

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
 Data File : BE094883.D
 Acq On : 28 Nov 2017 14:36
 Operator : SJ/JU
 Sample : I6496-03DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

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Quant Time: Nov 29 01:49:49 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 29 01:10:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	558	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.71	136	3708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	2616	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	6254	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	6478	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	6776	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.34	152	297	0.05	ng/ul	0.03
14) Fluoranthene-d10	19.28	212	1001	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	355	0.040	ng/ul#	56
12) Phenanthrene	17.29	178	2176	0.130	ng/ul	95
13) Anthracene	17.38	178	805m	0.047	ng/ul	
15) Fluoranthene	19.31	202	7955	0.361	ng/ul	82
17) Pyrene	19.66	202	7626	0.376	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	4773	0.242	ng/ul#	90
19) Chrysene	21.47	228	4472	0.227	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	5865m	0.291	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2753m	0.128	ng/ul	
23) Benzo(a)pyrene	23.84	252	4542	0.226	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.69	276	3063	0.140	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.67	278	824	0.045	ng/ul#	71
26) Benzo(g,h,i)perylene	27.53	276	2644	0.144	ng/ul#	93

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

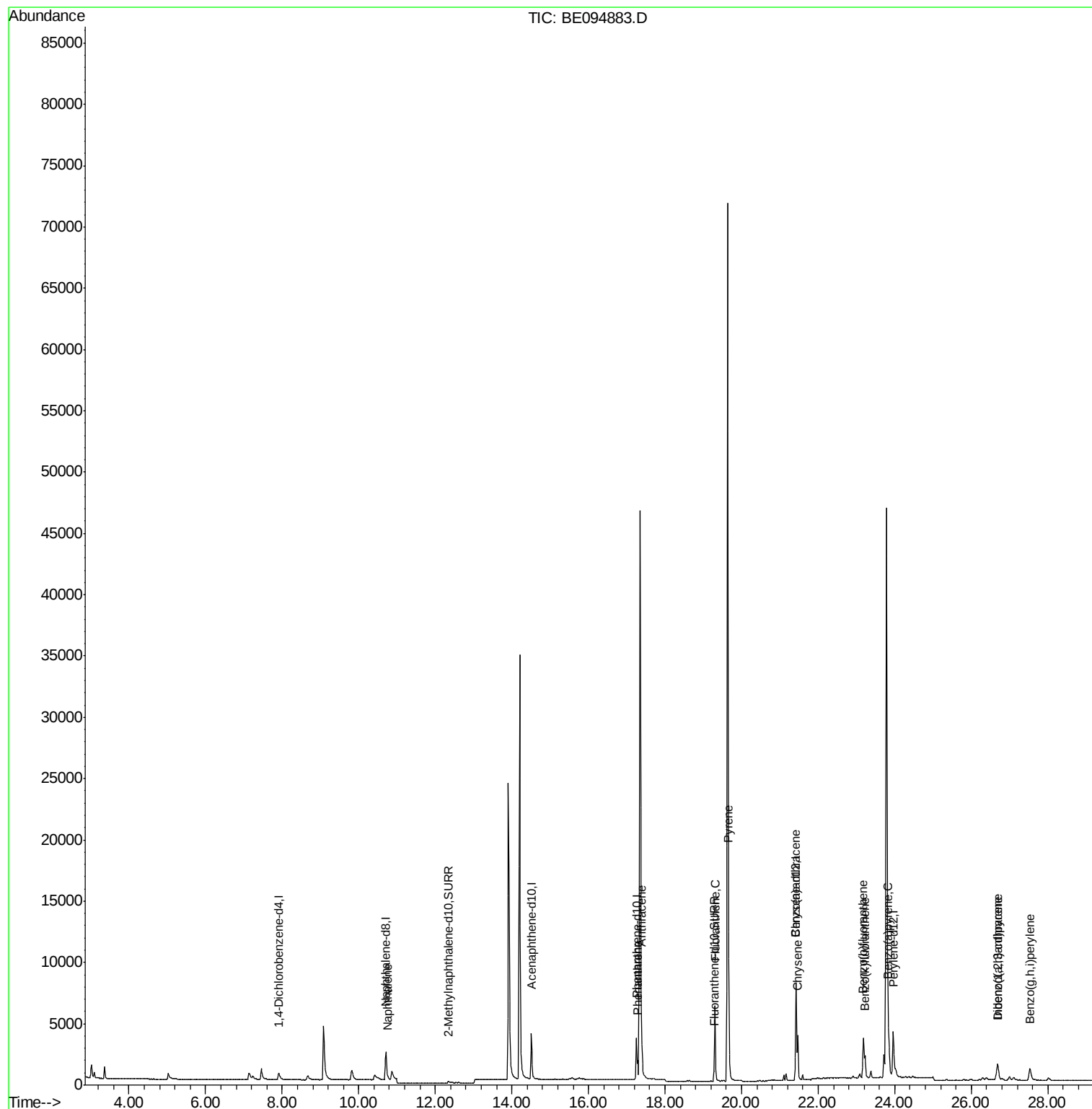
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
Data File : BE094883.D
Acq On : 28 Nov 2017 14:36
Operator : SJ/JU
Sample : I6496-03DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

