

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021218\
 Data File : BE095653.D
 Acq On : 12 Feb 2018 9:35
 Operator : SJ/JU
 Sample : J1339-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 00:44:46 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 13 00:42:47 2018
 Response via : Initial Calibration

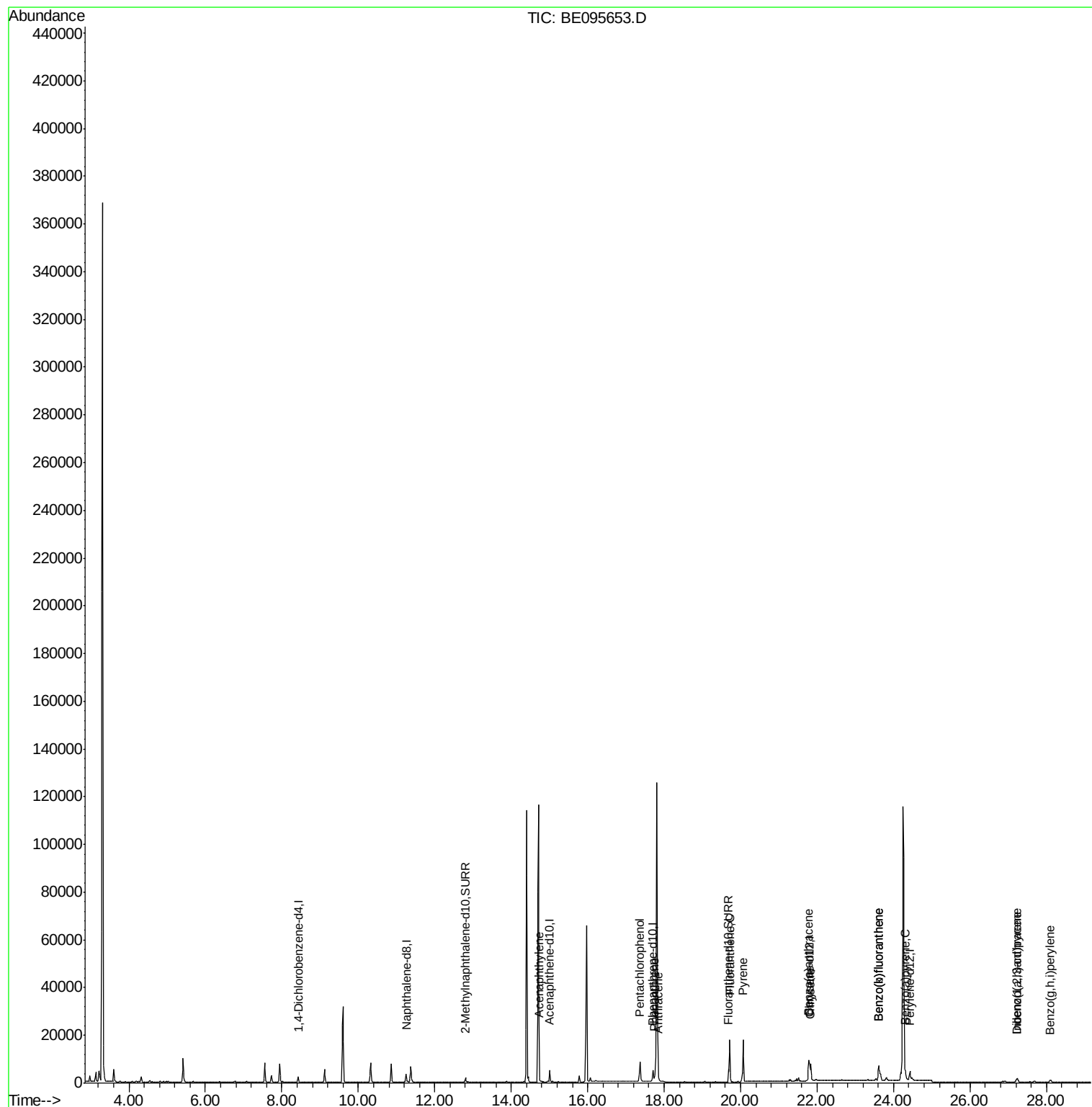
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1595	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4358	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6489	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6127	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	6562	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2127	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	5802	0.23	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	531	0.041	ng/ul#	75
11) Pentachlorophenol	17.36	266	5685	4.523	ng/ul	98
12) Phenanthrene	17.75	178	3303	0.151	ng/ul	95
13) Anthracene	17.85	178	1667	0.083	ng/ul	97
15) Fluoranthene	19.72	202	20216	0.715	ng/ul	82
17) Pyrene	20.07	202	23428	1.140	ng/ul#	77
18) Benzo(a)anthracene	21.78	228	9680	0.505	ng/ul#	86
19) Chrysene	21.83	228	7939	0.399	ng/ul	94
21) Benzo(b)fluoranthene	23.61	252	15053	0.650	ng/ul	88
22) Benzo(k)fluoranthene	23.61	252	15053	0.711	ng/ul#	90
23) Benzo(a)pyrene	24.31	252	4828	0.234	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.22	276	3016	0.133	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.24	278	733	0.040	ng/ul#	64
26) Benzo(g,h,i)perylene	28.10	276	2581	0.134	ng/ul	97

