

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095308.D
 Acq On : 31 Jan 2018 9:36
 Operator : SJ/JU
 Sample : J1233-08DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 11:47:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 08:16:13 2018
 Response via : Initial Calibration

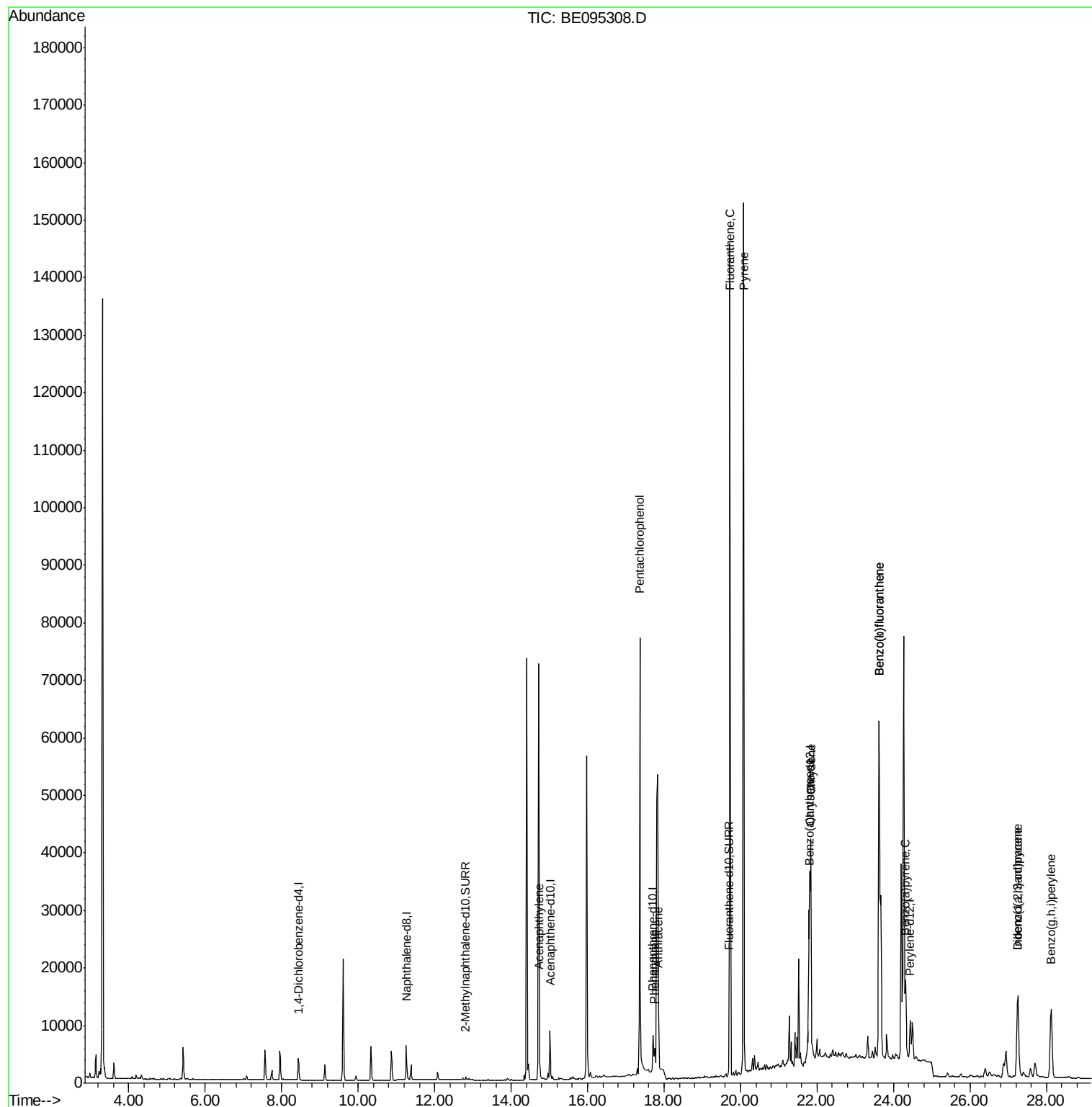
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2501	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7830	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10108	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10741	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10438	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	632	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1724	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	4949	0.219	ng/ul	99
11) Pentachlorophenol	17.36	266	46973	23.993	ng/ul	96
12) Phenanthrene	17.75	178	4857	0.143	ng/ul#	89
13) Anthracene	17.84	178	12334	0.396	ng/ul#	93
15) Fluoranthene	19.72	202	157507	3.578	ng/ul	83
17) Pyrene	20.08	202	170096	4.719	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	31405	0.935	ng/ul#	88
19) Chrysene	21.84	228	56482	1.620	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	149353	4.056	ng/ul	84
22) Benzo(k)fluoranthene	23.62	252	149353	4.433	ng/ul#	86
23) Benzo(a)pyrene	24.32	252	21009	0.639	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.25	276	28910	0.802	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.26	278	7157	0.243	ng/ul#	95
26) Benzo(g,h,i)perylene	28.12	276	31063	1.017	ng/ul#	93