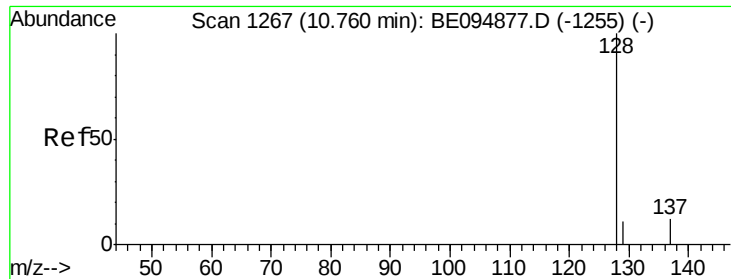
Instrument :
BNA_E
ClientSampleId :
C0AA2DL

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Quant Time: Nov 29 01:49:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

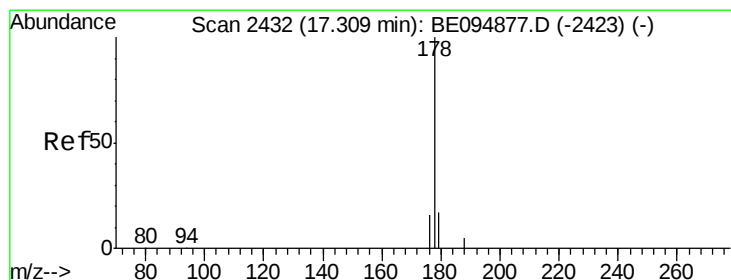
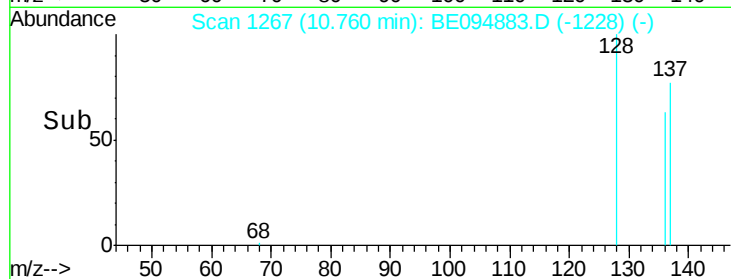
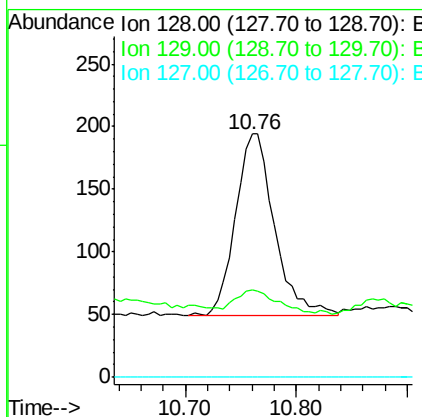
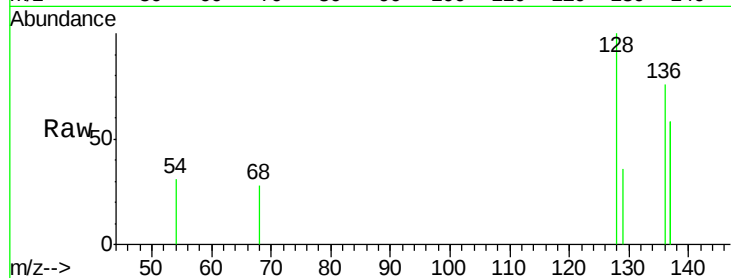
ClientSampled :

C0AA2DL

Tgt Ion:	128	Resp:	355
Ion Ratio	Lower	Upper	
128	100		
129	36.1	11.3	16.9#
127	0.0	4.0	6.0#

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#12

Phenanthrene

Concen: 0.130 ng/ul

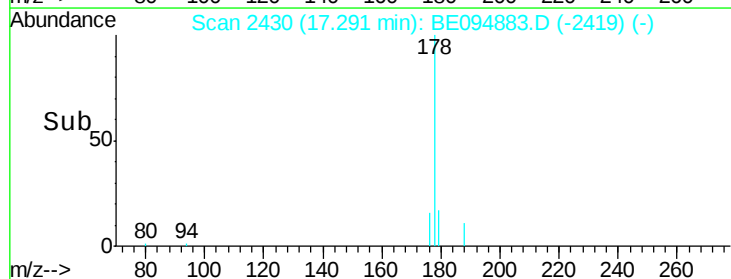
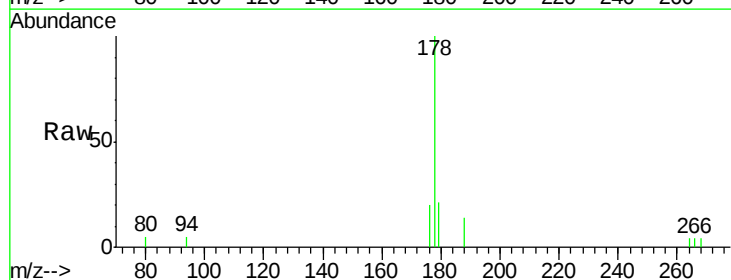
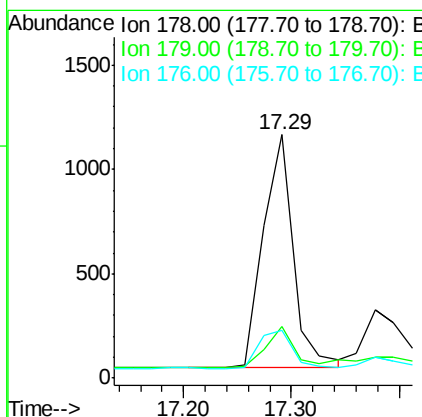
RT: 17.29 min Scan# 2430