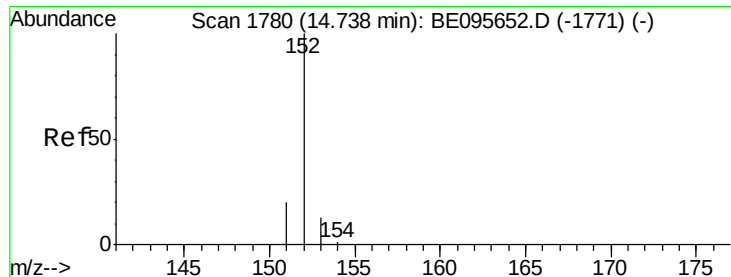
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Instrument :

BNA_E

ClientSampleId :

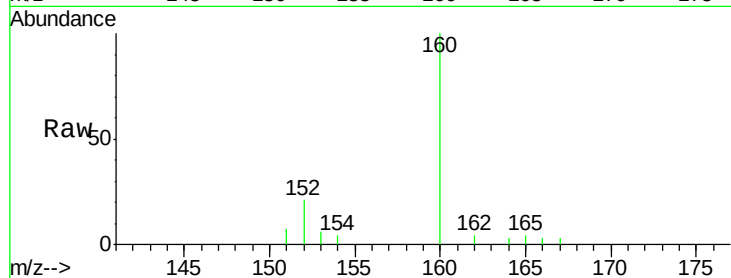
Tot Ion:152 Resp: 531

Ion Ratio Lower Upper

152 100

151 32.6 17.1 25.7#

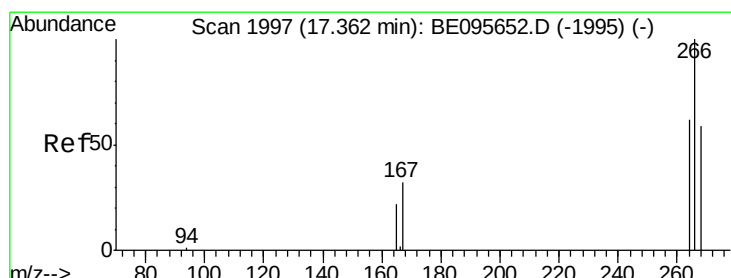
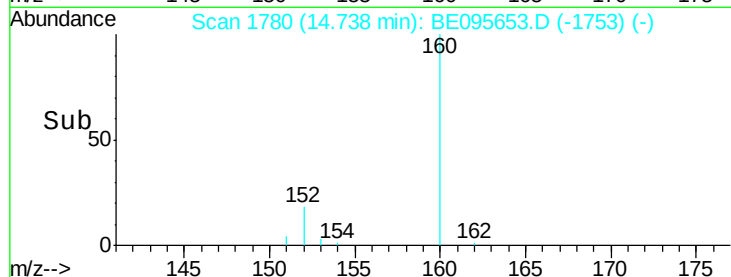
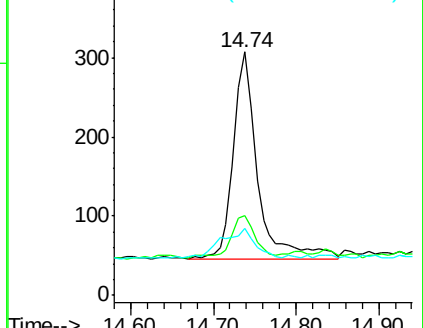
153 27.4 12.8 19.2#



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: 4.523 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

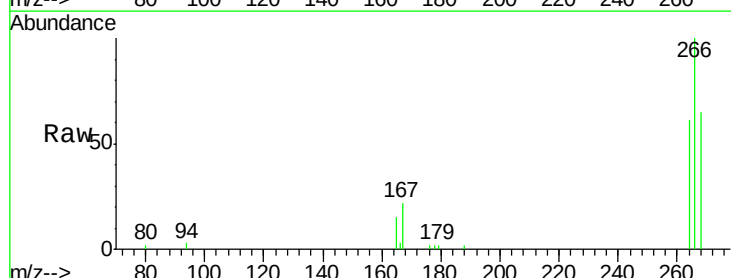
Tgt Ion:266 Resp: 5685

Ion Ratio Lower Upper

266 100

264 61.4 47.9 71.9

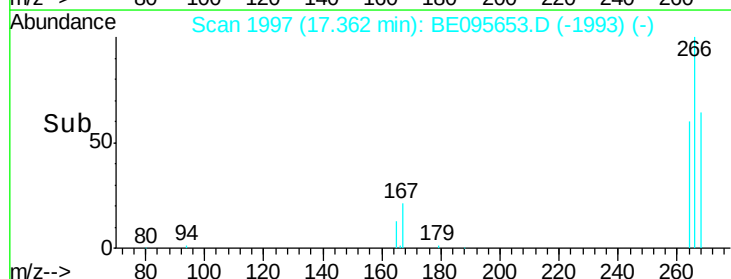
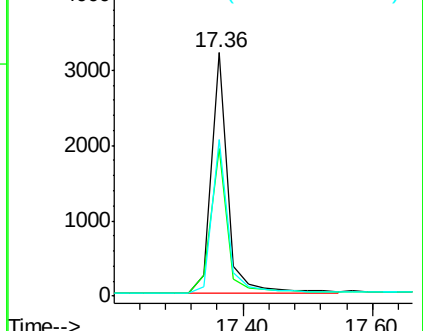
268 64.2 49.8 74.8

