

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
 Data File : BE094753.D
 Acq On : 6 Nov 2017 15:07
 Operator : SJ/JU
 Sample : I6120-04 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-68(1-2)-102417

Quant Time: Nov 07 00:13:35 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	1381	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8156	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4495	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9737	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9594	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9741	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	400	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	976	0.03	ng/ul	0.00

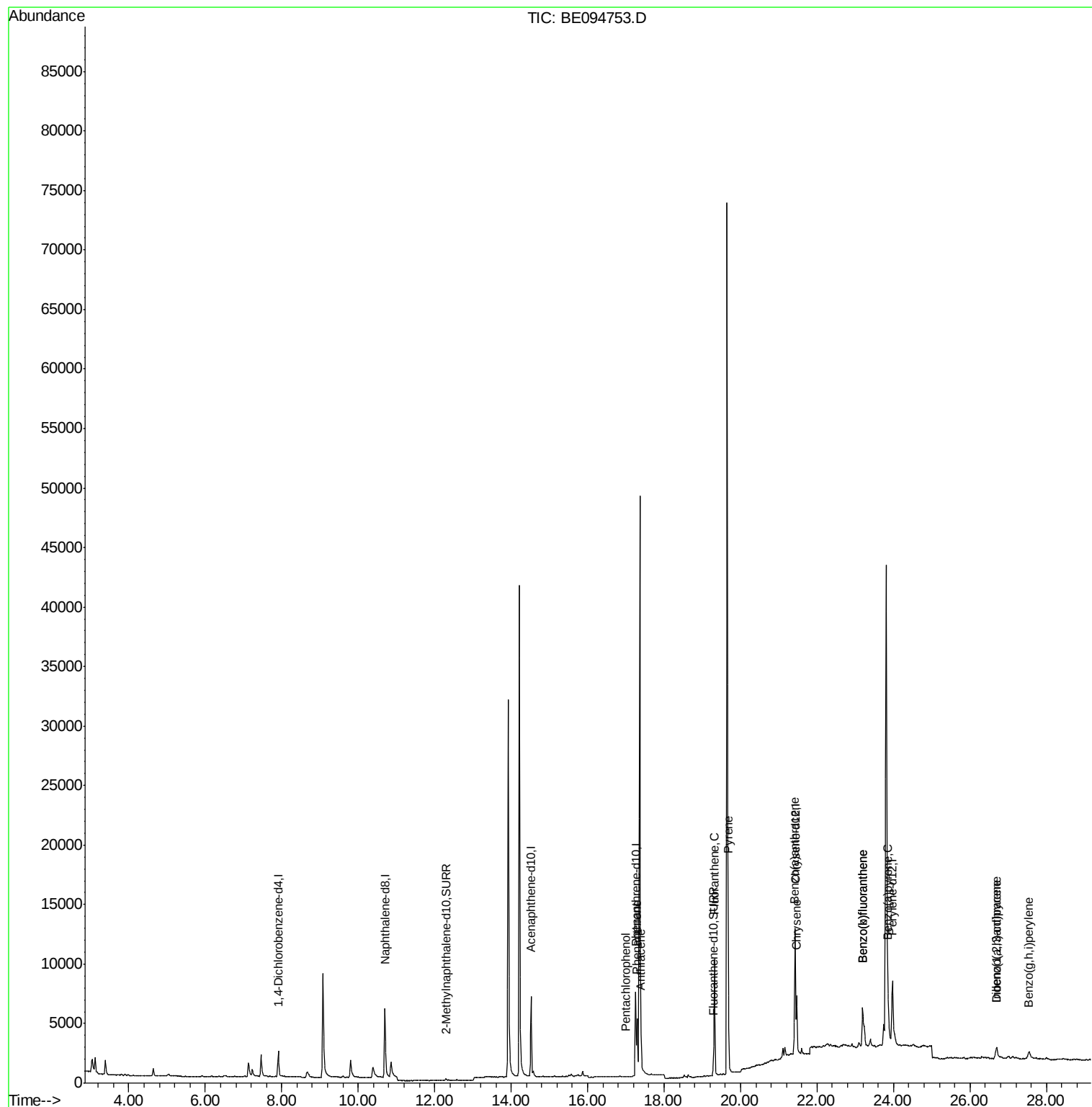
Target Compounds				Ovalue		
11) Pentachlorophenol	17.00	266	14	0.03	ng/ul#	29
12) Phenanthrene	17.29	178	6652	0.26	ng/ul#	87
13) Anthracene	17.40	178	1584	0.06	ng/ul	94
15) Fluoranthene	19.32	202	12639	0.43	ng/ul	84
17) Pyrene	19.68	202	12612	0.43	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	5814	0.21	ng/ul#	85
19) Chrysene	21.47	228	5346	0.19	ng/ul#	79
21) Benzo(b)fluoranthene	23.19	252	8225	0.30	ng/ul#	68
22) Benzo(k)fluoranthene	23.19	252	8297	0.28	ng/ul#	65
23) Benzo(a)pyrene	23.86	252	4382	0.16	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.70	276	2534	0.09	ng/ul#	69
25) Dibenzo(a,h)anthracene	26.68	278	573	0.02	ng/ul#	1
26) Benzo(g,h,i)perylene	27.54	276	1766	0.08	ng/ul#	35

