

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095428.D
 Acq On : 3 Feb 2018 9:38
 Operator : SJ/JU
 Sample : J1295-13DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 05 01:50:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 01:47:56 2018
 Response via : Initial Calibration

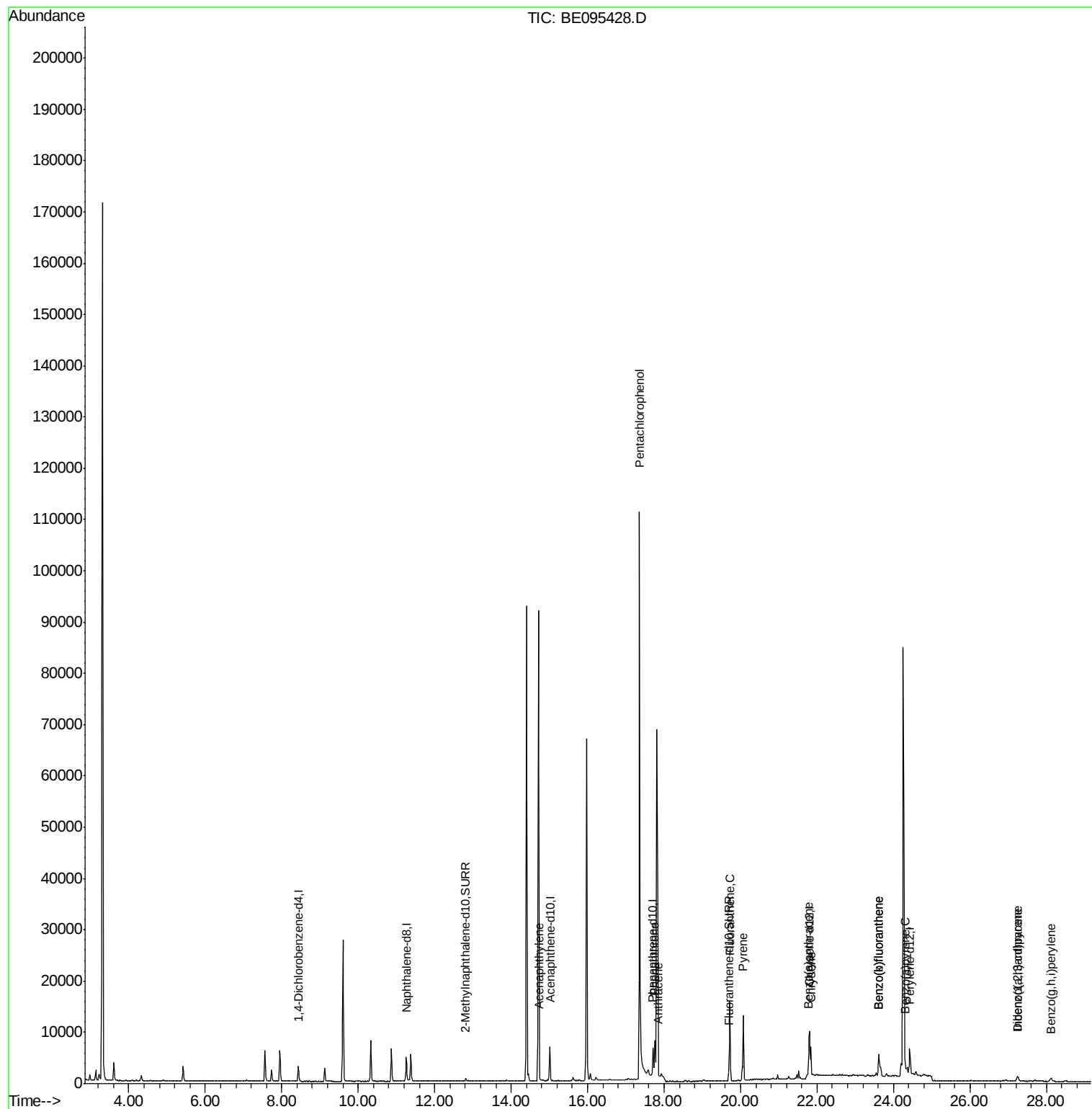
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1982	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6198	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7997	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7894	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	8230	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	787	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1948	0.06	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	645	0.036	ng/ul#	65
11) Pentachlorophenol	17.36	266	70540	45.541	ng/ul	97
12) Phenanthrene	17.75	178	7987	0.297	ng/ul#	91
13) Anthracene	17.84	178	1416	0.058	ng/ul	94
15) Fluoranthene	19.72	202	17532	0.503	ng/ul	84
17) Pyrene	20.07	202	15708	0.593	ng/ul#	80
18) Benzo(a)anthracene	21.78	228	2816	0.114	ng/ul#	89
19) Chrysene	21.84	228	7054	0.275	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	10121	0.349	ng/ul	92
22) Benzo(k)fluoranthene	23.62	252	10121	0.381	ng/ul	93
23) Benzo(a)pyrene	24.31	252	839	0.032	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	27.24	276	2120	0.075	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.27	278	543	0.023	ng/ul#	40
26) Benzo(g,h,i)perylene	28.12	276	1675	0.070	ng/ul#	88