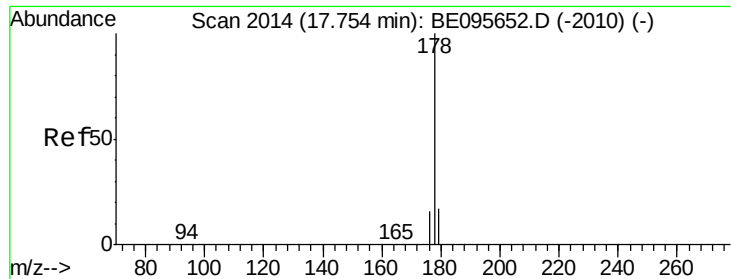


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.151 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Instrument :

BNA_E

ClientSampleId :

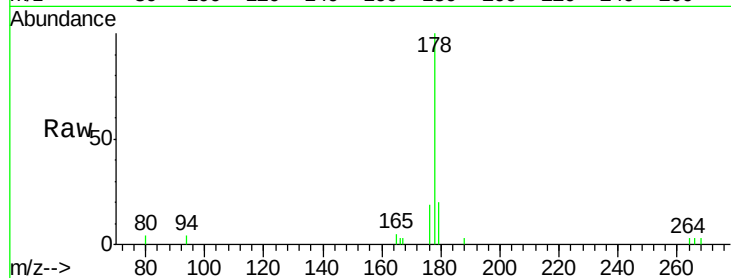
Tot Ion:178 Resp: 3303

Ion Ratio Lower Upper

178 100

179 20.4 18.4 27.6

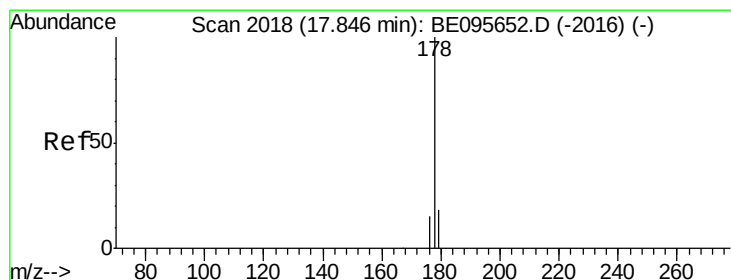
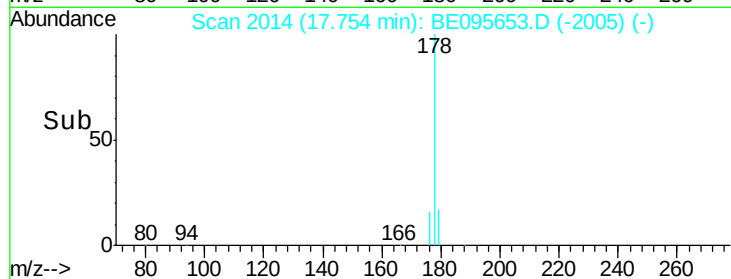
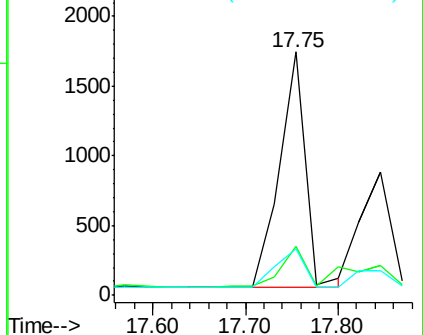
176 18.9 13.6 20.4



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: 0.083 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

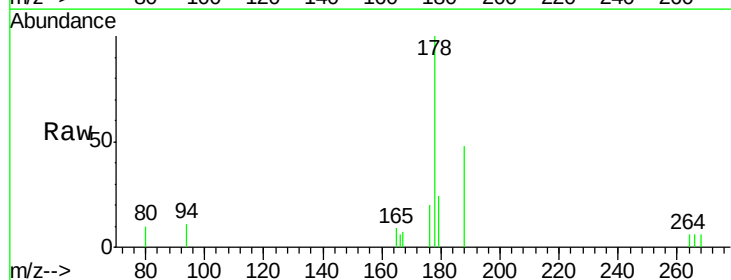
Tgt Ion:178 Resp: 1667

Ion Ratio Lower Upper

178 100

179 24.0 18.1 27.1

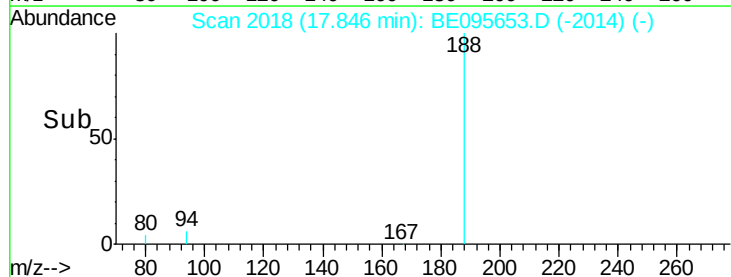
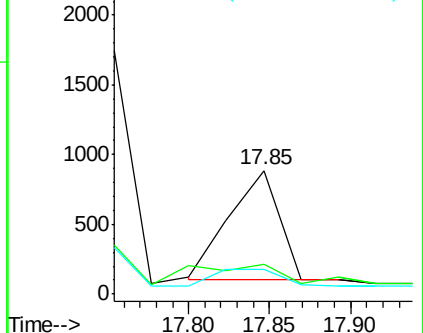
176 19.9 14.7 22.1

