

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095773.D
 Acq On : 14 Mar 2018 20:34
 Operator : SJ/JU
 Sample : J1813-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 03:10:41 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 03:09:28 2018
 Response via : Initial Calibration

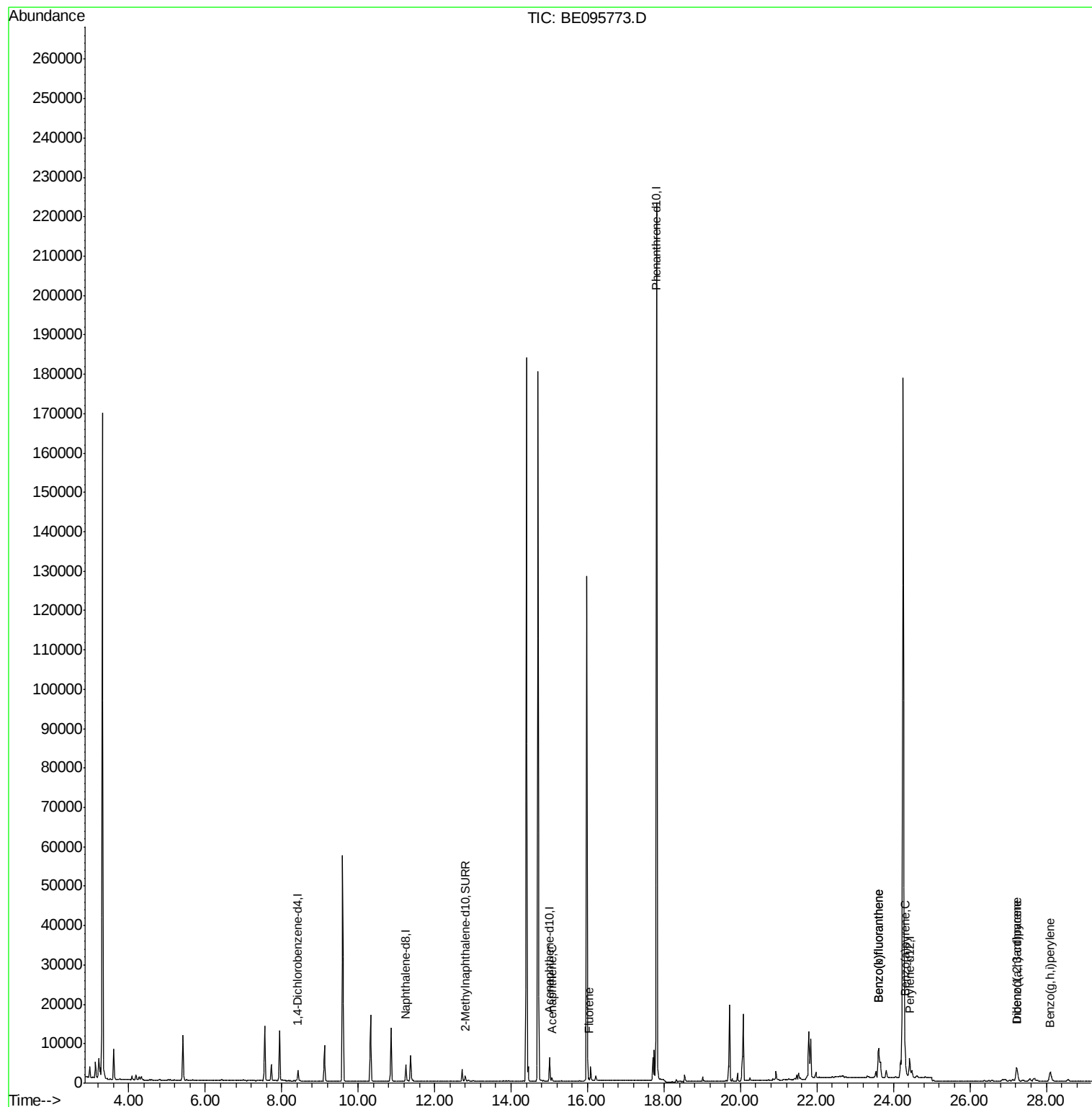
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1885	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5495	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	266114	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.79
20) Perylene-d12	24.42	264	7883	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	1638	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
8) Acenaphthene	15.07	153	512	0.040	ng/ul#	93
9) Fluorene	16.03	166	409	0.029	ng/ul#	83
21) Benzo(b)fluoranthene	23.61	252	19964	0.731	ng/ul	86
22) Benzo(k)fluoranthene	23.61	252	19964	0.769	ng/ul#	88
23) Benzo(a)pyrene	24.30	252	11155	0.447	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.22	276	6943	0.251	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.24	278	1685	0.076	ng/ul#	87
26) Benzo(g,h,i)perylene	28.10	276	6362	0.268	ng/ul	95

