

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094571.D
 Acq On : 26 Oct 2017 20:29
 Operator : SJ/JU
 Sample : I5876-10 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:42:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

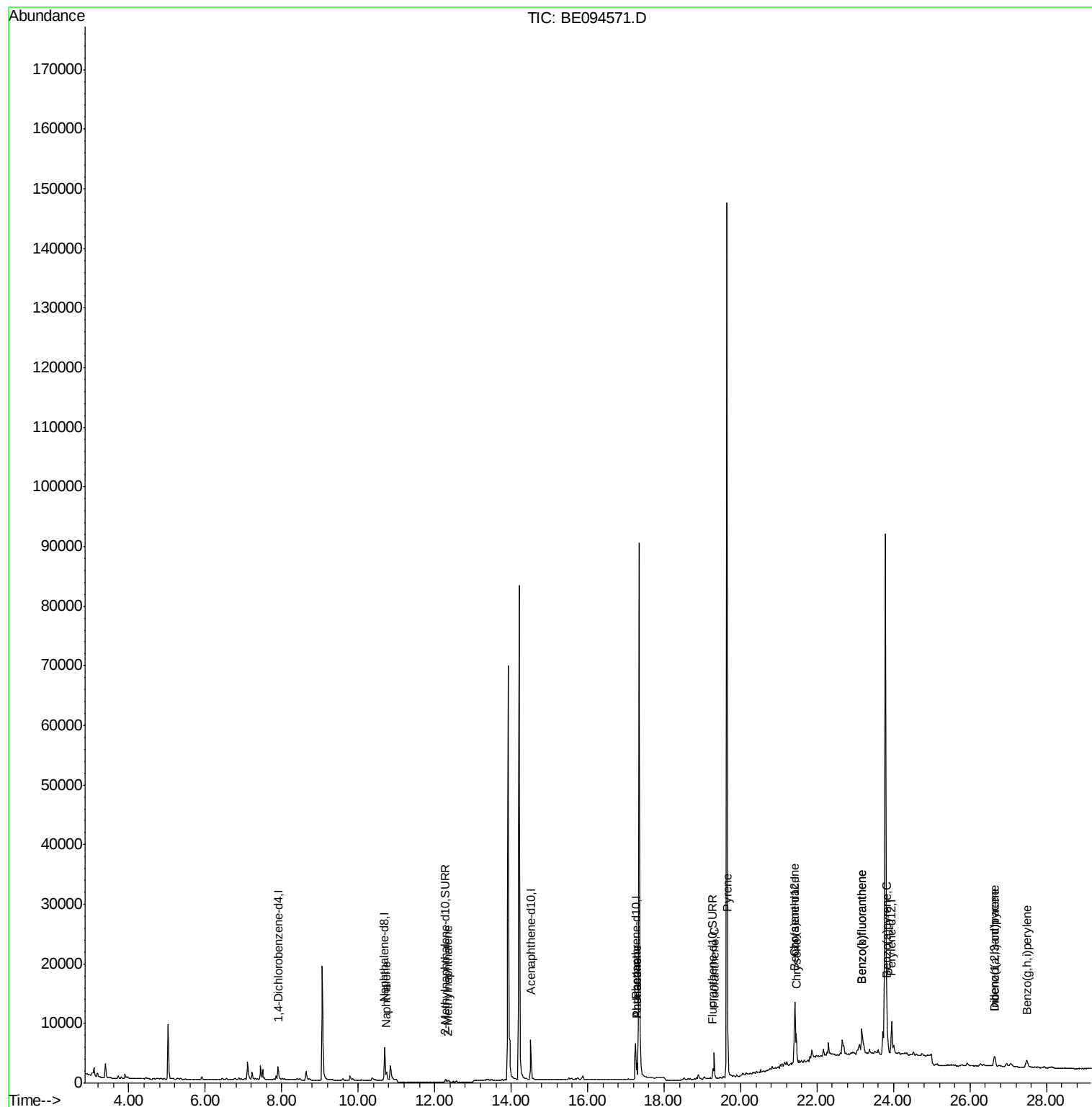
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1221	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6937	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8934	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8773	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9088	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	744	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1870	0.07	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	2043	0.120	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	243	0.020	ng/ul	92
12) Phenanthrene	17.29	178	3080	0.131	ng/ul#	93
13) Anthracene	17.29	178	3019	0.130	ng/ul	95
15) Fluoranthene	19.31	202	5195	0.190	ng/ul	84
17) Pyrene	19.67	202	6368	0.235	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	3798	0.151	ng/ul#	64
19) Chrysene	21.46	228	7007	0.270	ng/ul#	74
21) Benzo(b)fluoranthene	23.17	252	9835	0.385	ng/ul#	52
22) Benzo(k)fluoranthene	23.17	252	9721	0.355	ng/ul#	49
23) Benzo(a)pyrene	23.84	252	4772	0.187	ng/ul#	39
24) Indeno(1,2,3-cd)pyrene	26.65	276	3387	0.128	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.64	278	1181	0.053	ng/ul#	1
26) Benzo(g,h,i)perylene	27.48	276	3199	0.151	ng/ul#	43

