

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094751.D
 Acq On : 6 Nov 2017 13:55
 Operator : SJ/JU
 Sample : I5955-04RE 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-17(5-6.5)-101717RE

Manual Integrations
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 11/7/2017 5:41:29 PM

Quant Time: Nov 07 00:35:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 00:12:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1191	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4085	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8627	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8559	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10233	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	791	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2313	0.09	ng/ul	0.00

Target Compounds				Qvalue		
7) Acenaphthylene	14.24	152	895	0.048	ng/ul#	79
12) Phenanthrene	17.29	178	3653	0.160	ng/ul#	90
13) Anthracene	17.40	178	1941	0.086	ng/ul#	82
15) Fluoranthene	19.31	202	47397	1.799	ng/ul	84
17) Pyrene	19.67	202	53302	2.014	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	45000	1.839	ng/ul#	88
19) Chrysene	21.47	228	41813	1.653	ng/ul	94
21) Benzo(b)fluoranthene	23.19	252	61152m	2.124	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	20948m	0.679	ng/ul	
23) Benzo(a)pyrene	23.86	252	43917	1.526	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.69	276	24193	0.813	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.67	278	5403	0.215	ng/ul#	56
26) Benzo(g,h,i)perylene	27.54	276	17623	0.737	ng/ul#	87

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

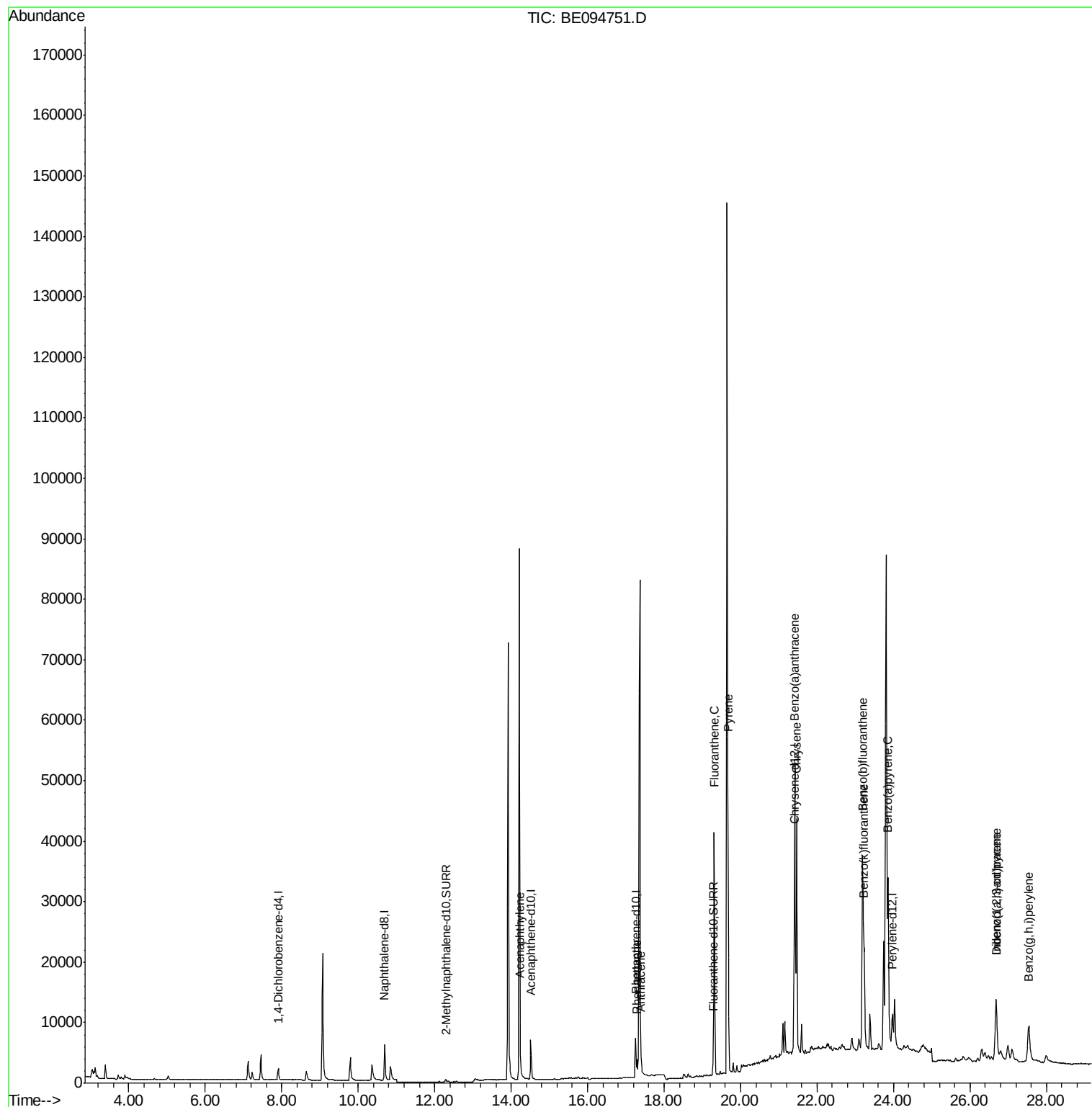
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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ALS Vial : 6 Sample Multiplier: 1