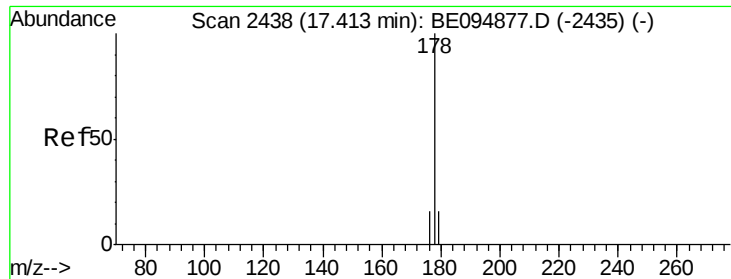
Delta R.T. -0.02 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Tgt Ion:	178	Resp:	2176
Ion Ratio	Lower	Upper	
178	100		
179	21.0	18.4	27.6
176	19.5	13.6	20.4





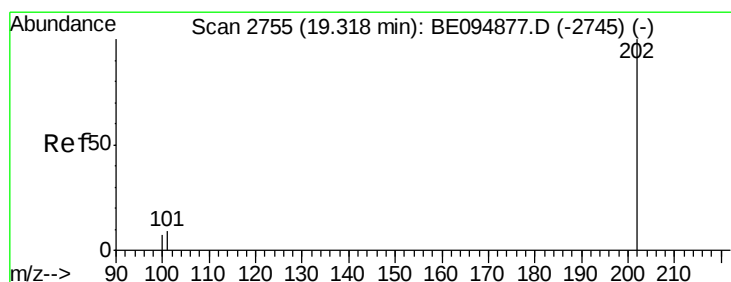
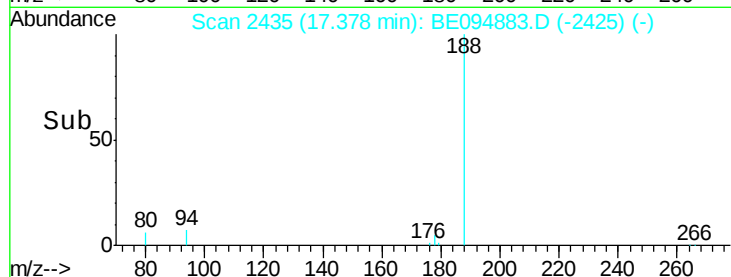
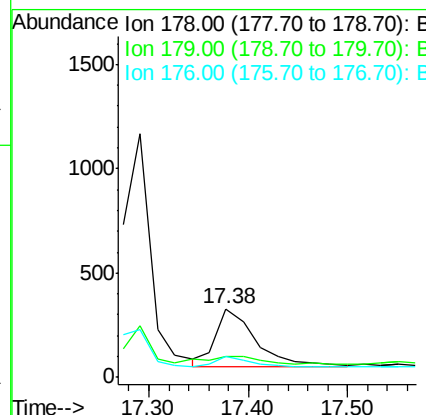
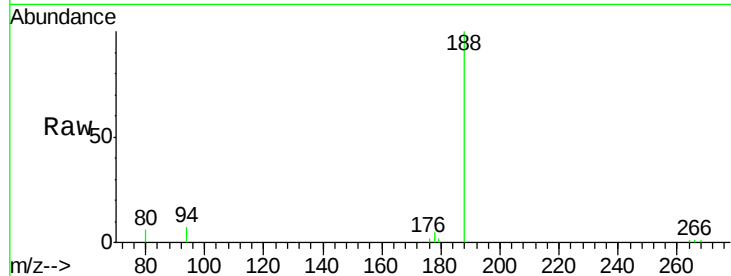
#13
 Anthracene
 Concen: 0.047 ng/ul m
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.03 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	31.2	18.1	27.1#
176	30.0	14.7	22.1#

