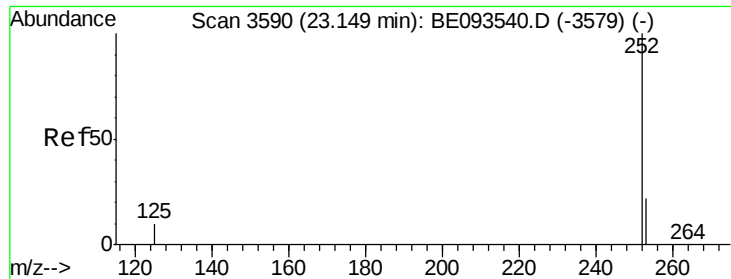
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#19
Chrysene
Concen: 0.120 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093550.D
Acq: 24 Jul 2017 22:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	22.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.162 ng/ul m

RT: 23.15 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Instrument :

BNA_E

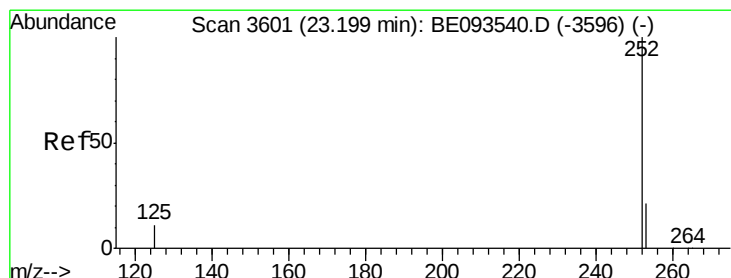
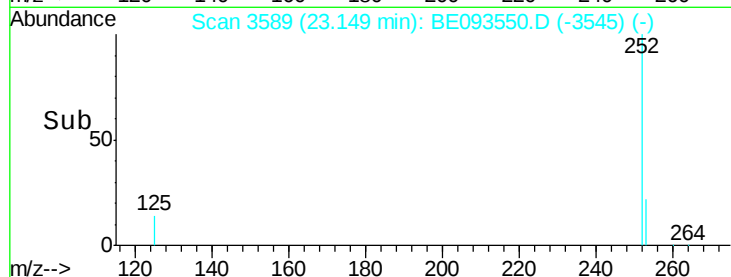
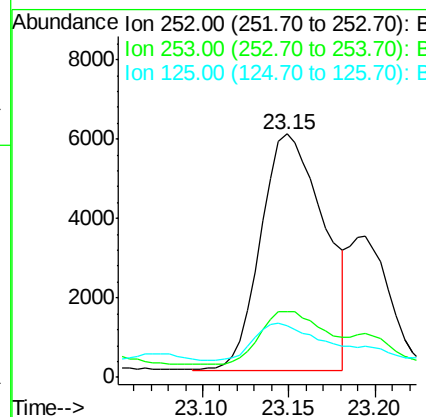
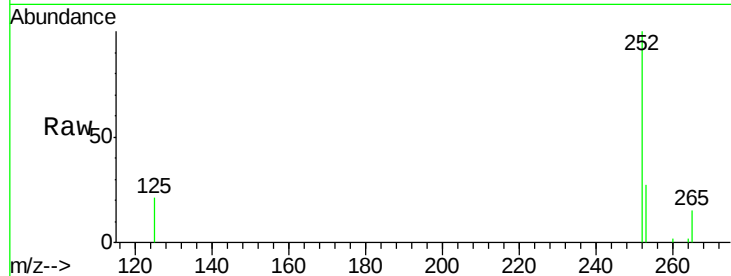
ClientSampleId :

C0B28

Tgt Ion:	252	Resp:	15218
Ion Ratio	Lower	Upper	
252	100		
253	26.9	0.0	64.2
125	21.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.065 ng/ul m