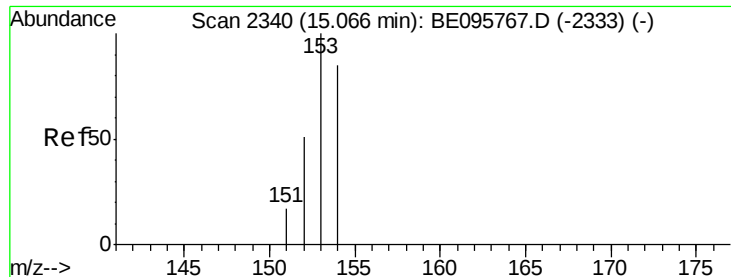
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.040 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095773.D

Acq: 14 Mar 2018 20:34

Instrument :

BNA_E

ClientSampleId :

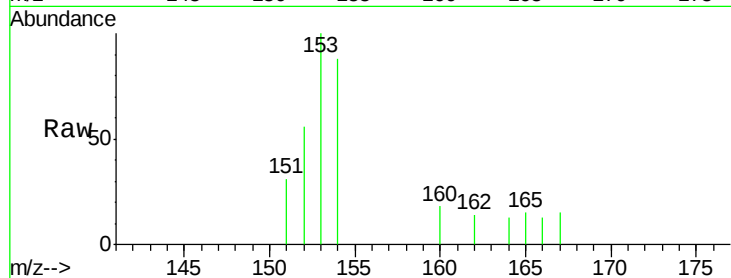
Tot Ion:153 Resp: 512

Ion Ratio Lower Upper

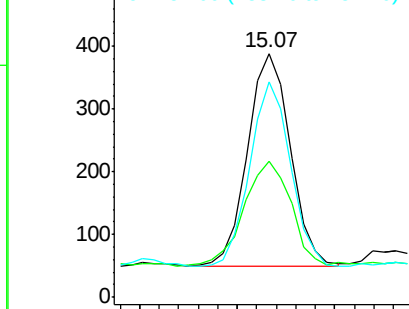
153 100

152 55.9 36.0 54.0#

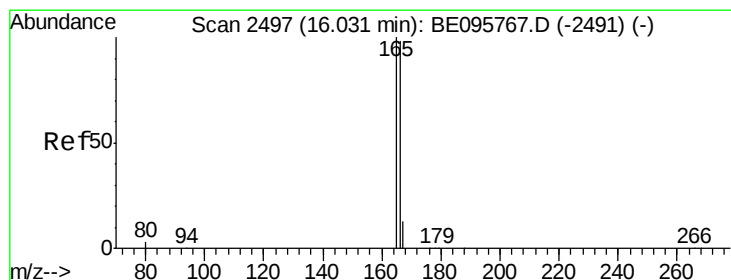
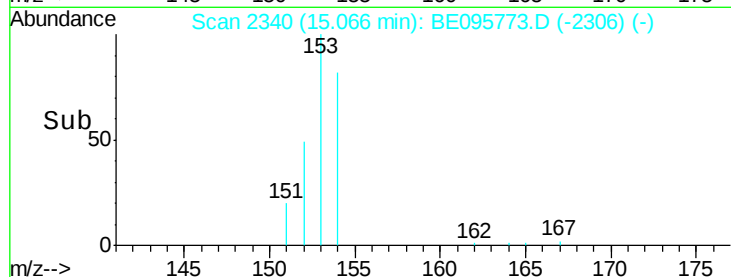
154 88.4 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.029 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BE095773.D