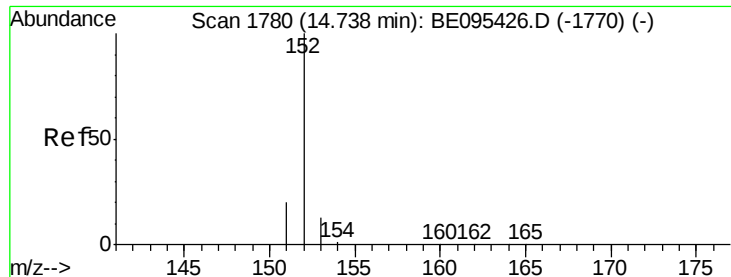
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

Instrument :

BNA_E

ClientSampleId :

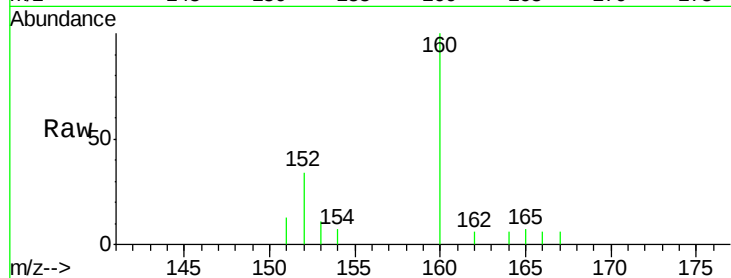
Tot Ion:152 Resp: 645

Ion Ratio Lower Upper

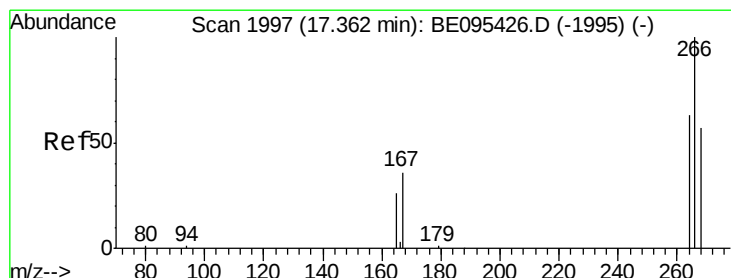
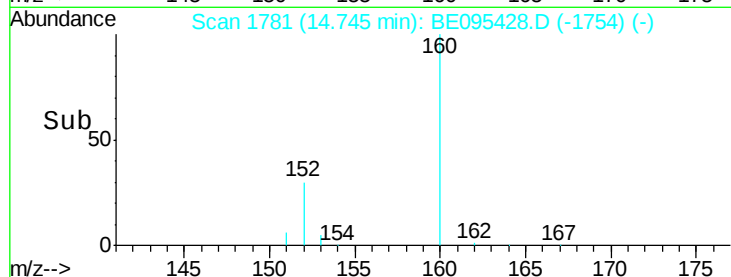
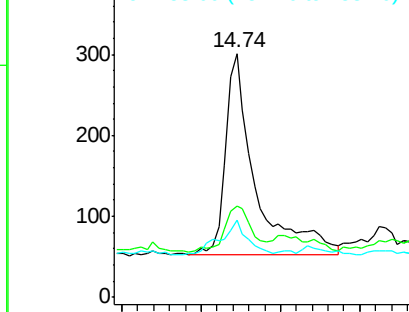
152 100

151 37.2 17.1 25.7#

153 31.9 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



#11

Pentachlorophenol

Concen: 45.541 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

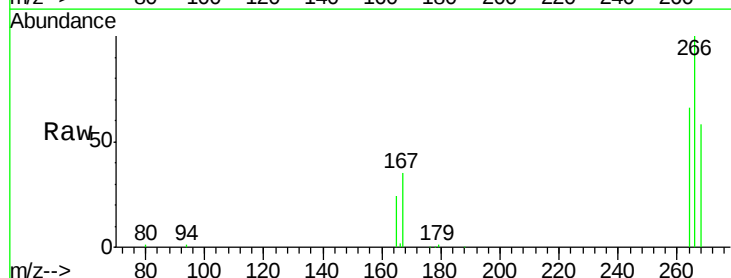
Tgt Ion:266 Resp: 70540

Ion Ratio Lower Upper

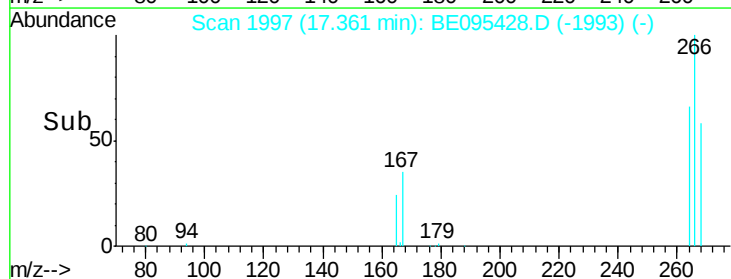
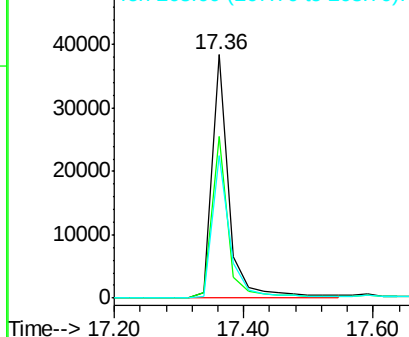
266 100

