

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095502.D
 Acq On : 5 Feb 2018 21:57
 Operator : SJ/JU
 Sample : J1314-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 06 02:10:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 02:09:13 2018
 Response via : Initial Calibration

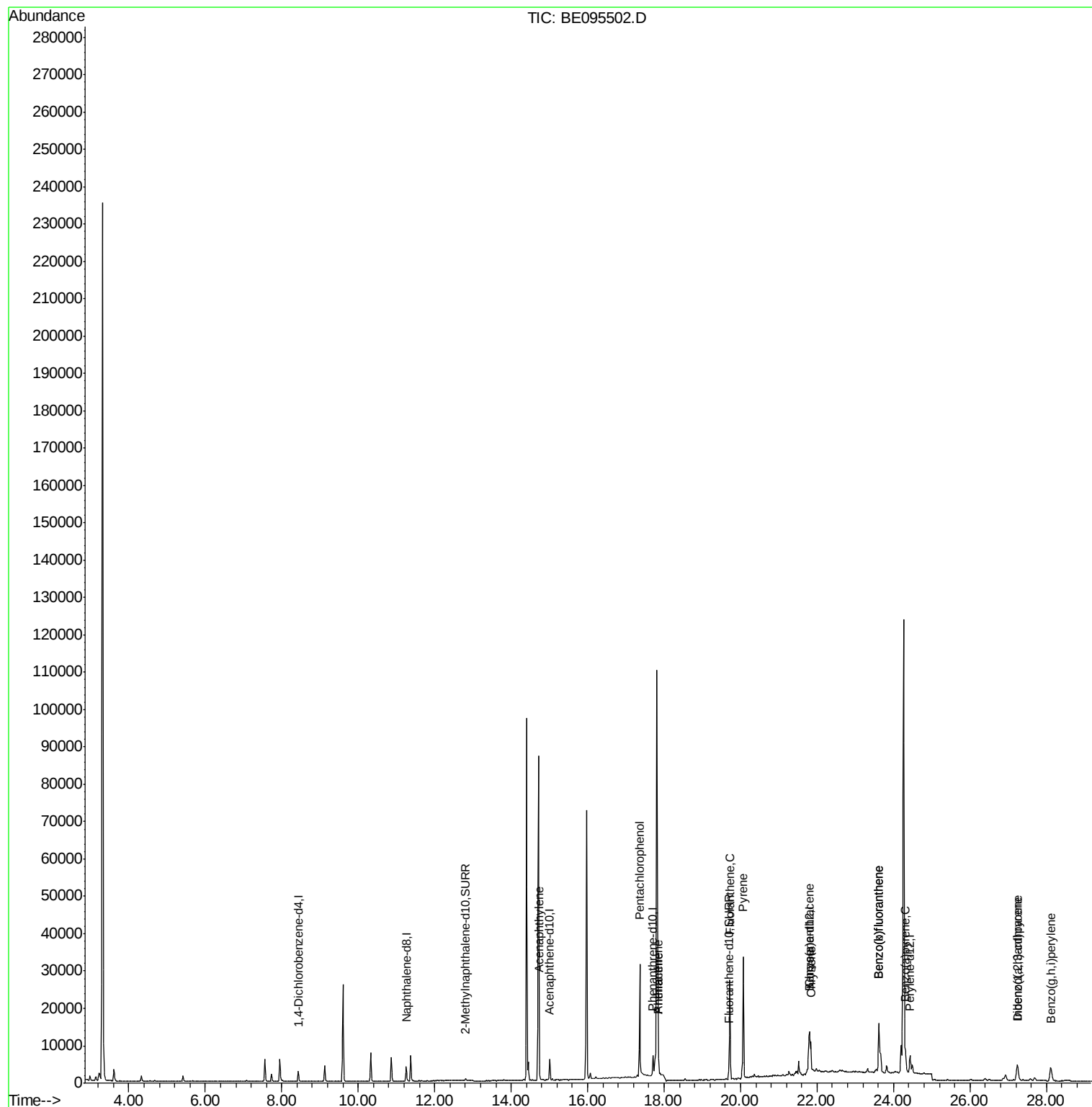
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1852	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5344	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3225	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7689	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7559	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7890	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	740	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	2749	0.09	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	1252	0.081	ng/ul#	66
11) Pentachlorophenol	17.36	266	19871	13.343	ng/ul	98
12) Phenanthrene	17.85	178	5775	0.223	ng/ul	96
13) Anthracene	17.85	178	5970	0.252	ng/ul	98
15) Fluoranthene	19.72	202	29843	0.891	ng/ul	82
17) Pyrene	20.07	202	34484	1.360	ng/ul#	79
18) Benzo(a)anthracene	21.78	228	10512	0.445	ng/ul#	89
19) Chrysene	21.84	228	11212	0.457	ng/ul#	90
21) Benzo(b)fluoranthene	23.62	252	30735	1.104	ng/ul	90
22) Benzo(k)fluoranthene	23.62	252	30735	1.207	ng/ul	92
23) Benzo(a)pyrene	24.31	252	6682	0.269	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	27.24	276	8720	0.320	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.25	278	1992	0.089	ng/ul#	69
26) Benzo(g,h,i)perylene	28.11	276	9271	0.402	ng/ul	95