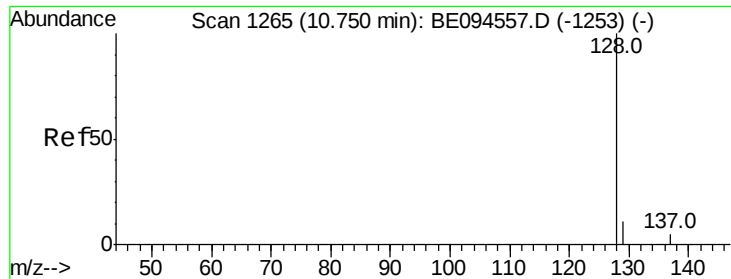
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

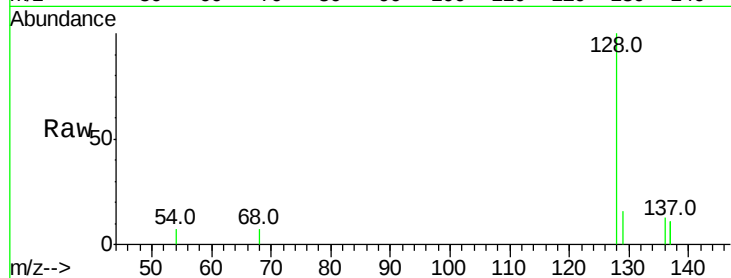
Tot Ion:128 Resp: 2043

Ion Ratio Lower Upper

128 100

129 16.5 11.3 16.9

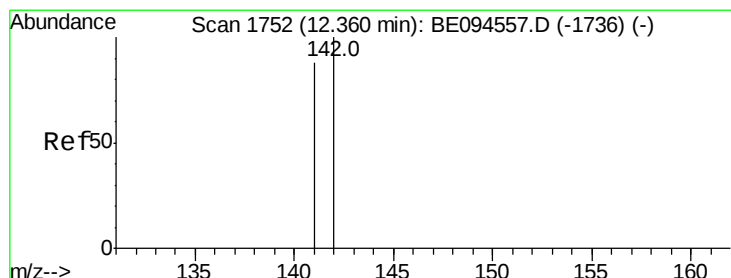
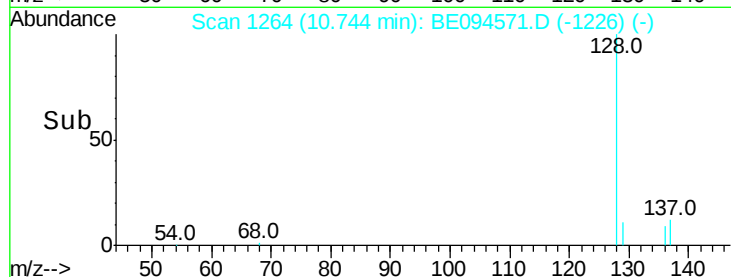
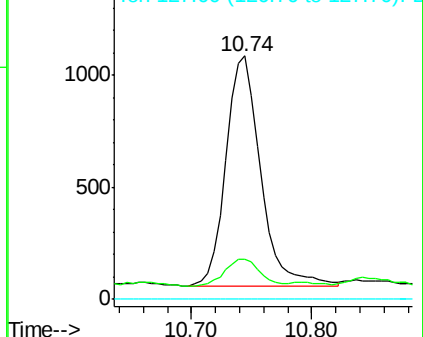
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094571.D

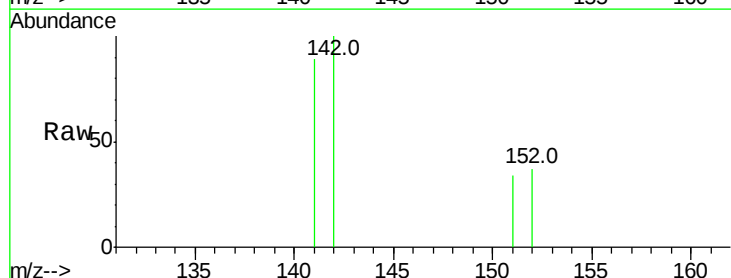
Acq: 26 Oct 2017 20:29

Tgt Ion:142 Resp: 243

Ion Ratio Lower Upper

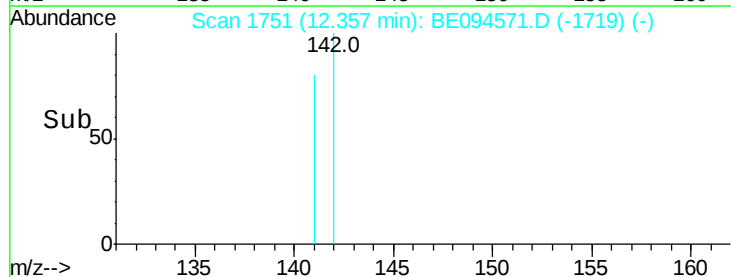
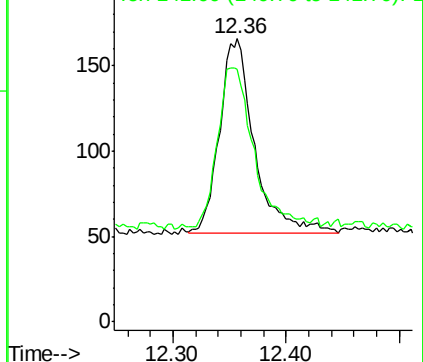
142 100

