

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094268.D
 Acq On : 11 Oct 2017 1:37
 Operator : SJ/JU
 Sample : I5522-17DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Manual Integrations
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Sohil
 10/11/2017 7:20:23 PM

Quant Time: Oct 11 08:13:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1994	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10075	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5585	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12085	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12582	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	12638	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1016	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2389	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.35	142	329	0.021	ng/ul	95
12) Phenanthrene	17.29	178	10026	0.317	ng/ul	95
13) Anthracene	17.38	178	2720	0.089	ng/ul	97
15) Fluoranthene	19.30	202	30175	0.727	ng/ul	84
17) Pyrene	19.66	202	30619	0.875	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	17167	0.514	ng/ul#	87
19) Chrysene	21.45	228	17501	0.454	ng/ul	95
21) Benzo(b)fluoranthene	23.14	252	23005m	0.670	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	8935m	0.225	ng/ul	
23) Benzo(a)pyrene	23.80	252	17746	0.497	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.57	276	11309	0.310	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.58	278	3082	0.101	ng/ul#	56
26) Benzo(g,h,i)perylene	27.39	276	10405	0.331	ng/ul#	89

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

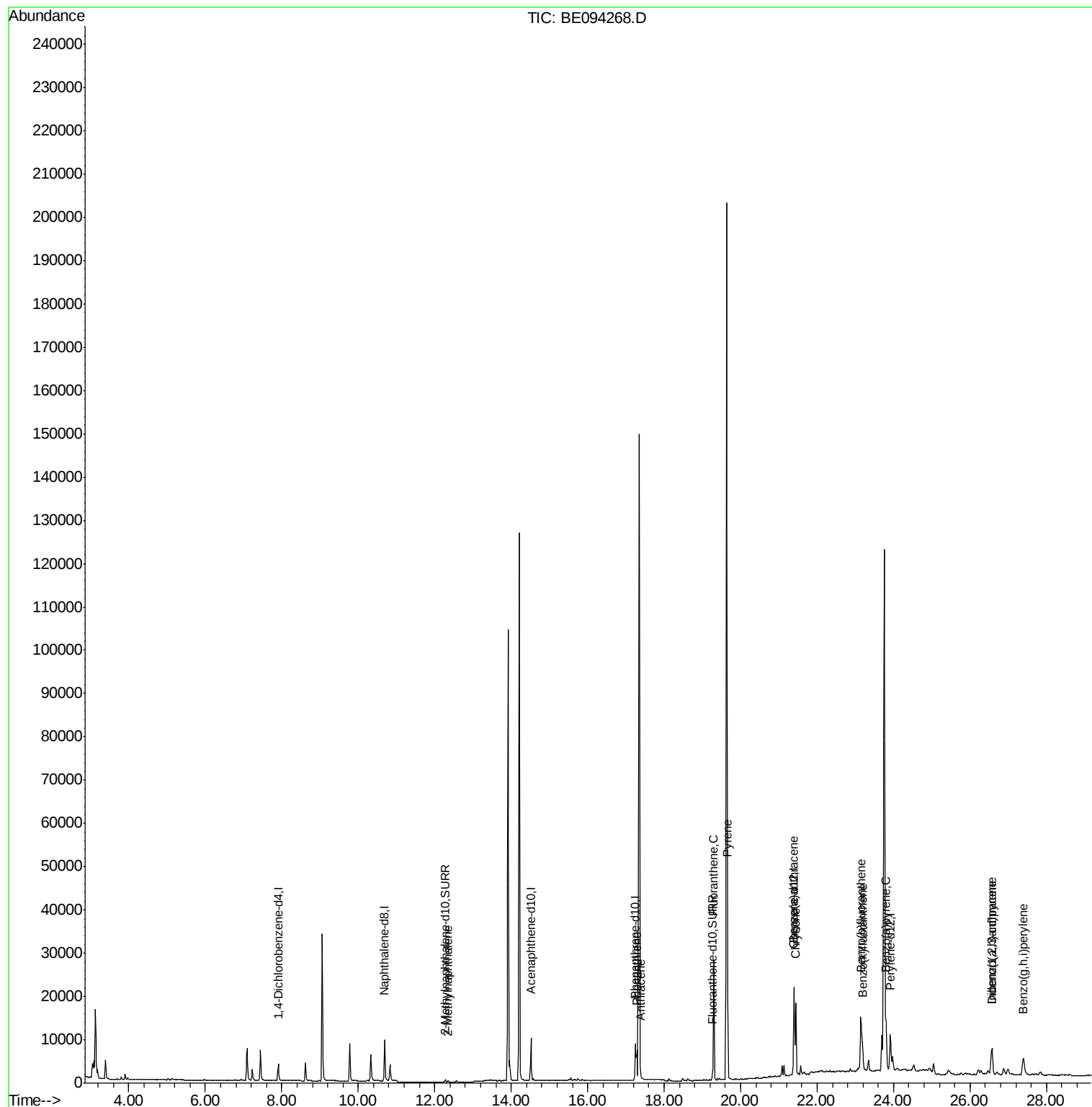
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094268.D
Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
Sample : I5522-17DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