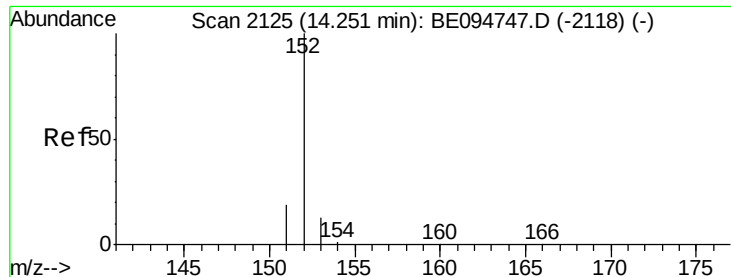
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Tue Nov 07 00:12:32 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Instrument :

BNA_E

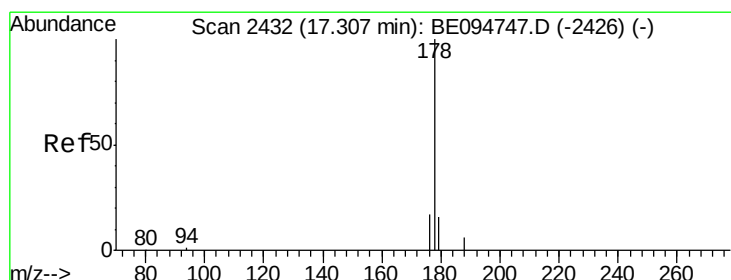
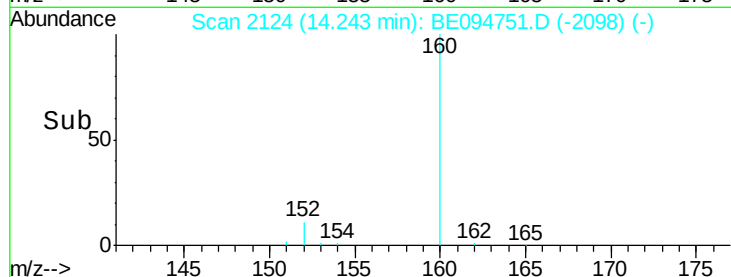
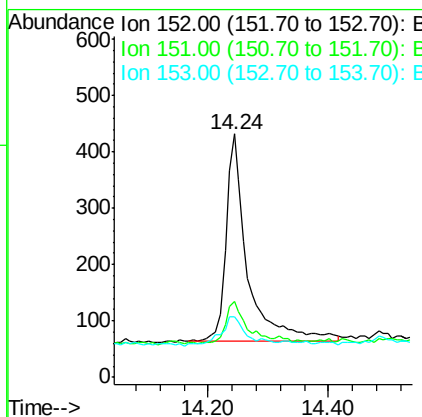
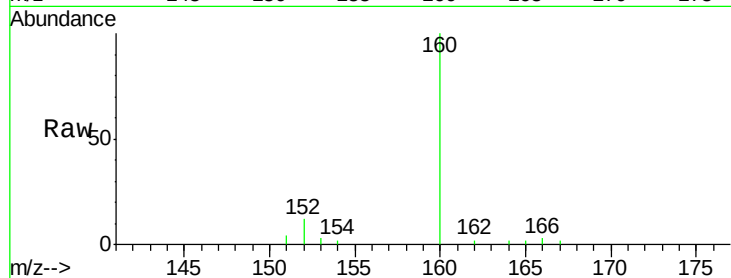
ClientSampleId :

B-17(5-6.5)-101717RE

Tgt Ion:	152	Resp:	895
Ion Ratio	Lower	Upper	
152	100		
151	31.0	17.1	25.7#
153	25.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.160 ng/ul

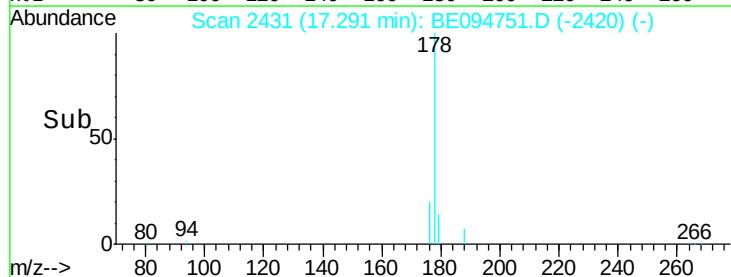
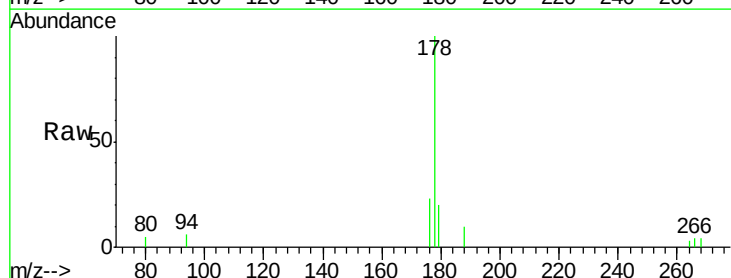
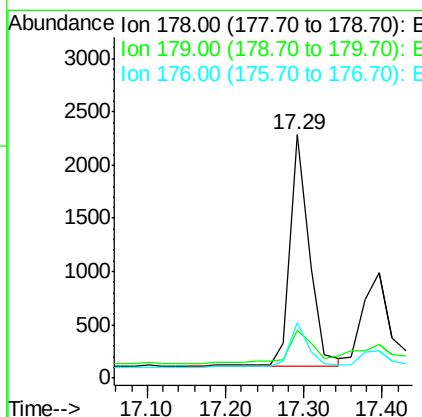
RT: 17.29 min Scan# 2431