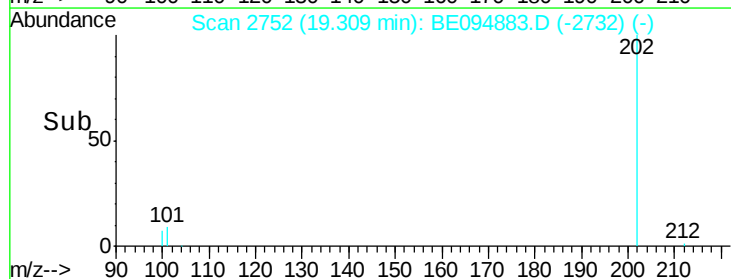
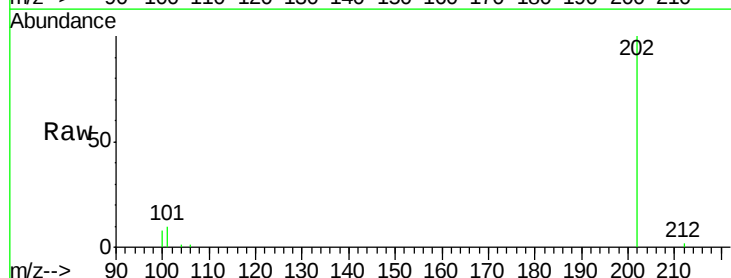
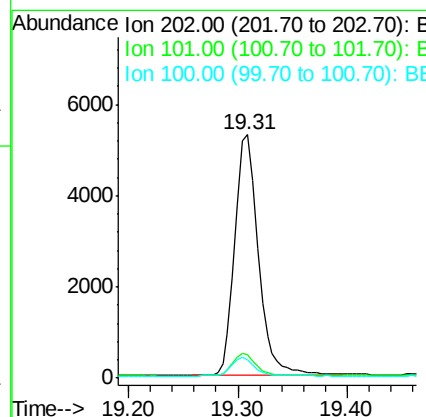
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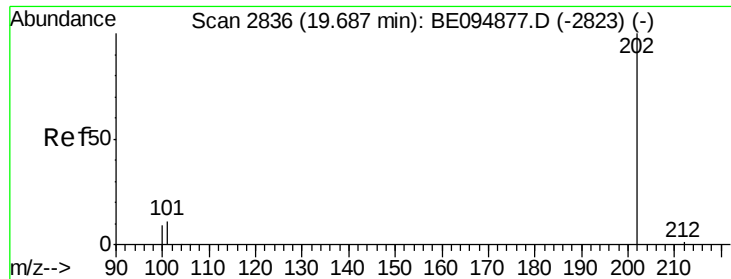
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#15
 Fluoranthene
 Concen: 0.361 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	7.7	0.0	39.5





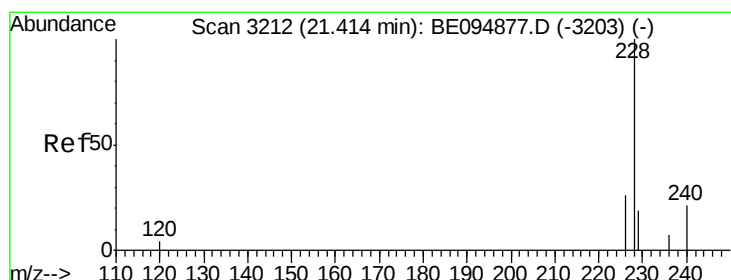
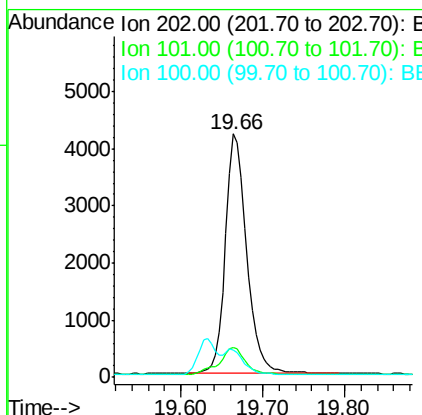
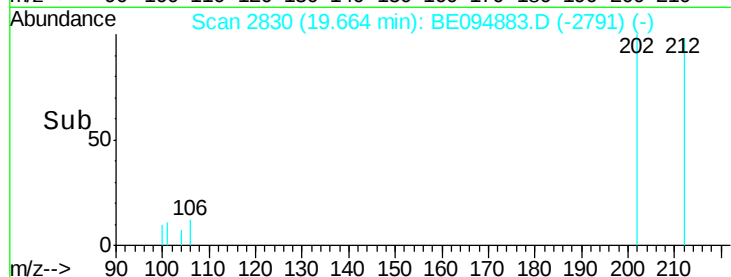
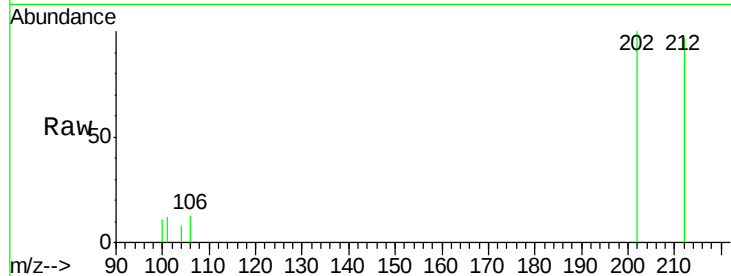
#17
Pyrene
 Concen: 0.376 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.2	15.6	23.4#