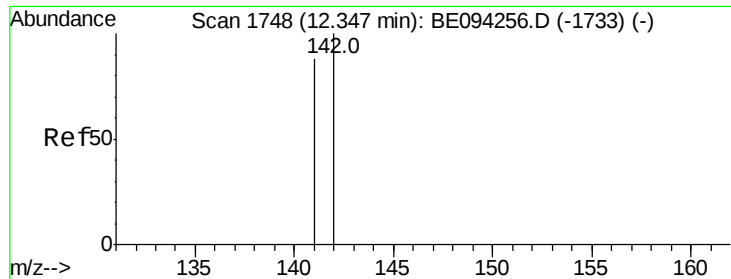
Instrument :
BNA_E
ClientSampleId :
C0AC3DL

Manual Integrations
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10/11/2017 7:20:23 PM

Quant Time: Oct 11 08:13:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BE094268.D

Acq: 11 Oct 2017 1:37

Instrument :

BNA_E

ClientSampled :

C0AC3DL

Tot Ion:142 Resp: 329

Ion Ratio Lower Upper

142 100

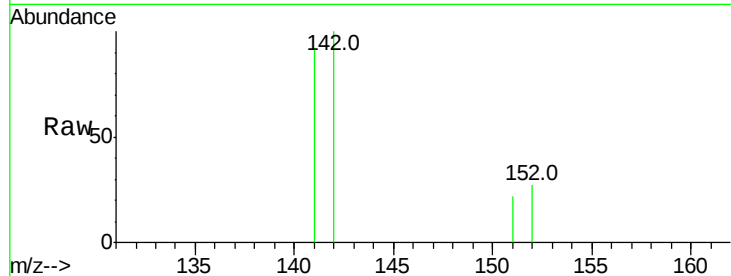
141 86.3 72.6 108.8

Manual Integrations

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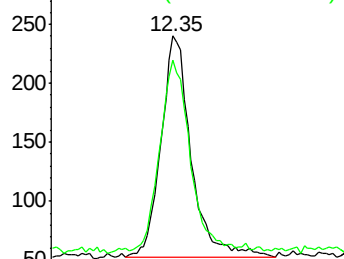
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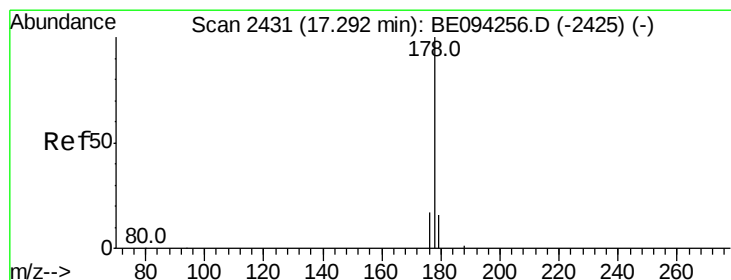
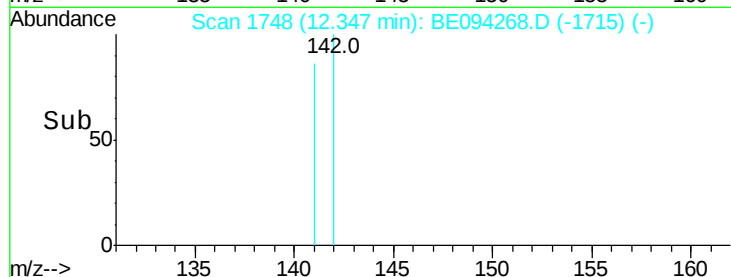


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#12

Phenanthrene

Concen: 0.317 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094268.D

Acq: 11 Oct 2017 1:37

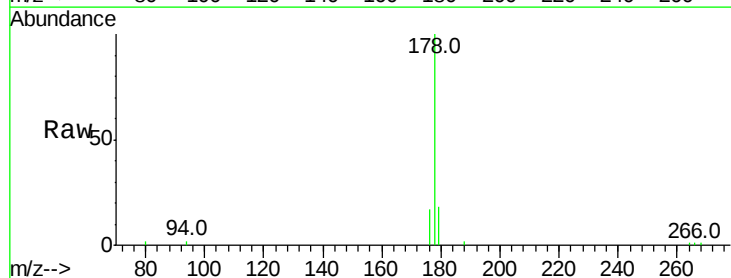
Tgt Ion:178 Resp: 10026

Ion Ratio Lower Upper

178 100

179 18.5 18.4 27.6

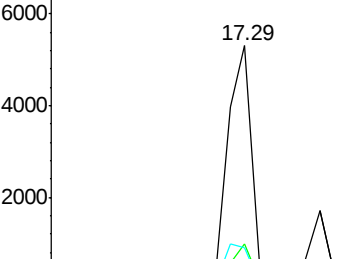
176 16.9 13.6 20.4



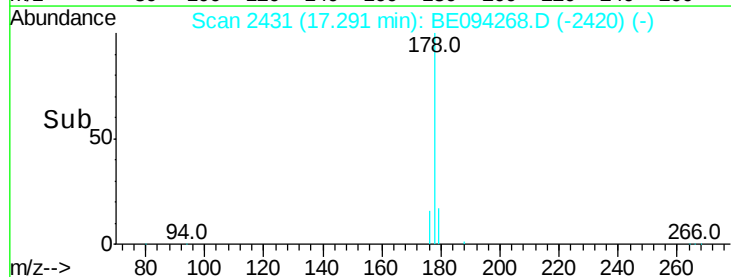
Abundance Ion 178.00 (177.70 to 178.70): E