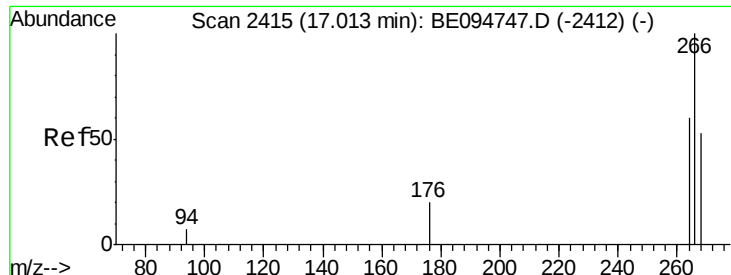
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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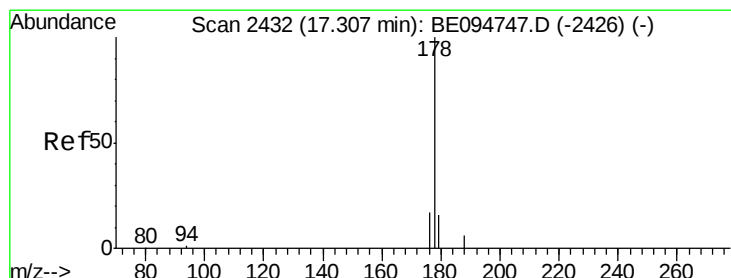
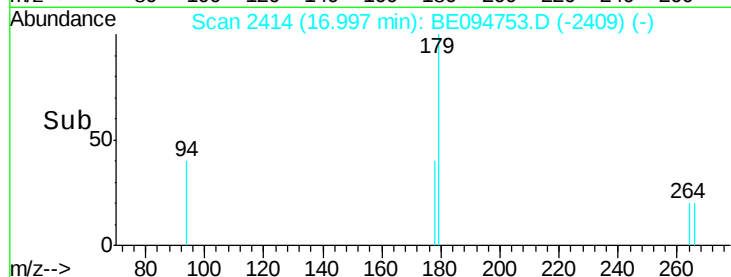
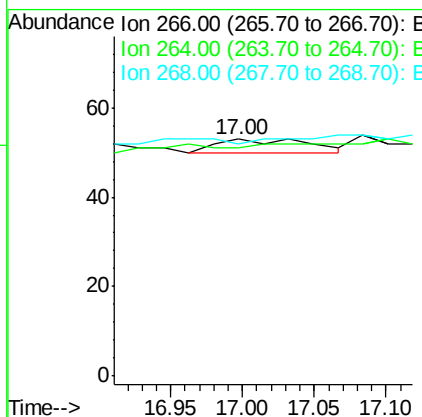
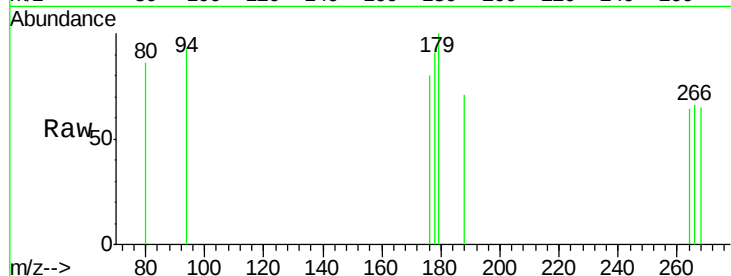




#11
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BE094753.D
 Acq: 6 Nov 2017 15:07

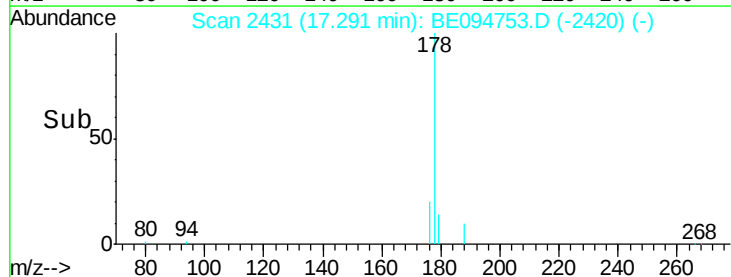
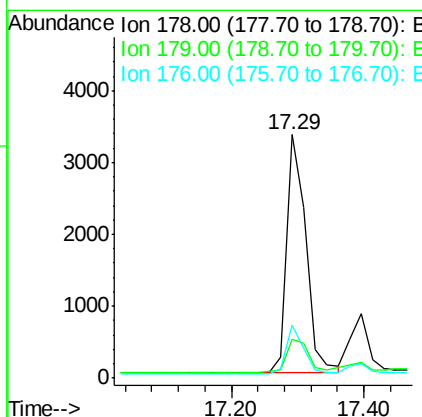
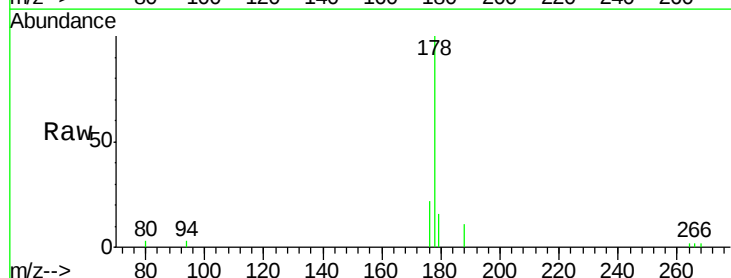
Instrument :
 BNA_E
 ClientSampleId :
 B-68(1-2)-102417

