

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094579.D
 Acq On : 27 Oct 2017 1:22
 Operator : SJ/JU
 Sample : I5876-09 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:44:11 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

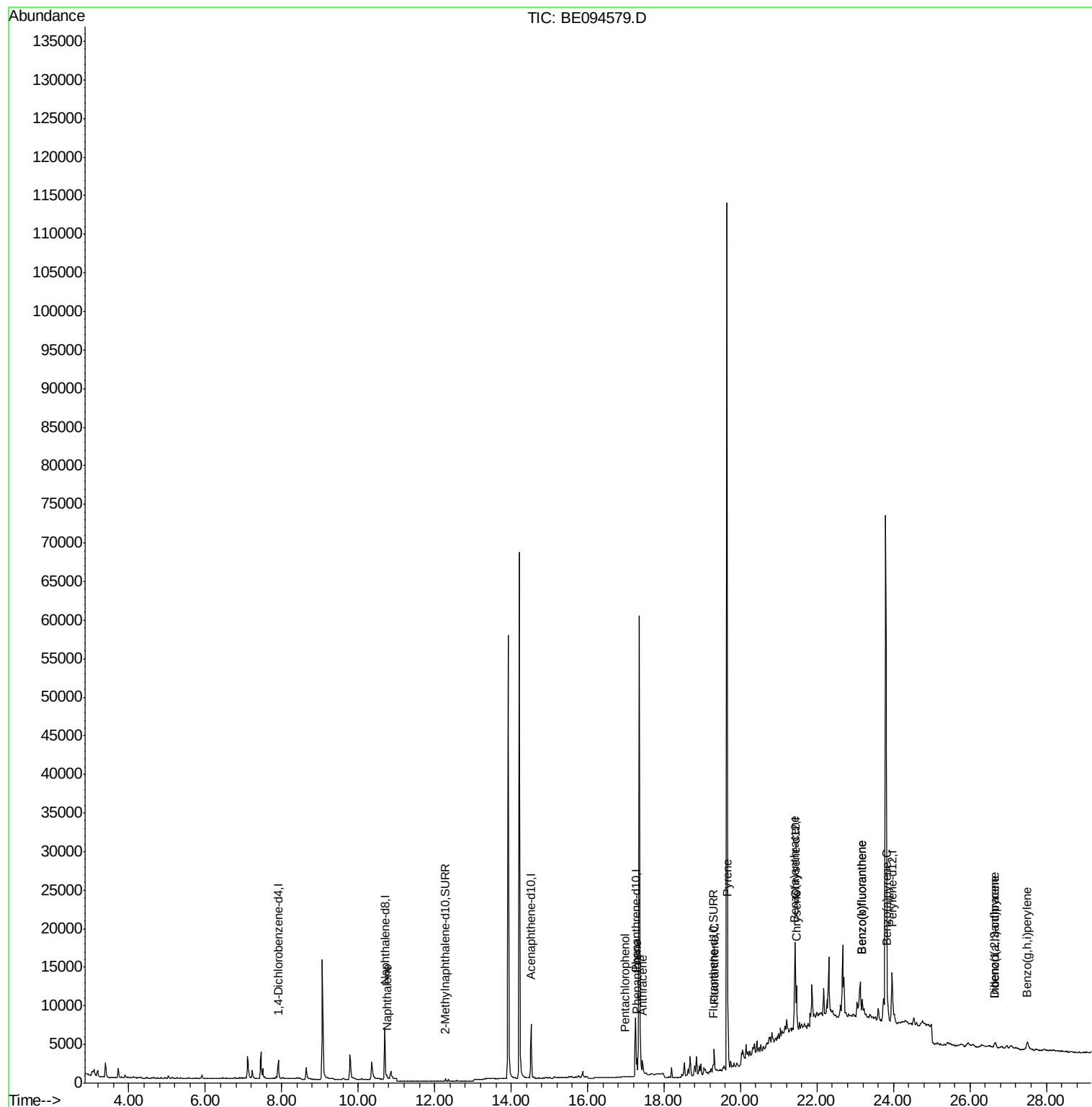
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1388	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7780	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4443	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10115	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9756	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10175	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	591	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1485	0.05	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	637	0.033	ng/ul#	73
11) Pentachlorophenol	16.98	266	23	0.046	ng/ul#	43
12) Phenanthrene	17.29	178	2688	0.101	ng/ul#	92
13) Anthracene	17.43	178	1611	0.061	ng/ul#	30
15) Fluoranthene	19.31	202	3910	0.127	ng/ul	83
17) Pyrene	19.67	202	5709	0.189	ng/ul#	92
18) Benzo(a)anthracene	21.41	228	3408	0.122	ng/ul#	25
19) Chrysene	21.46	228	6847	0.238	ng/ul#	45
21) Benzo(b)fluoranthene	23.18	252	5364	0.187	ng/ul#	1
22) Benzo(k)fluoranthene	23.18	252	5364	0.175	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	3404	0.119	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.66	276	1353	0.046	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.65	278	550	0.022	ng/ul#	1
26) Benzo(g,h,i)perylene	27.50	276	2836	0.119	ng/ul#	16