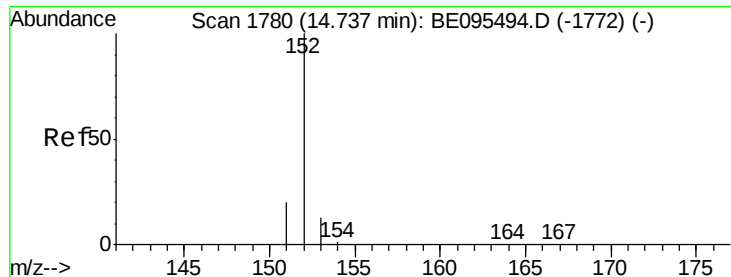
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

Instrument :

BNA_E

ClientSampleId :

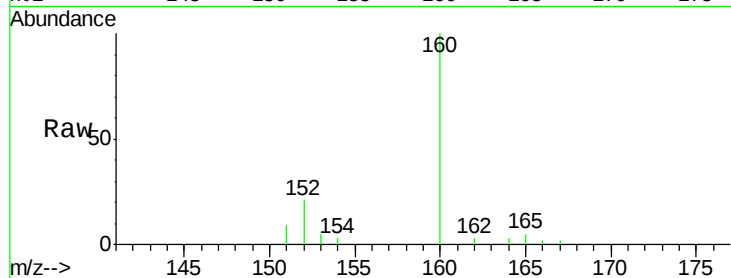
Tot Ion:152 Resp: 1252

Ion Ratio Lower Upper

152 100

151 44.1 17.1 25.7#

153 22.9 12.8 19.2#



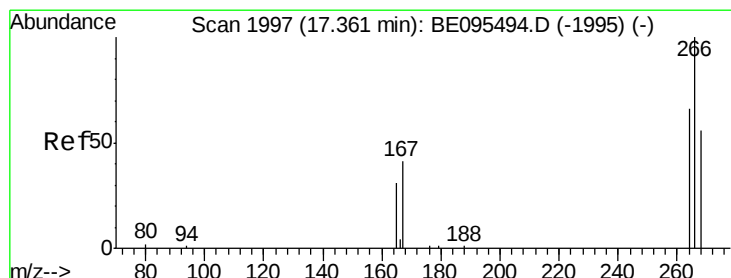
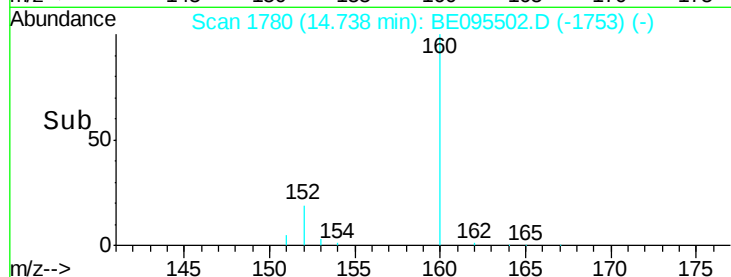
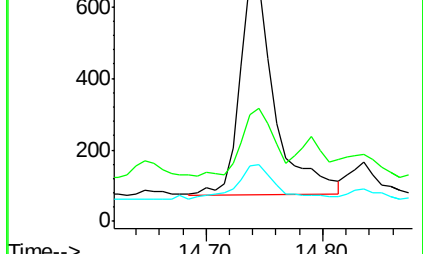
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.74

14.70 14.80



#11

Pentachlorophenol

Concen: 13.343 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

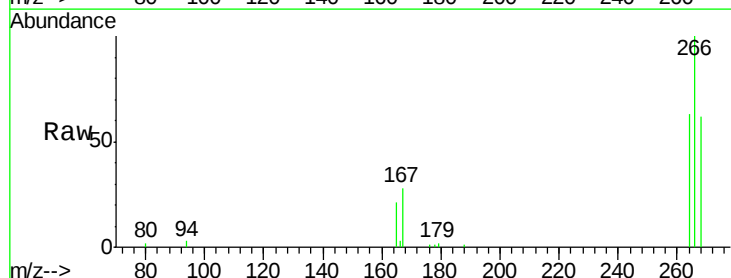
Tgt Ion:266 Resp: 19871

Ion Ratio Lower Upper

266 100

264 62.6 47.9 71.9

268 63.5 49.8 74.8



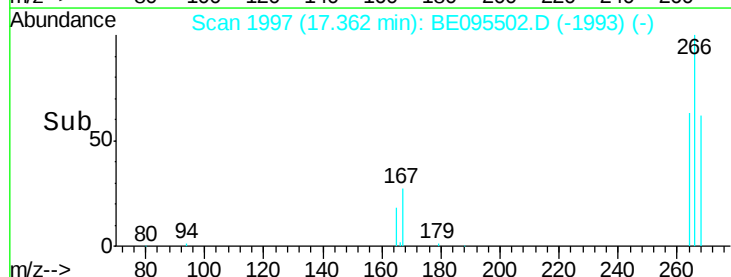
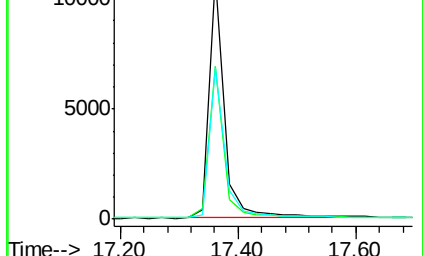
Abundance Ion 266.00 (265.70 to 266.70): E