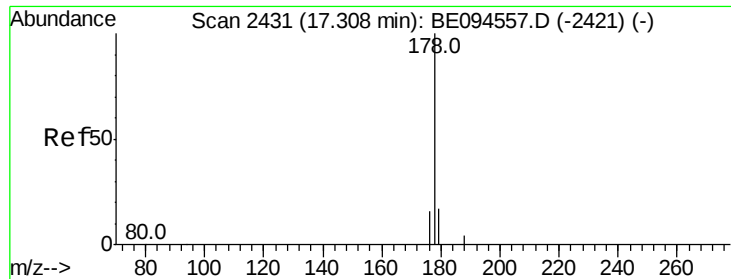
141 83.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.131 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

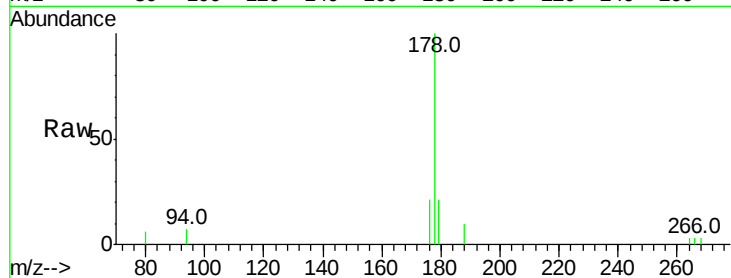
Tot Ion:178 Resp: 3080

Ion Ratio Lower Upper

178 100

179 20.7 18.4 27.6

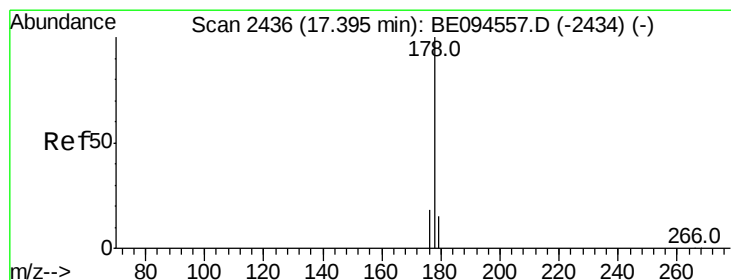
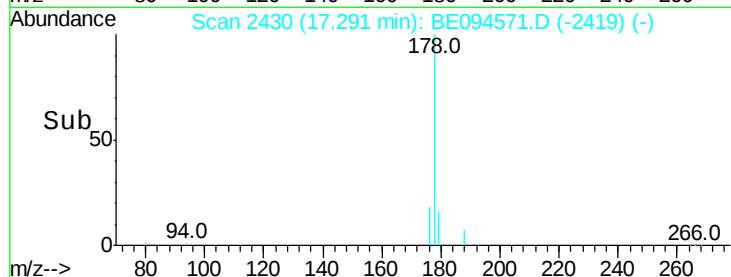
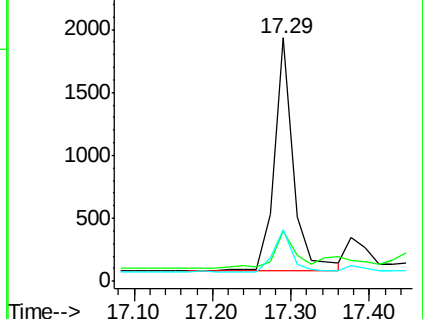
176 21.4 13.6 20.4#



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



#13

Anthracene

Concen: 0.130 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.10 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

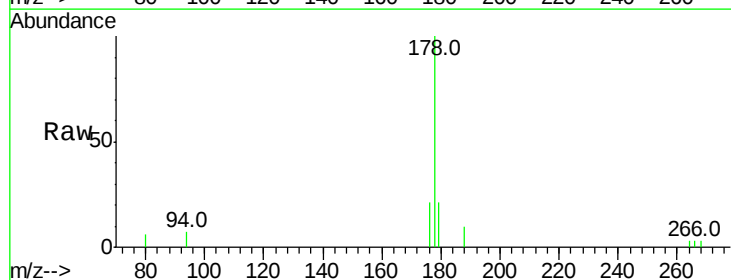
Tgt Ion:178 Resp: 3019

Ion Ratio Lower Upper

178 100

179 20.7 18.1 27.1

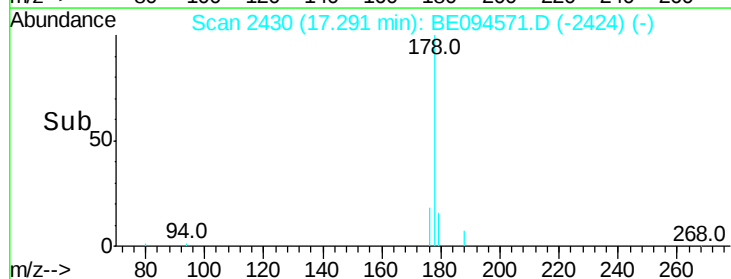
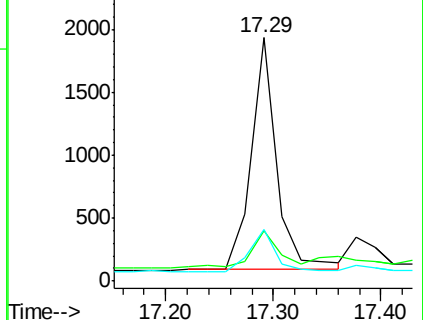
176 21.4 14.7 22.1