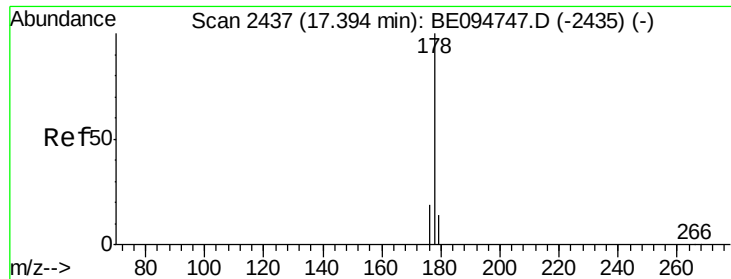
Delta R.T. -0.02 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Tgt Ion:	178	Resp:	3653
Ion Ratio	Lower	Upper	
178	100		
179	19.8	18.4	27.6
176	23.0	13.6	20.4#





#13

Anthracene

Concen: 0.086 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Instrument :

BNA_E

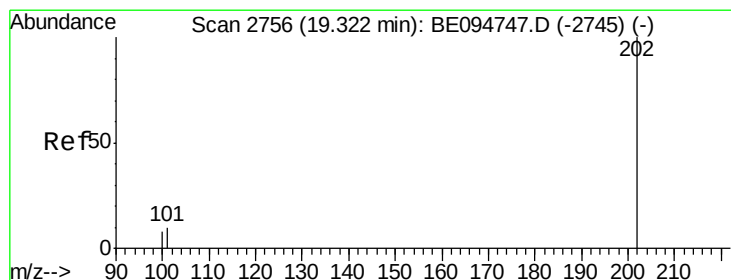
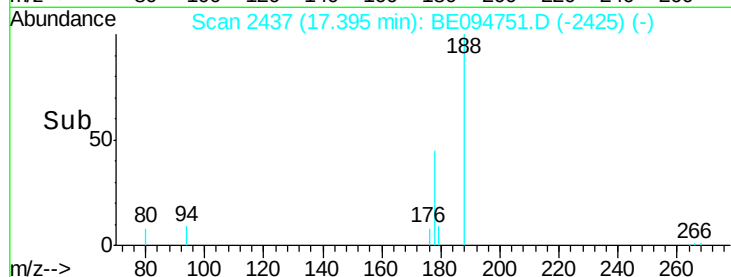
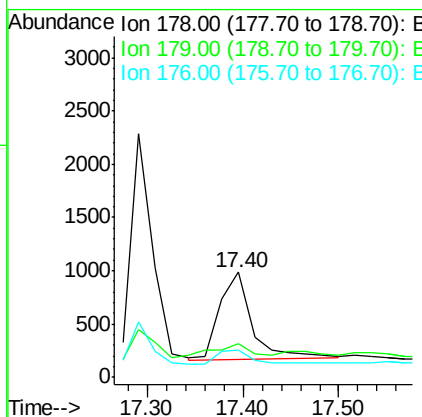
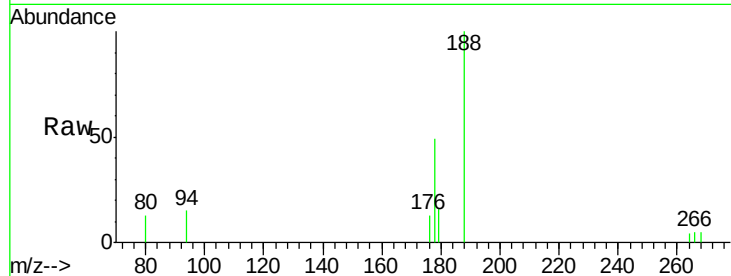
ClientSampleId :

B-17(5-6.5)-101717RE

Tgt Ion:	178	Resp:	1941
Ion Ratio	Lower	Upper	
178	100		
179	31.6	18.1	27.1#
176	26.0	14.7	22.1#