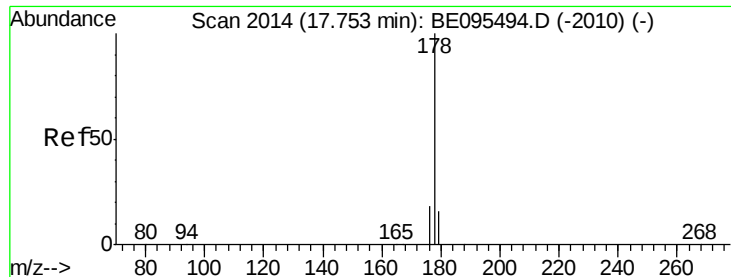
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

17.36

17.20 17.40 17.60





#12

Phenanthrene

Concen: 0.223 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.09 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

Instrument :

BNA_E

ClientSampleId :

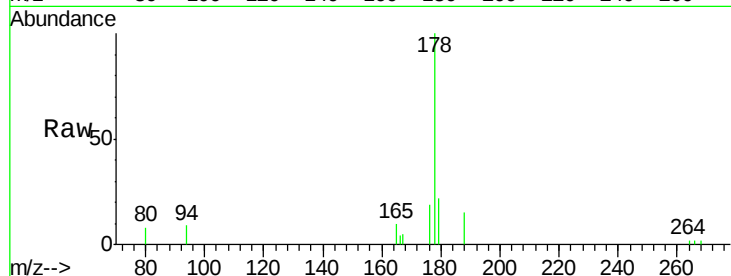
Tot Ion:178 Resp: 5775

Ion Ratio Lower Upper

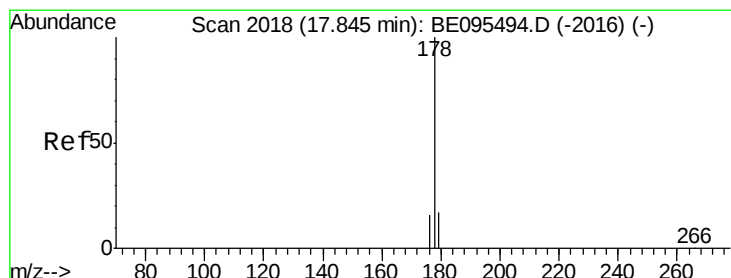
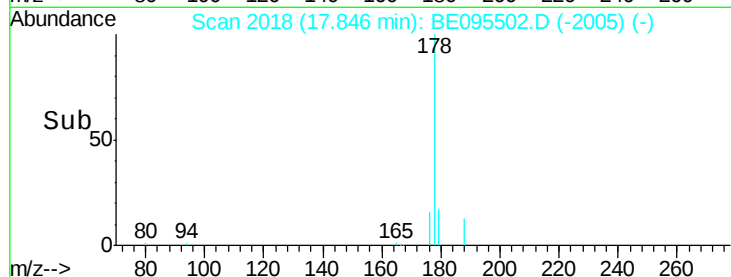
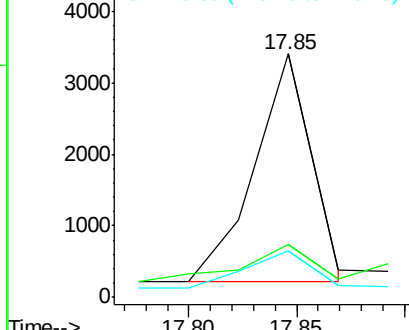
178 100

179 21.7 18.4 27.6

176 19.1 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: 0.252 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

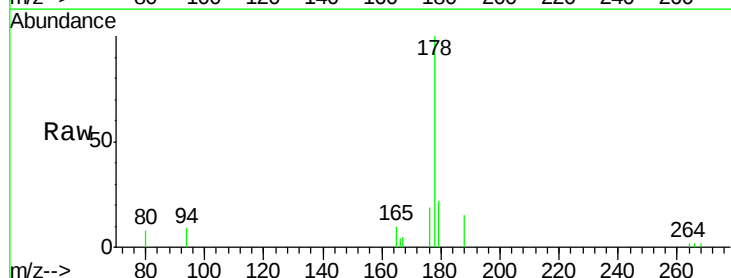
Tgt Ion:178 Resp: 5970

Ion Ratio Lower Upper

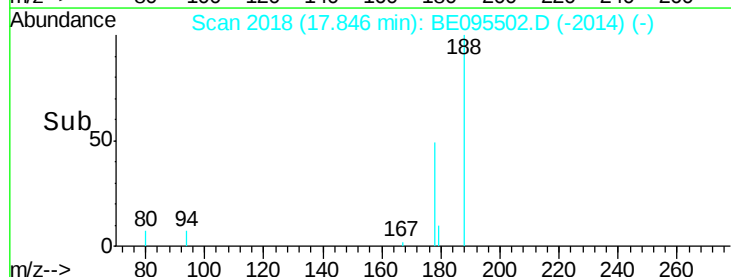
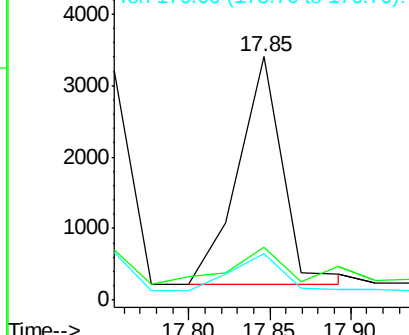
178 100