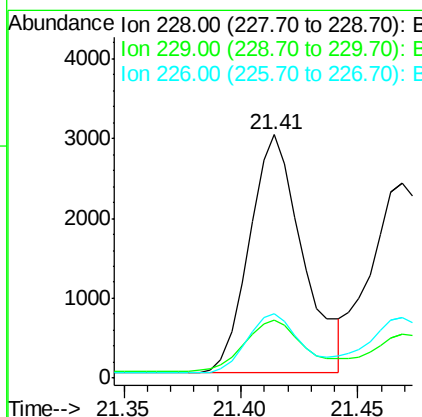
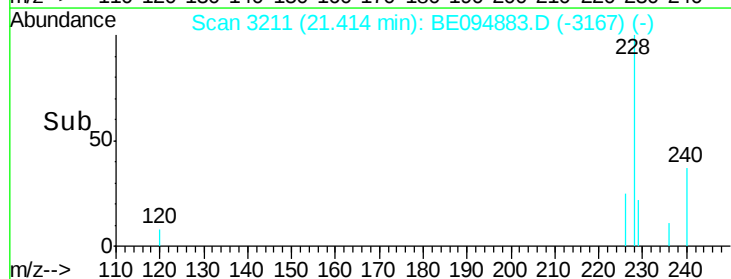
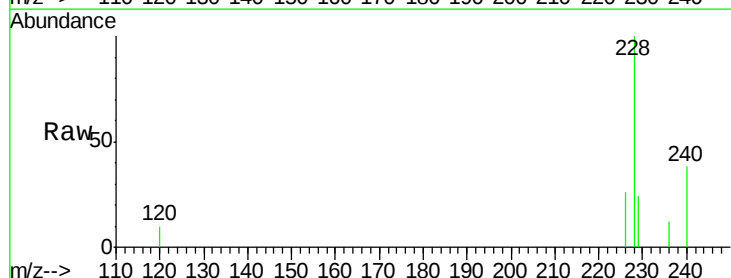
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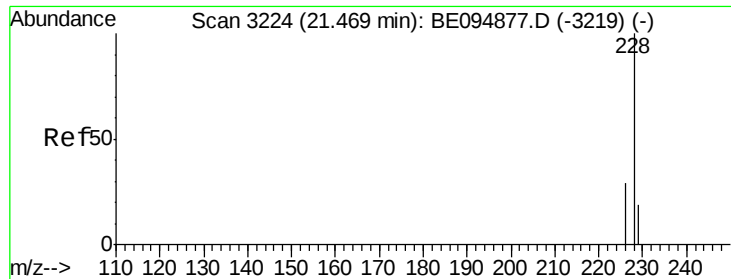
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#18
Benzo(a)anthracene
 Concen: 0.242 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.9	22.8	34.2
226	26.4	17.0	25.6#





#19

Chrysene

Concen: 0.227 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

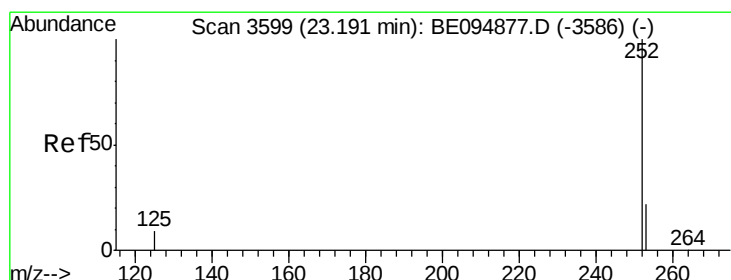
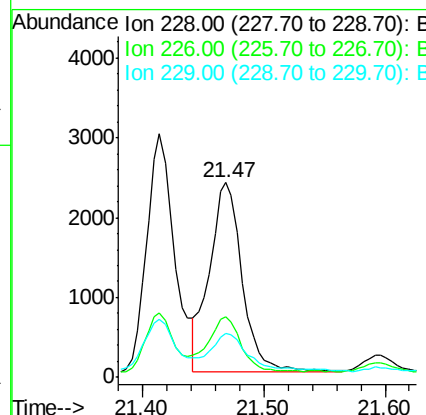
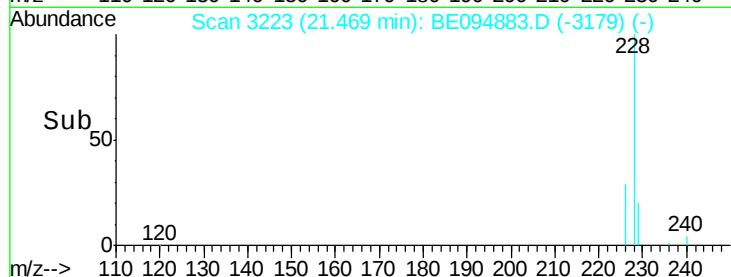
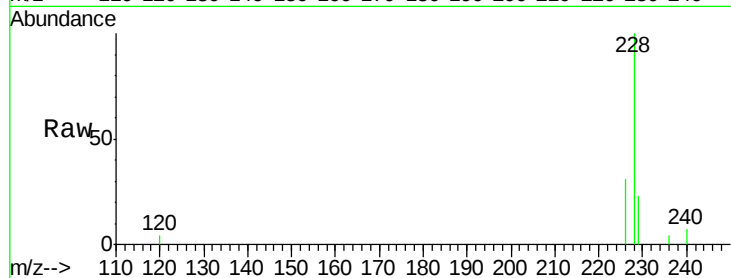
ClientSampleId :