Acq: 14 Mar 2018 20:34

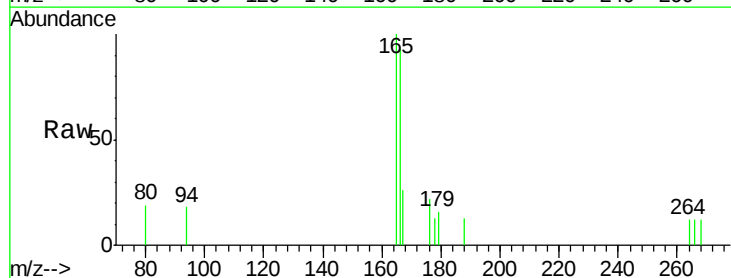
Tgt Ion:166 Resp: 409

Ion Ratio Lower Upper

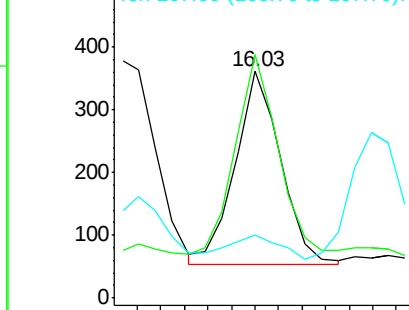
166 100

165 107.5 73.4 110.2

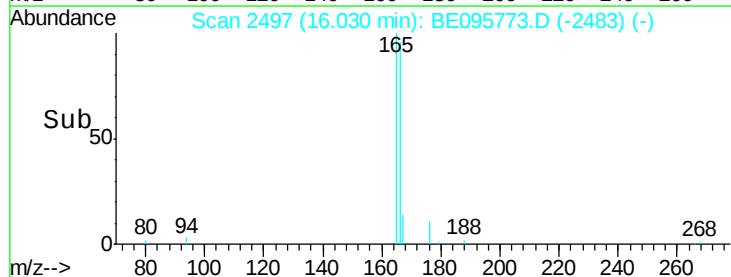
167 27.7 14.6 22.0#

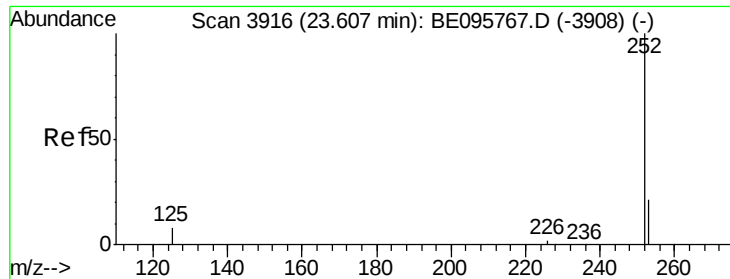


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#21

Benzo(b)fluoranthene

Concen: 0.731 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BE095773.D

Acq: 14 Mar 2018 20:34

Instrument :

BNA_E

ClientSampleId :