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#15

Fluoranthene

Concen: 1.799 ng/ul

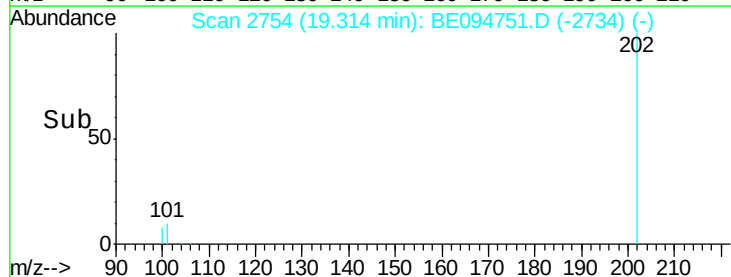
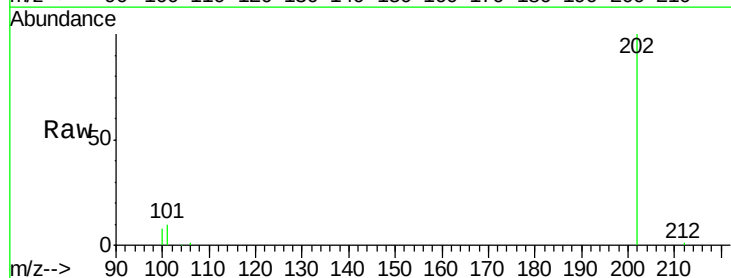
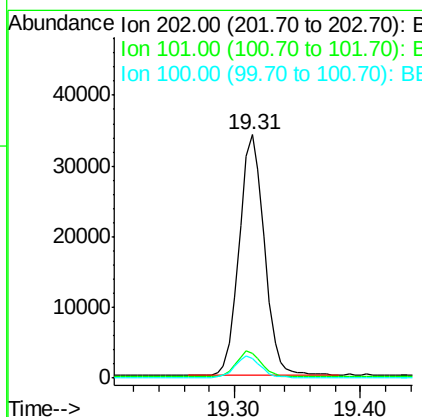
RT: 19.31 min Scan# 2754

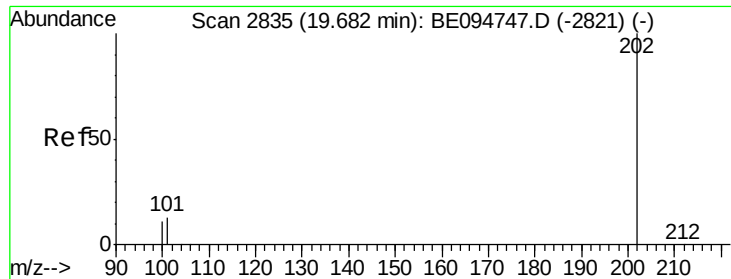
Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Tgt Ion:	202	Resp:	47397
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.3
100	8.3	0.0	39.5





#17

Pyrene

Concen: 2.014 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Instrument :

BNA_E

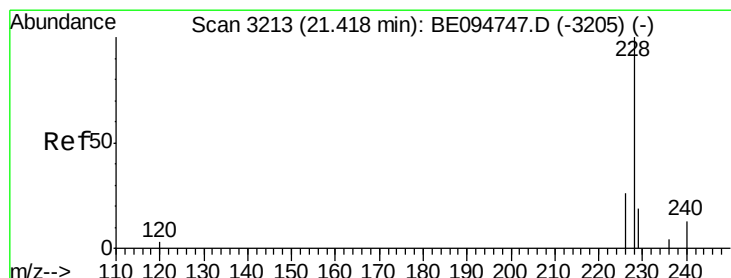
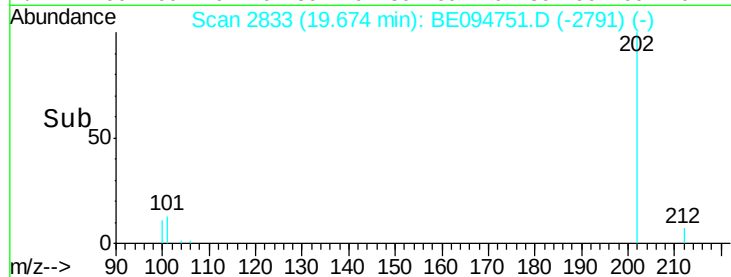
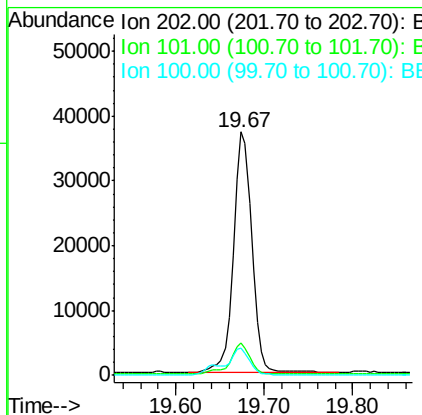
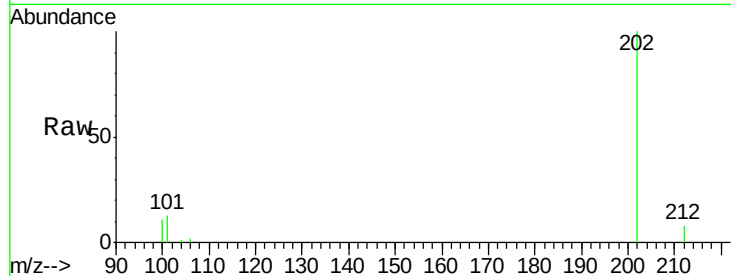
ClientSampleId :

B-17(5-6.5)-101717RE

Tgt Ion:	202	Resp:	53302
Ion Ratio	Lower	Upper	
202	100		
101	13.2	18.2	27.4#
100	11.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.839 ng/ul