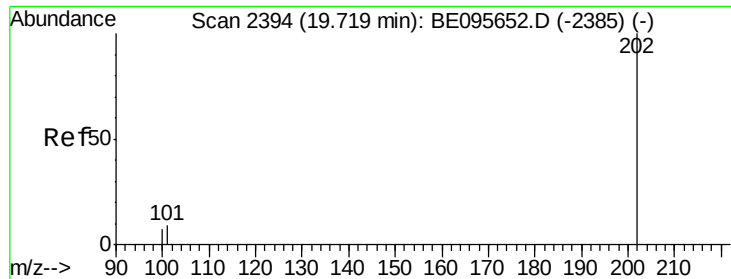


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.715 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Instrument :

BNA_E

ClientSampleId :

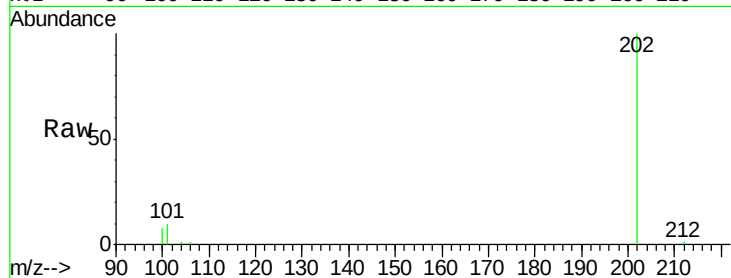
Tot Ion:202 Resp: 20216

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

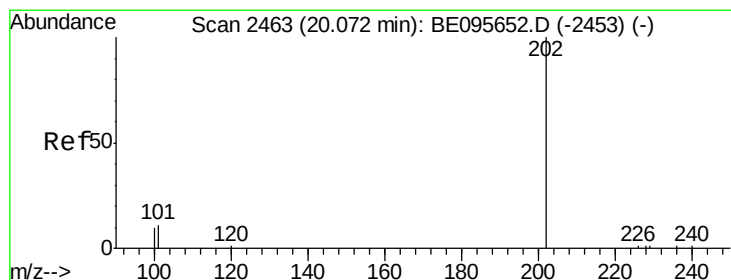
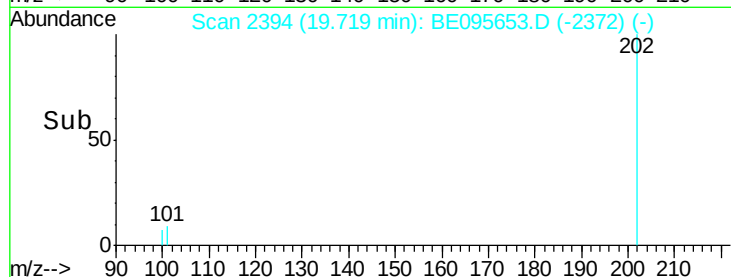
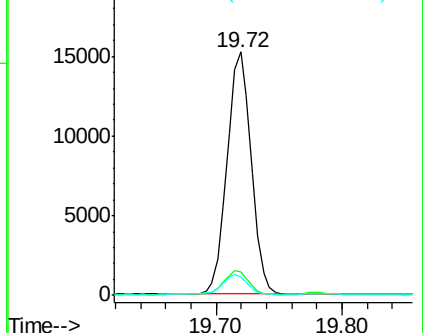
100 7.7 0.0 39.5



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: 1.140 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

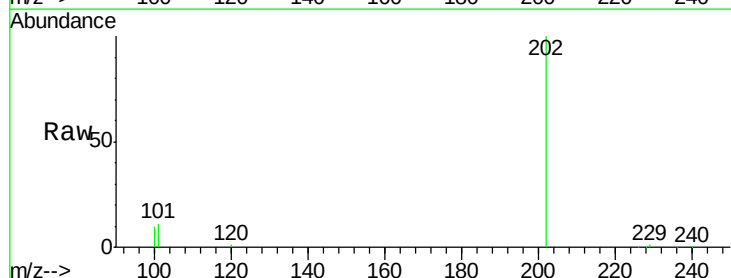
Tgt Ion:202 Resp: 23428

Ion Ratio Lower Upper

202 100

101 11.1 18.2 27.4#

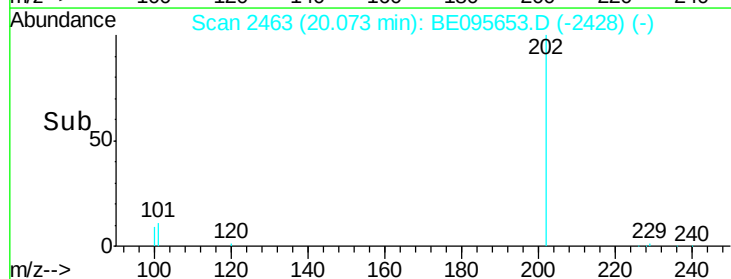
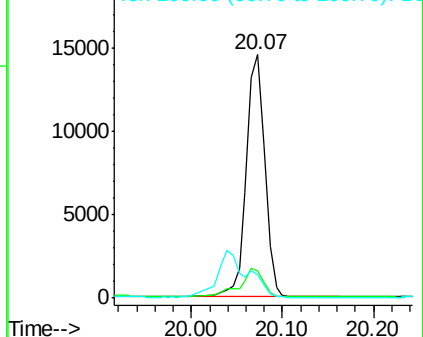
100 9.8 15.6 23.4#