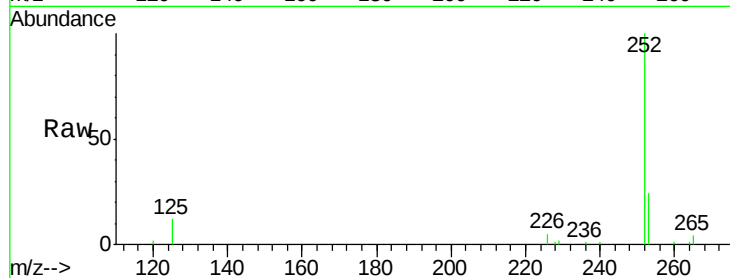
Tot Ion:252 Resp: 19964

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

125 12.2 0.0 35.0

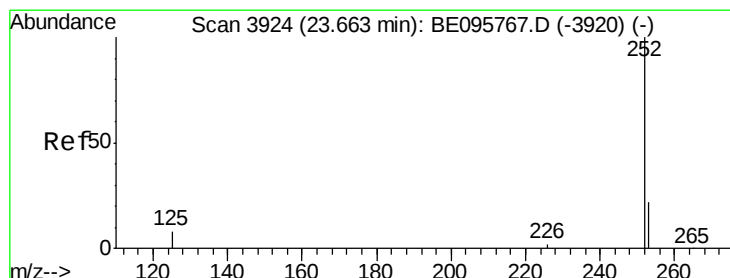
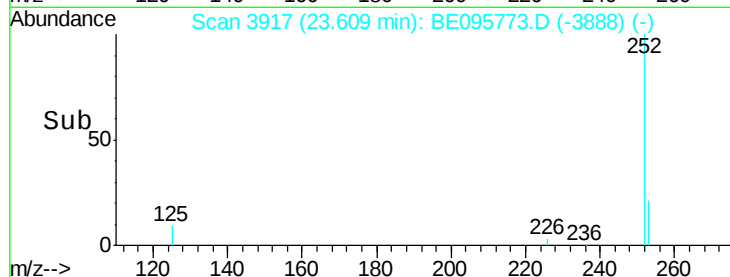
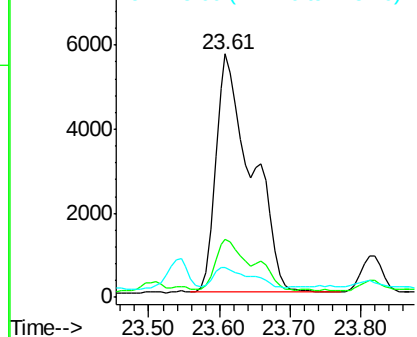


Abundance

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: 0.769 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. -0.05 min

Lab File: BE095773.D

Acq: 14 Mar 2018 20:34

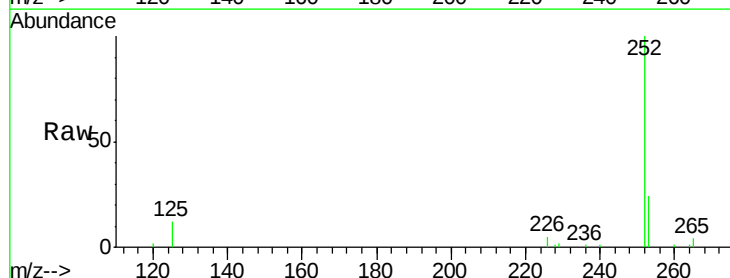
Tgt Ion:252 Resp: 19964

Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

125 12.2 13.7 20.5#

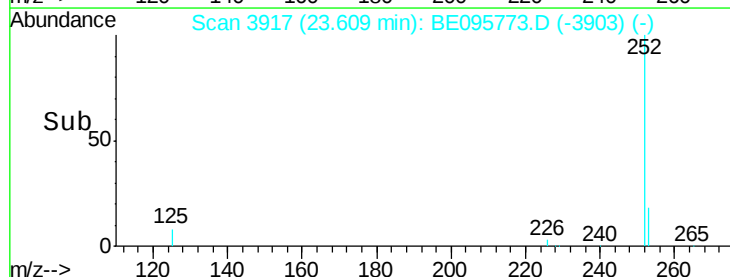
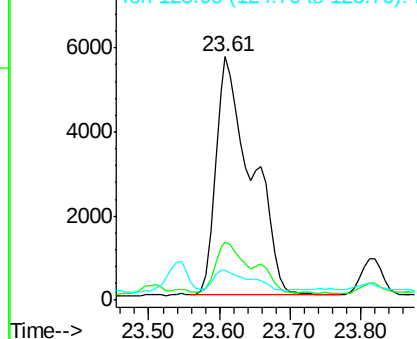


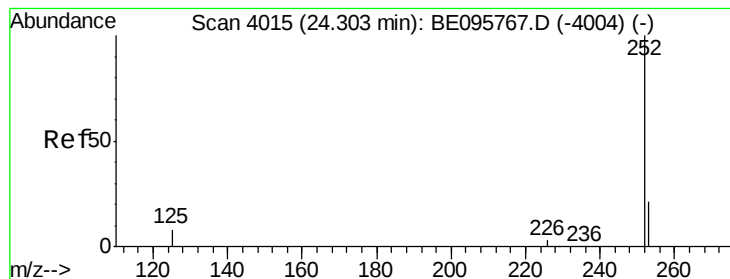
Abundance

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: 0.447 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. 0.00 min

Lab File: BE095773.D

Acq: 14 Mar 2018 20:34

Instrument :

BNA_E

ClientSampleId :