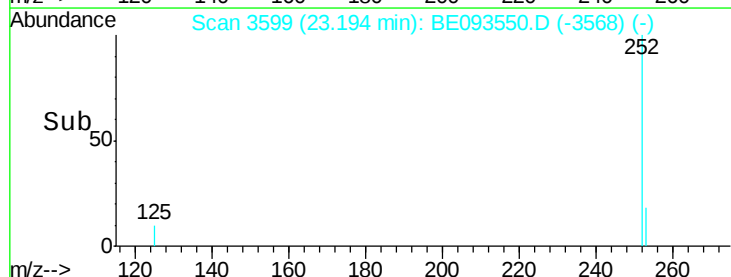
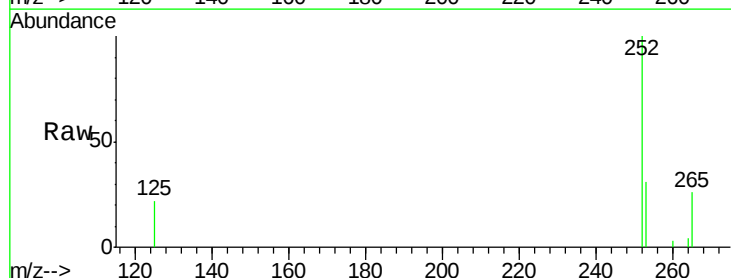
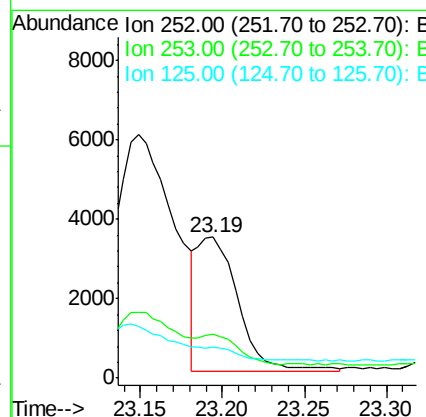
RT: 23.19 min Scan# 3599

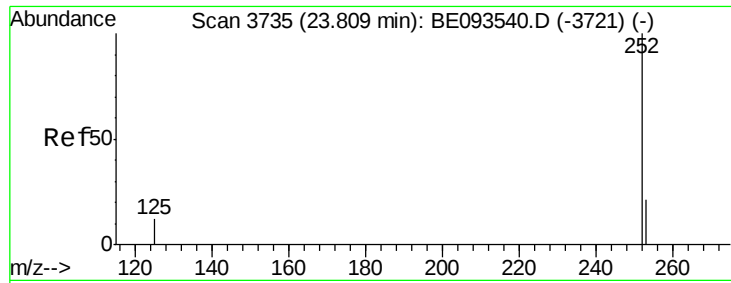
Delta R.T. -0.01 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Tgt Ion:	252	Resp:	5991
Ion Ratio	Lower	Upper	
252	100		
253	31.5	24.5	36.7
125	22.2	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.119 ng/ul m

RT: 23.81 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

Instrument :

BNA_E

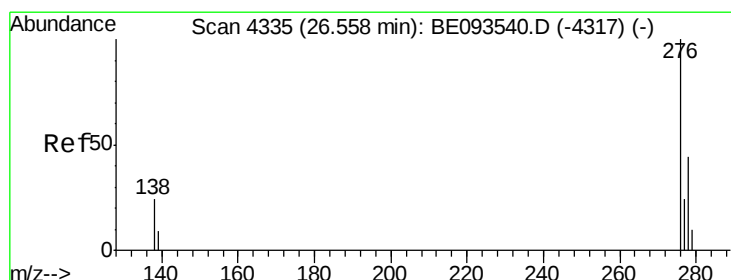
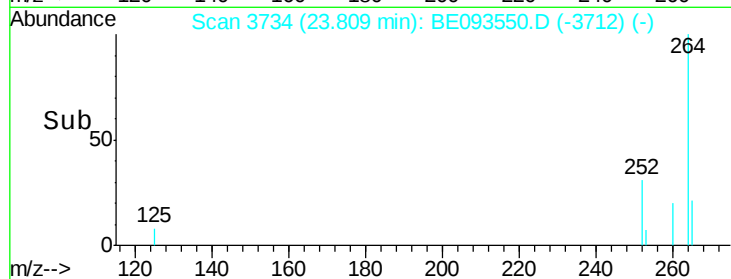
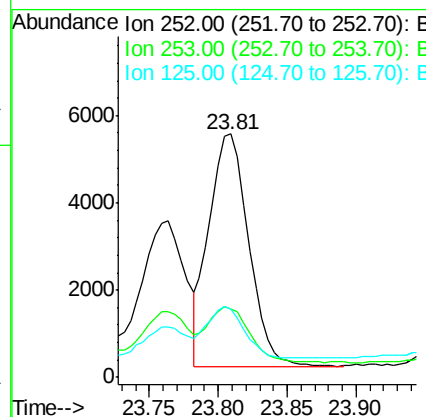
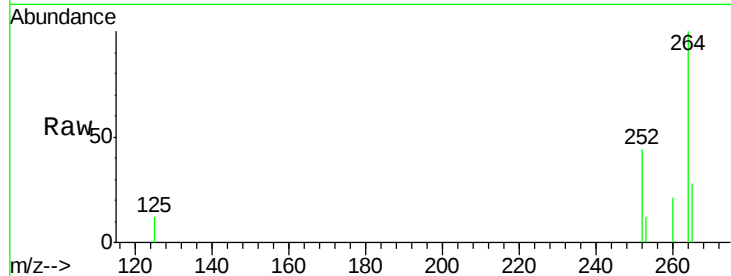
ClientSampleId :