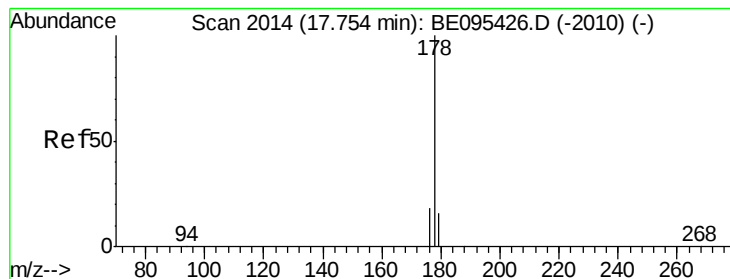
264 64.3 47.9 71.9

268 62.1 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: 0.297 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

Instrument :

BNA_E

ClientSampleId :

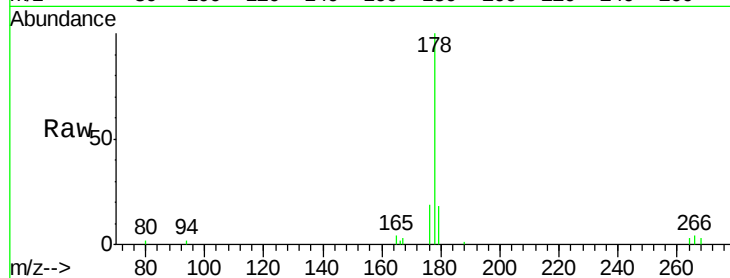
Tot Ion:178 Resp: 7987

Ion Ratio Lower Upper

178 100

179 17.5 18.4 27.6#

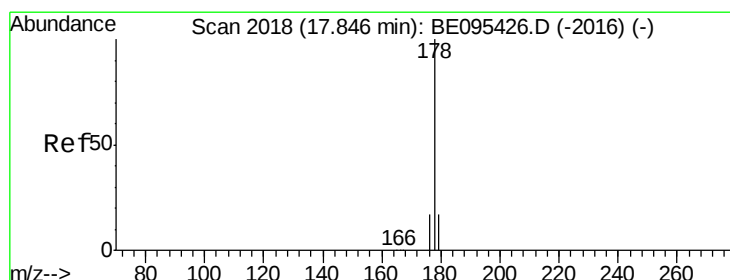
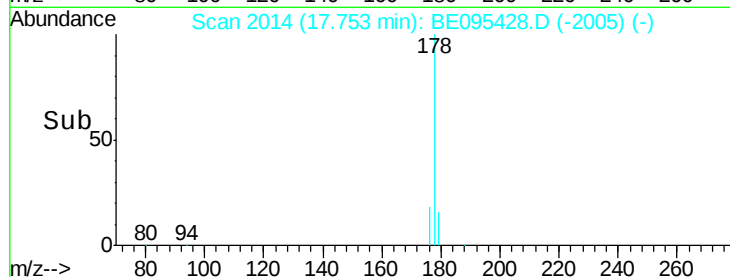
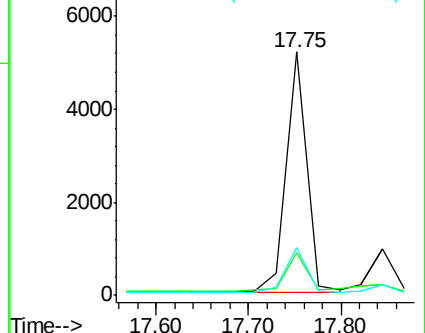
176 19.4 13.6 20.4



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: 0.058 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

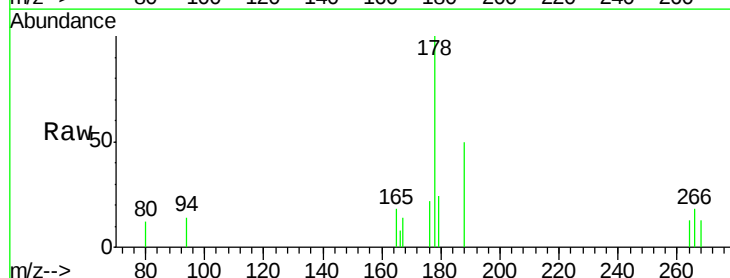
Tgt Ion:178 Resp: 1416

Ion Ratio Lower Upper

178 100

179 24.4 18.1 27.1

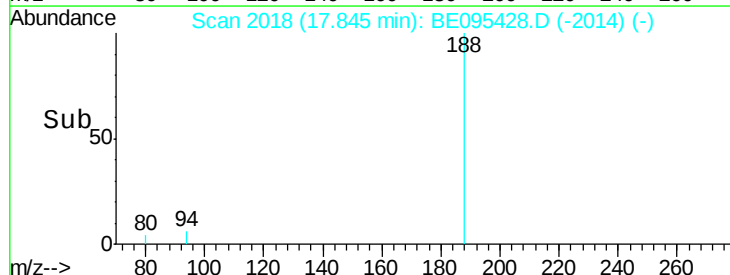
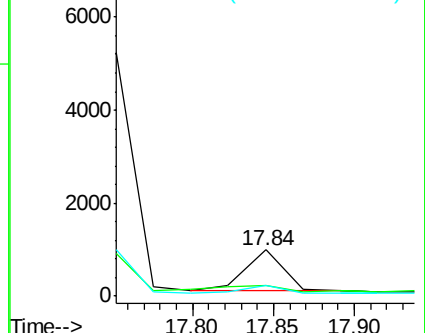
176 22.0 14.7 22.1