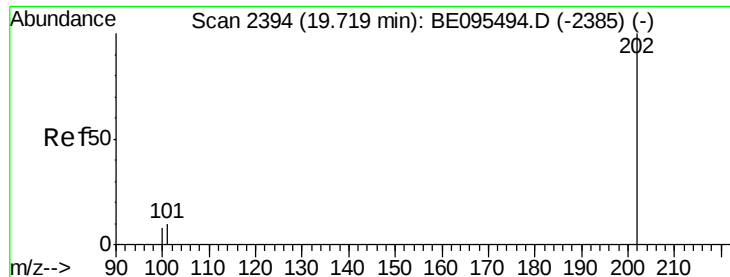
179 21.7 18.1 27.1

176 19.1 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: 0.891 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

Instrument :

BNA_E

ClientSampleId :

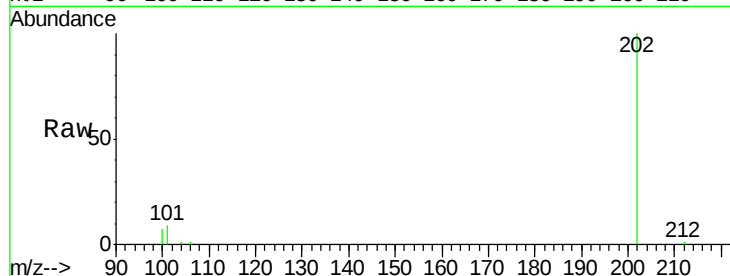
Tot Ion:202 Resp: 29843

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.3

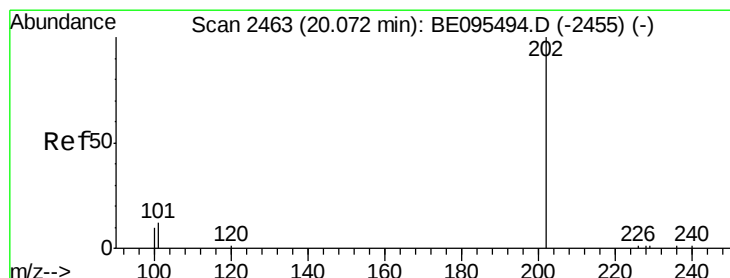
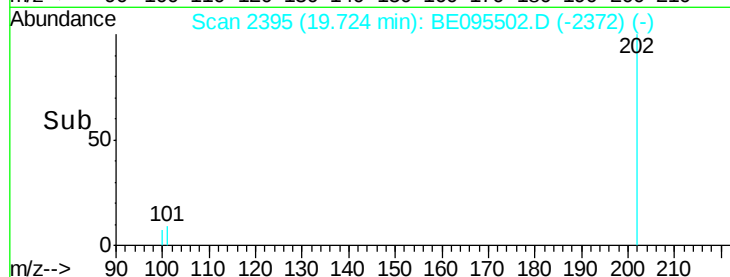
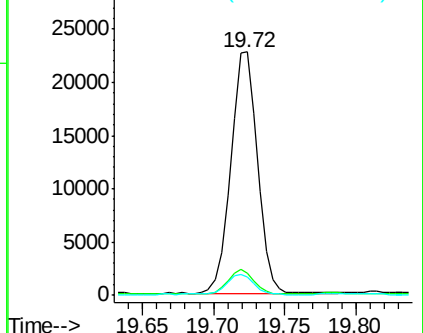
100 7.4 0.0 39.5



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: 1.360 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

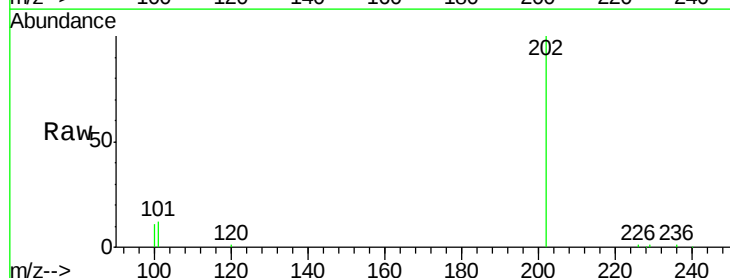
Tgt Ion:202 Resp: 34484

Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

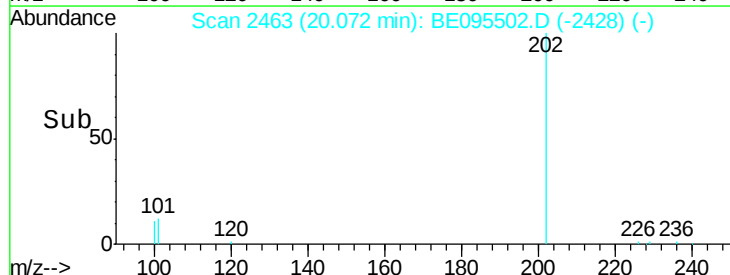
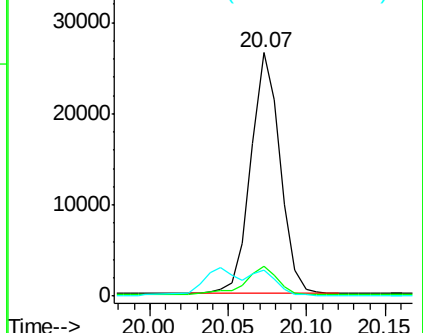
100 10.8 15.6 23.4#