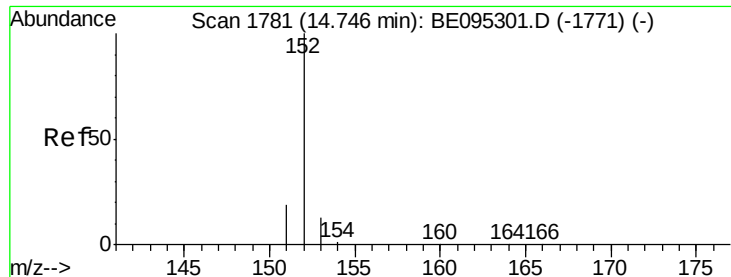
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.219 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :

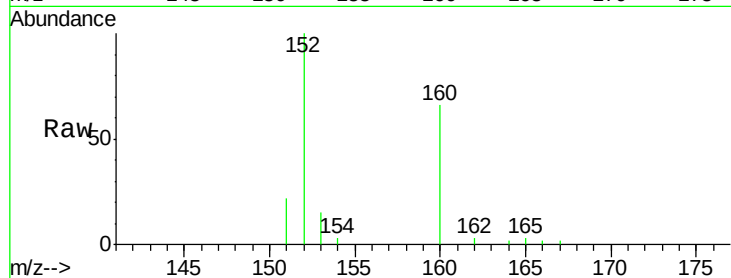
Tot Ion:152 Resp: 4949

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

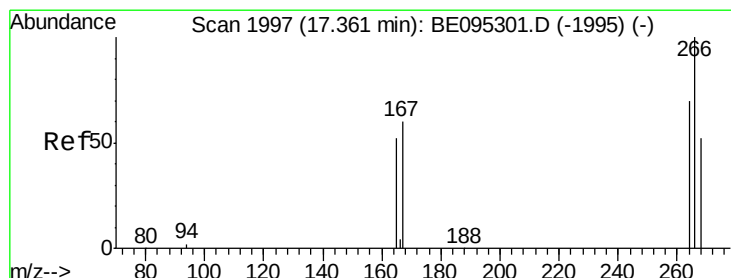
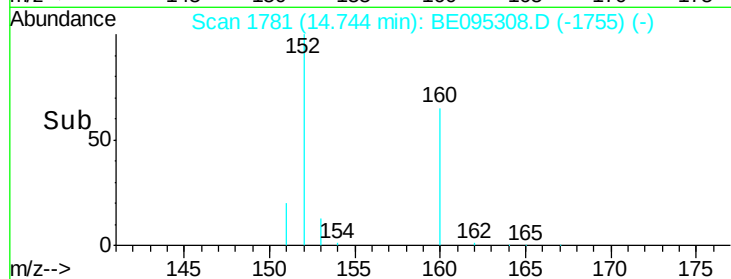
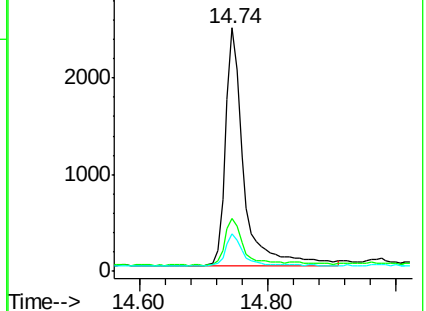
153 15.3 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Pentachlorophenol

Concen: 23.993 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

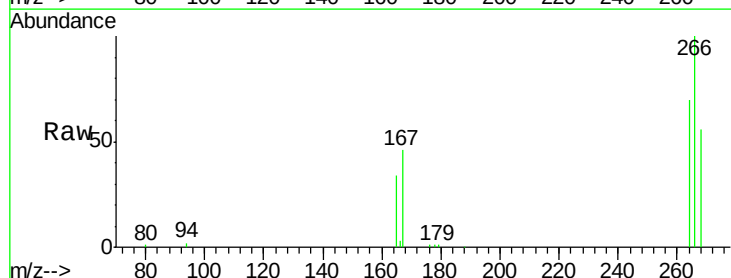
Tgt Ion:266 Resp: 46973

Ion Ratio Lower Upper

266 100

264 65.2 47.9 71.9

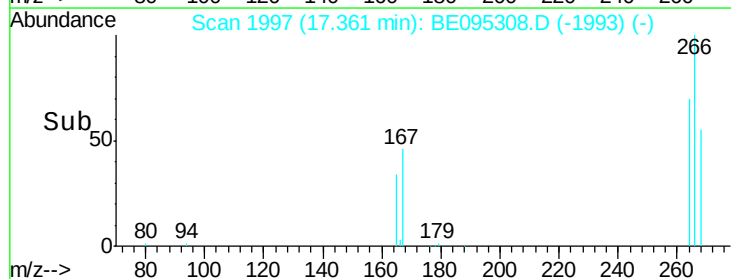
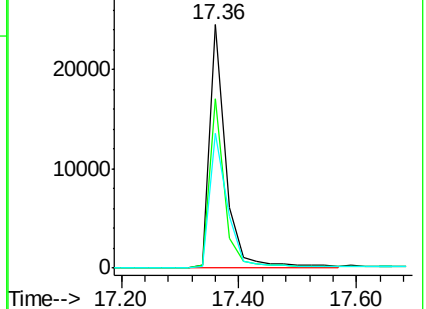
268 61.5 49.8 74.8