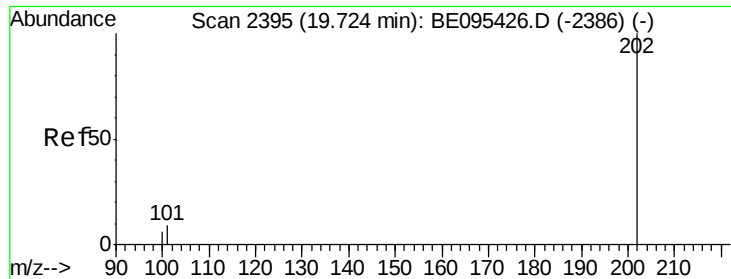


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.503 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

Instrument :

BNA_E

ClientSampleId :

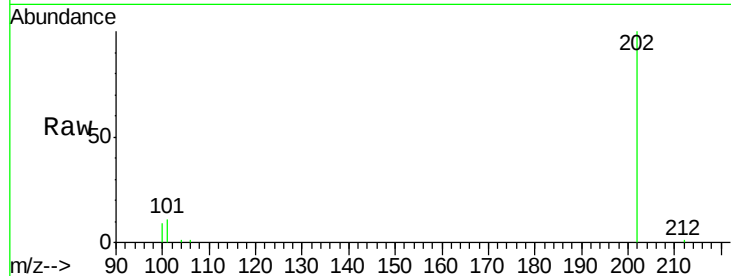
Tot Ion:202 Resp: 17532

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

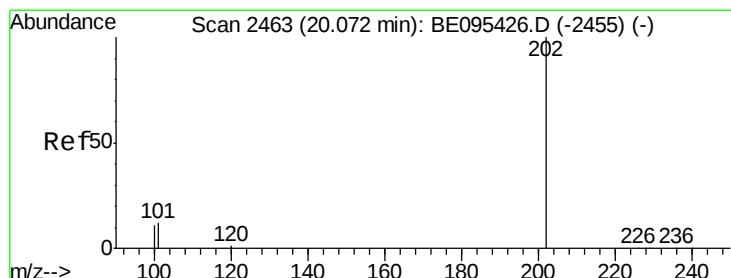
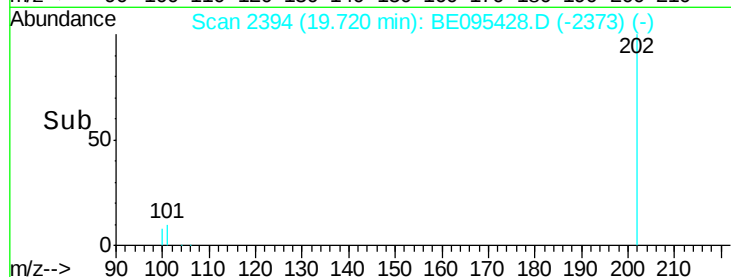
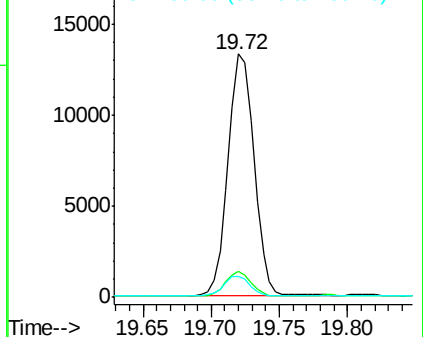
100 8.8 0.0 39.5



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: 0.593 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

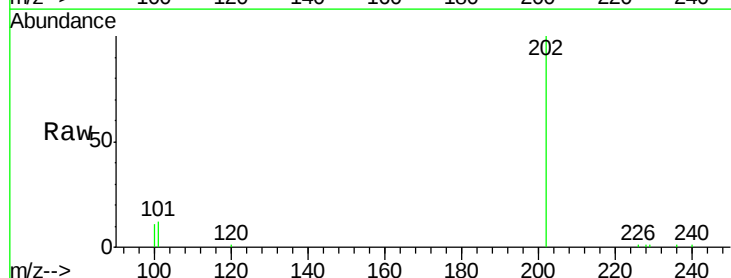
Tgt Ion:202 Resp: 15708

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

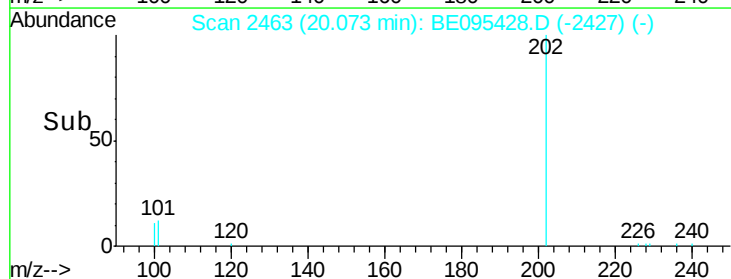
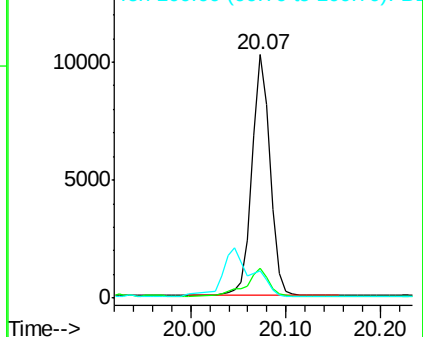
100 11.4 15.6 23.4#