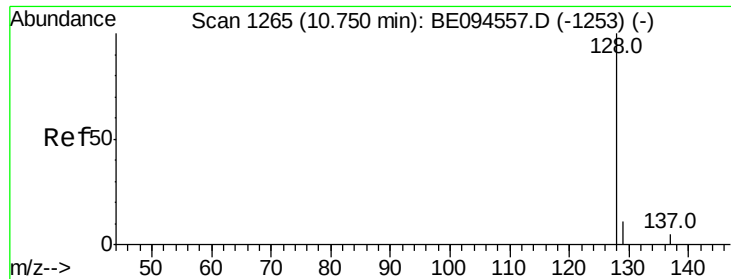
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

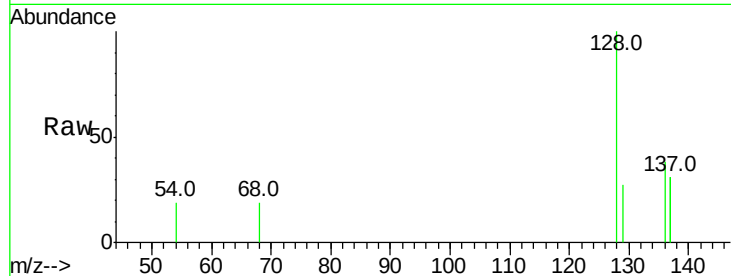
Tot Ion:128 Resp: 637

Ion Ratio Lower Upper

128 100

129 27.0 11.3 16.9#

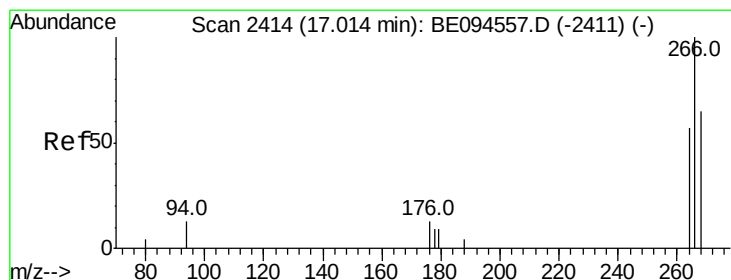
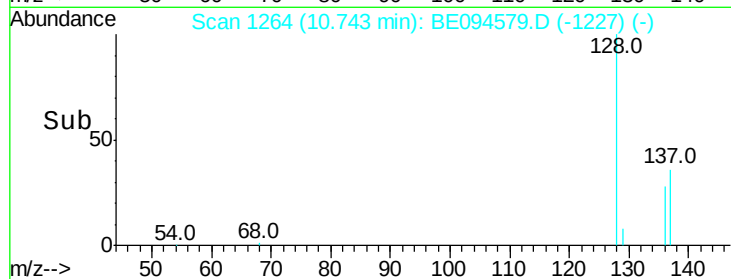
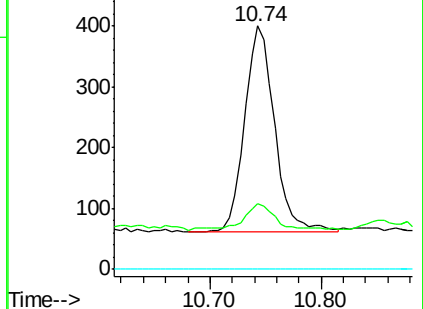
127 0.0 4.0 6.0#



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



#11

Pentachlorophenol

Concen: 0.046 ng/ul

RT: 16.98 min Scan# 2414

Delta R.T. -0.03 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

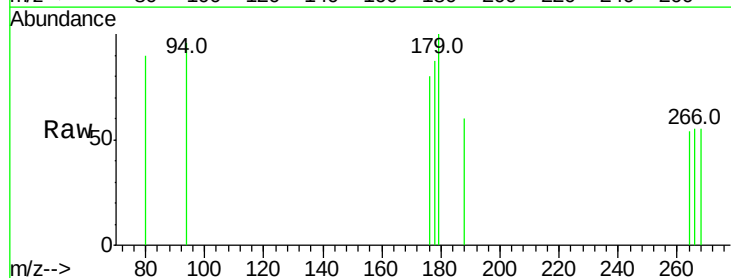
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 34.8 47.9 71.9#

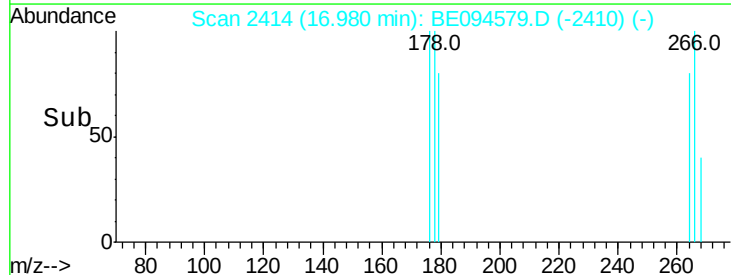
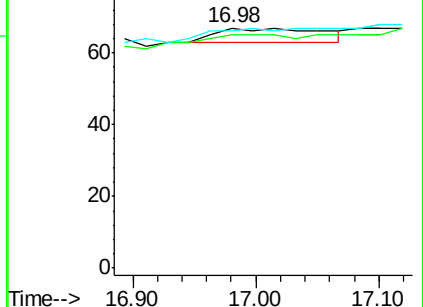
268 0.0 49.8 74.8#