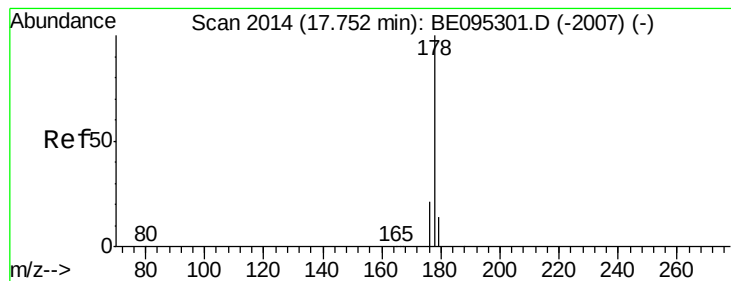


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.143 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :

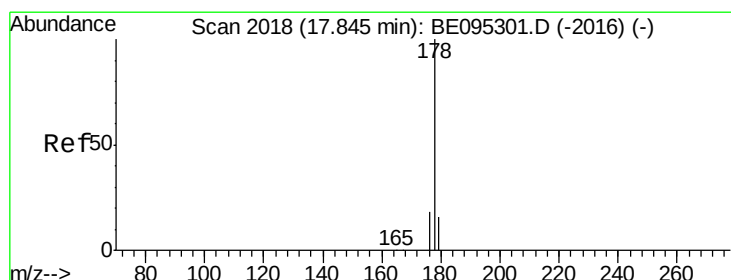
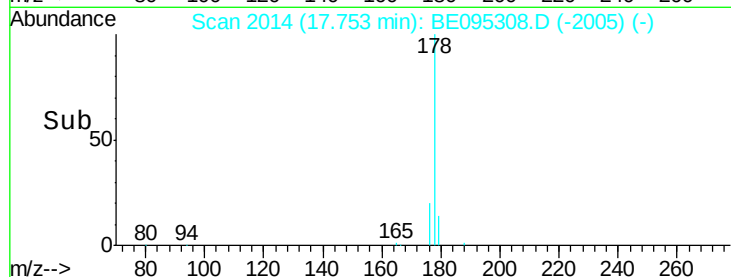
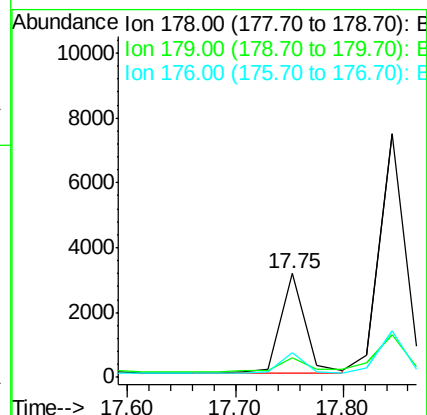
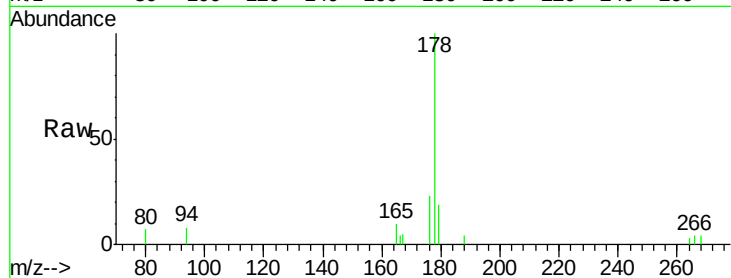
Tot Ion:178 Resp: 4857

Ion Ratio Lower Upper

178 100

179 19.0 18.4 27.6

176 23.3 13.6 20.4#



#13

Anthracene

Concen: 0.396 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

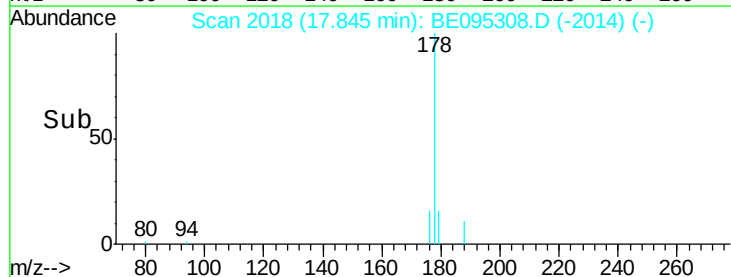
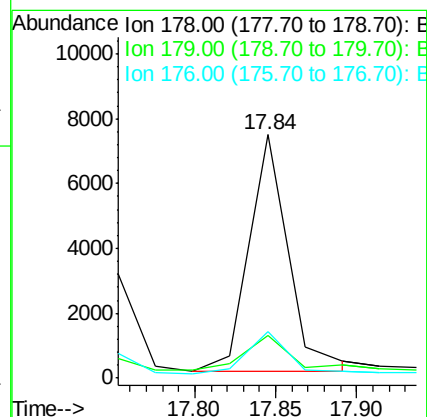
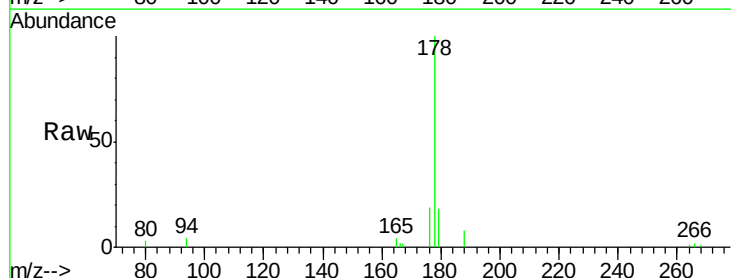
Tgt Ion:178 Resp: 12334