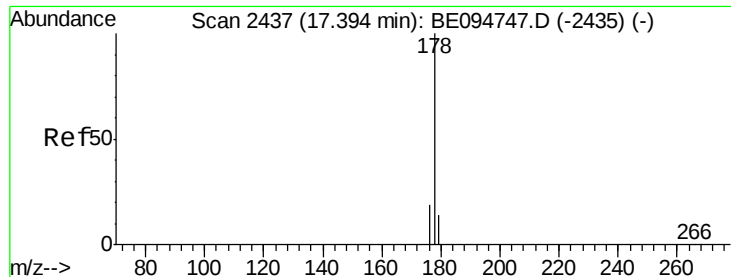
Tot Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 14.3 47.9 71.9#
 268 0.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.26 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094753.D
 Acq: 6 Nov 2017 15:07

Tgt Ion:178 Resp: 6652
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.4 27.6#
 176 21.8 13.6 20.4#





#13

Anthracene

Concen: 0.06 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

Instrument :

BNA_E

ClientSampleId :

B-68(1-2)-102417

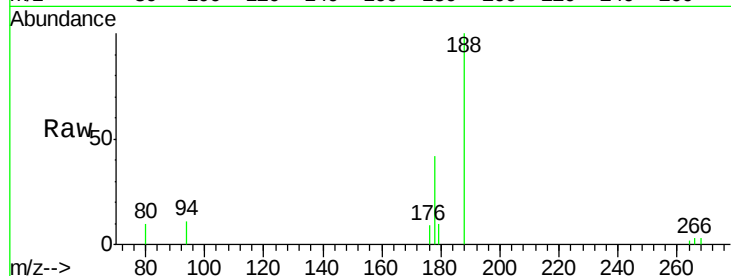
Tot Ion:178 Resp: 1584

Ion Ratio Lower Upper

178 100

179 25.0 18.1 27.1

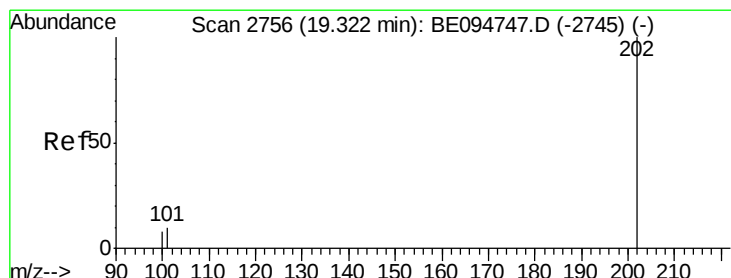
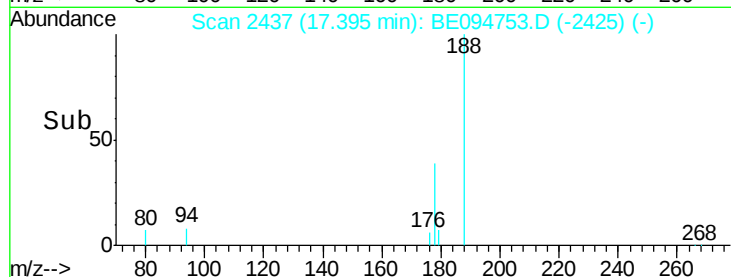
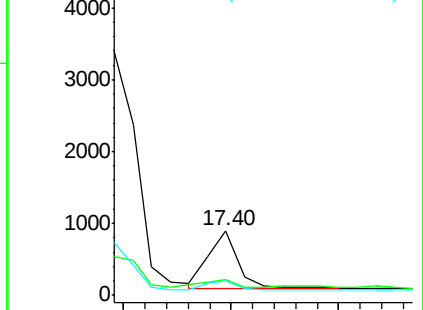
176 21.9 14.7 22.1