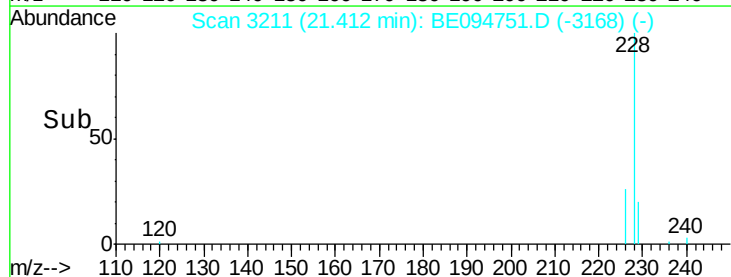
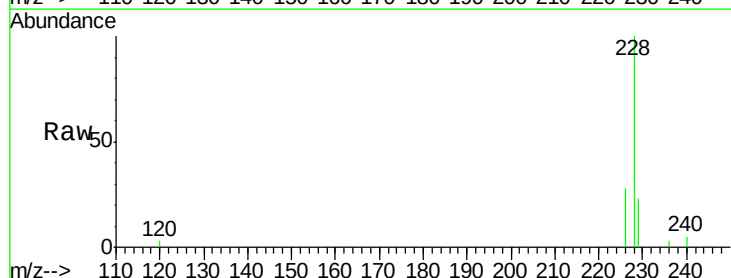
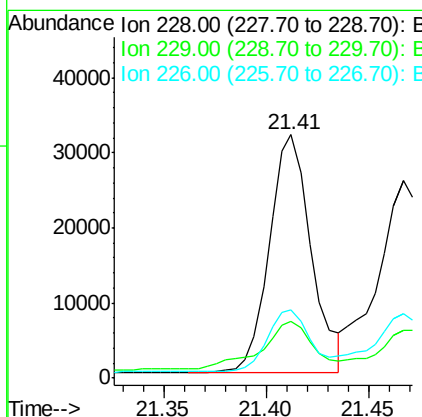
RT: 21.41 min Scan# 3211

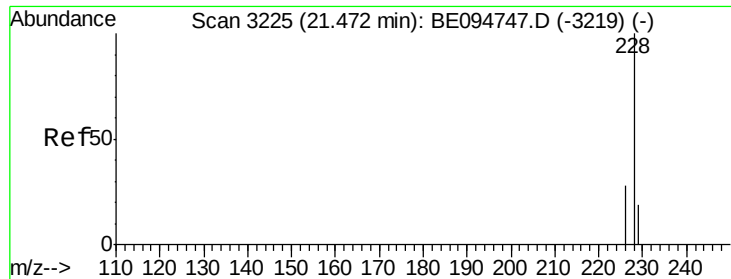
Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Tgt Ion:	228	Resp:	45000
Ion Ratio	Lower	Upper	
228	100		
229	23.3	22.8	34.2
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 1.653 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Instrument :

BNA_E

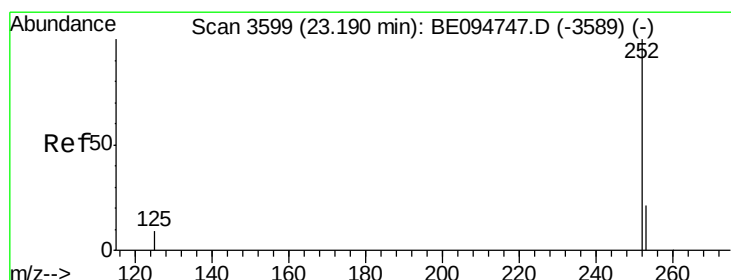
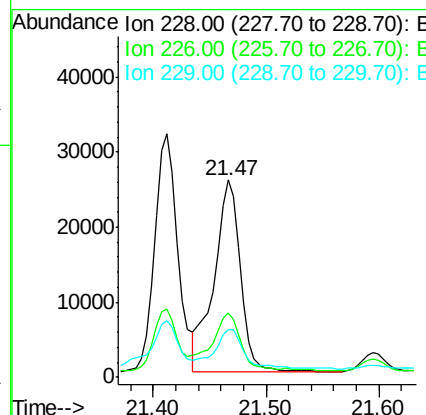
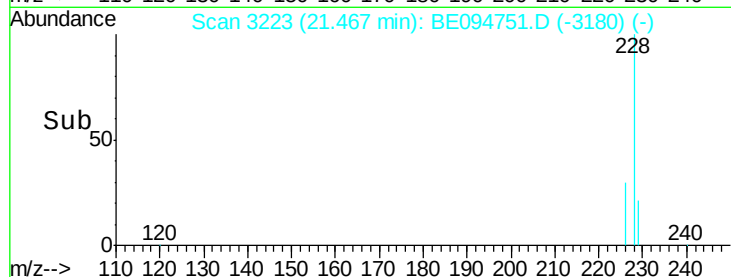
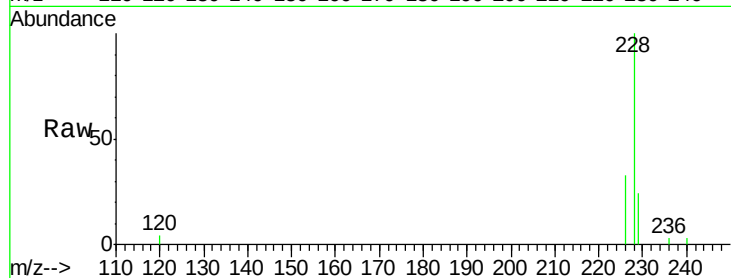
ClientSampleId :