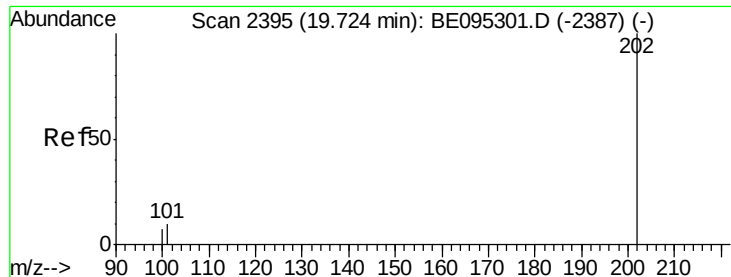
Ion Ratio Lower Upper

178 100

179 17.6 18.1 27.1#

176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 3.578 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :

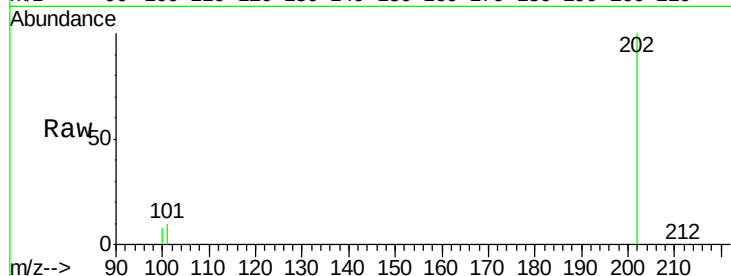
Tot Ion:202 Resp: 157507

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

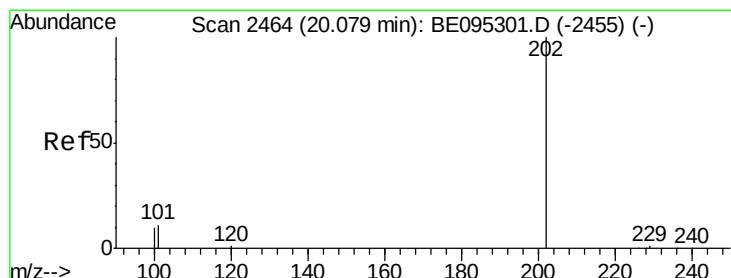
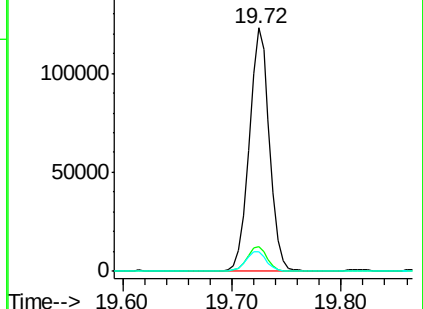
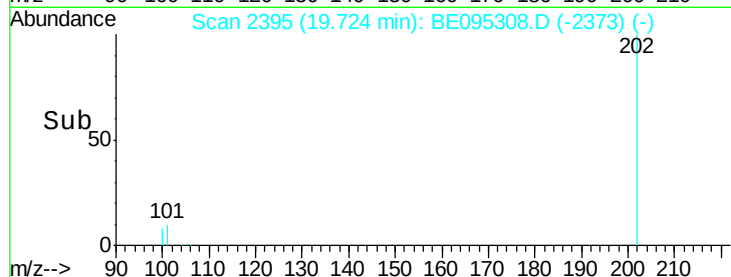
100 8.2 0.0 39.5



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: 4.719 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

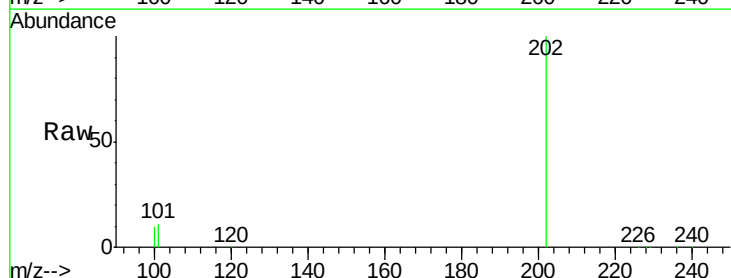
Tgt Ion:202 Resp: 170096

Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

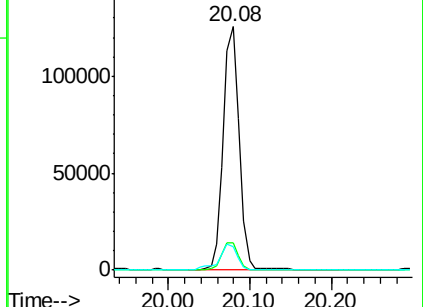
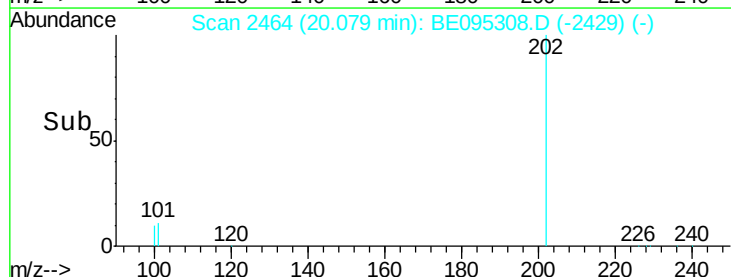
100 9.6 15.6 23.4#