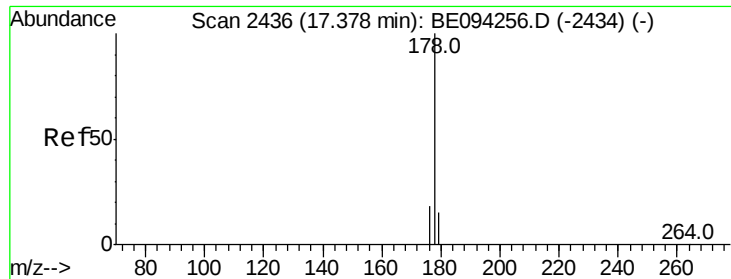
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





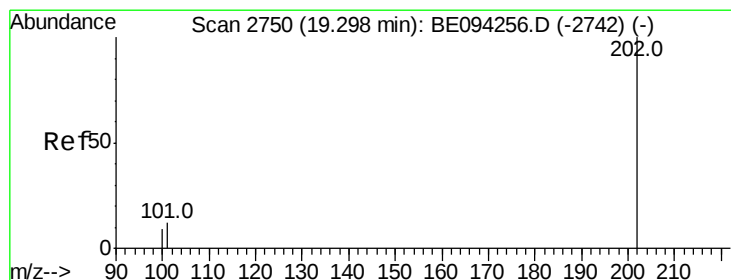
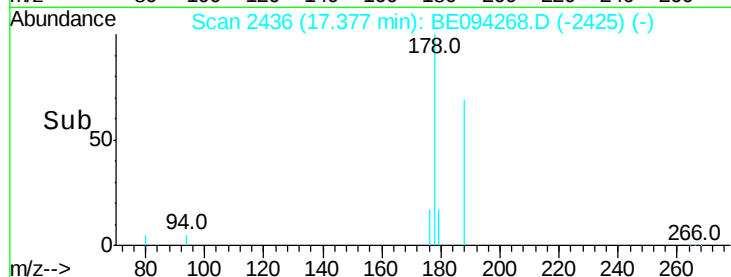
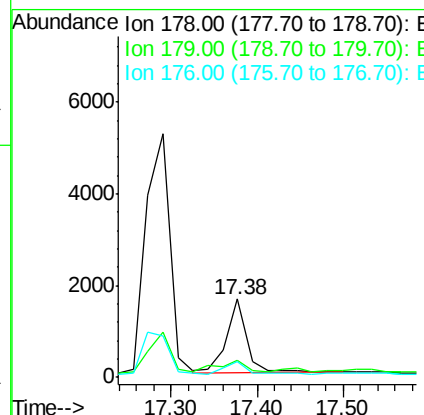
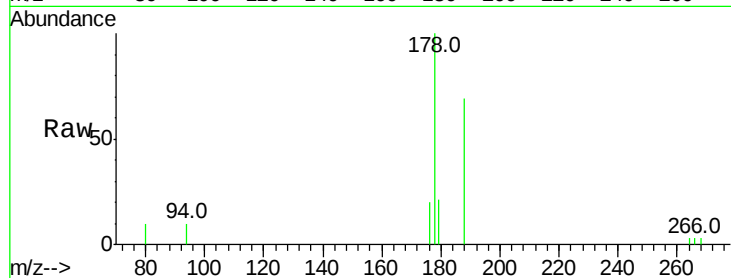
#13
 Anthracene
 Concen: 0.089 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094268.D
 Acq: 11 Oct 2017 1:37

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.3	18.1	27.1
176	20.1	14.7	22.1