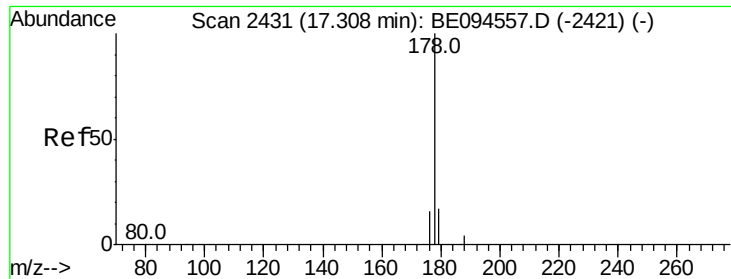


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.101 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

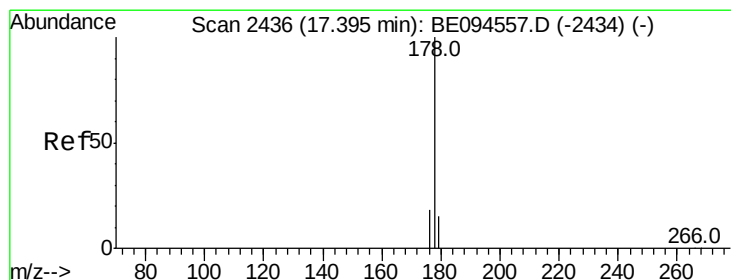
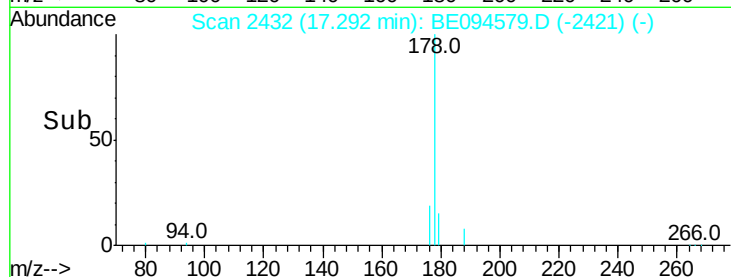
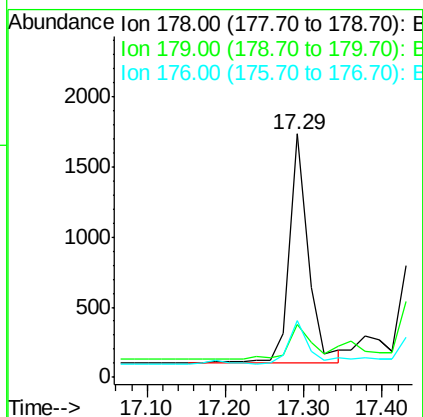
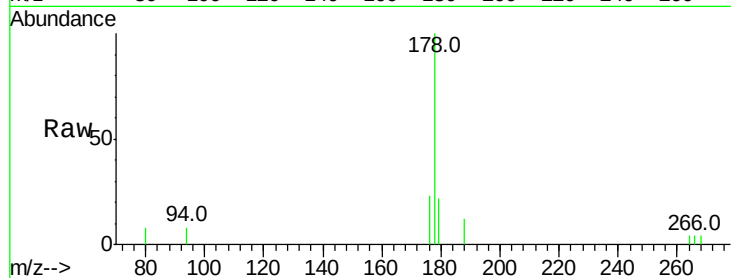
Tot Ion:178 Resp: 2688

Ion Ratio Lower Upper

178 100

179 21.8 18.4 27.6

176 23.3 13.6 20.4#



#13

Anthracene

Concen: 0.061 ng/ul

RT: 17.43 min Scan# 2440

Delta R.T. 0.04 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

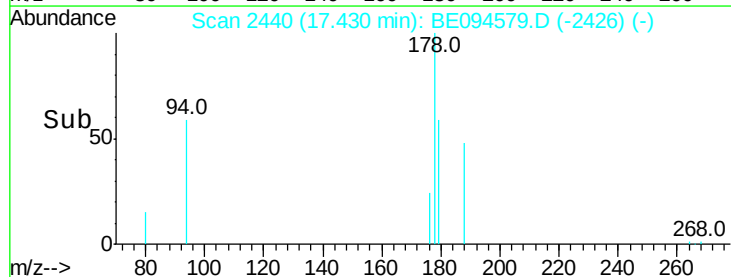
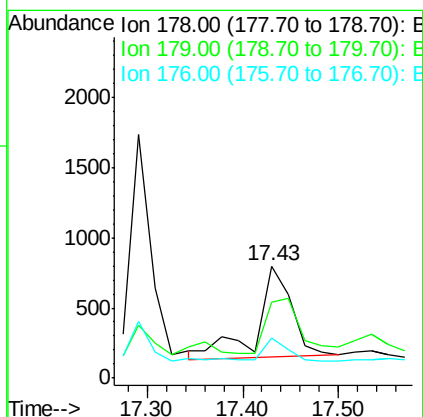
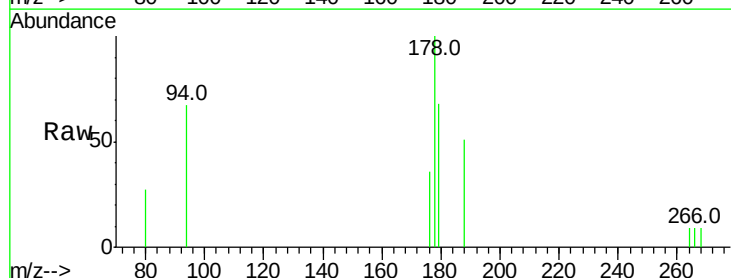
Tgt Ion:178 Resp: 1611