C0AA2DL

Tgt Ion:	228	Resp:	4472
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.291 ng/ul m

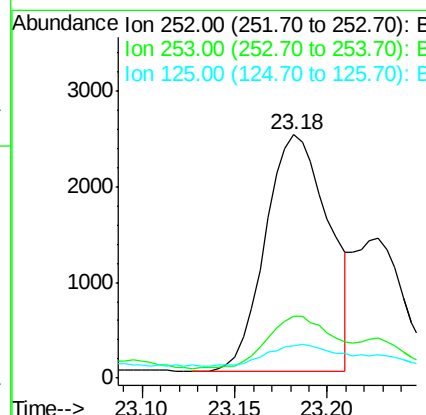
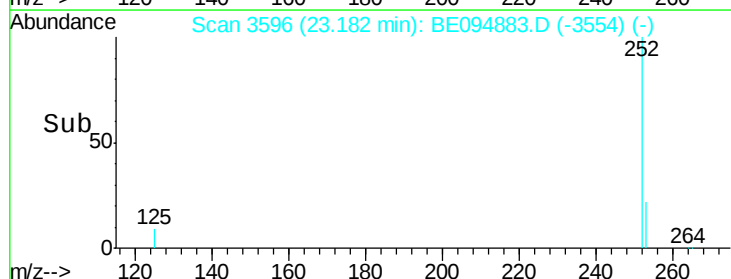
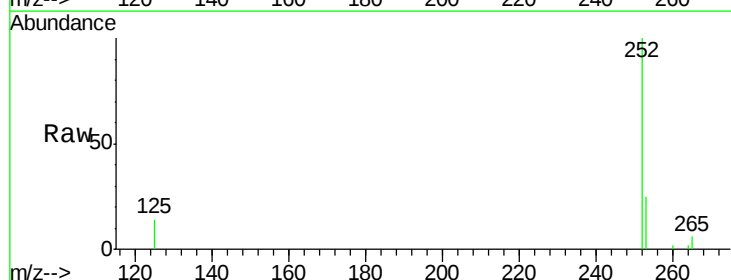
RT: 23.18 min Scan# 3596

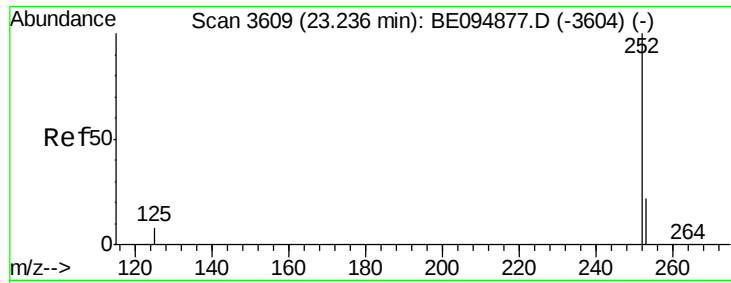
Delta R.T. -0.01 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Tgt Ion:	252	Resp:	5865
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	64.2
125	13.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.128 ng/ul m

RT: 23.23 min Scan# 3606

Delta R.T. -0.01 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

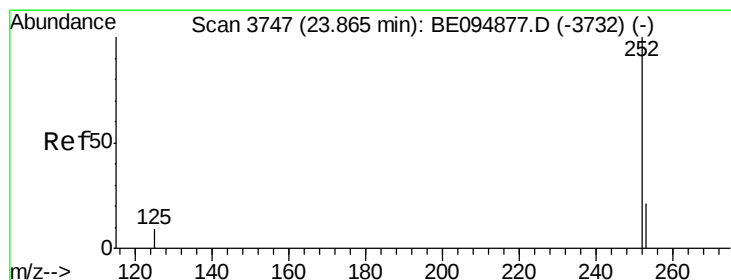
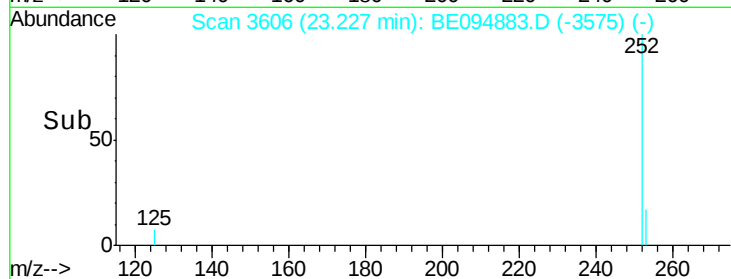
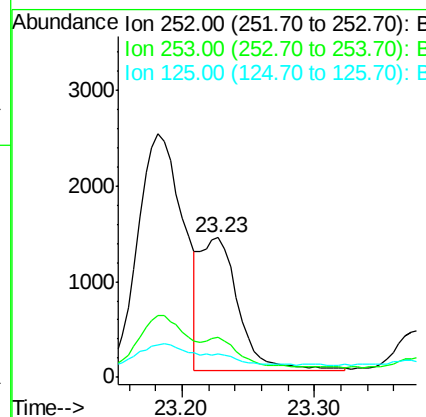
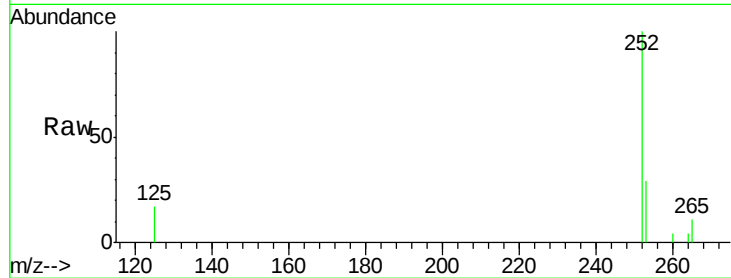
ClientSampleId :