B-17(5-6.5)-101717RE

Tgt Ion:	228	Resp:	41813
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.4	35.0
229	24.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.124 ng/ul m

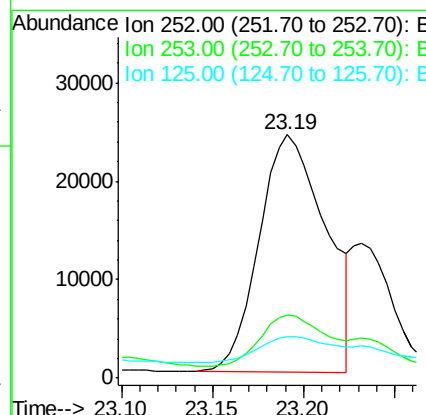
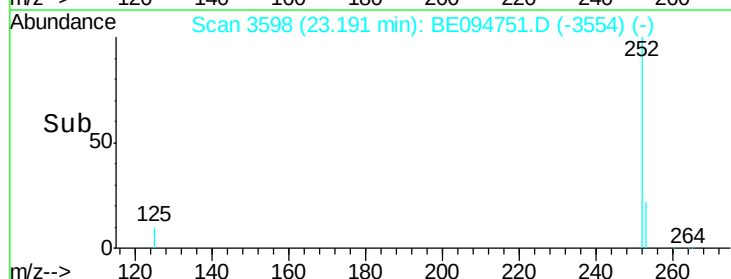
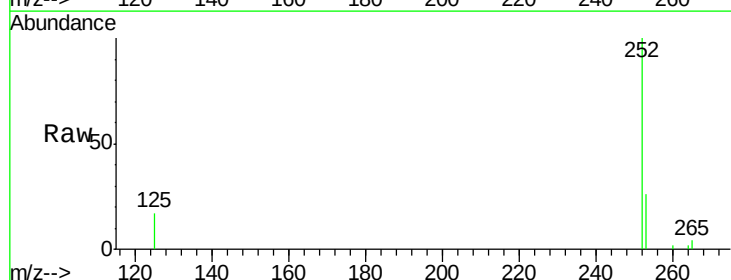
RT: 23.19 min Scan# 3598

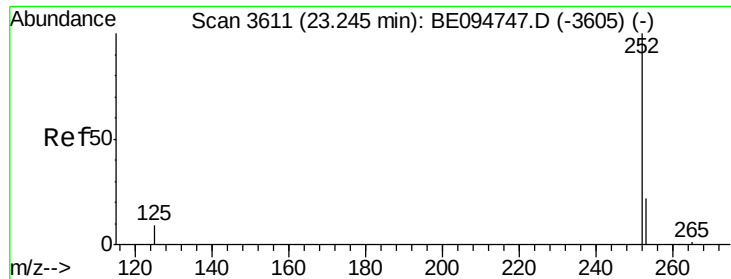
Delta R.T. 0.00 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Tgt Ion:	252	Resp:	61152
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	64.2
125	17.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.679 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Instrument :

BNA_E

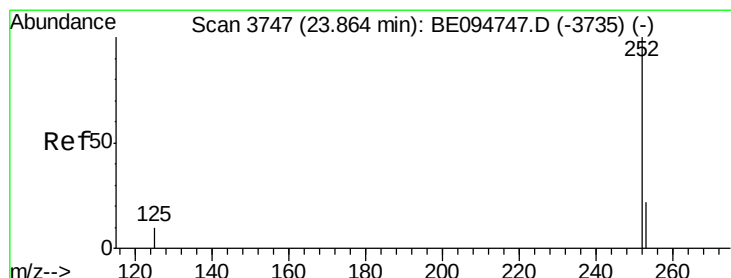
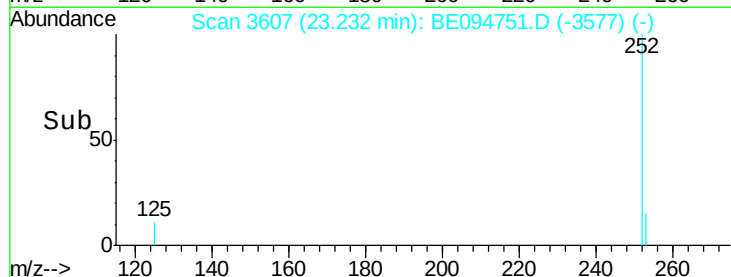
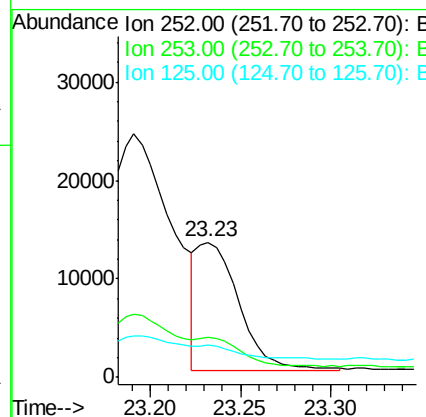
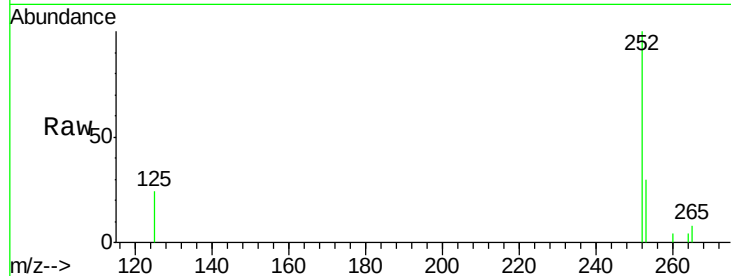
ClientSampleId :