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



#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

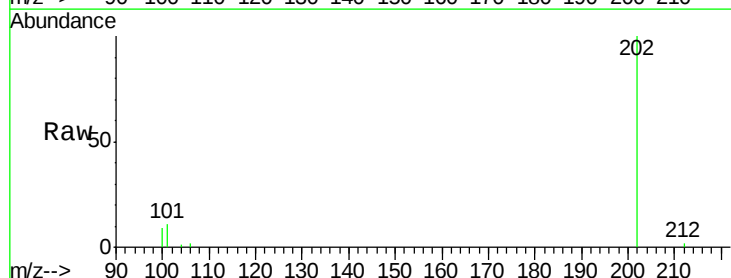
Tgt Ion:202 Resp: 12639

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

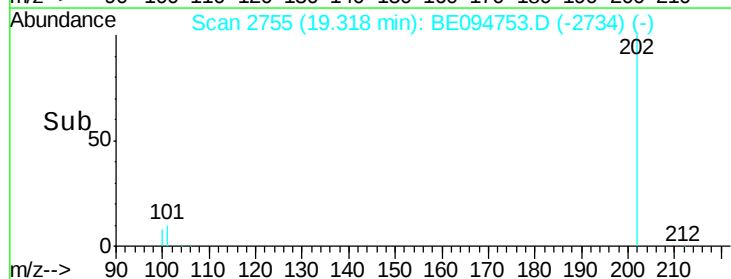
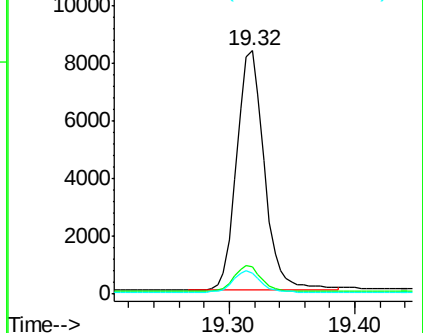
100 8.5 0.0 39.5

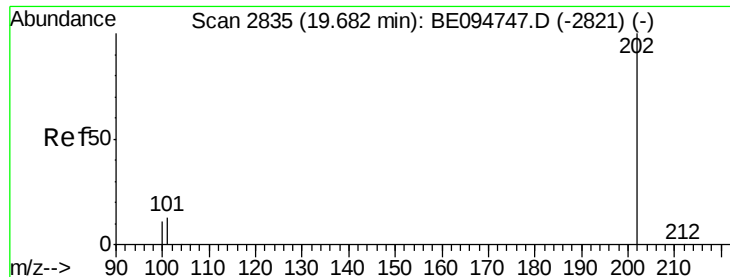


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.43 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

Instrument :

BNA_E

ClientSampleId :

B-68(1-2)-102417

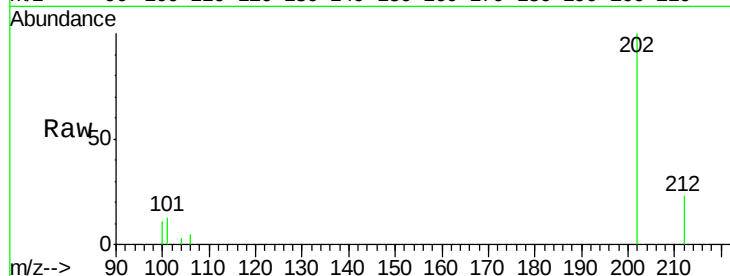
Tot Ion:202 Resp: 12612

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

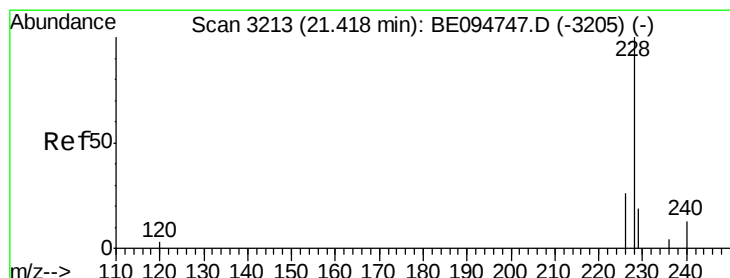
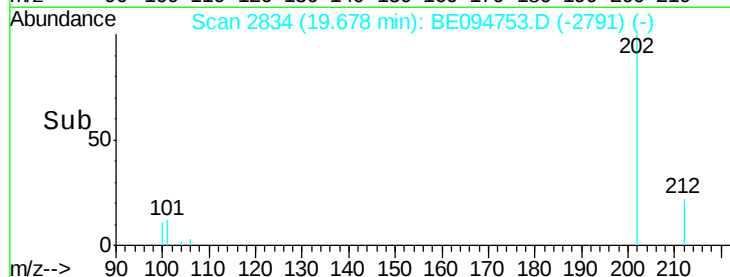
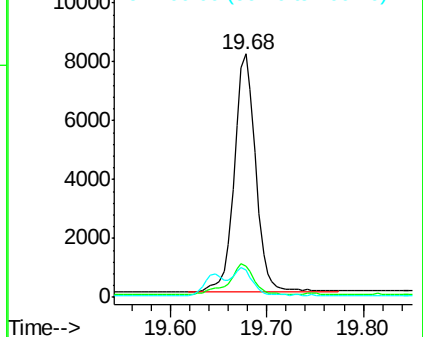
100 11.3 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.21 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