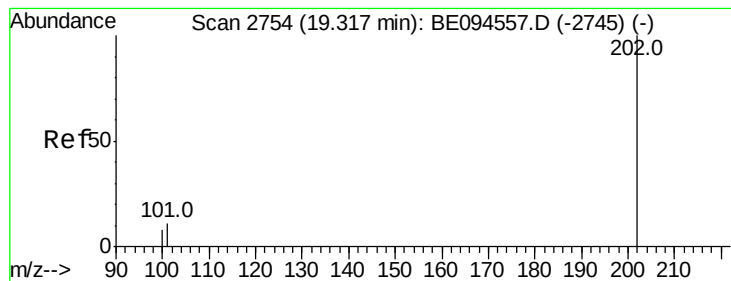
Ion Ratio Lower Upper

178 100

179 67.7 18.1 27.1#

176 36.2 14.7 22.1#





#15

Fluoranthene

Concen: 0.127 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

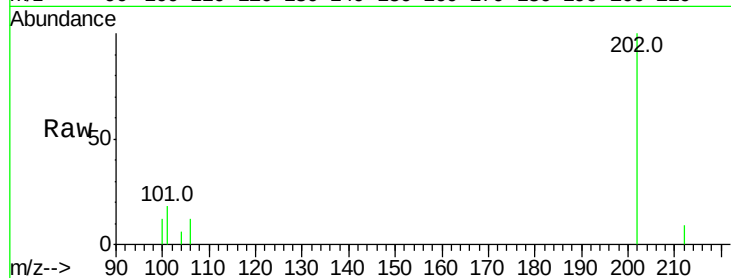
Tot Ion:202 Resp: 3910

Ion Ratio Lower Upper

202 100

101 17.6 0.0 30.3

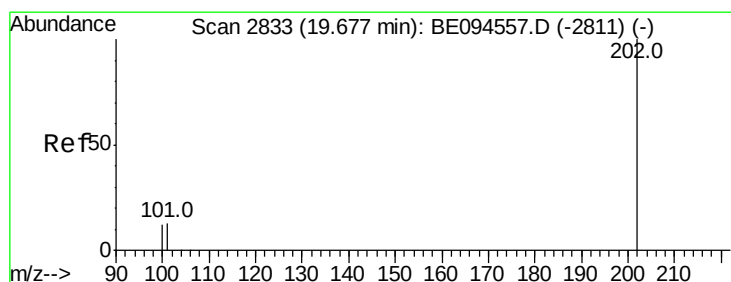
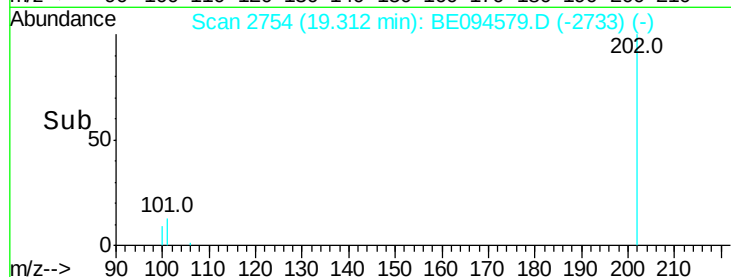
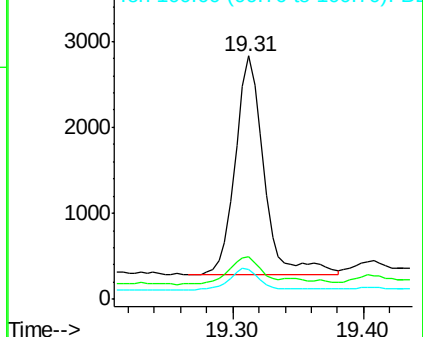
100 12.2 0.0 39.5



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: 0.189 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

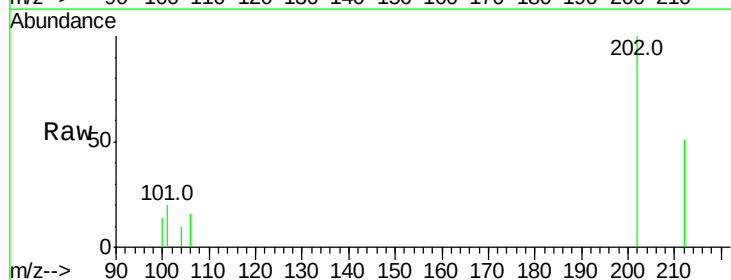
Tgt Ion:202 Resp: 5709

Ion Ratio Lower Upper

202 100

101 20.2 18.2 27.4

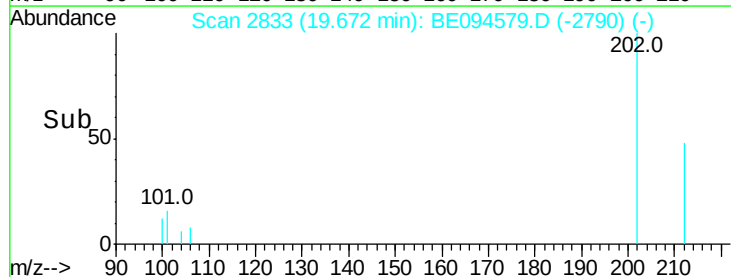
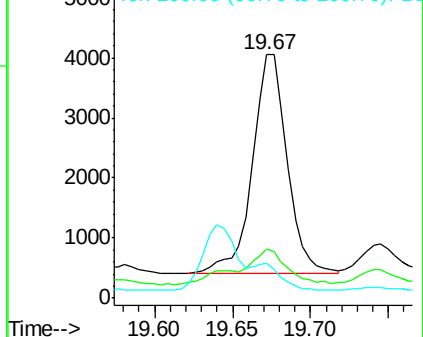
100 14.3 15.6 23.4#