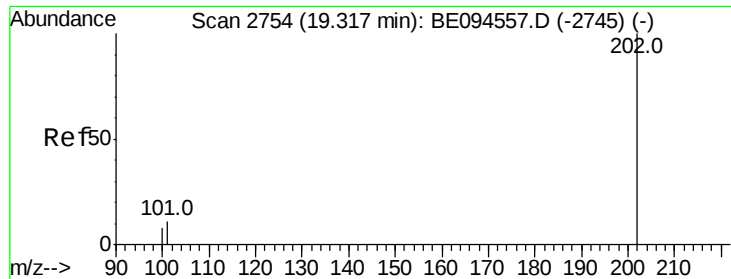


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.190 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

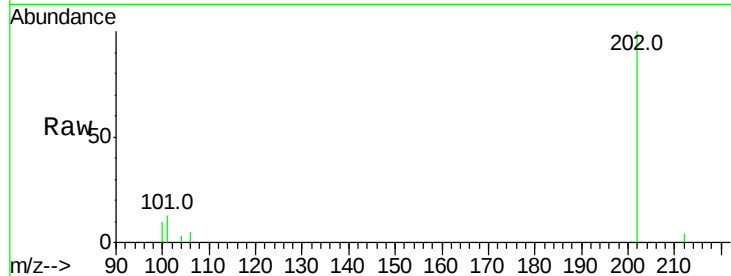
Tot Ion:202 Resp: 5195

Ion Ratio Lower Upper

202 100

101 13.3 0.0 30.3

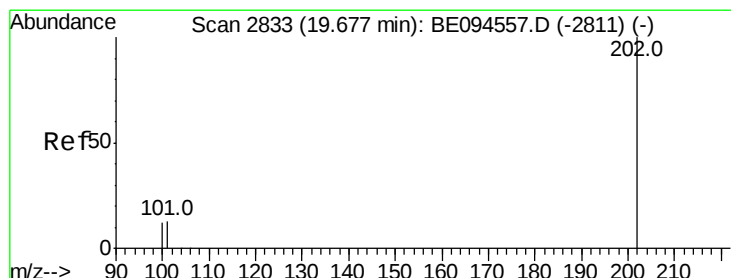
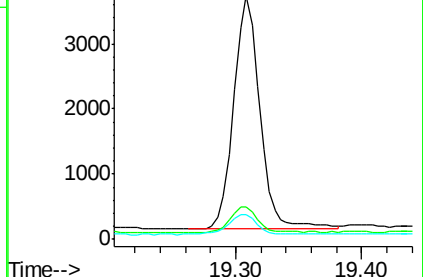
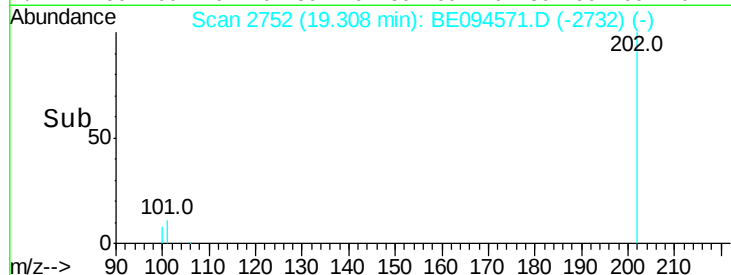
100 10.1 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.235 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

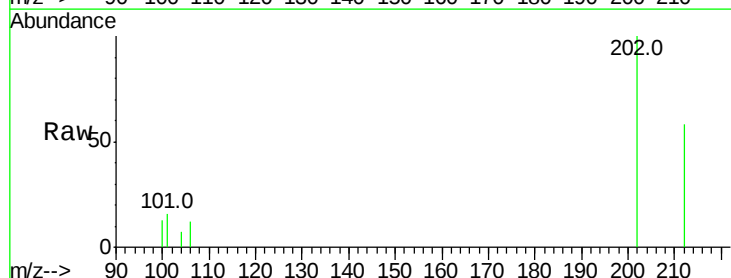
Tgt Ion:202 Resp: 6368

Ion Ratio Lower Upper

202 100

101 15.7 18.2 27.4#

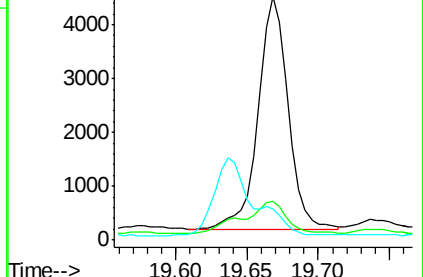
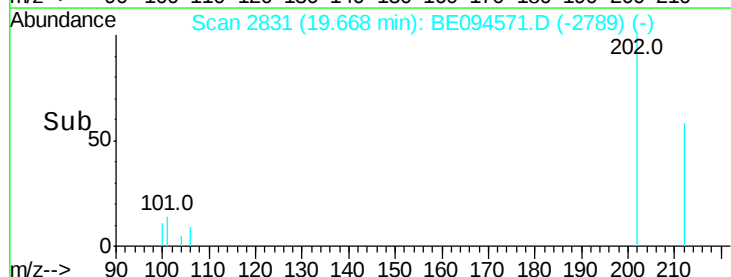
100 12.6 15.6 23.4#