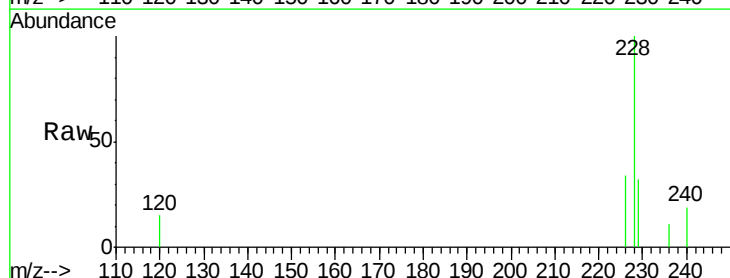
Tgt Ion:228 Resp: 5814

Ion Ratio Lower Upper

228 100

229 32.0 22.8 34.2

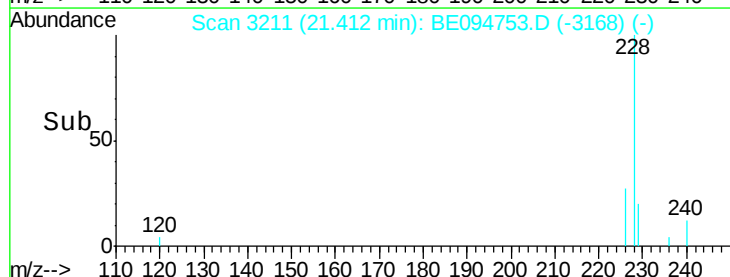
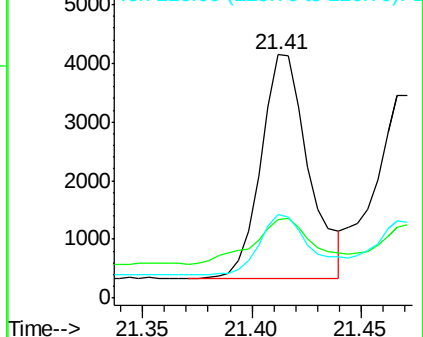
226 34.2 17.0 25.6#

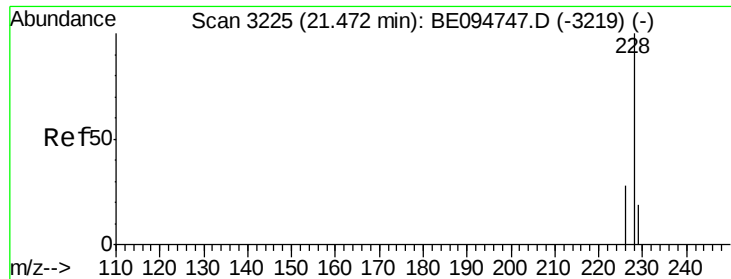


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.19 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

Instrument :

BNA_E

ClientSampleId :

B-68(1-2)-102417

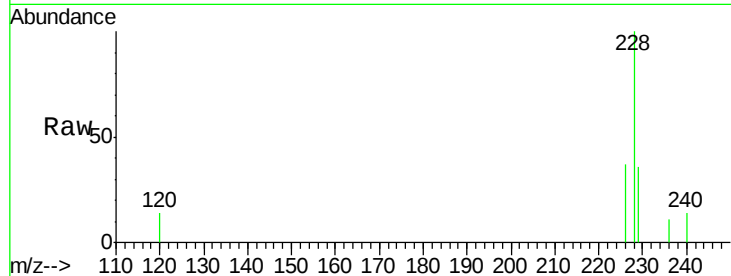
Tot Ion:228 Resp: 5346

Ion Ratio Lower Upper

228 100

226 37.4 23.4 35.0#

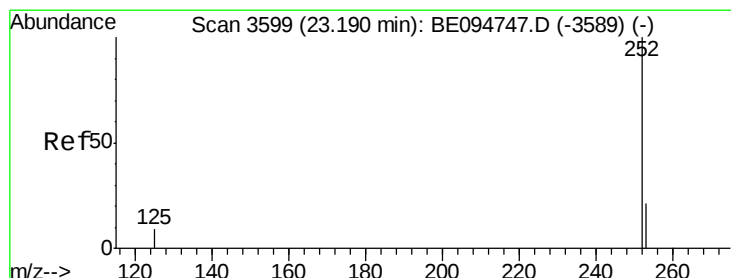
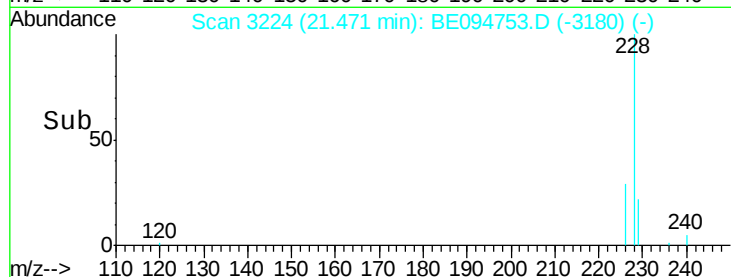
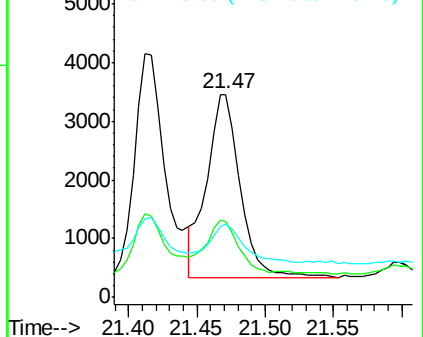
229 36.0 17.7 26.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.30 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.01 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