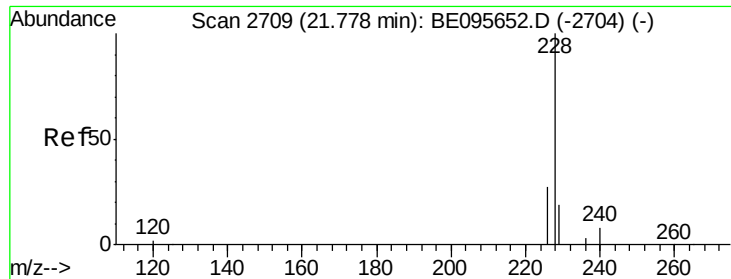


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.505 ng/ul

RT: 21.78 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Instrument :

BNA_E

ClientSampleId :

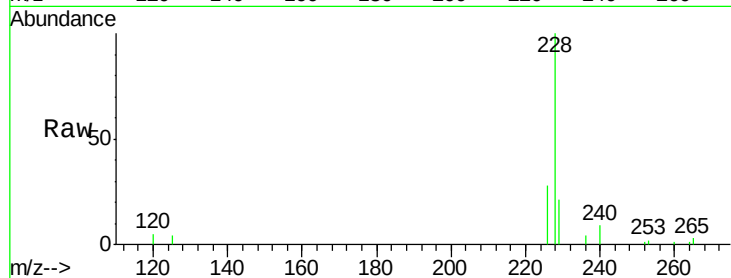
Tot Ion:228 Resp: 9680

Ion Ratio Lower Upper

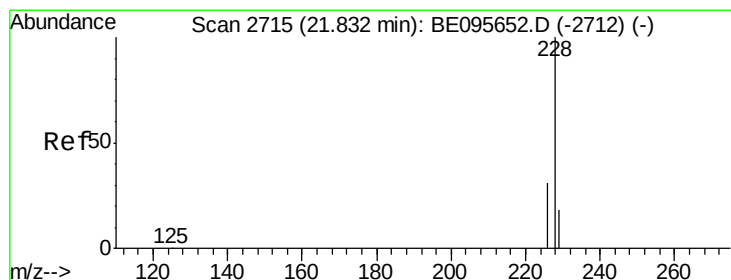
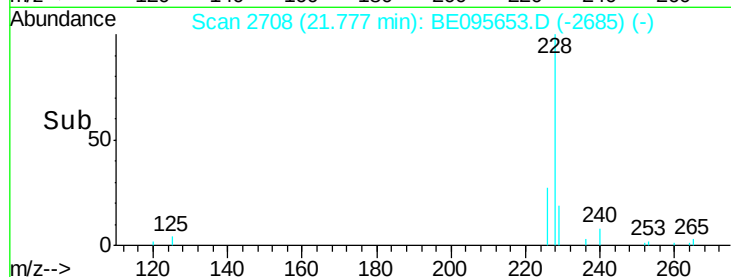
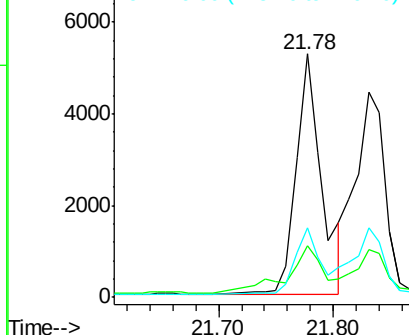
228 100

229 21.4 22.8 34.2#

226 28.3 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: 0.399 ng/ul

RT: 21.83 min Scan# 2714

Delta R.T. -0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

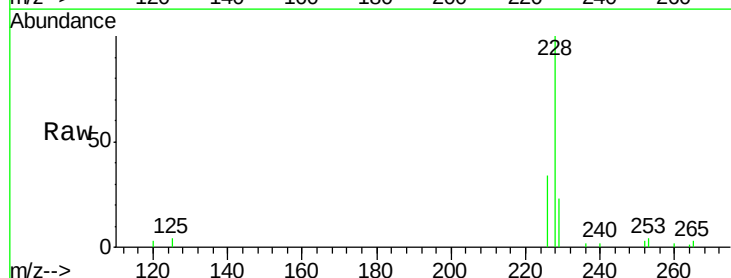
Tgt Ion:228 Resp: 7939

Ion Ratio Lower Upper

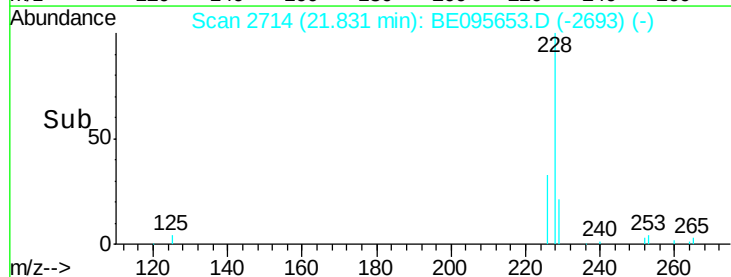
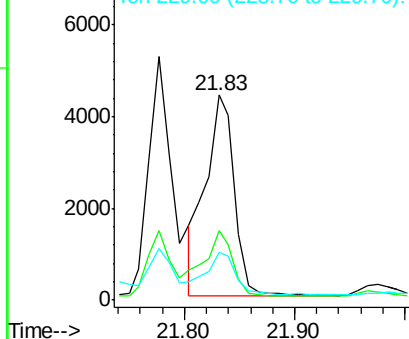
228 100