C0B28

Tgt Ion:	252	Resp:	10667
Ion Ratio	Lower	Upper	
252	100		
253	28.2	28.5	42.7#
125	27.9	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.065 ng/ul m

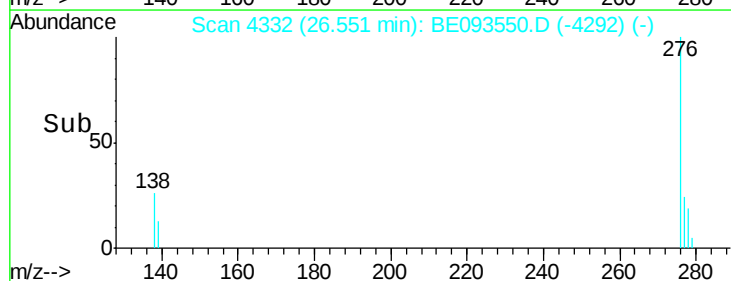
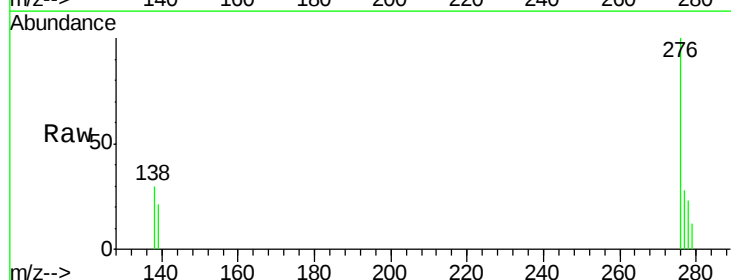
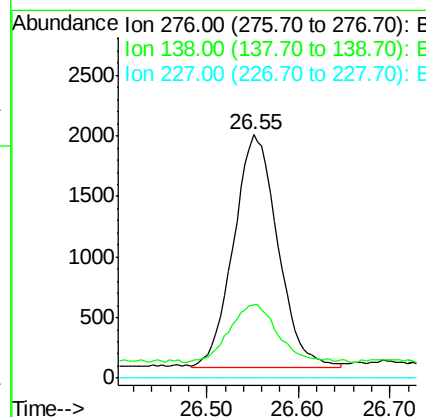
RT: 26.55 min Scan# 4332

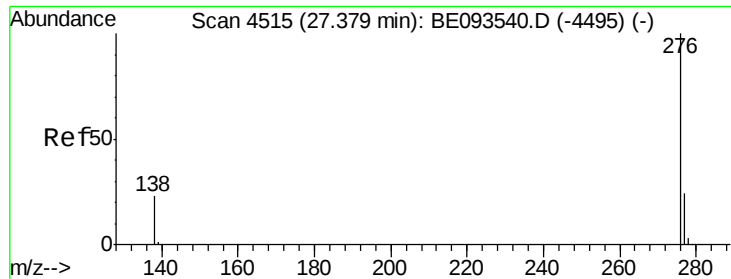
Delta R.T. -0.02 min

Lab File: BE093550.D

Acq: 24 Jul 2017 22:23

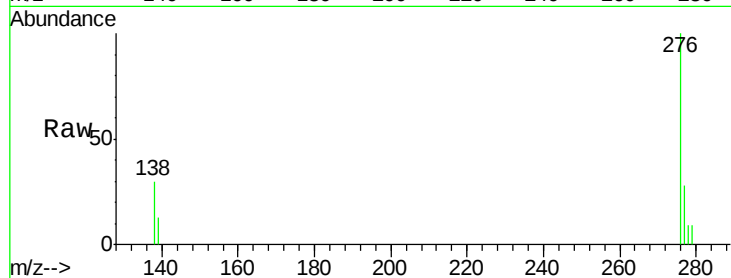
Tgt Ion:	276	Resp:	6435
Ion Ratio	Lower	Upper	
276	100		
138	1.3	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.064 ng/ul m
 RT: 27.37 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093550.D
 Acq: 24 Jul 2017 22:23

Instrument :
 BNA_E
 ClientSampleId :
 C0B28



Tgt Ion:	276	Resp:	5352
Ion Ratio	Lower	Upper	
276	100		
138	30.3	21.8	32.8
277	28.4	20.5	30.7

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