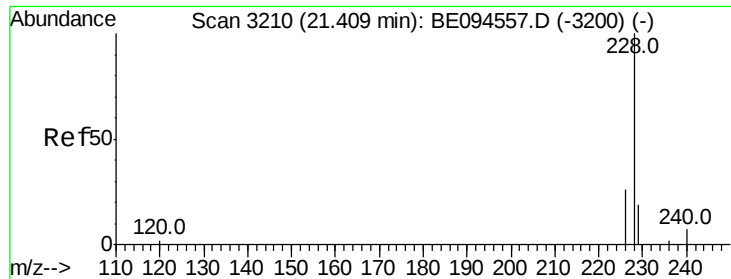


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.151 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

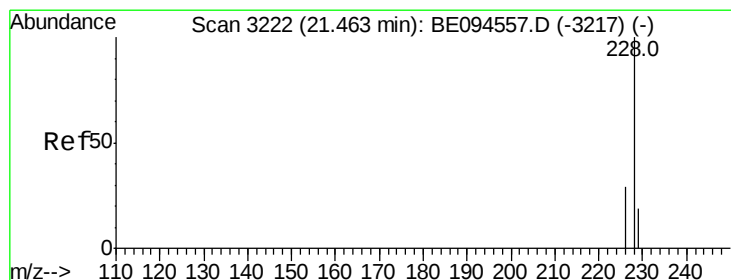
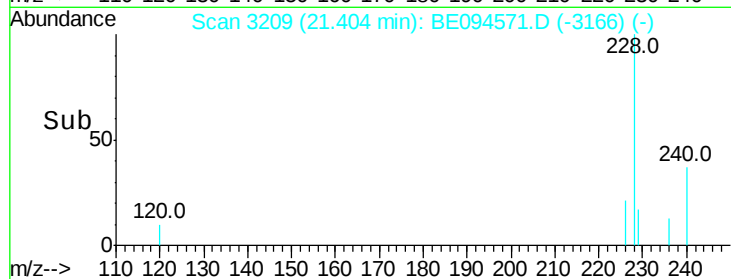
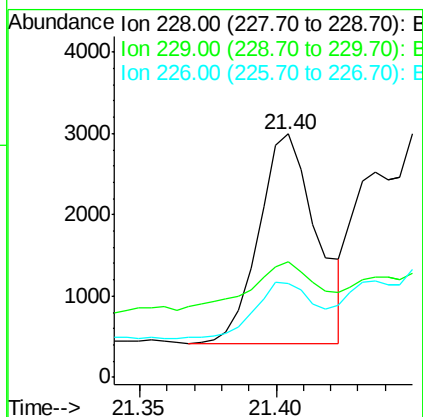
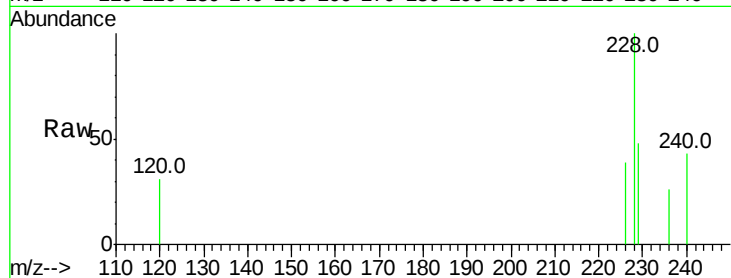
Tot Ion:228 Resp: 3798

Ion Ratio Lower Upper

228 100

229 47.6 22.8 34.2#

226 38.6 17.0 25.6#



#19

Chrysene

Concen: 0.270 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

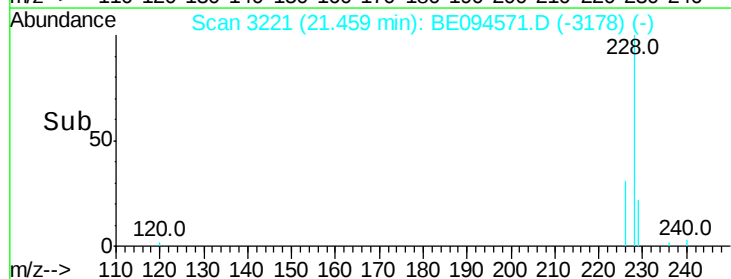
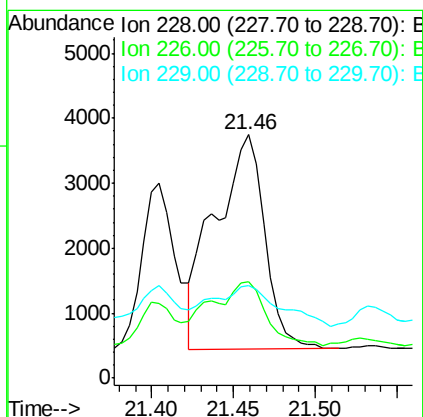
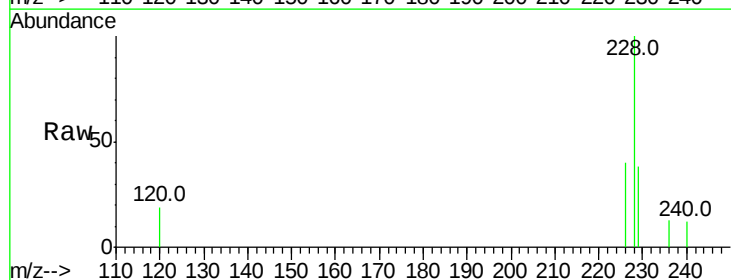
Tgt Ion:228 Resp: 7007