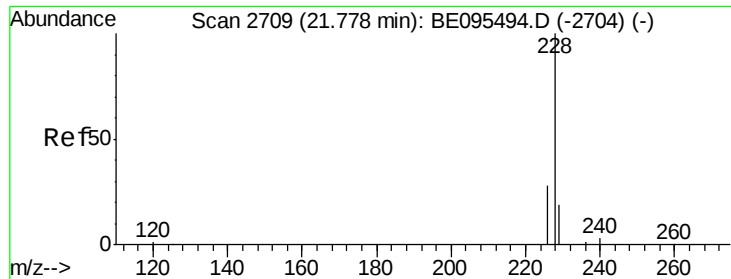


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.445 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

Instrument :

BNA_E

ClientSampleId :

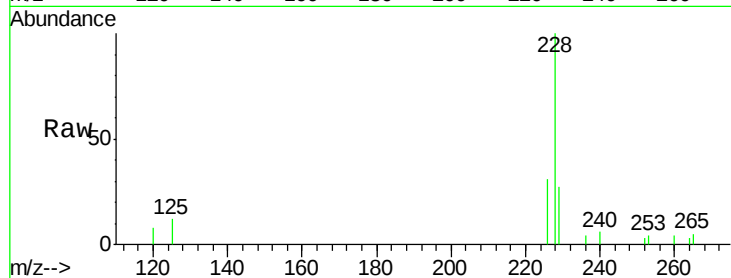
Tot Ion:228 Resp: 10512

Ion Ratio Lower Upper

228 100

229 26.6 22.8 34.2

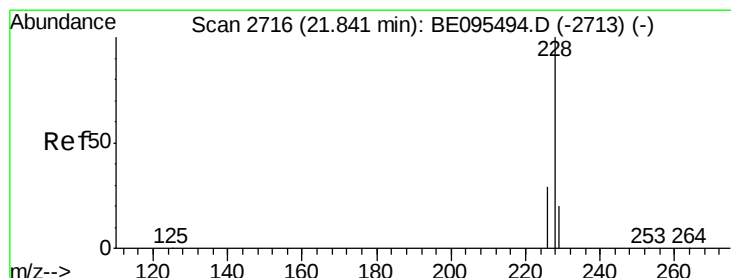
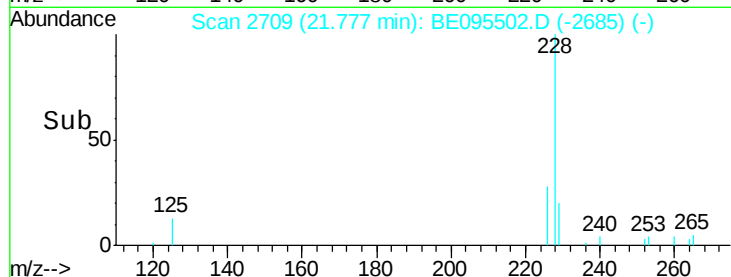
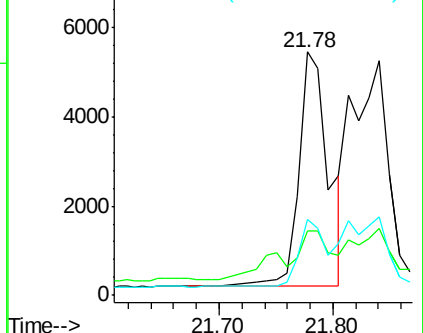
226 31.0 17.0 25.6#



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: 0.457 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

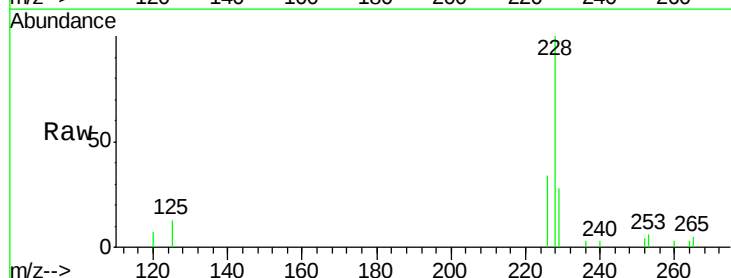
Tgt Ion:228 Resp: 11212

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.0

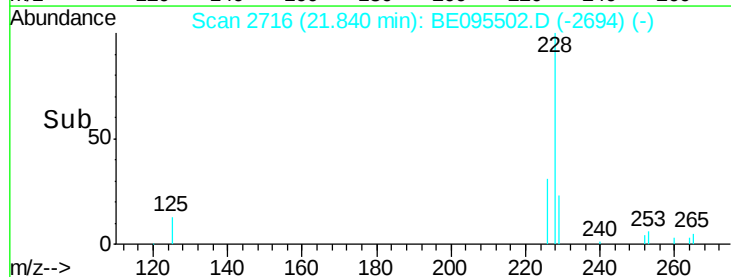
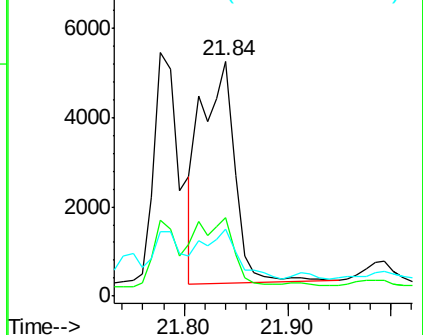
229 28.2 17.7 26.5#