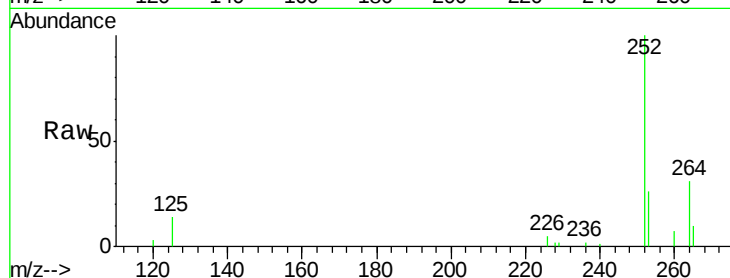
Tot Ion:252 Resp: 11155

Ion Ratio Lower Upper

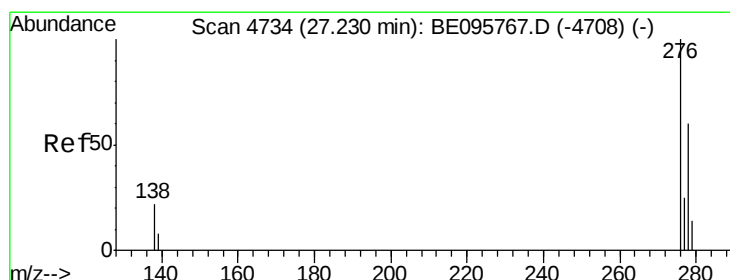
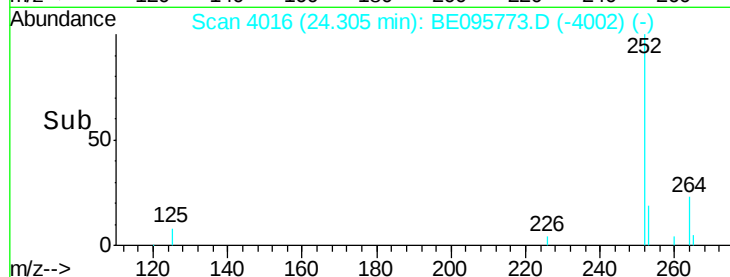
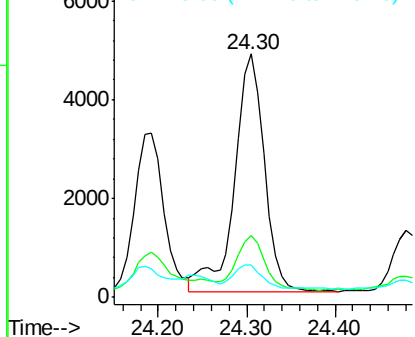
252 100

253 25.6 28.5 42.7#

125 13.5 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: 0.251 ng/ul

RT: 27.22 min Scan# 4733

Delta R.T. -0.01 min

Lab File: BE095773.D

Acq: 14 Mar 2018 20:34

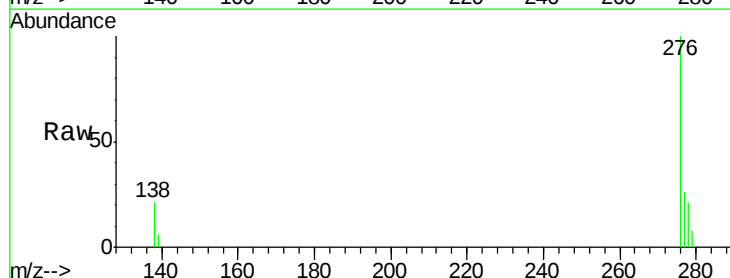
Tgt Ion:276 Resp: 6943

Ion Ratio Lower Upper

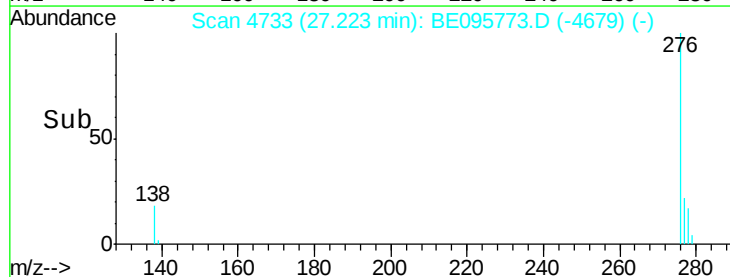
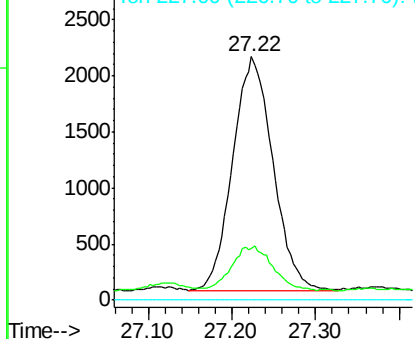
276 100