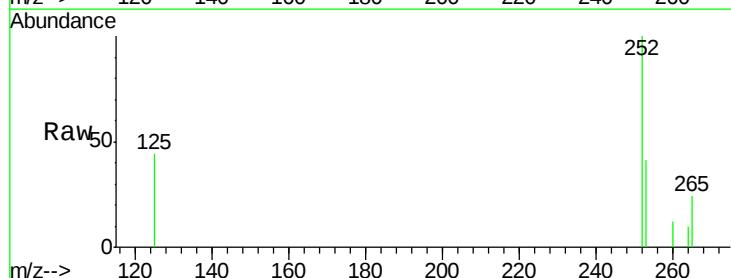
Tgt Ion:252 Resp: 8225

Ion Ratio Lower Upper

252 100

253 41.0 0.0 64.2

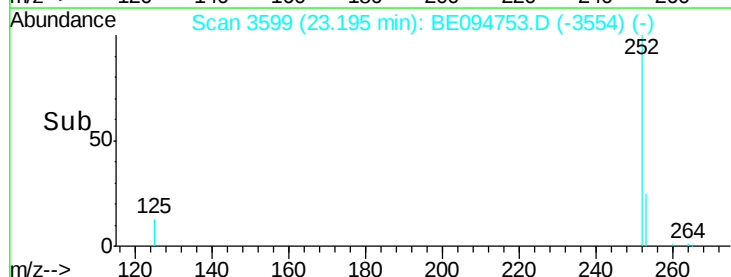
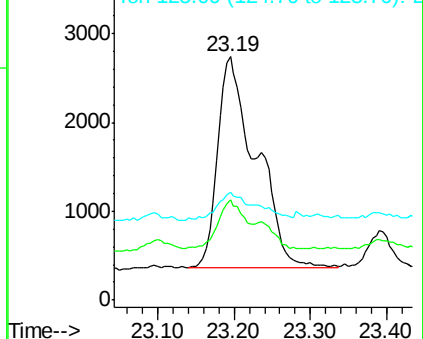
125 44.1 0.0 35.0#

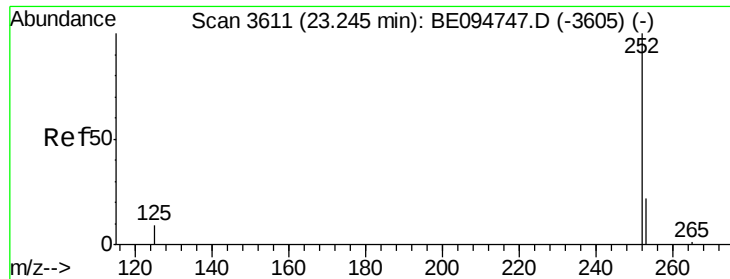


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.28 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.05 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

Instrument :

BNA_E

ClientSampleId :

B-68(1-2)-102417

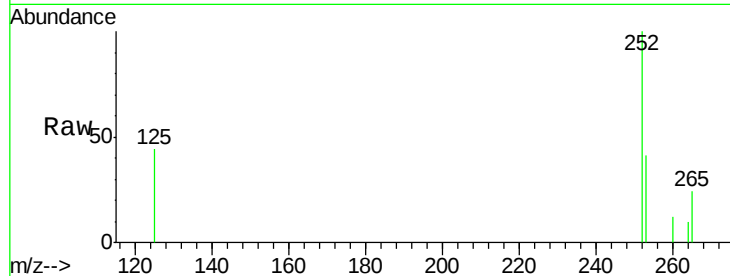
Tot Ion:252 Resp: 8297

Ion Ratio Lower Upper

252 100

253 41.0 24.5 36.7#

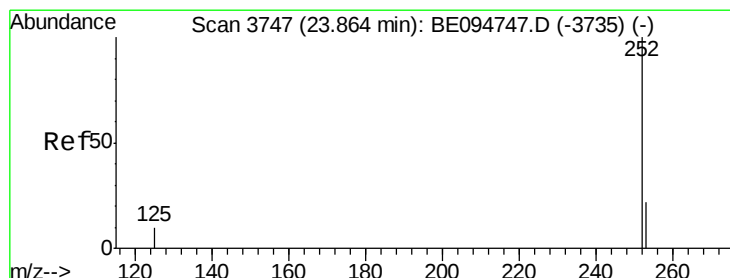
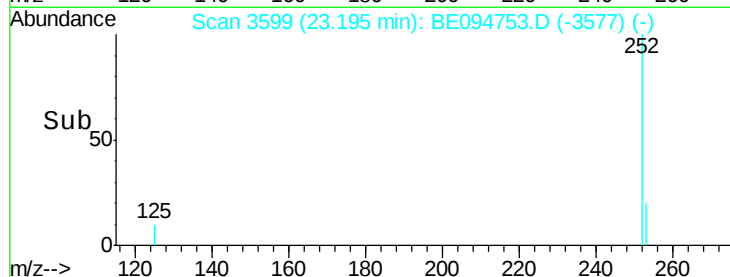
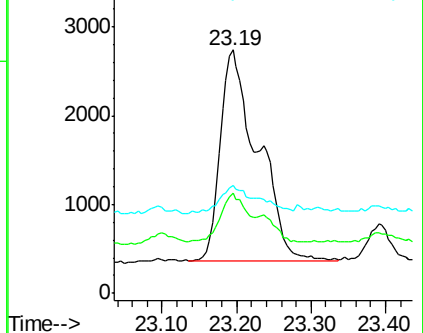
125 44.1 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.16 ng/ul