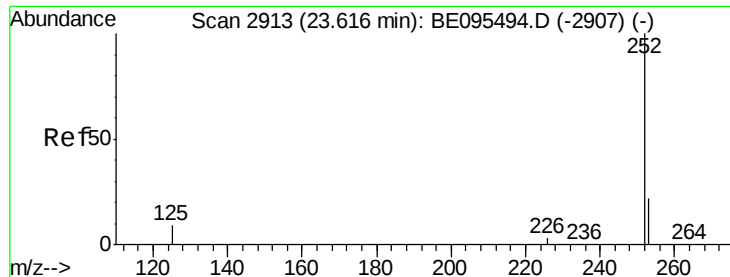


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.104 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

Instrument :

BNA_E

ClientSampleId :

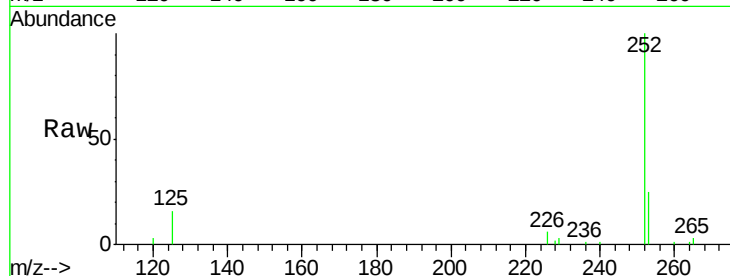
Tot Ion:252 Resp: 30735

Ion Ratio Lower Upper

252 100

253 25.0 0.0 64.2

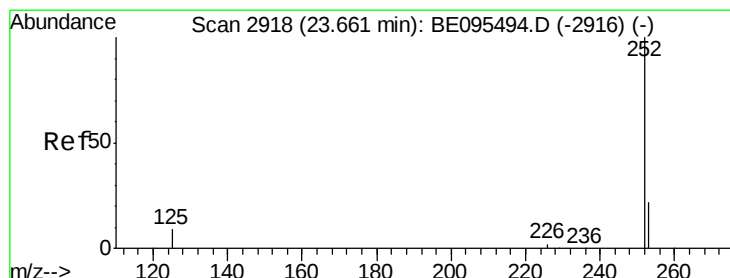
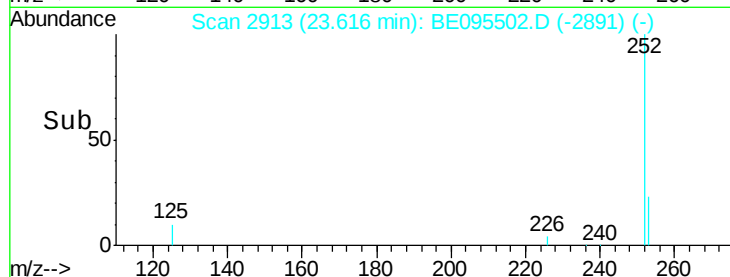
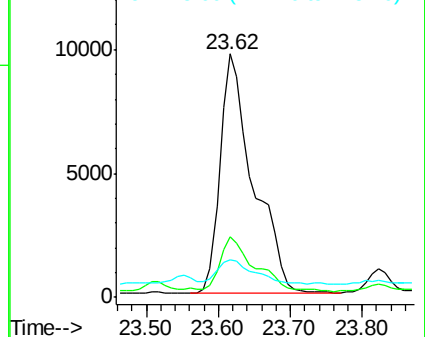
125 15.6 0.0 35.0



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: 1.207 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