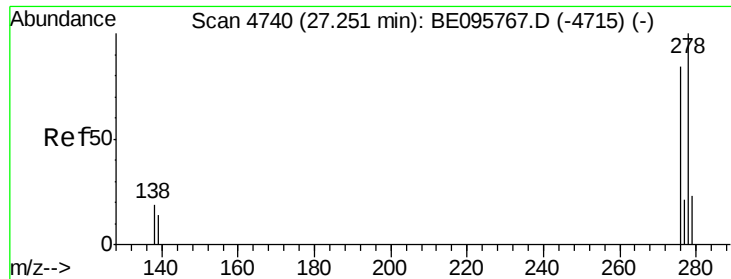
138 19.8 28.0 42.0#

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

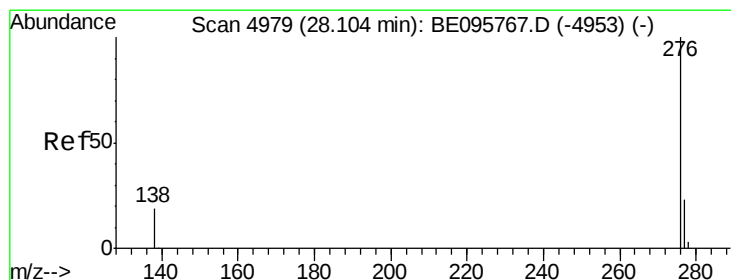
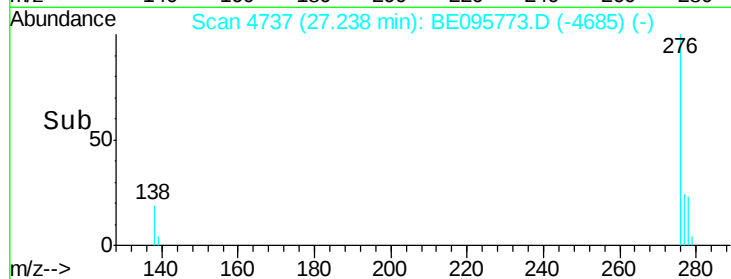
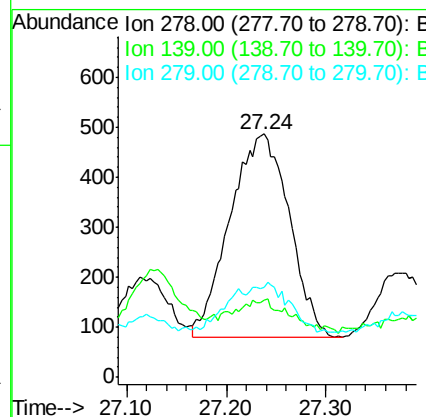
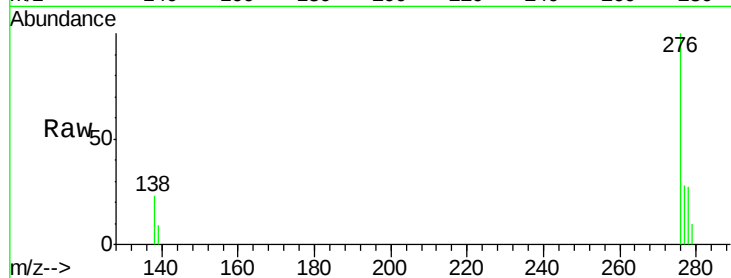




#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 27.24 min Scan# 4737
Delta R.T. -0.01 min
Lab File: BE095773.D
Acq: 14 Mar 2018 20:34

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 1685
Ion Ratio Lower Upper
278 100
139 31.6 17.4 26.0#
279 36.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 28.10 min Scan# 4978
Delta R.T. -0.01 min
Lab File: BE095773.D
Acq: 14 Mar 2018 20:34

Tgt Ion:276 Resp: 6362
Ion Ratio Lower Upper
276 100
138 22.5 21.8 32.8
277 25.7 20.5 30.7