C0AA2DL

Tgt Ion:	252	Resp:	2753
Ion Ratio	Lower	Upper	
252	100		
253	28.6	24.5	36.7
125	17.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.226 ng/ul

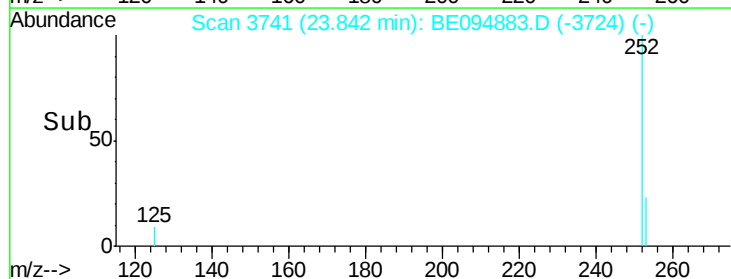
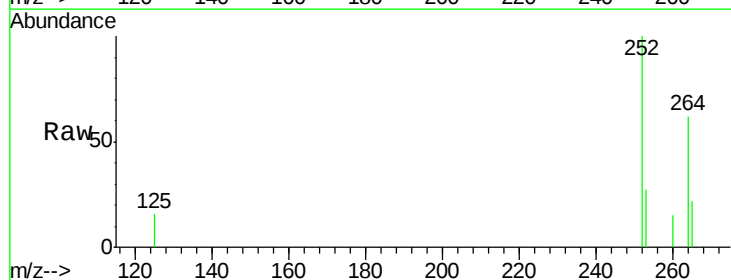
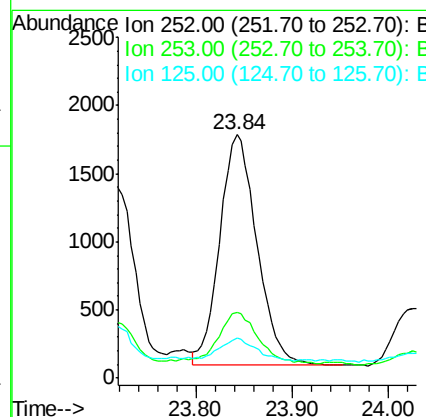
RT: 23.84 min Scan# 3741

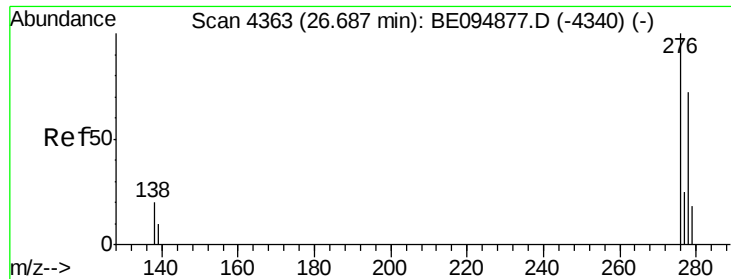
Delta R.T. -0.02 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Tgt Ion:	252	Resp:	4542
Ion Ratio	Lower	Upper	
252	100		
253	27.2	28.5	42.7#
125	16.4	18.1	27.1#





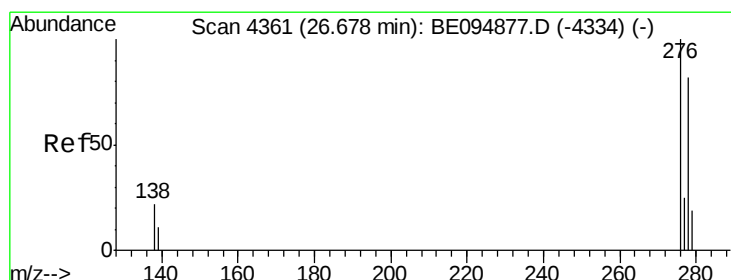
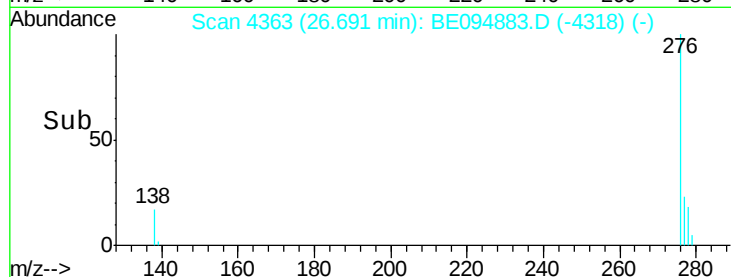
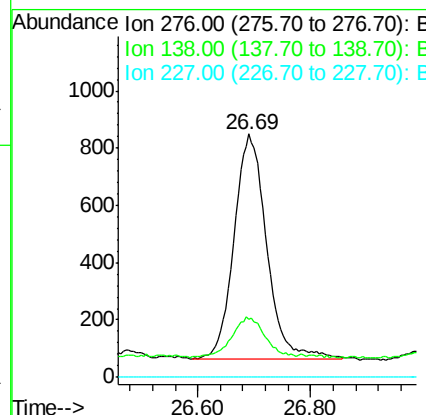
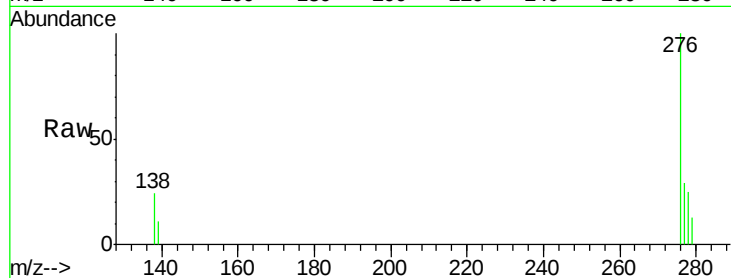
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.140 ng/ul
 RT: 26.69 min Scan# 4363
 Delta R.T. 0.00 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	28.0	42.0#
227	0.0	8.0	12.0#