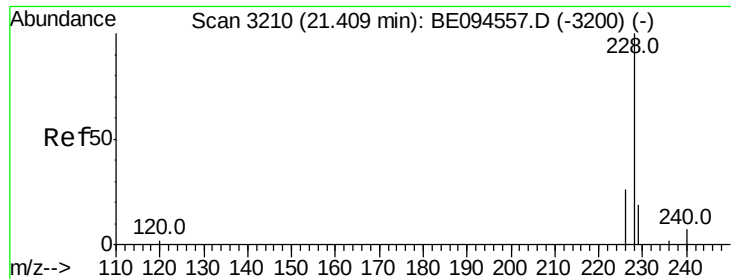


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.122 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampled :

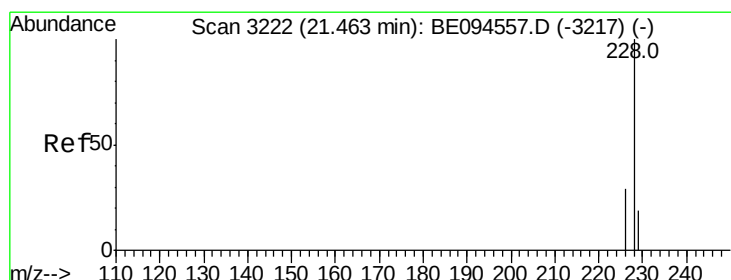
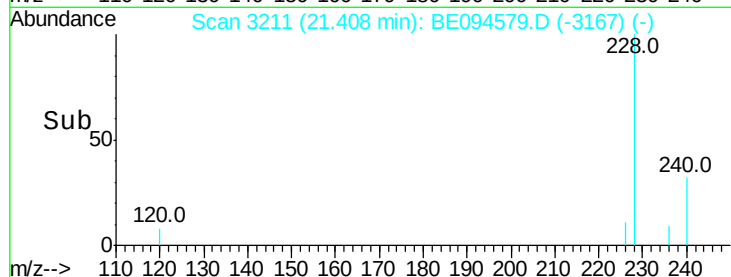
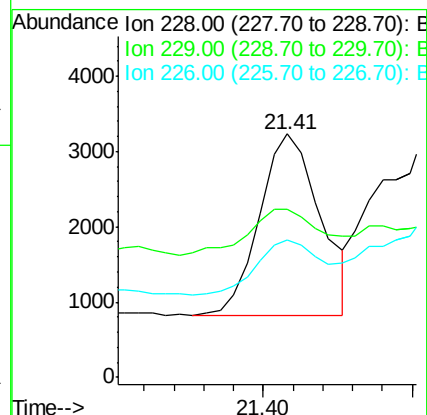
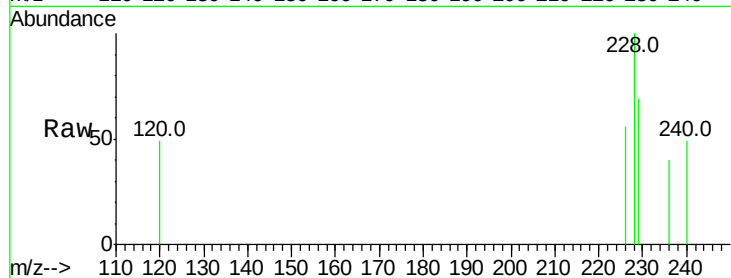
Tot Ion:228 Resp: 3408

Ion Ratio Lower Upper

228 100

229 69.0 22.8 34.2#

226 56.2 17.0 25.6#



#19

Chrysene

Concen: 0.238 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

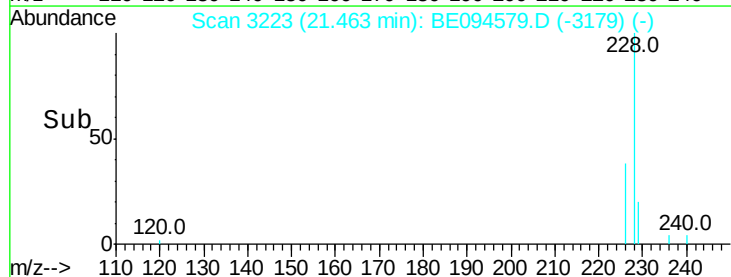
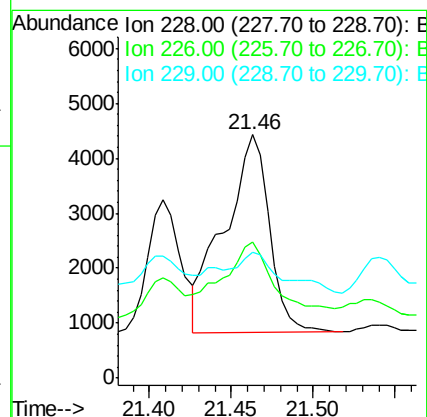
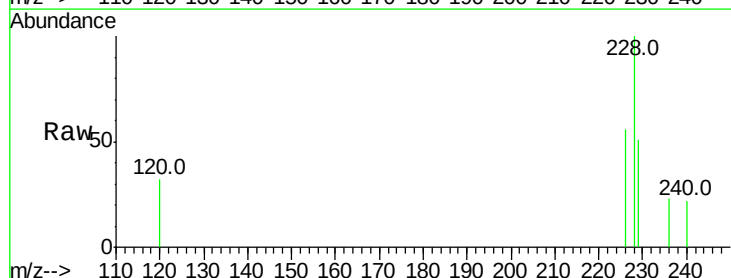
Tgt Ion:228 Resp: 6847