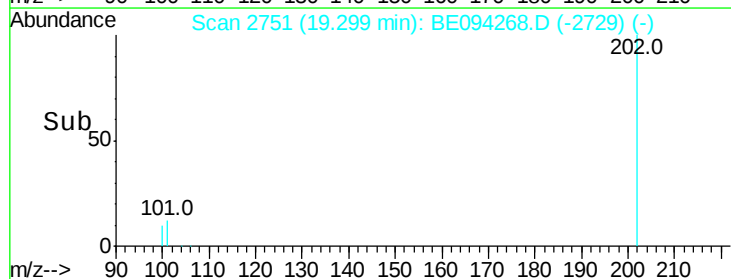
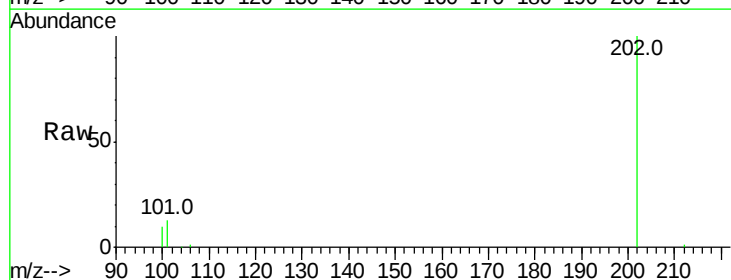
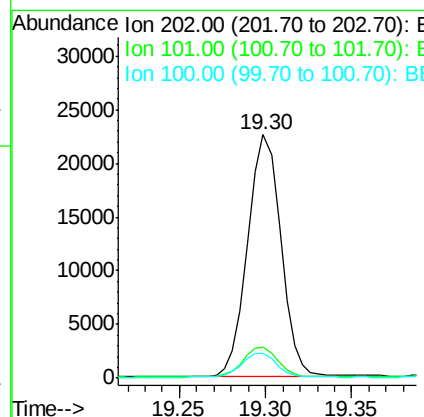
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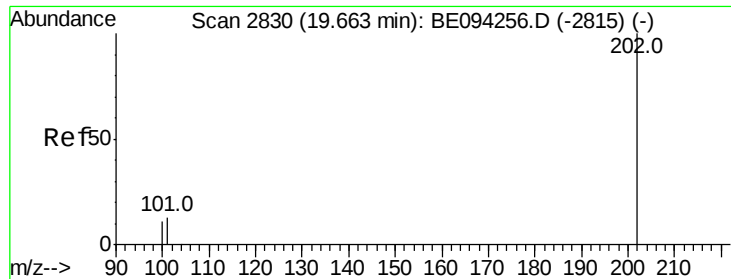
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#15
 Fluoranthene
 Concen: 0.727 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE094268.D
 Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	30.3
100	10.1	0.0	39.5





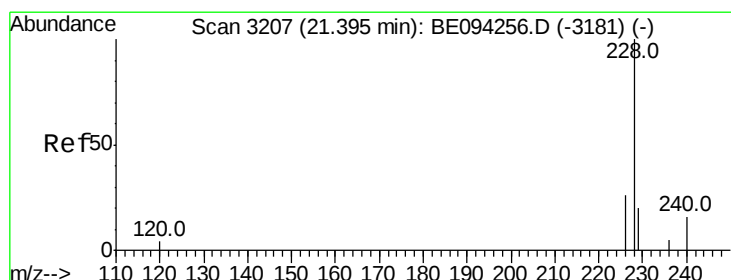
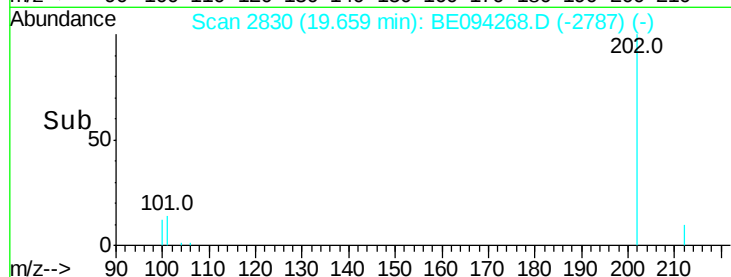
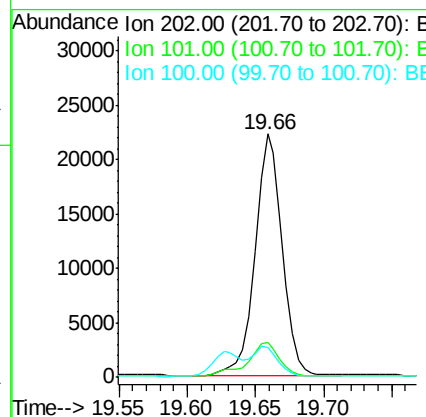
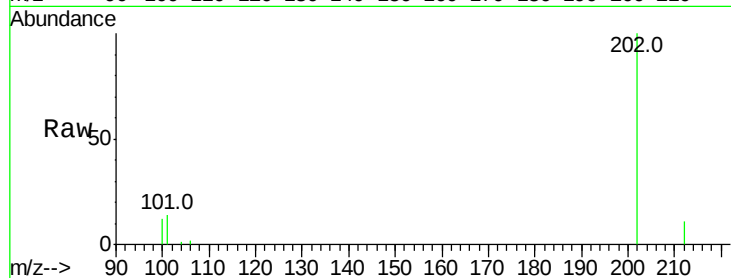
#17
Pvrene
Concen: 0.875 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094268.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.4	15.6	23.4#