RT: 23.86 min Scan# 3745

Delta R.T. -0.00 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

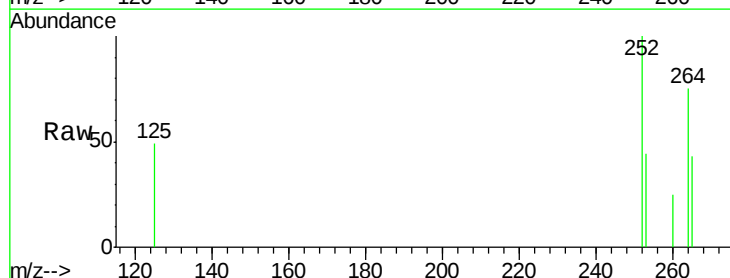
Tgt Ion:252 Resp: 4382

Ion Ratio Lower Upper

252 100

253 44.0 28.5 42.7#

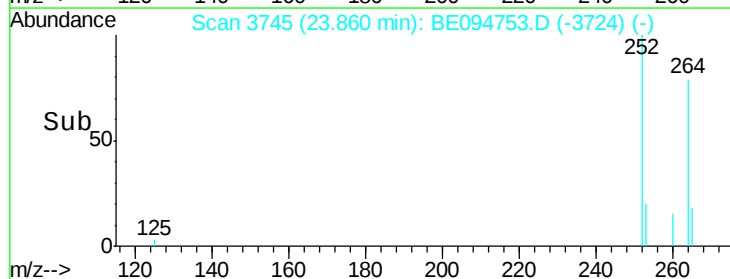
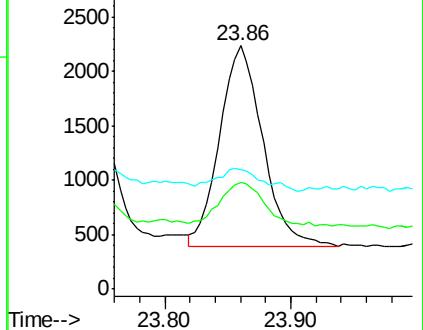
125 49.0 18.1 27.1#

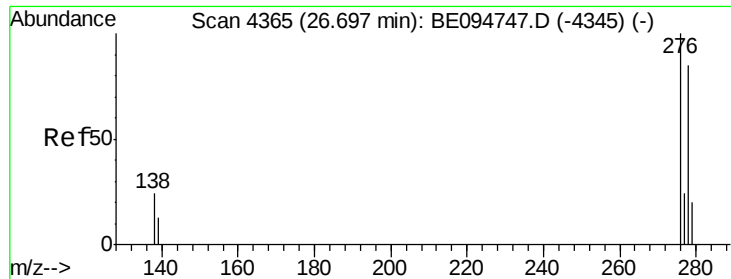


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.09 ng/ul

RT: 26.70 min Scan# 4365

Delta R.T. 0.00 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

Instrument :

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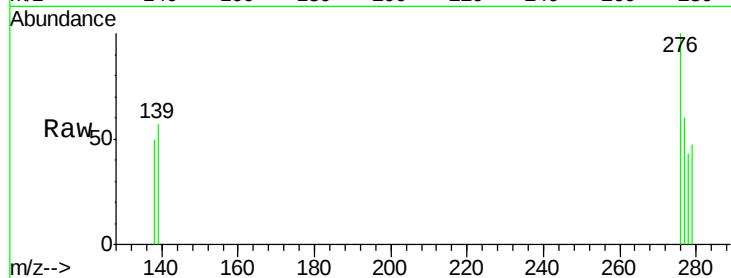
Tot Ion:276 Resp: 2534

Ion Ratio Lower Upper

276 100

138 16.2 28.0 42.0#

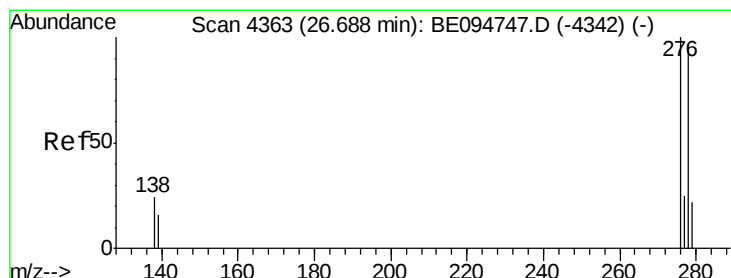
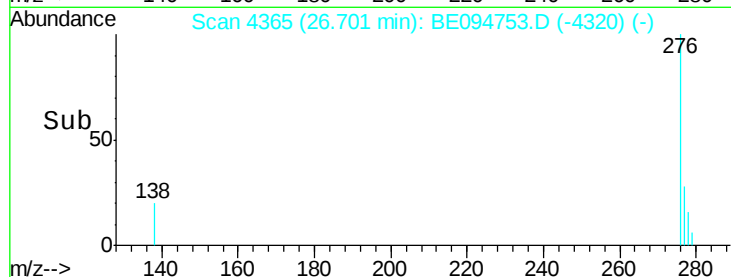
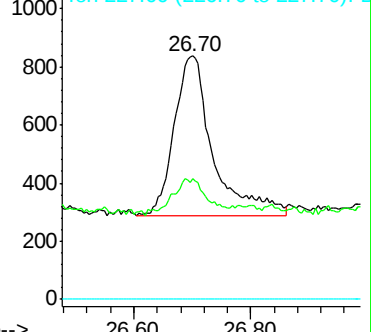
227 0.0 8.0 12.0#