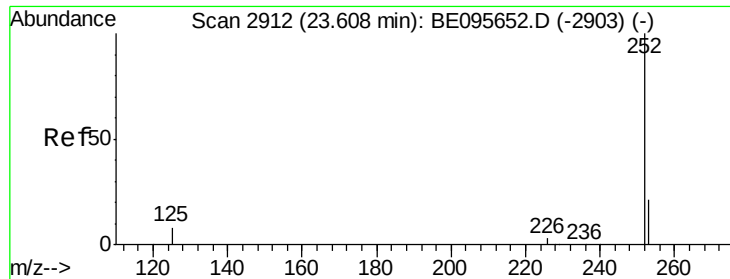
226 33.8 23.4 35.0

229 23.4 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: 0.650 ng/ul

RT: 23.61 min Scan# 2911

Delta R.T. -0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Instrument :

BNA_E

ClientSampleId :

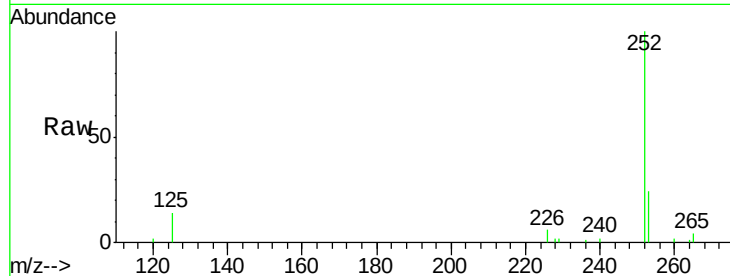
Tot Ion:252 Resp: 15053

Ion Ratio Lower Upper

252 100

253 24.4 0.0 64.2

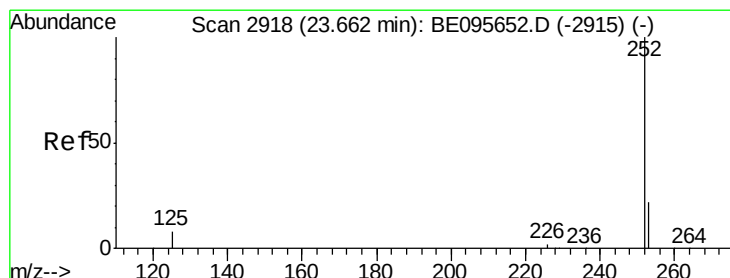
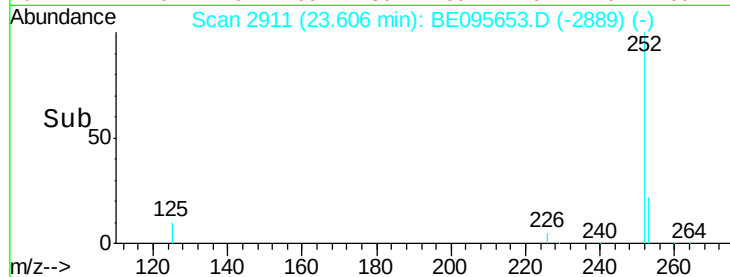
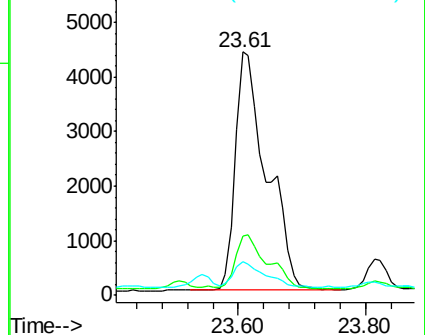
125 13.7 0.0 35.0