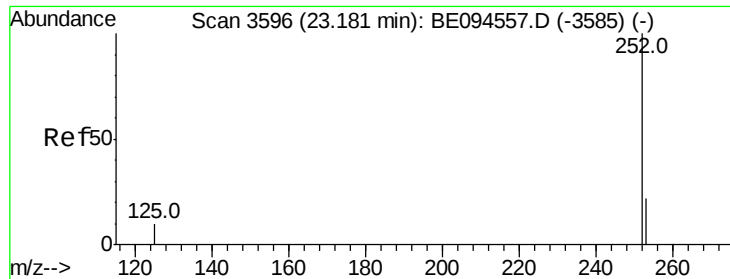
Ion Ratio Lower Upper

228 100

226 39.9 23.4 35.0#

229 38.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.385 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

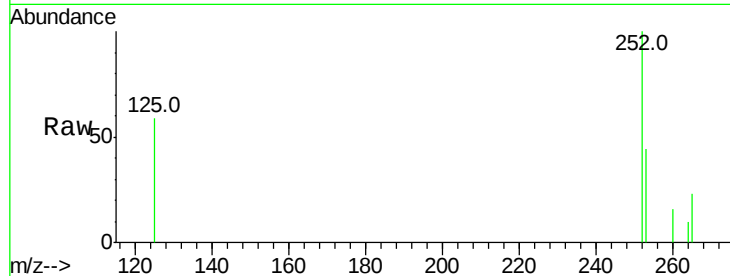
Tot Ion:252 Resp: 9835

Ion Ratio Lower Upper

252 100

253 44.3 0.0 64.2

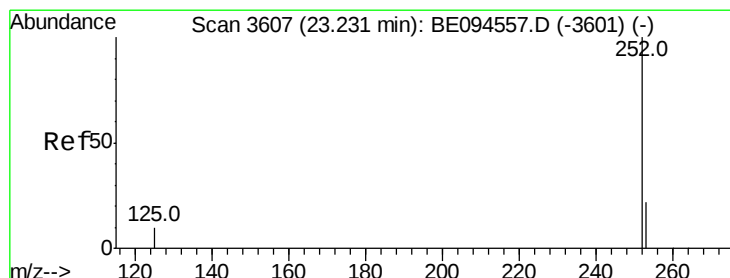
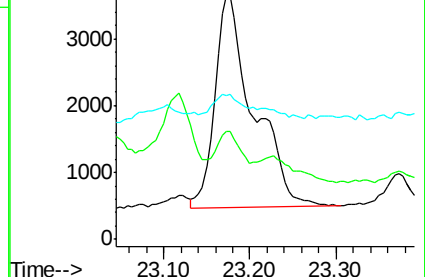
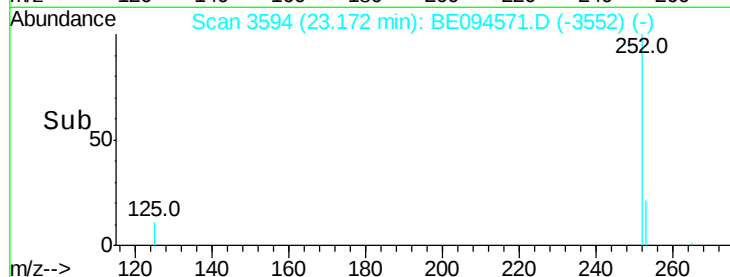
125 59.2 0.0 35.0#



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: 0.355 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.06 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