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: 0.02 ng/ul

RT: 26.68 min Scan# 4361

Delta R.T. -0.01 min

Lab File: BE094753.D

Acq: 6 Nov 2017 15:07

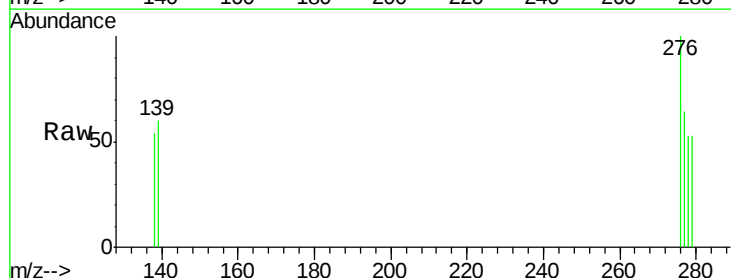
Tgt Ion:278 Resp: 573

Ion Ratio Lower Upper

278 100

139 113.4 17.4 26.0#

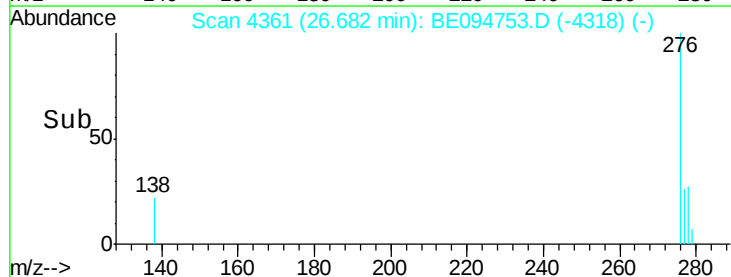
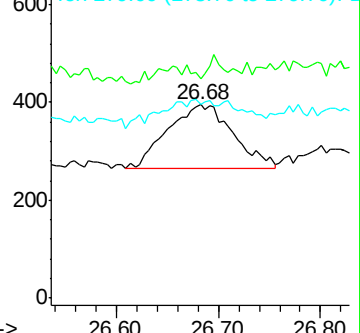
279 100.3 25.9 38.9#

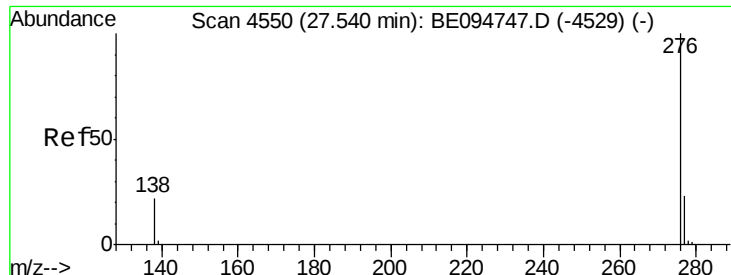


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.08 ng/ul

RT: 27.54 min Scan# 4549

Delta R.T. -0.00 min

Lab File: BE094753.D

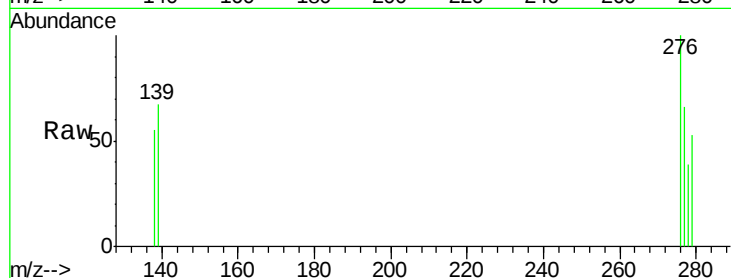
Acq: 6 Nov 2017 15:07

Instrument :

BNA_E

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B-68(1-2)-102417



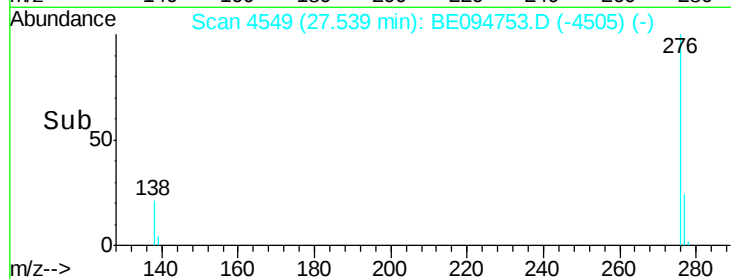
Tot Ion: 276 Resp: 1766

Ion Ratio Lower Upper

276 100

138 54.7 21.8 32.8#

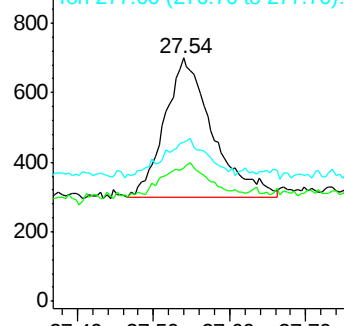
277 65.6 20.5 30.7#



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



Time-->