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: 0.711 ng/ul

RT: 23.61 min Scan# 2911

Delta R.T. -0.06 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

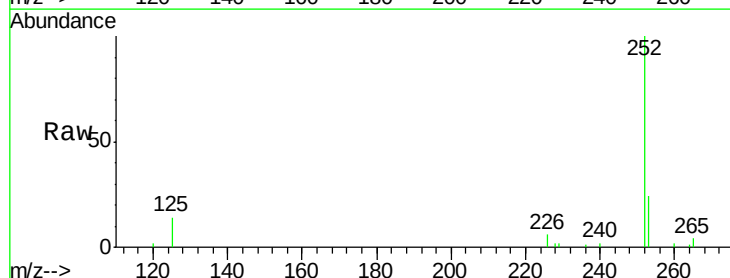
Tgt Ion:252 Resp: 15053

Ion Ratio Lower Upper

252 100

253 24.4 24.5 36.7#

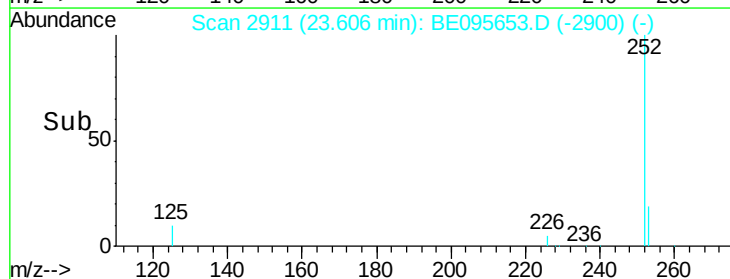
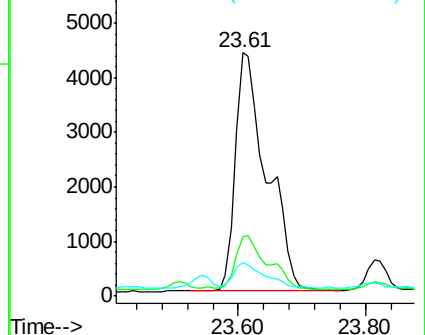
125 13.7 13.7 20.5

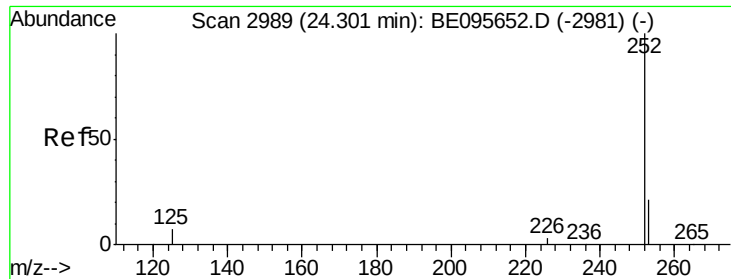


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.234 ng/ul

RT: 24.31 min Scan# 2989

Delta R.T. 0.01 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Instrument :

BNA_E

ClientSampleId :

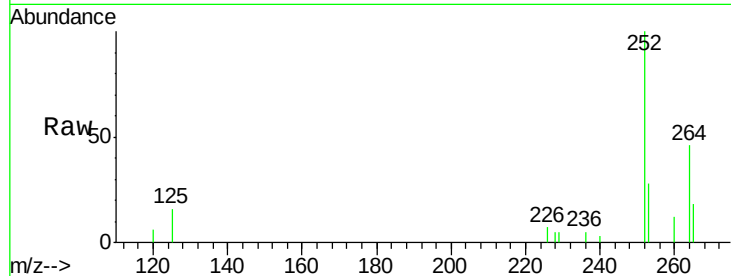
Tot Ion:252 Resp: 4828

Ion Ratio Lower Upper

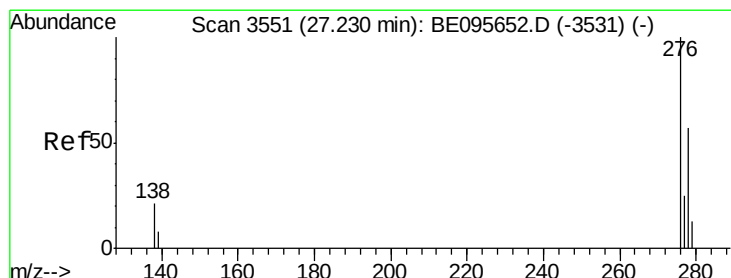
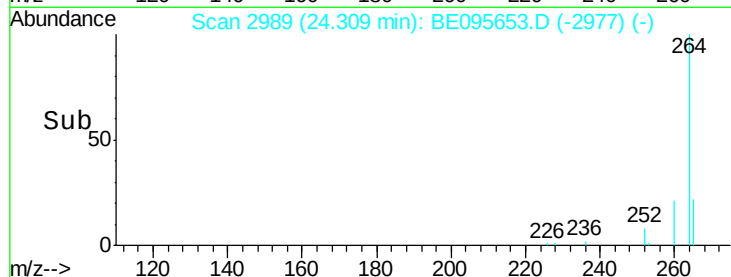
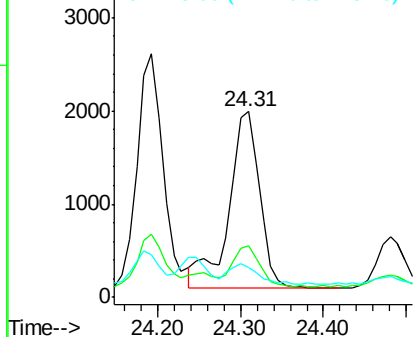
252 100