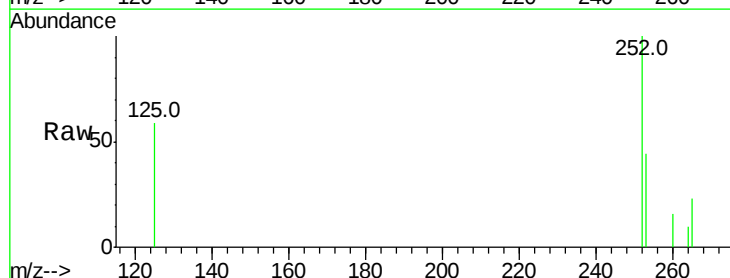
Tgt Ion:252 Resp: 9721

Ion Ratio Lower Upper

252 100

253 44.3 24.5 36.7#

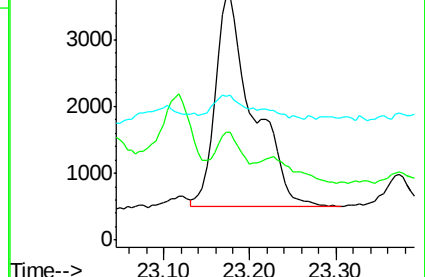
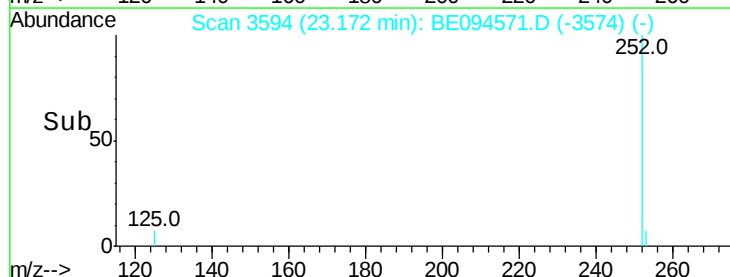
125 59.2 13.7 20.5#

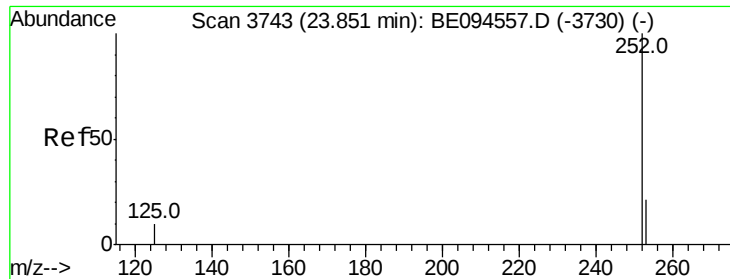


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.187 ng/ul

RT: 23.84 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

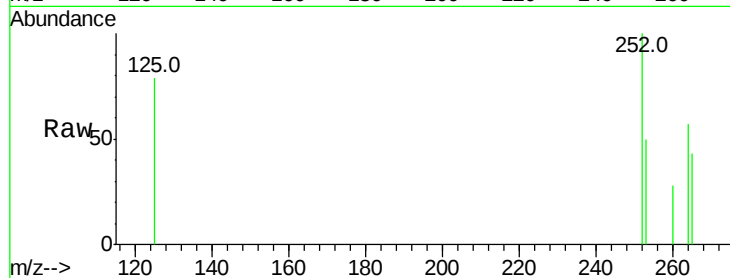
Tot Ion:252 Resp: 4772

Ion Ratio Lower Upper

252 100

253 50.2 28.5 42.7#

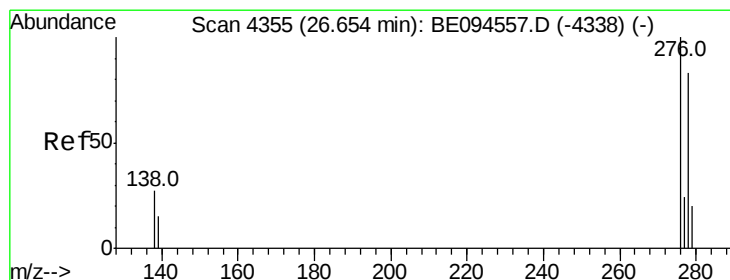
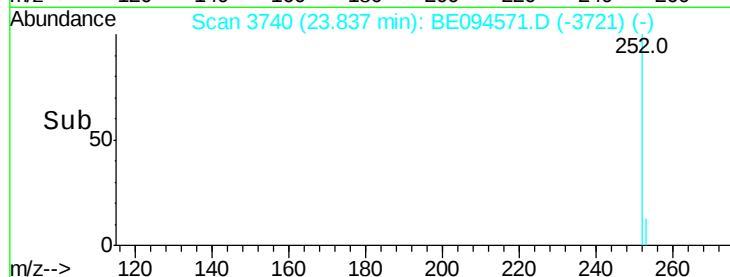
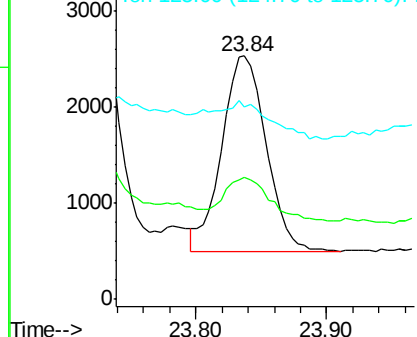
125 79.0 18.1 27.1#