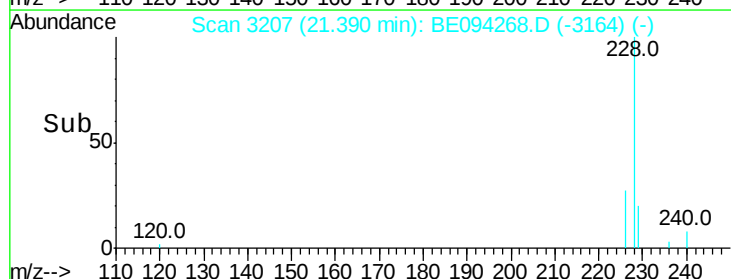
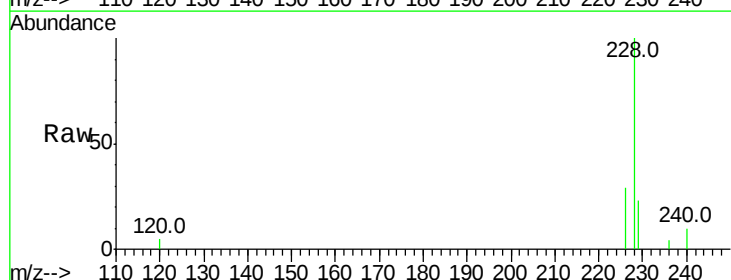
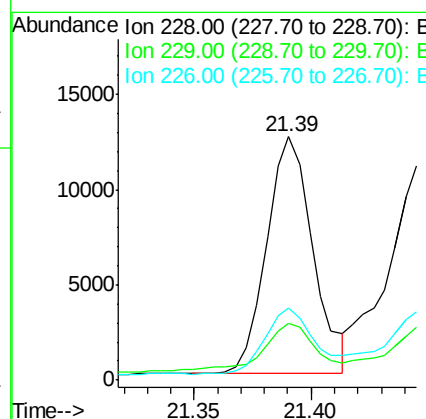
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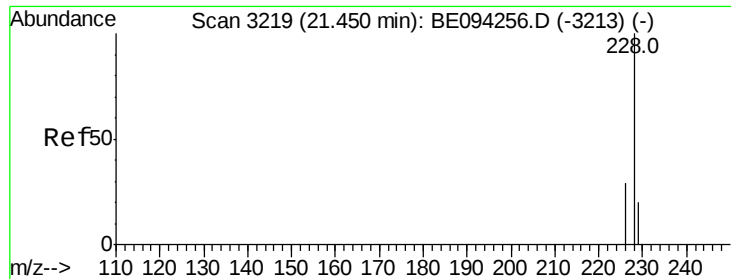
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#18
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094268.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.1	22.8	34.2
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 0.454 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE094268.D

Acq: 11 Oct 2017 1:37

Instrument :

BNA_E

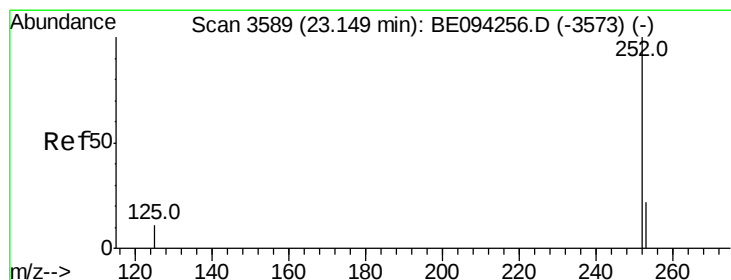
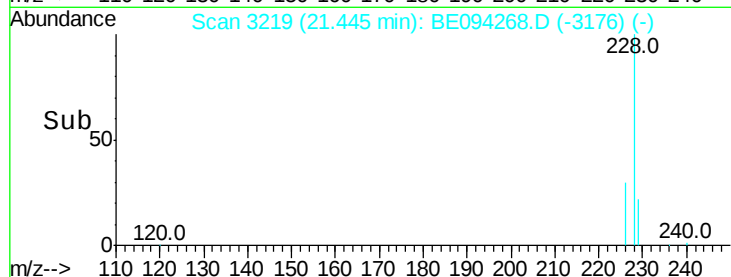
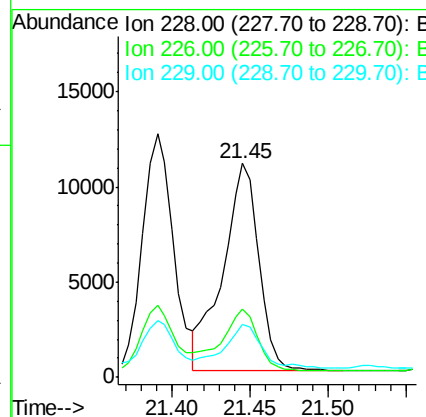
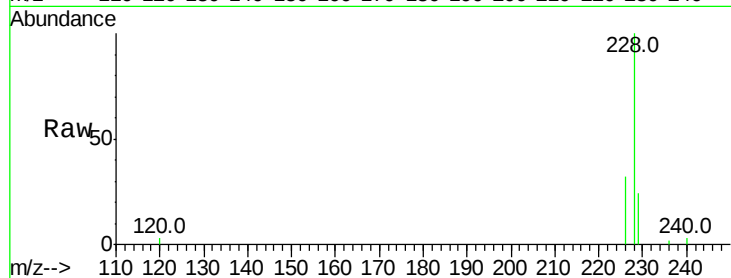
ClientSampleId :

C0AC3DL

Tot Ion:	228	Resp:	17501
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	24.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.670 ng/ul m