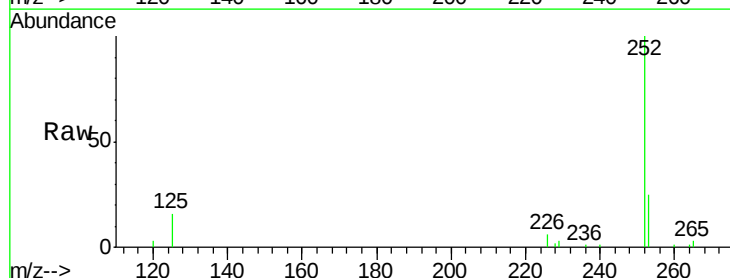
Tgt Ion:252 Resp: 30735

Ion Ratio Lower Upper

252 100

253 25.0 24.5 36.7

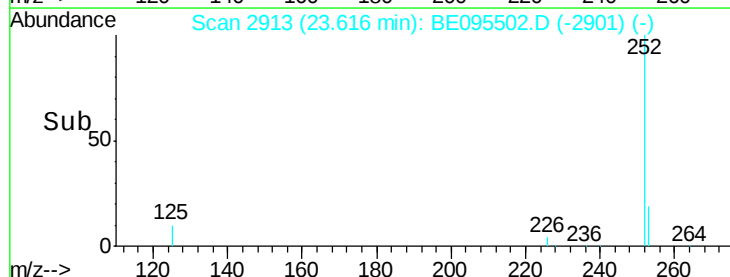
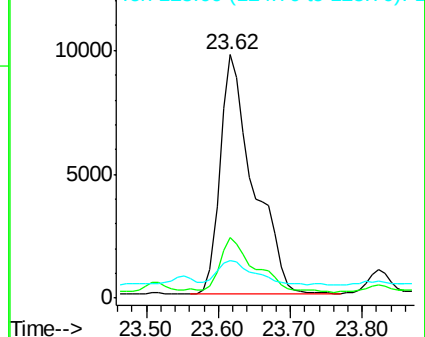
125 15.6 13.7 20.5

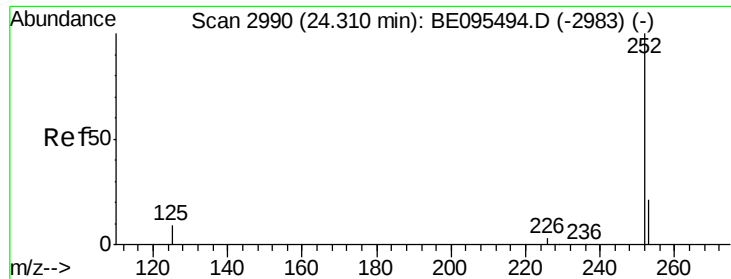


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.269 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

Instrument :

BNA_E

ClientSampleId :

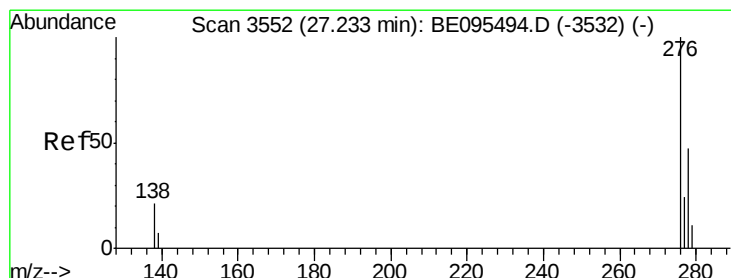
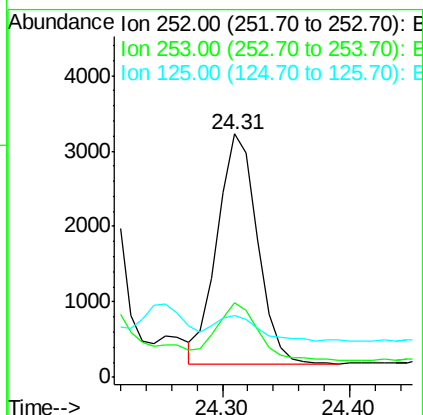
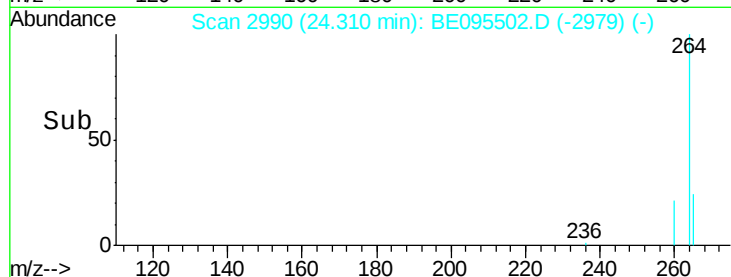
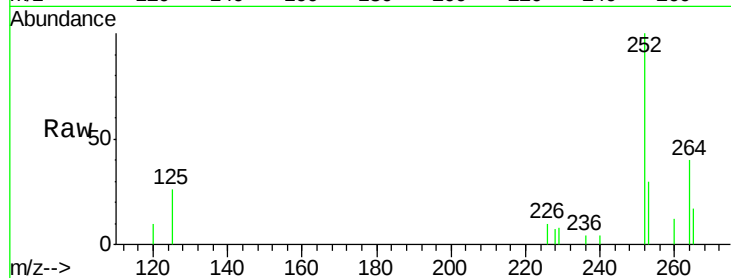
Tot Ion:252 Resp: 6682