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: 0.128 ng/ul

RT: 26.65 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

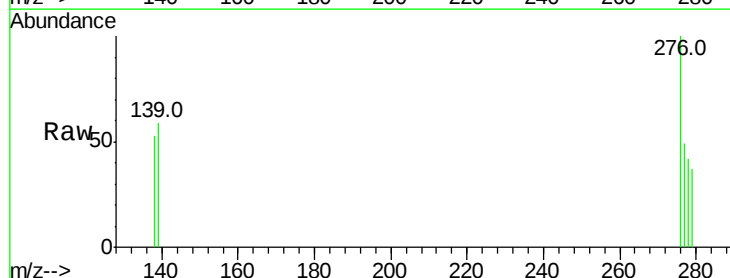
Tgt Ion:276 Resp: 3387

Ion Ratio Lower Upper

276 100

138 21.3 28.0 42.0#

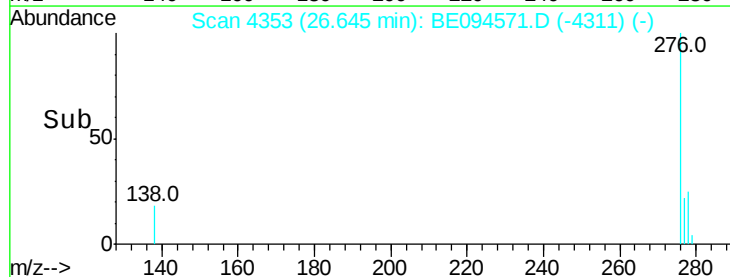
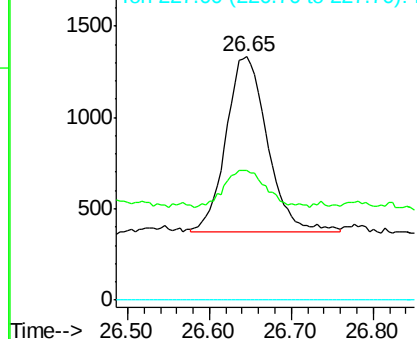
227 0.0 8.0 12.0#

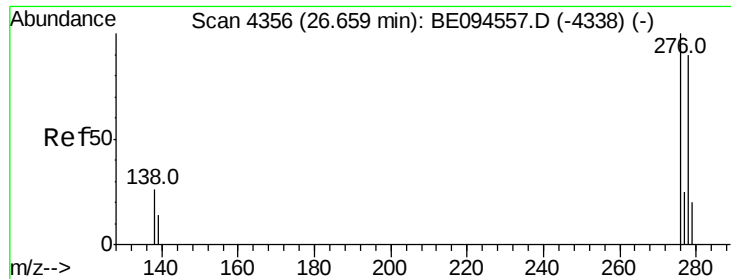


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

RT: 26.64 min Scan# 4351

Delta R.T. -0.02 min

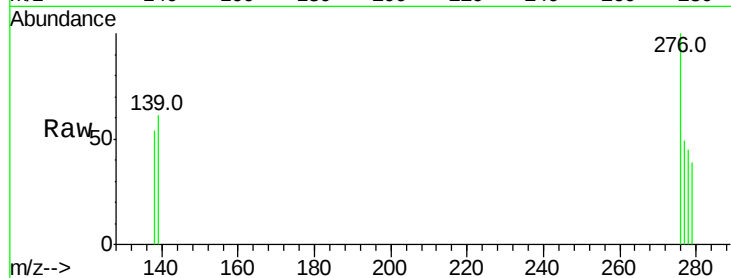
Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :



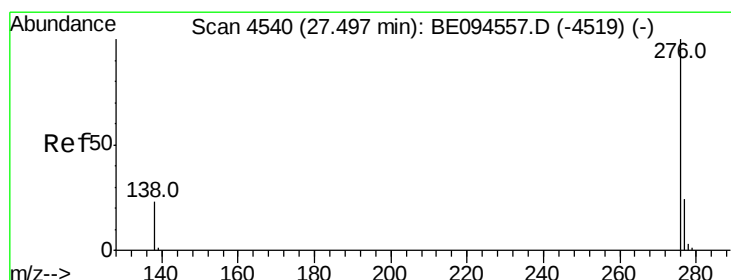
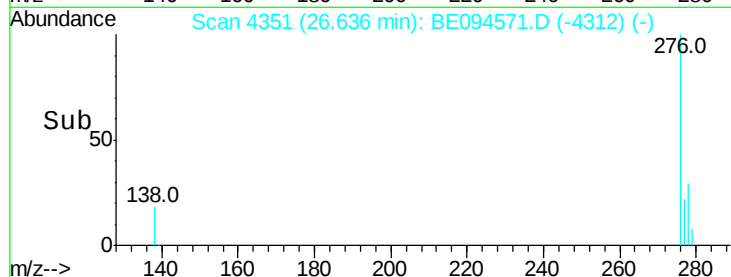
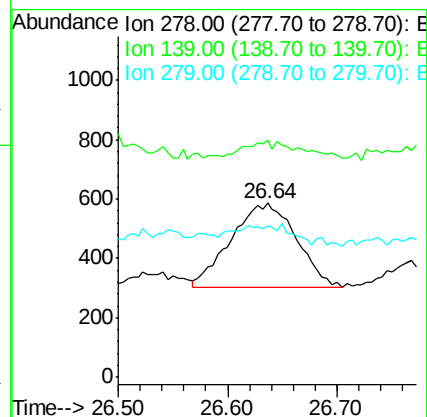
Tot Ion:278 Resp: 1181

Ion Ratio Lower Upper

278 100

139 136.3 17.4 26.0#

279 86.7 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.151 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Tgt Ion:276 Resp: 3199

Ion Ratio Lower Upper

276 100

138 58.5 21.8 32.8#

277 52.8 20.5 30.7#