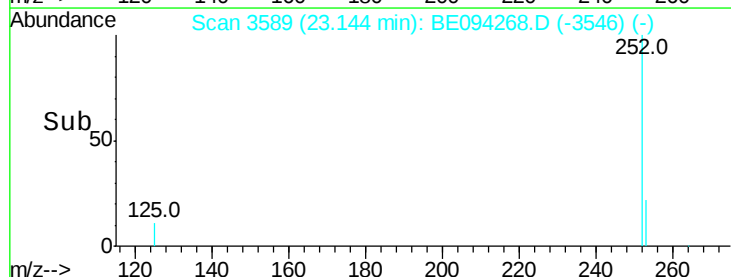
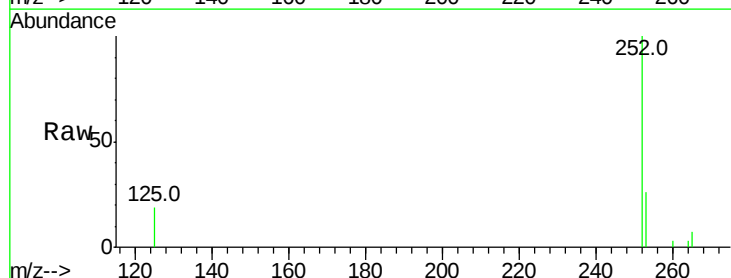
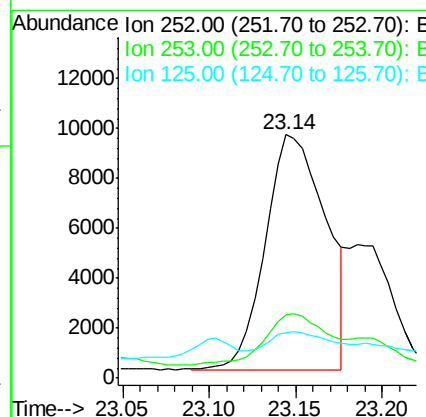
RT: 23.14 min Scan# 3589

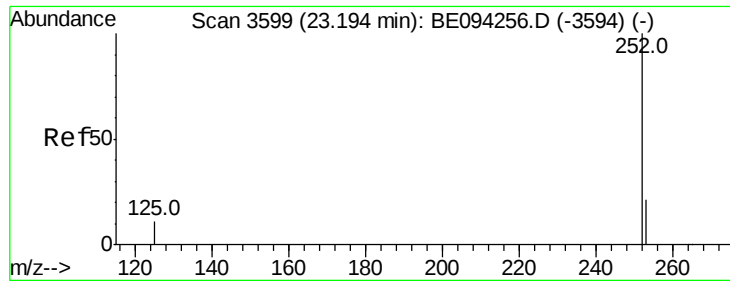
Delta R.T. -0.00 min

Lab File: BE094268.D

Acq: 11 Oct 2017 1:37

Tgt Ion:	252	Resp:	23005
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	64.2
125	18.8	0.0	35.0





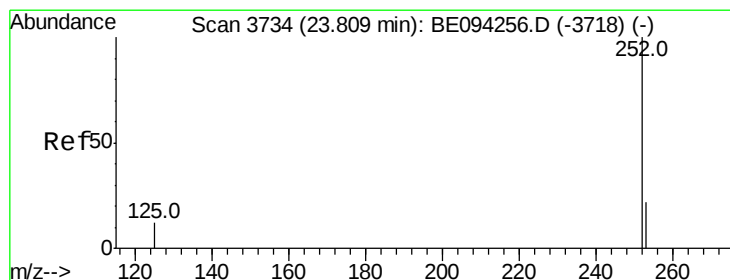
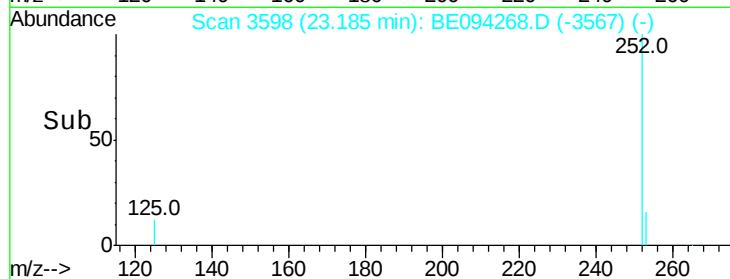
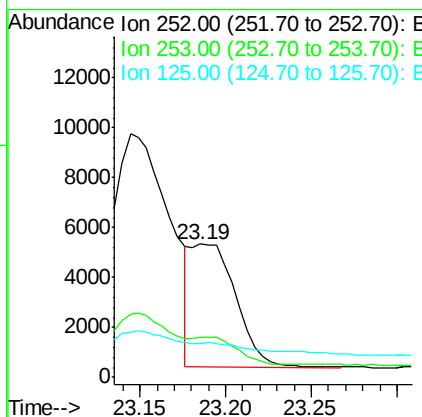
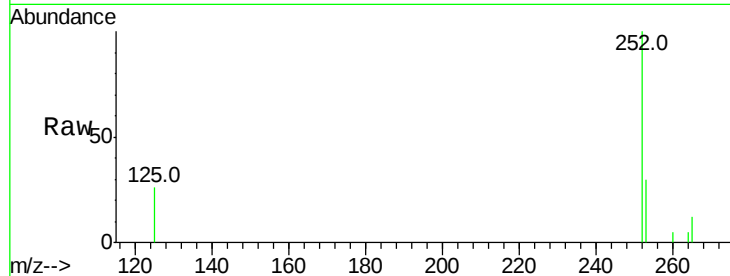
#22
Benzo(k)fluoranthene
Concen: 0.225 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE094268.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	24.5	36.7
125	25.7	13.7	20.5