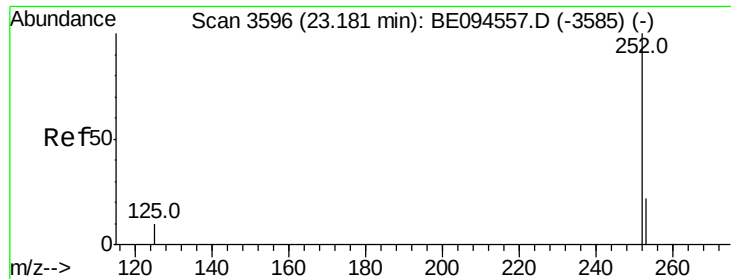
Ion Ratio Lower Upper

228 100

226 55.9 23.4 35.0#

229 51.5 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.187 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :

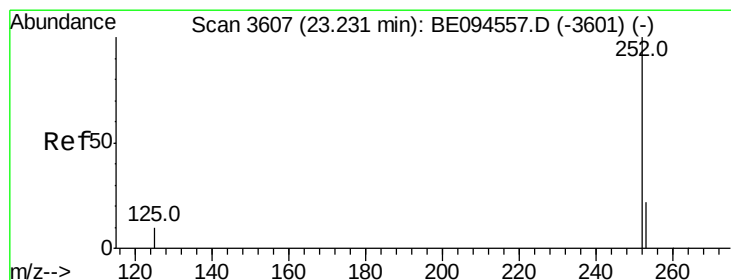
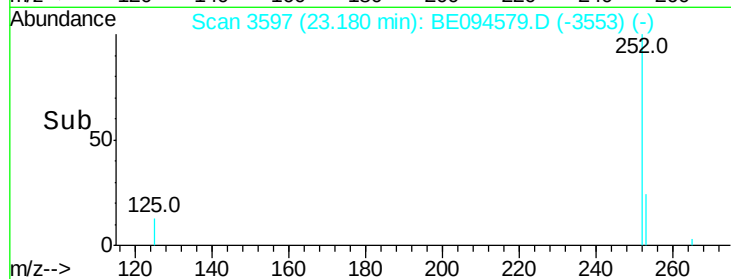
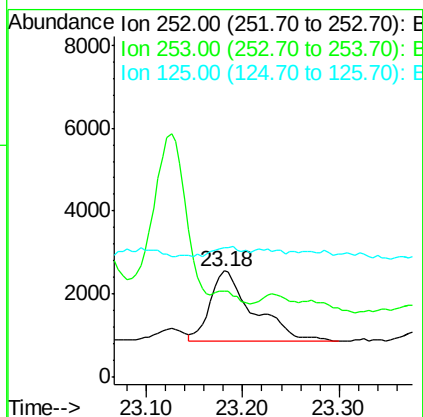
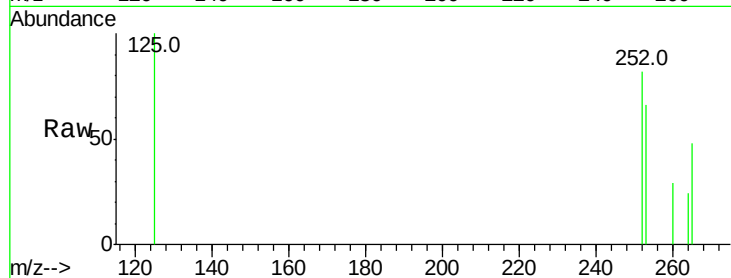
Tot Ion:252 Resp: 5364

Ion Ratio Lower Upper

252 100

253 81.2 0.0 64.2#

125 122.1 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.175 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

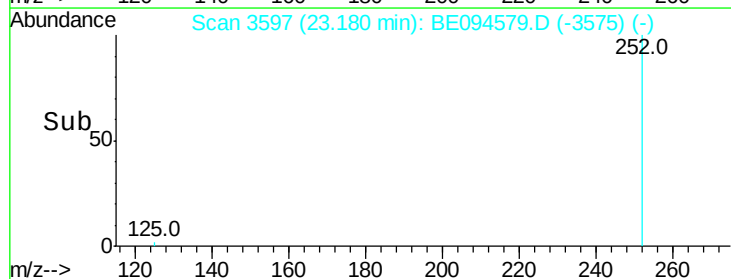
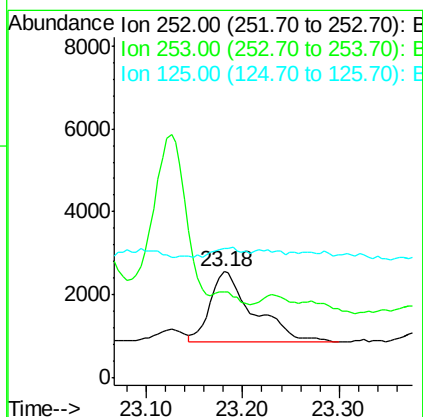
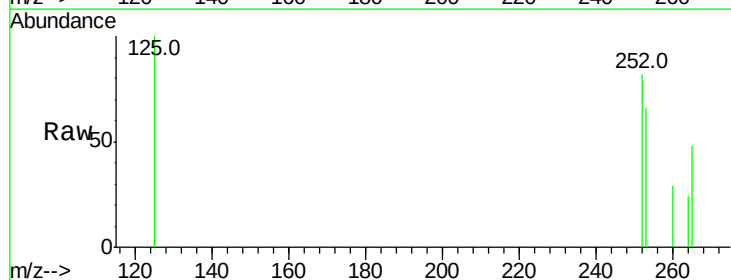
Tgt Ion:252 Resp: 5364