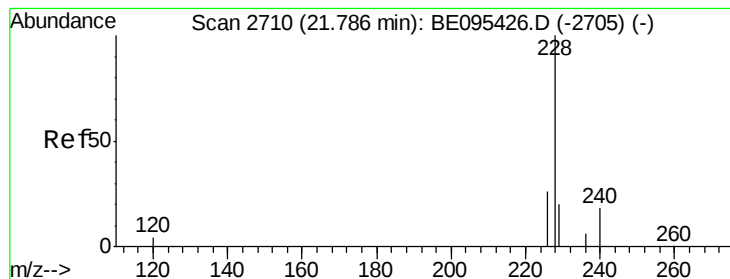


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.114 ng/ul

RT: 21.78 min Scan# 2708

Delta R.T. -0.01 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

Instrument :

BNA_E

ClientSampled :

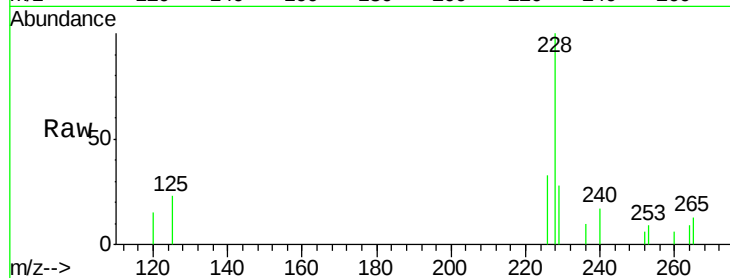
Tot Ion:228 Resp: 2816

Ion Ratio Lower Upper

228 100

229 27.9 22.8 34.2

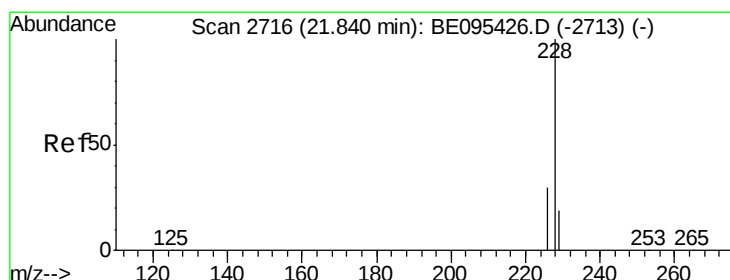
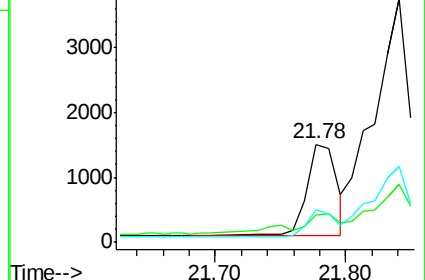
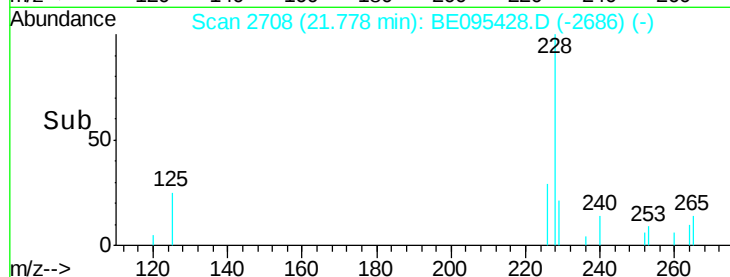
226 32.9 17.0 25.6#



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: 0.275 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

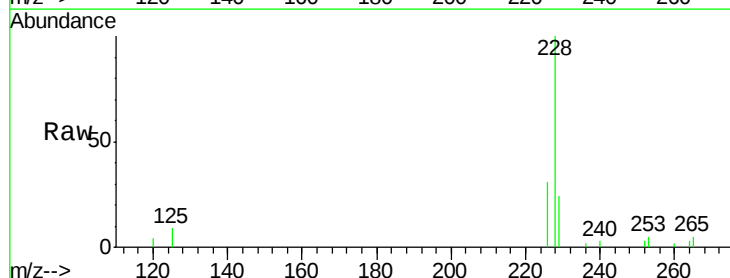
Tgt Ion:228 Resp: 7054

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

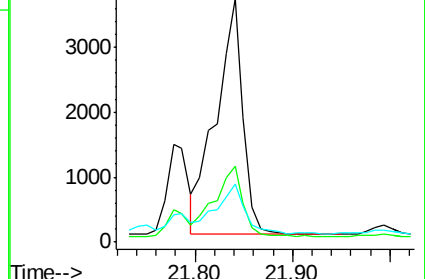
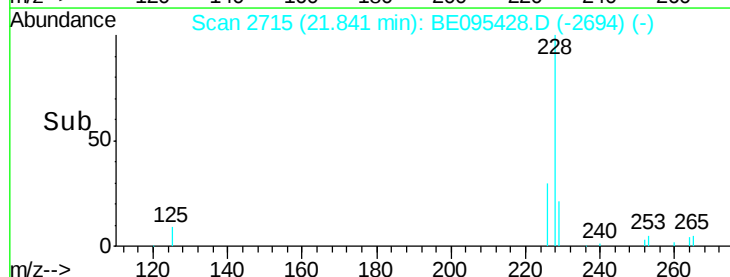
229 23.6 17.7 26.5