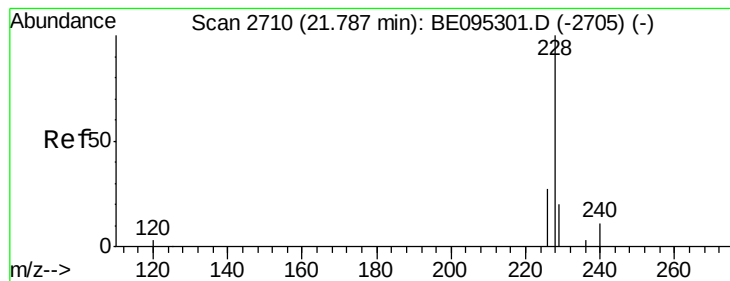


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.935 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :

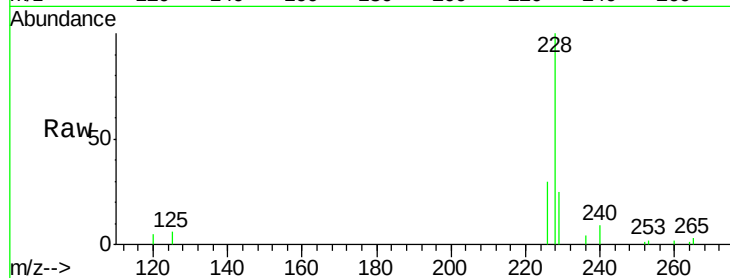
Tot Ion:228 Resp: 31405

Ion Ratio Lower Upper

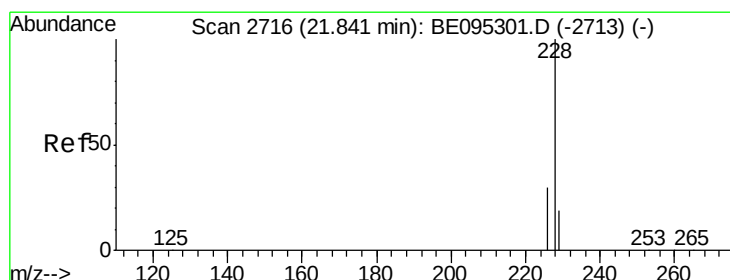
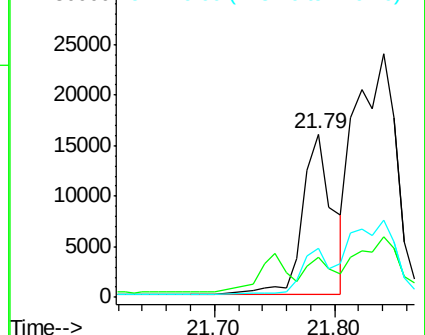
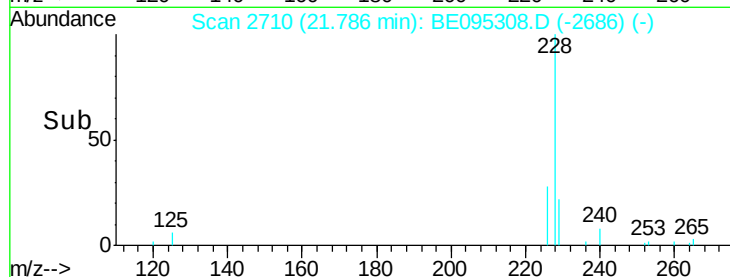
228 100

229 24.8 22.8 34.2

226 29.6 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: 1.620 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