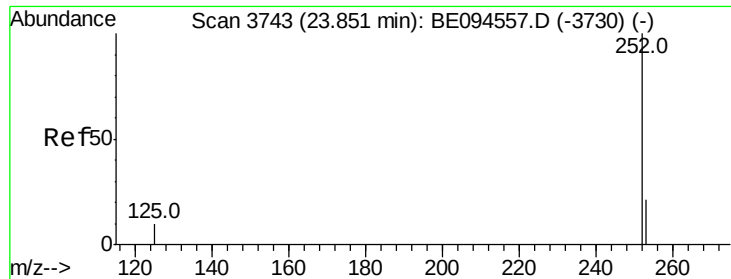
Ion Ratio Lower Upper

252 100

253 81.2 24.5 36.7#

125 122.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.119 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.01 min

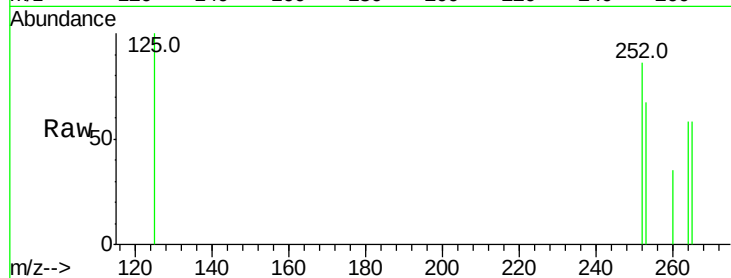
Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :



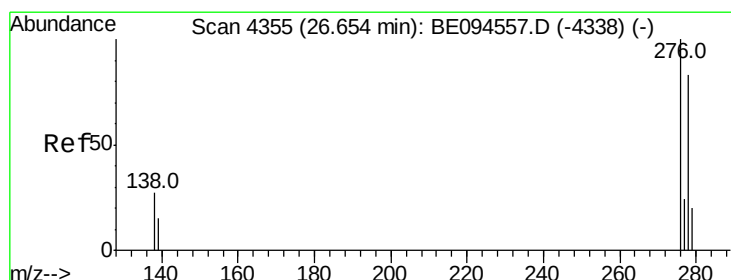
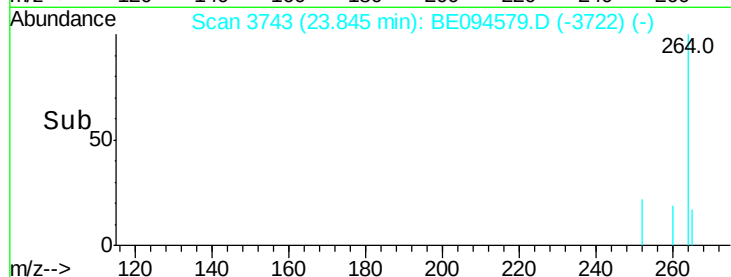
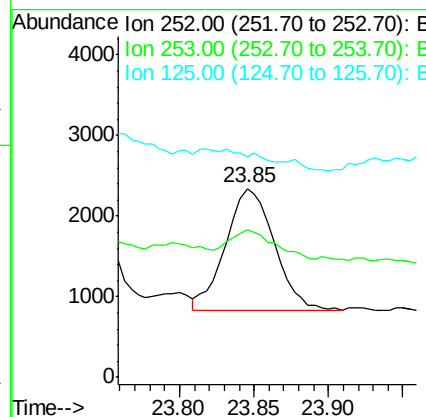
Tot Ion:252 Resp: 3404