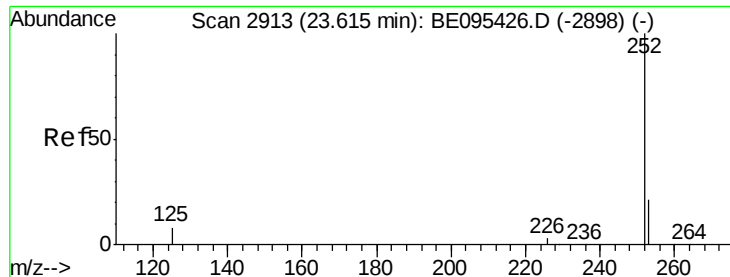


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

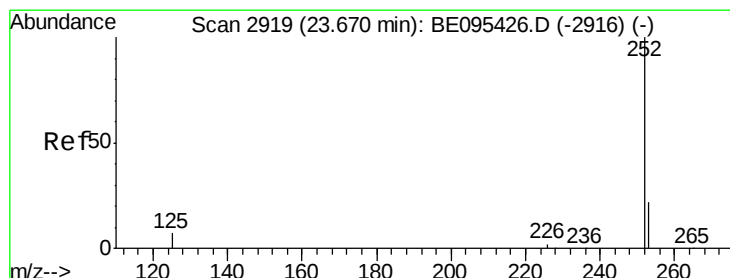
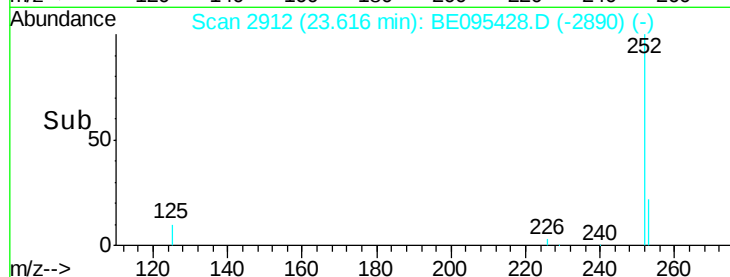
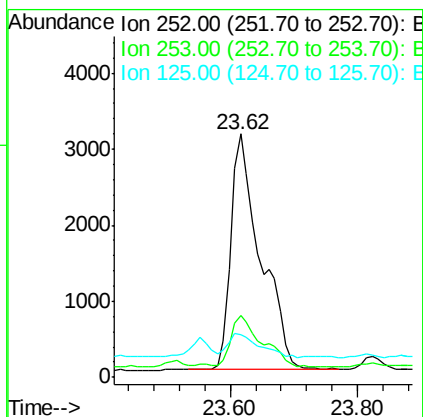
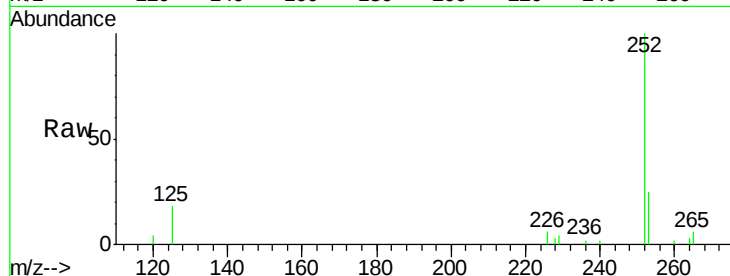




#21
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.62 min Scan# 2912
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

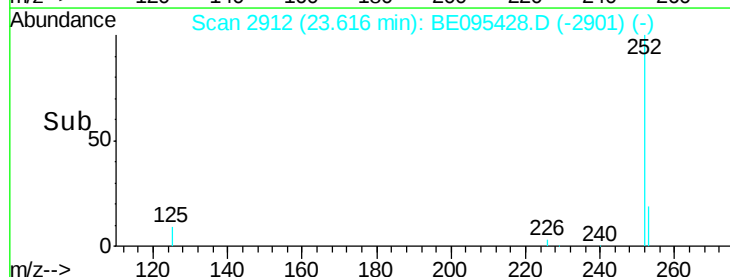
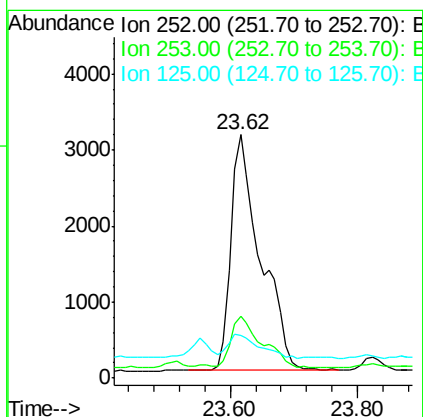
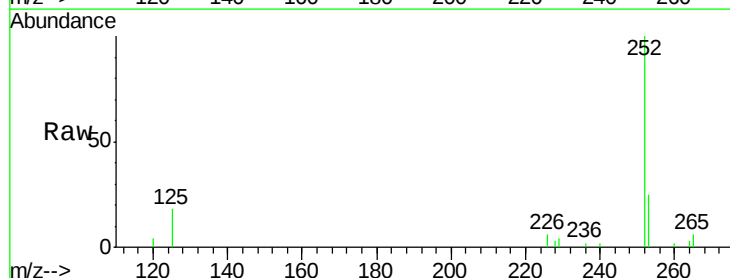
Instrument :
BNA_E
ClientSampleId :