B-17(5-6.5)-101717RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	24.5	36.7
125	23.7	13.7	20.5#

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11/7/2017 5:41:29 PM



#23

Benzo(a)pyrene

Concen: 1.526 ng/ul

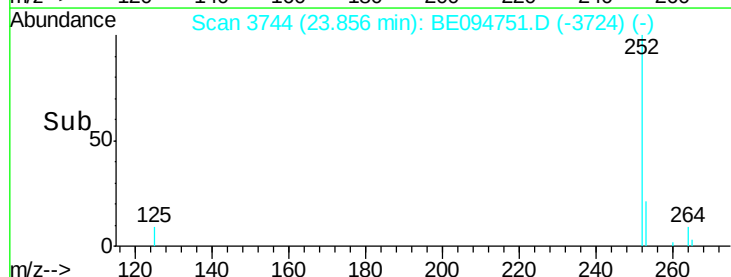
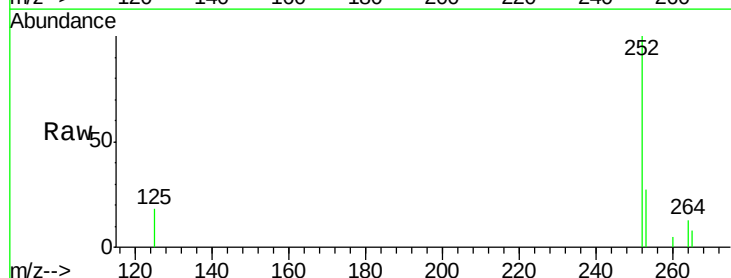
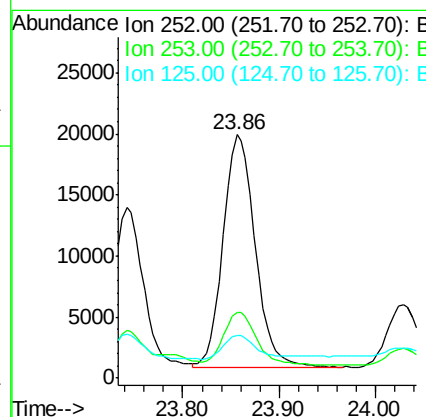
RT: 23.86 min Scan# 3744

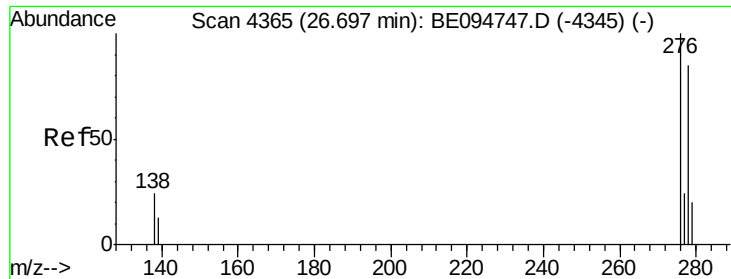
Delta R.T. -0.01 min

Lab File: BE094751.D

Acq: 6 Nov 2017 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.5	42.7#
125	17.7	18.1	27.1#





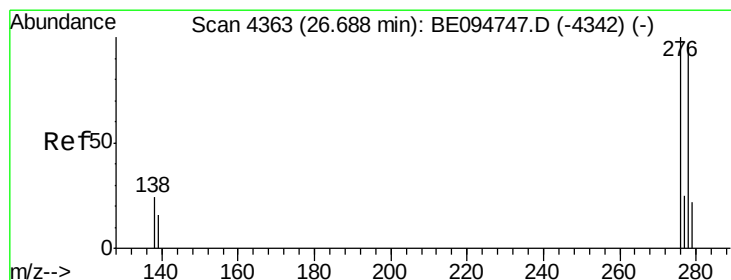
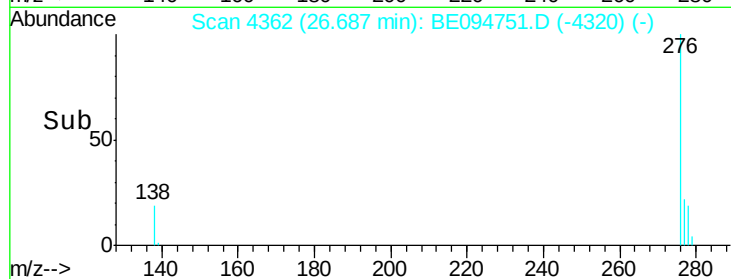
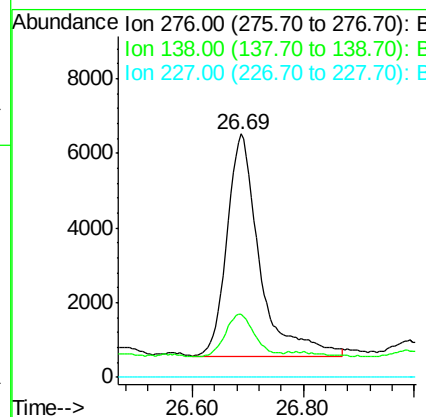
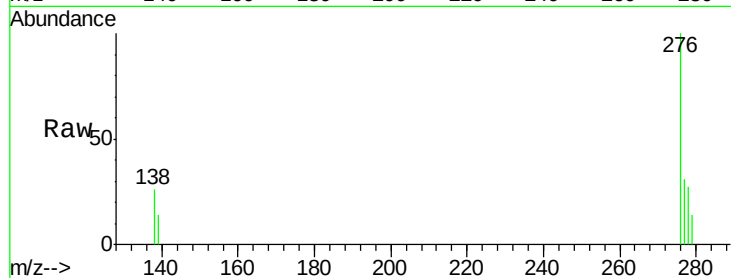
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.813 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. -0.01 min
 Lab File: BE094751.D
 Acq: 6 Nov 2017 13:55