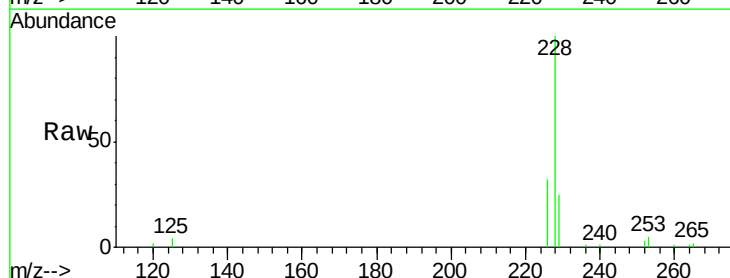
Tgt Ion:228 Resp: 56482

Ion Ratio Lower Upper

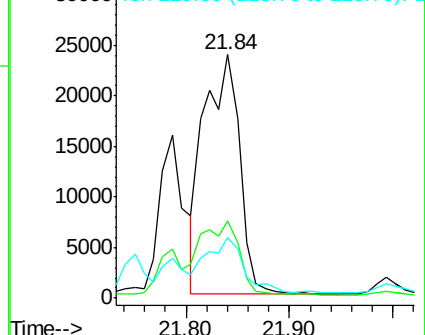
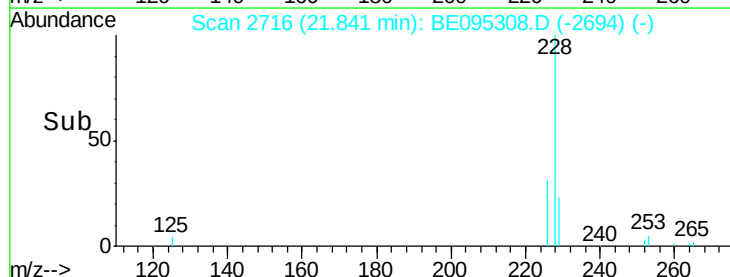
228 100

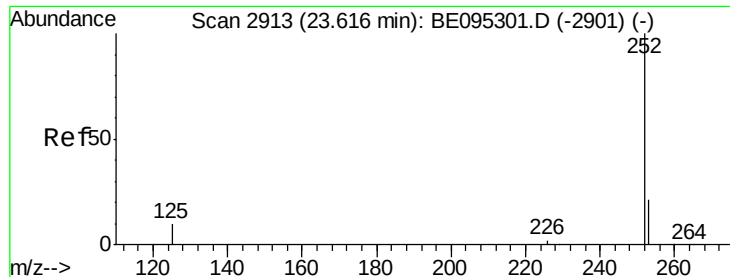
226 31.6 23.4 35.0

229 24.8 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: 4.056 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :

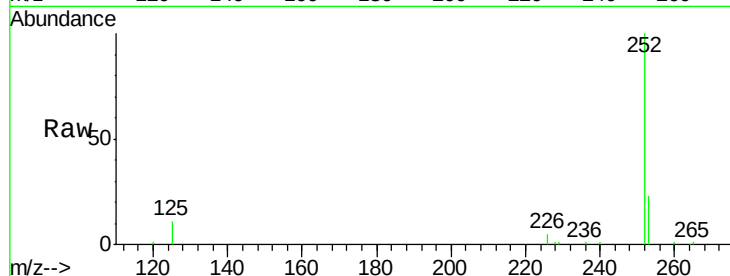
Tot Ion:252 Resp: 149353

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

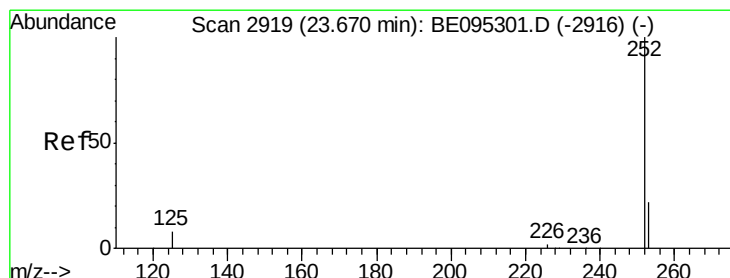
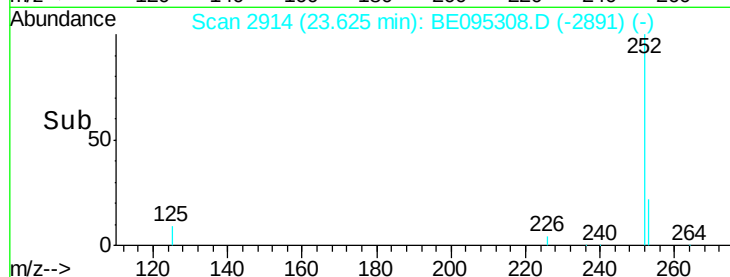
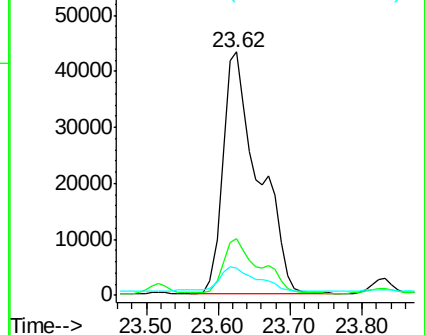
125 11.2 0.0 35.0



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: 4.433 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