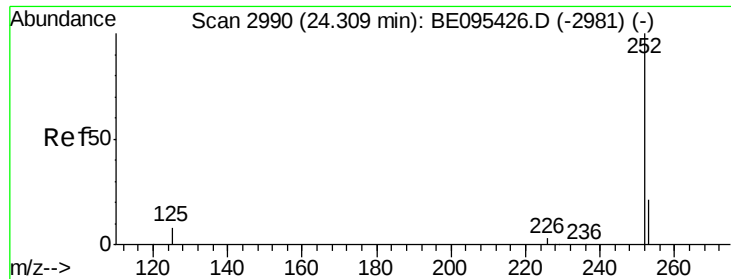
Tot Ion:252 Resp: 10121
Ion Ratio Lower Upper
252 100
253 25.5 0.0 64.2
125 17.7 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.62 min Scan# 2912
Delta R.T. -0.05 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:252 Resp: 10121
Ion Ratio Lower Upper
252 100
253 25.5 24.5 36.7
125 17.7 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.032 ng/ul

RT: 24.31 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

Instrument :

BNA_E

ClientSampleId :

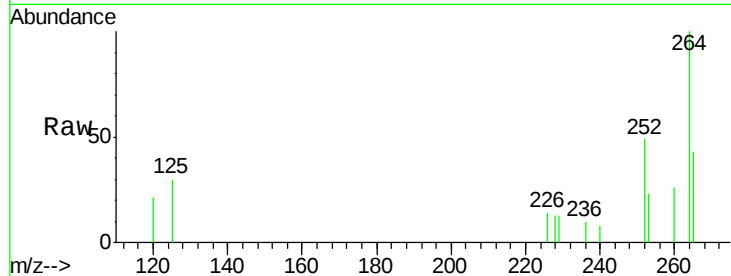
Tot Ion:252 Resp: 839

Ion Ratio Lower Upper

252 100

253 46.6 28.5 42.7#

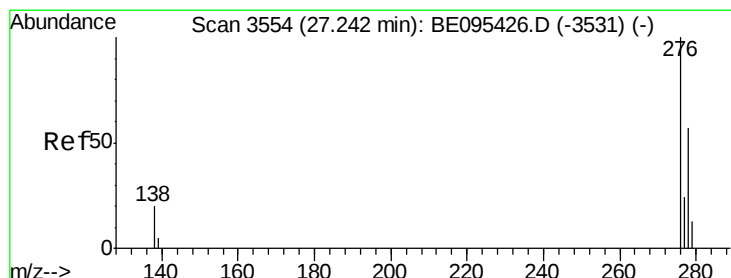
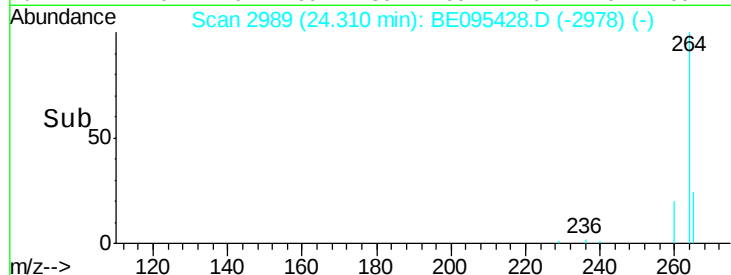
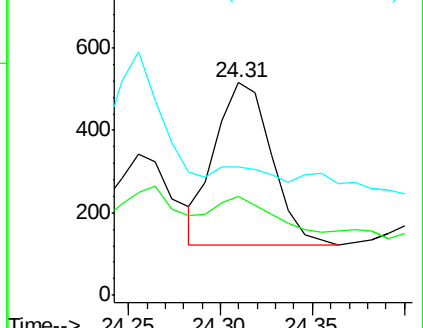
125 60.6 18.1 27.1#