Ion Ratio Lower Upper

252 100

253 77.8 28.5 42.7#

125 116.7 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.046 ng/ul

RT: 26.66 min Scan# 4356

Delta R.T. 0.00 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

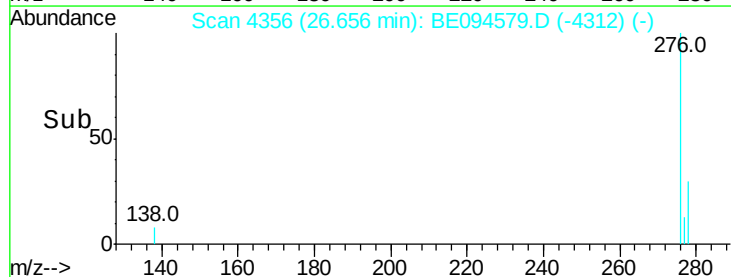
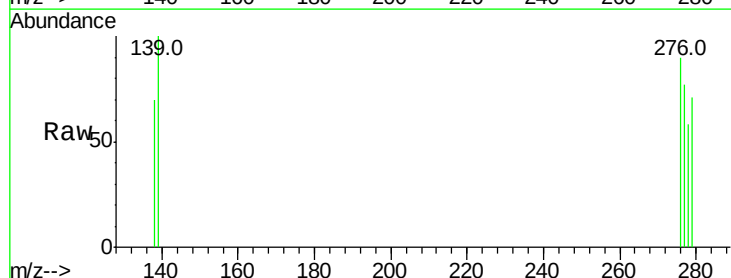
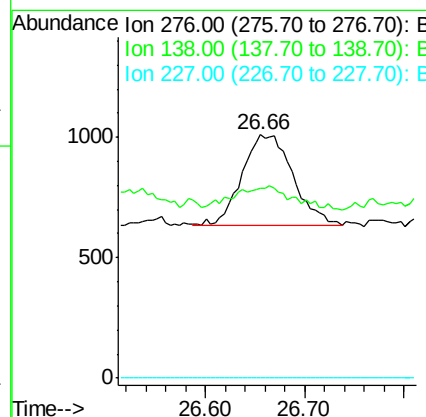
Tgt Ion:276 Resp: 1353

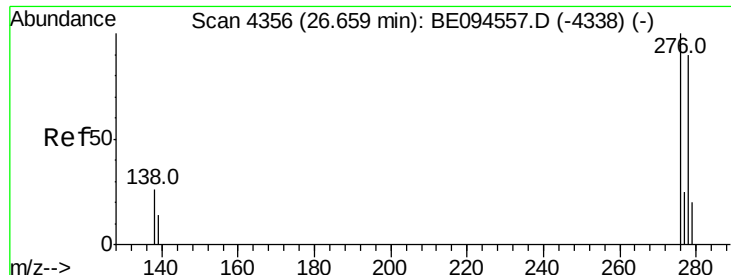
Ion Ratio Lower Upper

276 100

138 24.9 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.022 ng/ul

RT: 26.65 min Scan# 4355

Delta R.T. -0.01 min

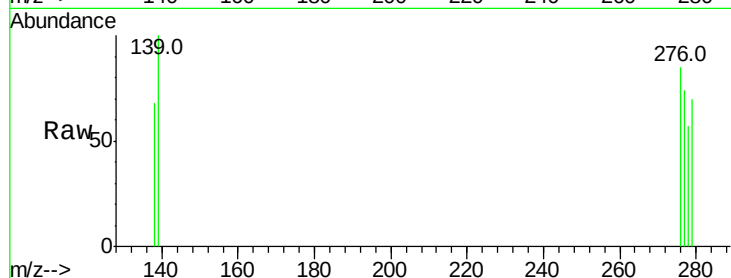
Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Instrument :

BNA_E

ClientSampleId :



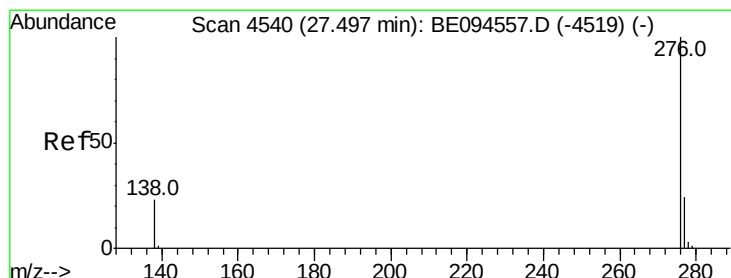
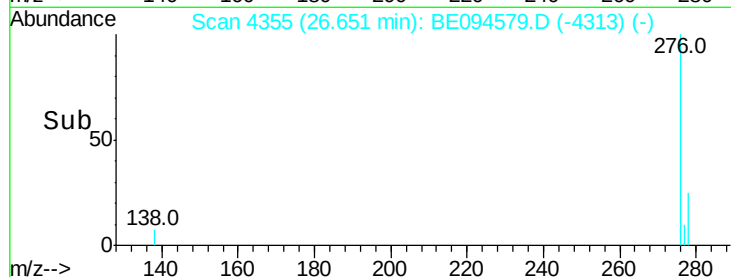
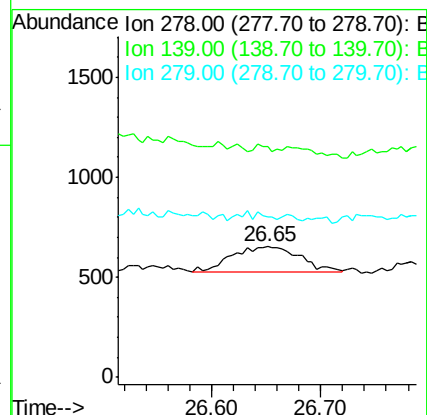
Tot Ion:278 Resp: 550

Ion Ratio Lower Upper

278 100

139 176.4 17.4 26.0#

279 123.1 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.119 ng/ul

RT: 27.50 min Scan# 4541

Delta R.T. 0.00 min

Lab File: BE094579.D

Acq: 27 Oct 2017 1:22

Tgt Ion:276 Resp: 2836

Ion Ratio Lower Upper

276 100

138 67.8 21.8 32.8#

277 71.6 20.5 30.7#