253 27.7 28.5 42.7#

125 15.9 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: 0.133 ng/ul

RT: 27.22 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

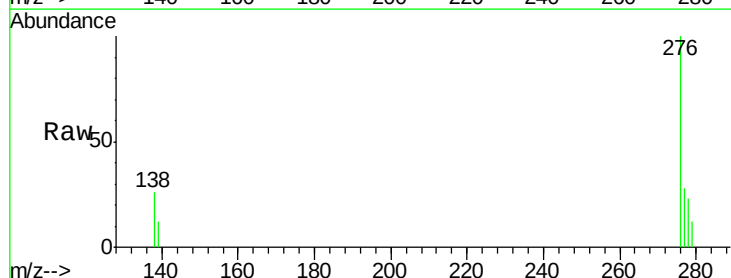
Tgt Ion:276 Resp: 3016

Ion Ratio Lower Upper

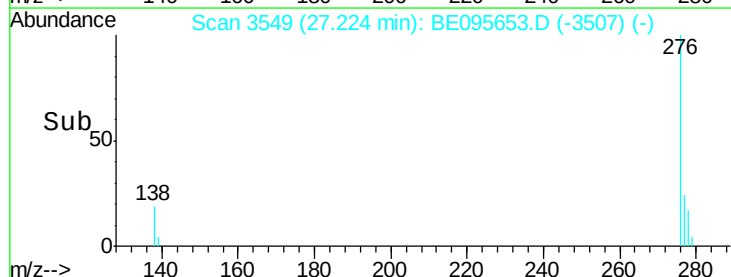
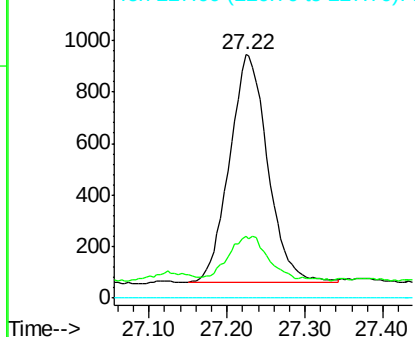
276 100

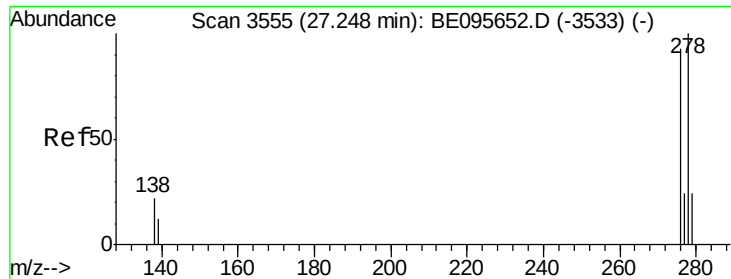
138 20.8 28.0 42.0#

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: 0.040 ng/ul

RT: 27.24 min Scan# 3552

Delta R.T. -0.01 min

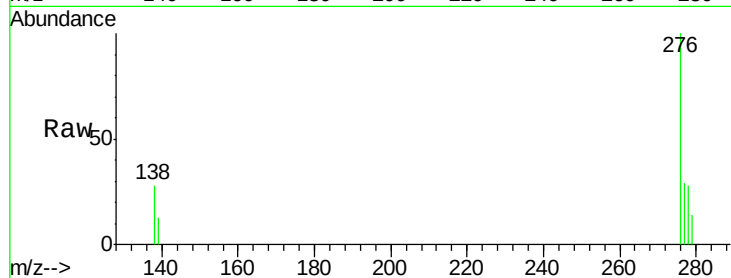
Lab File: BE095653.D

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Instrument :

BNA_E

ClientSampleId :



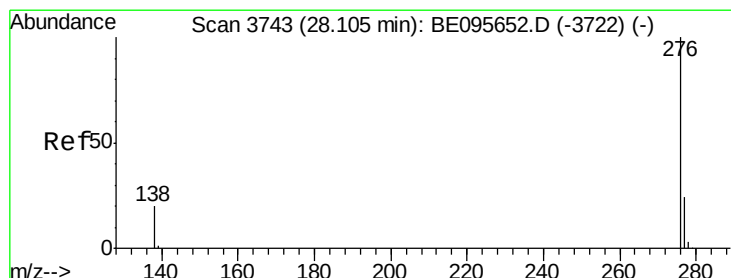
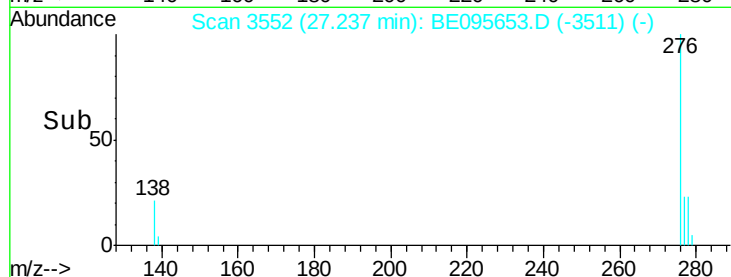
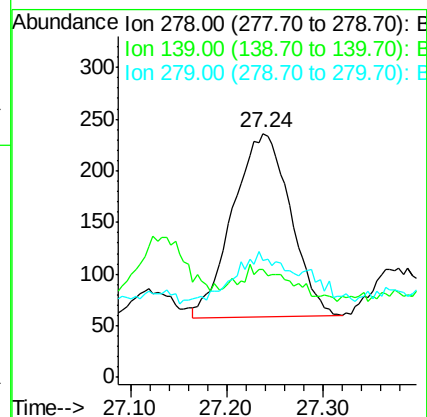
Tot Ion:278 Resp: 733

Ion Ratio Lower Upper

278 100

139 44.5 17.4 26.0#

279 47.9 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.134 ng/ul

RT: 28.10 min Scan# 3742

Delta R.T. -0.00 min

Lab File: BE095653.D

Acq: 12 Feb 2018 9:35

Tgt Ion:276 Resp: 2581

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.8

277 27.9 20.5 30.7