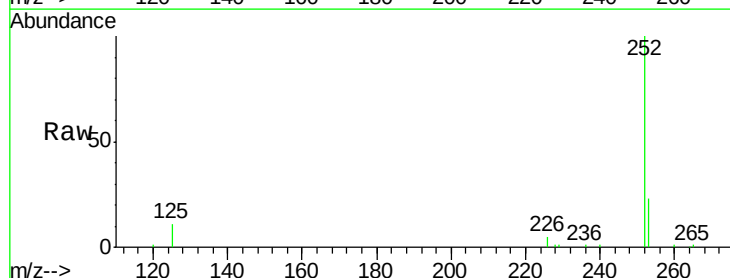
Tgt Ion:252 Resp: 149353

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

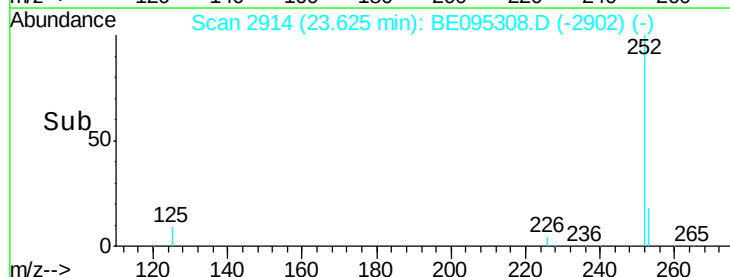
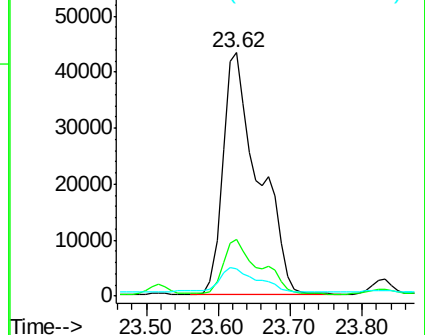
125 11.2 13.7 20.5#

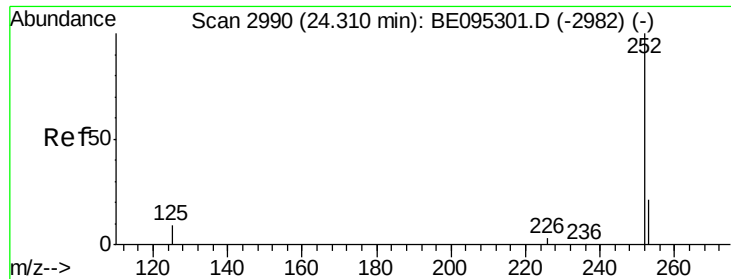


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.639 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :

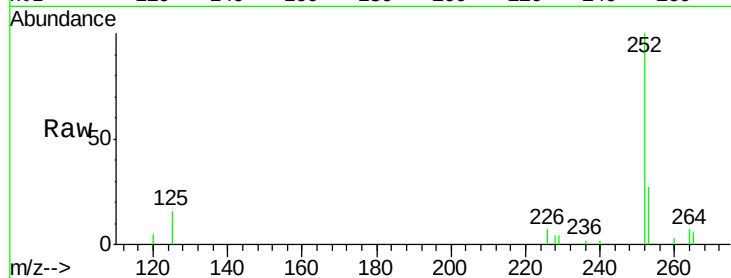
Tot Ion:252 Resp: 21009

Ion Ratio Lower Upper

252 100

253 27.5 28.5 42.7#

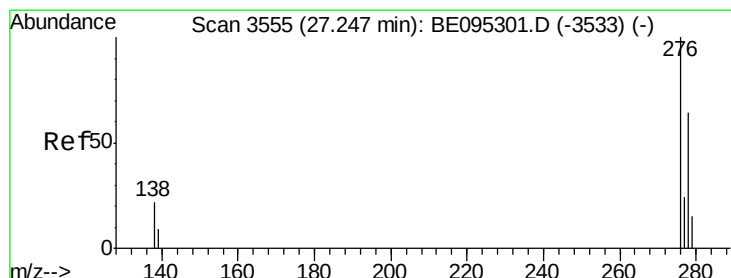
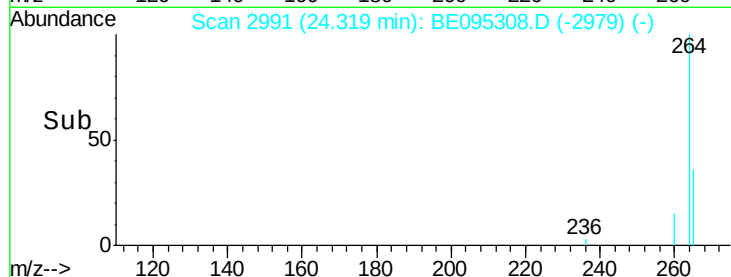
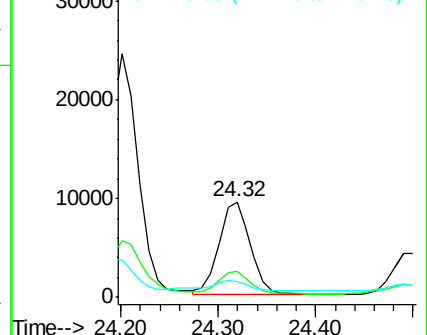
125 16.4 18.1 27.1#



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: 0.802 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