Instrument :
 BNA_E
 ClientSampleId :
 B-17(5-6.5)-101717RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	28.0	42.0#
227	0.0	8.0	12.0#

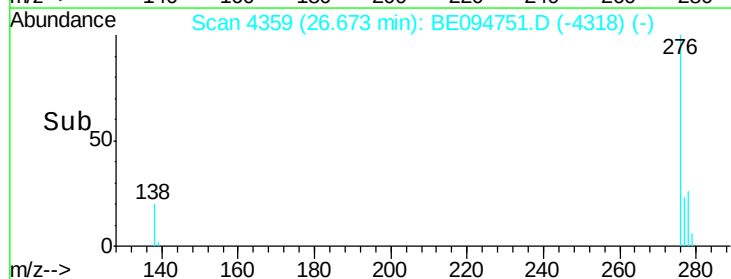
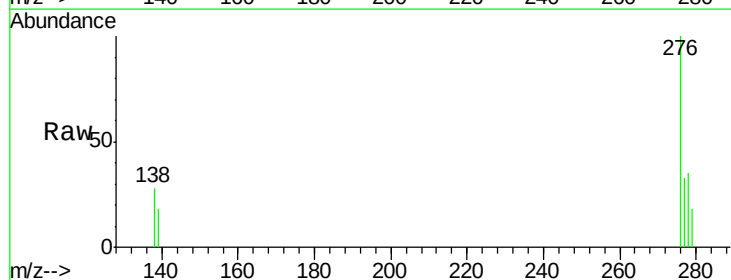
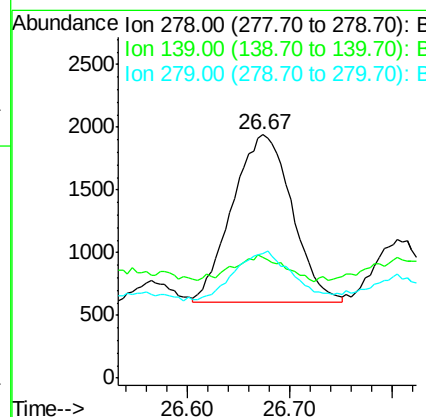
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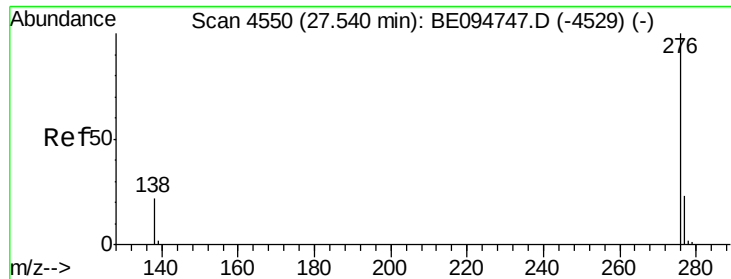
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.215 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.01 min
 Lab File: BE094751.D
 Acq: 6 Nov 2017 13:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.7	17.4	26.0#
279	51.2	25.9	38.9#





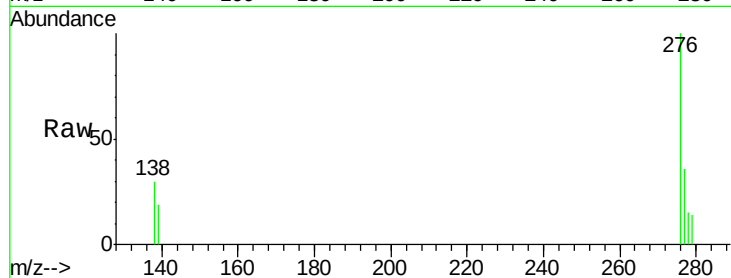
#26
 Benzo(g,h,i)perylene
 Concen: 0.737 ng/ul
 RT: 27.54 min Scan# 4549
 Delta R.T. -0.00 min
 Lab File: BE094751.D
 Acq: 6 Nov 2017 13:55

Instrument :
 BNA_E
 ClientSampleId :
 B-17(5-6.5)-101717RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	21.8	32.8
277	35.7	20.5	30.7

Manual Integrations
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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