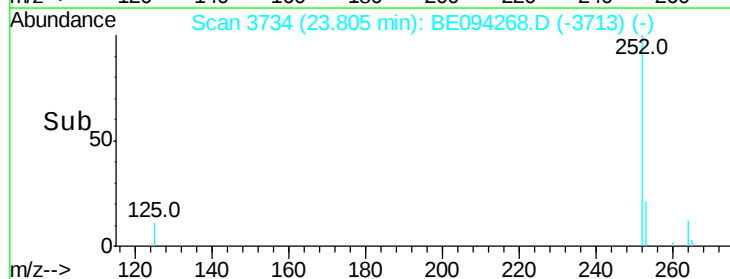
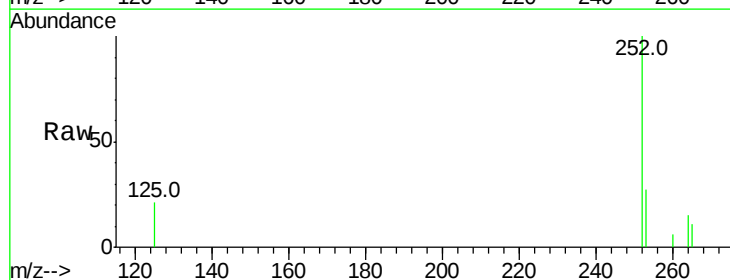
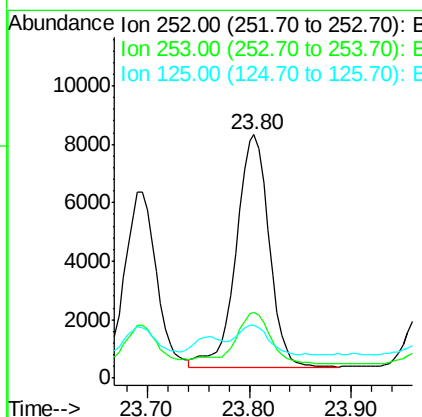
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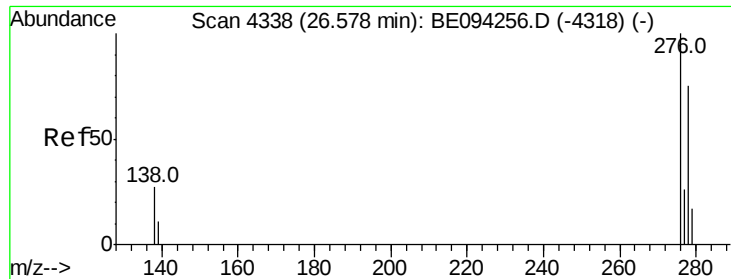
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#23
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE094268.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.5	42.7
125	21.5	18.1	27.1





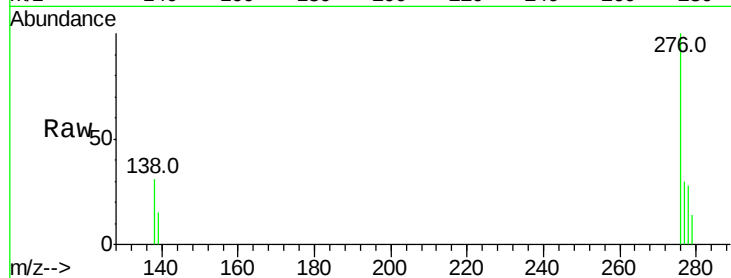
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.310 ng/uL
 RT: 26.57 min Scan# 4338
 Delta R.T. -0.01 min
 Lab File: BE094268.D
 Acq: 11 Oct 2017 1:37