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: 0.075 ng/ul

RT: 27.24 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

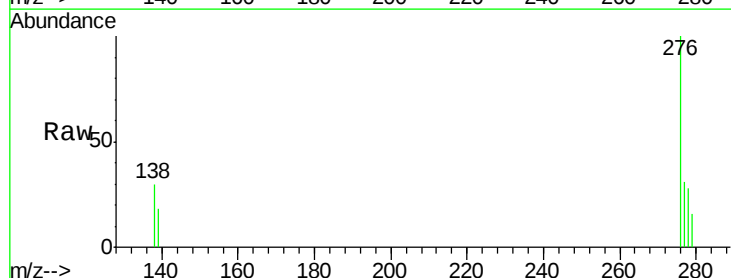
Tgt Ion:276 Resp: 2120

Ion Ratio Lower Upper

276 100

138 19.9 28.0 42.0#

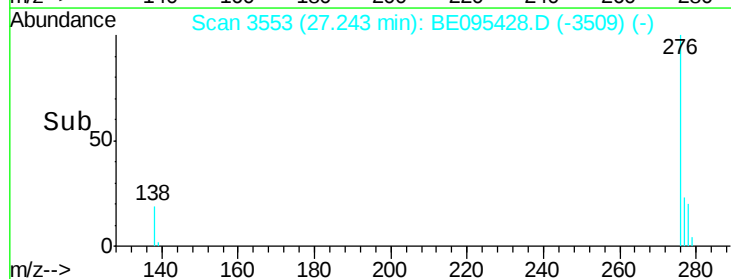
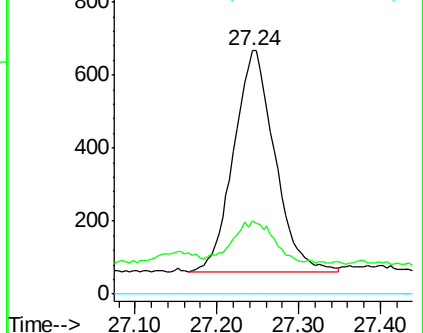
227 0.0 8.0 12.0#

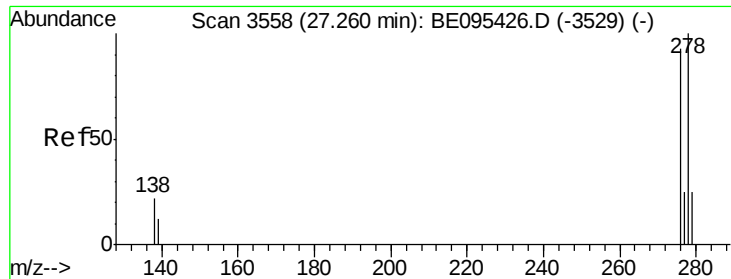


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 27.27 min Scan# 3558

Delta R.T. 0.01 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

Instrument :

BNA_E

ClientSampleId :

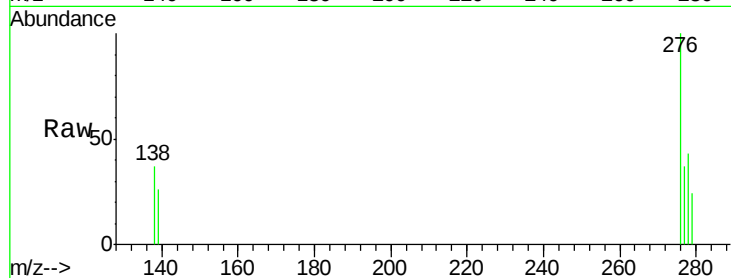
Tot Ion:278 Resp: 543

Ion Ratio Lower Upper

278 100

139 61.6 17.4 26.0#

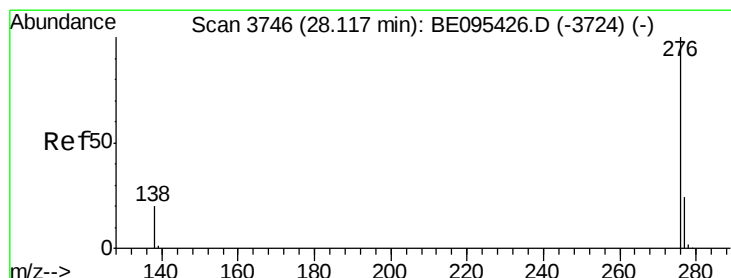
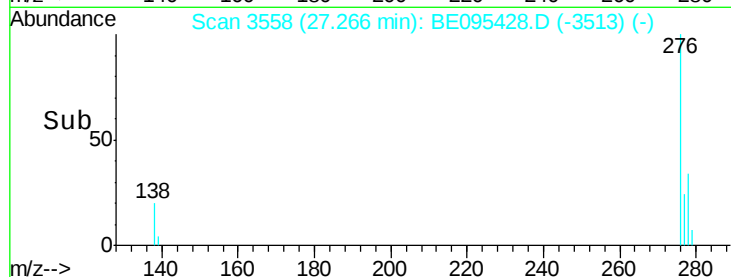
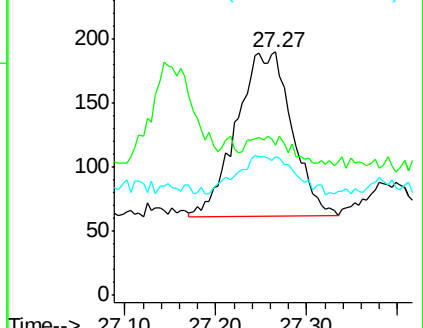
279 56.8 25.9 38.9#



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(g,h,i)perylene

Concen: 0.070 ng/ul

RT: 28.12 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BE095428.D

Acq: 3 Feb 2018 9:38

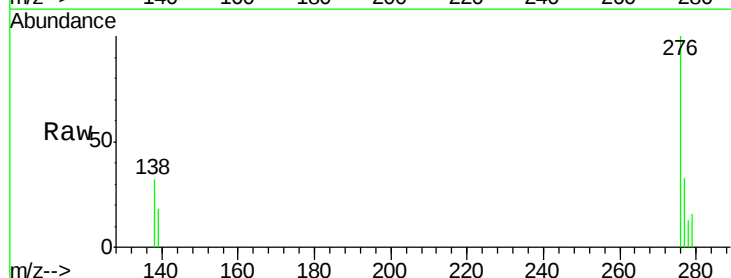
Tgt Ion:276 Resp: 1675

Ion Ratio Lower Upper

276 100

138 32.5 21.8 32.8

277 32.7 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