Ion Ratio Lower Upper

252 100

253 30.4 28.5 42.7

125 25.7 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.320 ng/ul

RT: 27.24 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BE095502.D

Acq: 5 Feb 2018 21:57

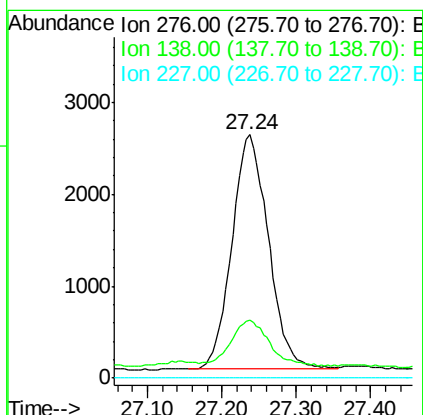
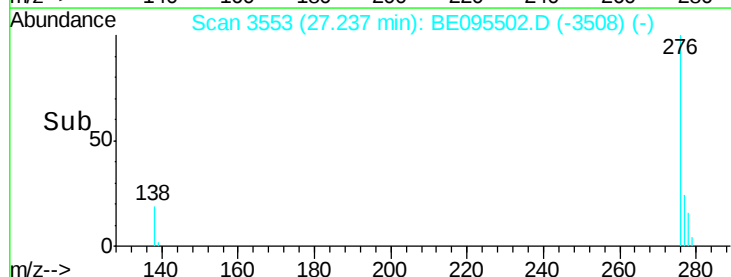
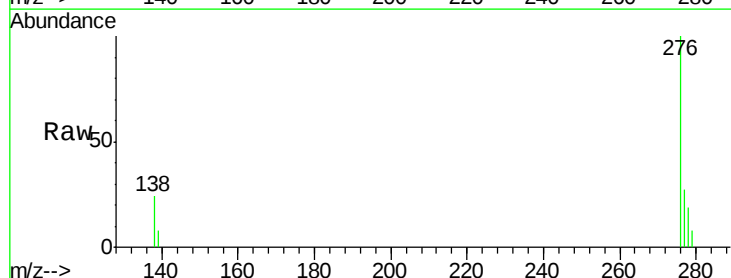
Tgt Ion:276 Resp: 8720

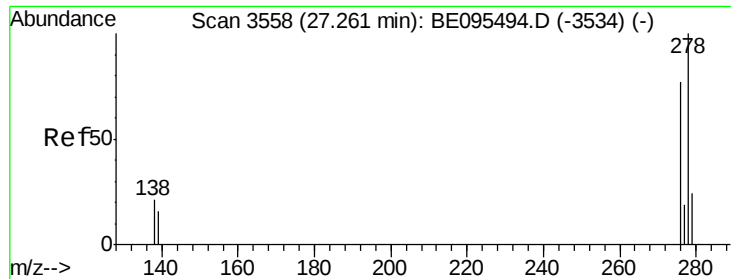
Ion Ratio Lower Upper

276 100

138 20.6 28.0 42.0#

227 0.0 8.0 12.0#

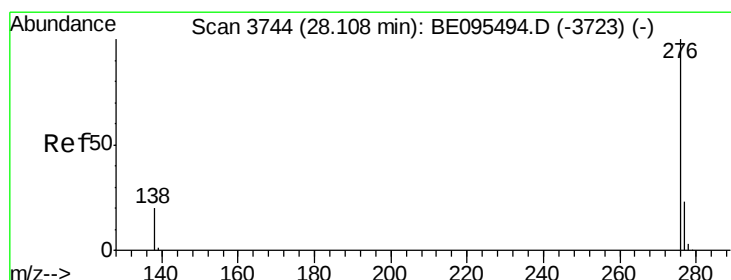
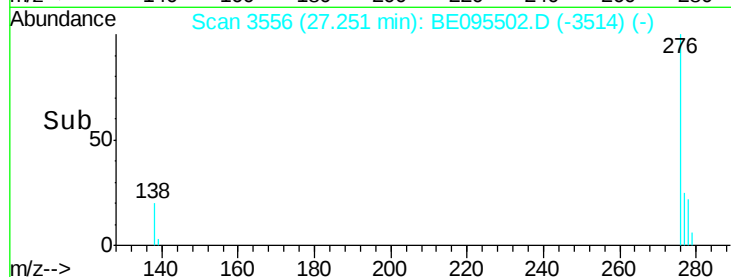
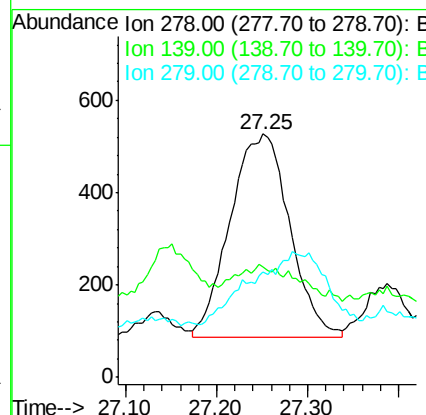
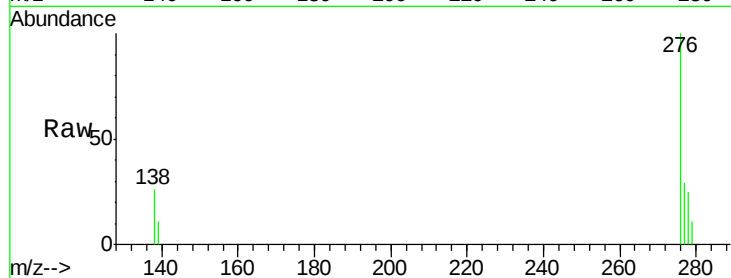




#25
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 27.25 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1992
Ion Ratio Lower Upper
278 100
139 45.4 17.4 26.0#
279 43.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 28.11 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:276 Resp: 9271
Ion Ratio Lower Upper
276 100
138 24.3 21.8 32.8
277 27.5 20.5 30.7