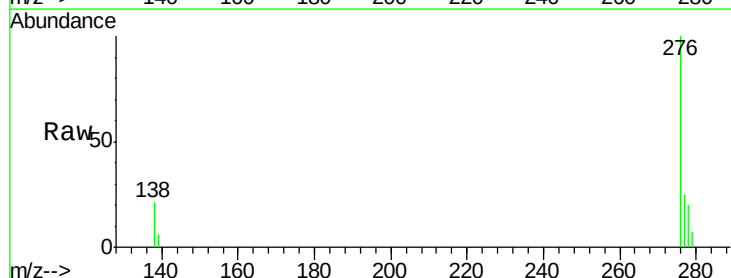
Tgt Ion:276 Resp: 28910

Ion Ratio Lower Upper

276 100

138 20.2 28.0 42.0#

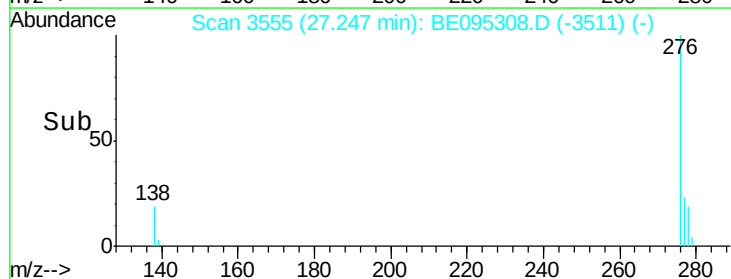
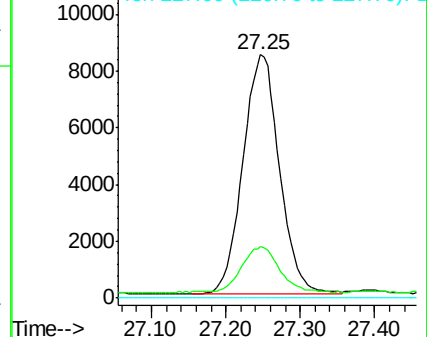
227 0.0 8.0 12.0#

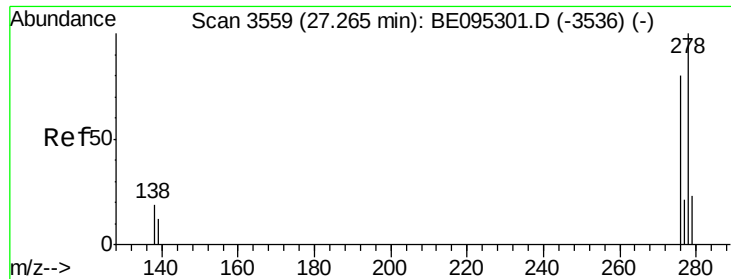


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.243 ng/ul

RT: 27.26 min Scan# 3557

Delta R.T. -0.01 min

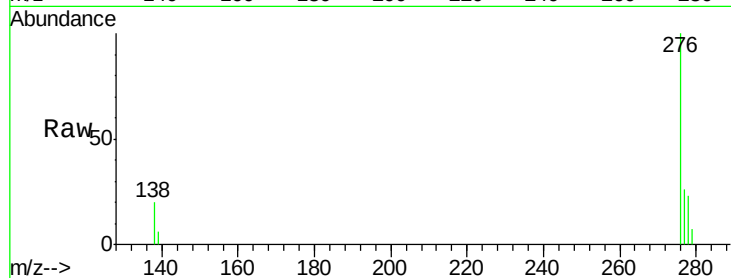
Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Instrument :

BNA_E

ClientSampleId :



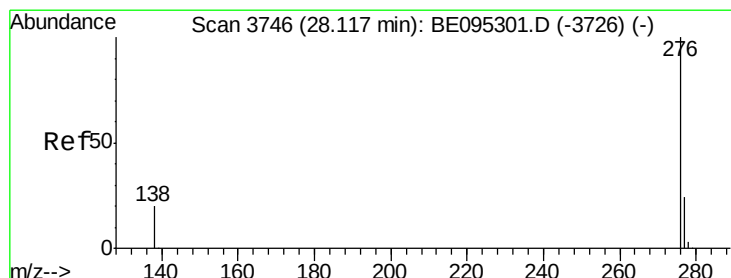
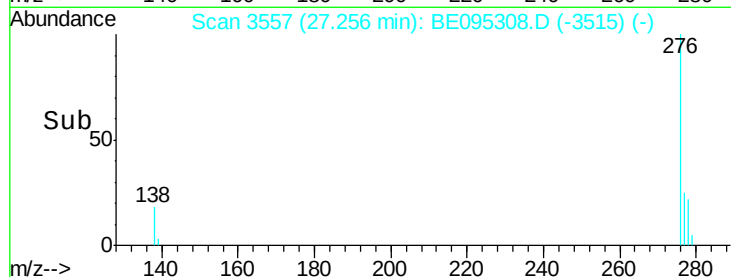
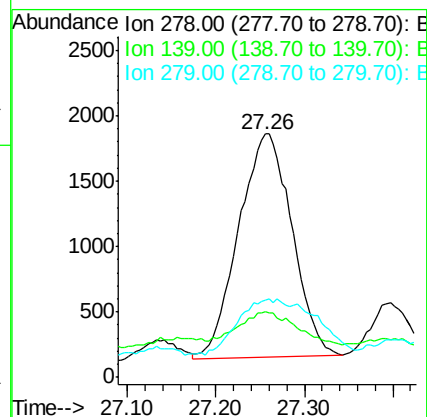
Tot Ion:278 Resp: 7157

Ion Ratio Lower Upper

278 100

139 26.8 17.4 26.0#

279 31.6 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 1.017 ng/ul

RT: 28.12 min Scan# 3747

Delta R.T. 0.00 min

Lab File: BE095308.D

Acq: 31 Jan 2018 9:36

Tgt Ion:276 Resp: 31063

Ion Ratio Lower Upper

276 100

138 21.5 21.8 32.8#

277 24.3 20.5 30.7