Instrument :
 BNA_E
 ClientSampleID :
 C0AC3DL

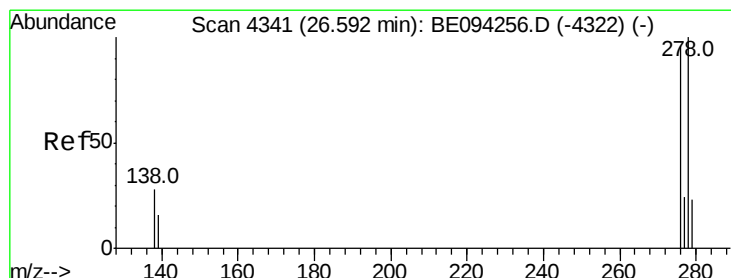
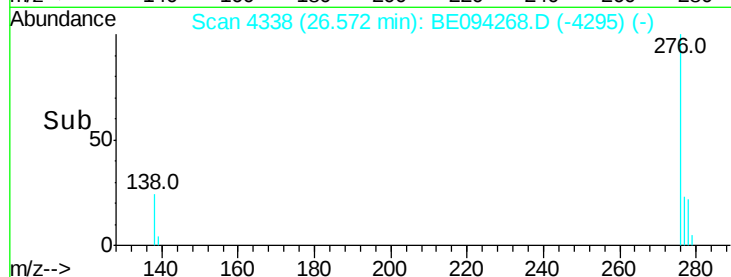
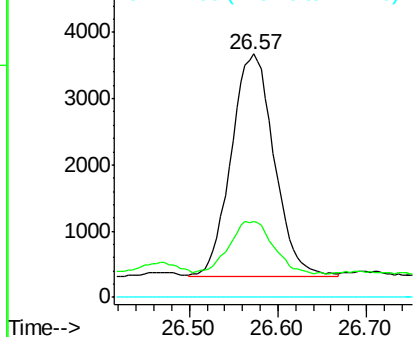
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	28.0	42.0#
227	0.0	8.0	12.0#

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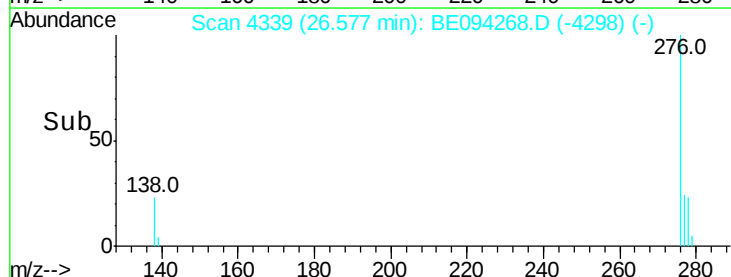
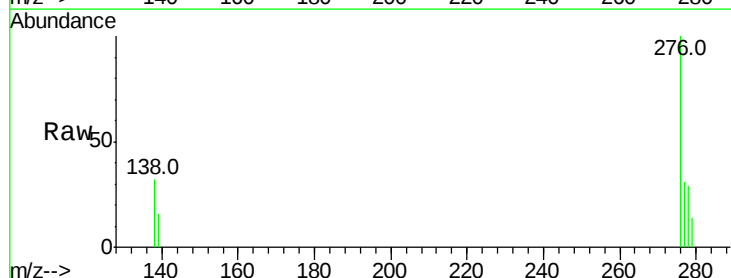
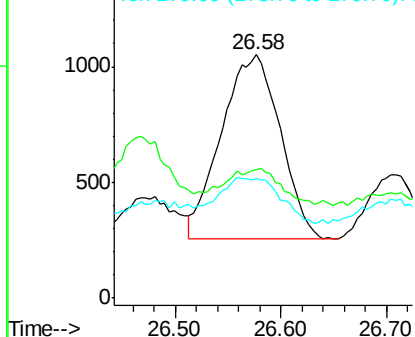
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

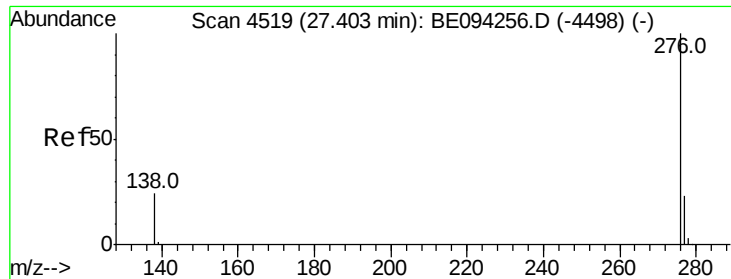


#25
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng/uL
 RT: 26.58 min Scan# 4339
 Delta R.T. -0.02 min
 Lab File: BE094268.D
 Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	52.8	17.4	26.0#
279	49.1	25.9	38.9#

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





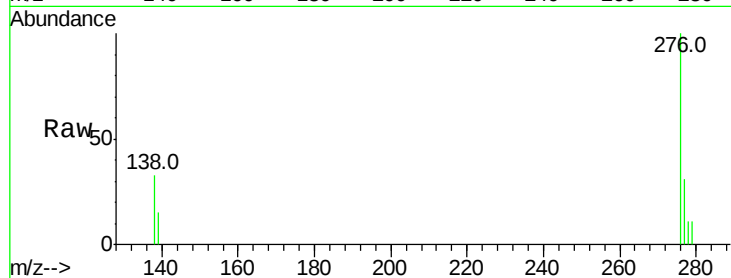
#26
 Benzo(a,h,i)perylene
 Concen: 0.331 ng/ul
 RT: 27.39 min Scan# 4518
 Delta R.T. -0.01 min
 Lab File: BE094268.D
 Acq: 11 Oct 2017 1:37

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	33.3	21.8	32.8#
277	30.9	20.5	30.7#

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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