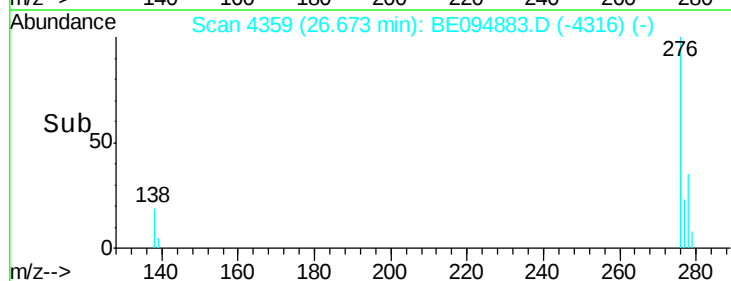
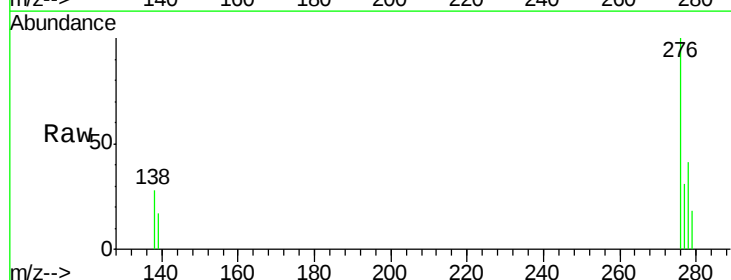
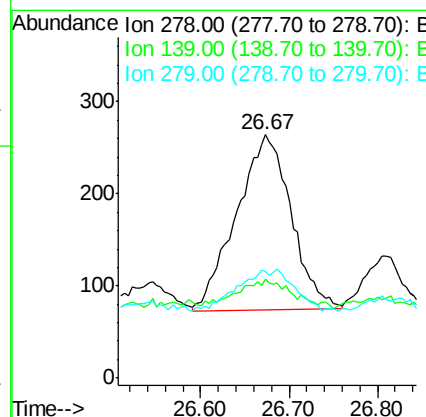
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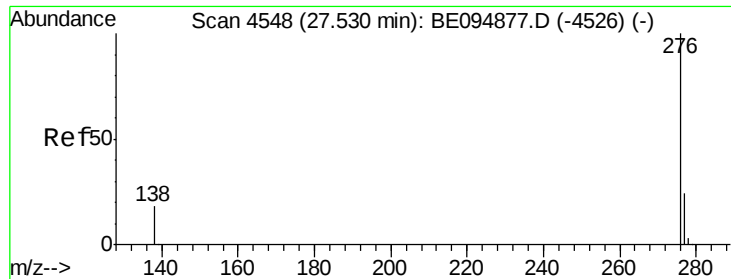
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.00 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

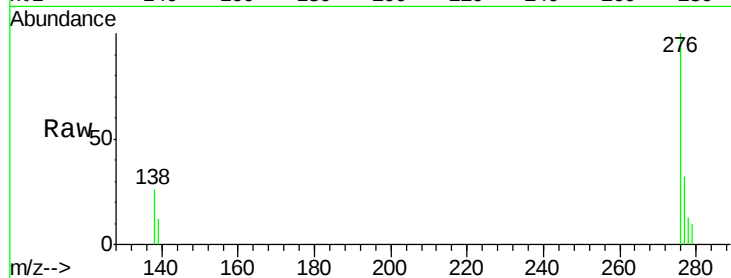
Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.9	17.4	26.0#
279	43.9	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.144 ng/ul
 RT: 27.53 min Scan# 4548
 Delta R.T. 0.00 min
 Lab File: BE094883.D
 Acq: 28 Nov 2017 14:36

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	26.0	21.8	32.8	
277	31.5	20.5	30.7	

Manual Integrations
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