

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 03:11:05 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

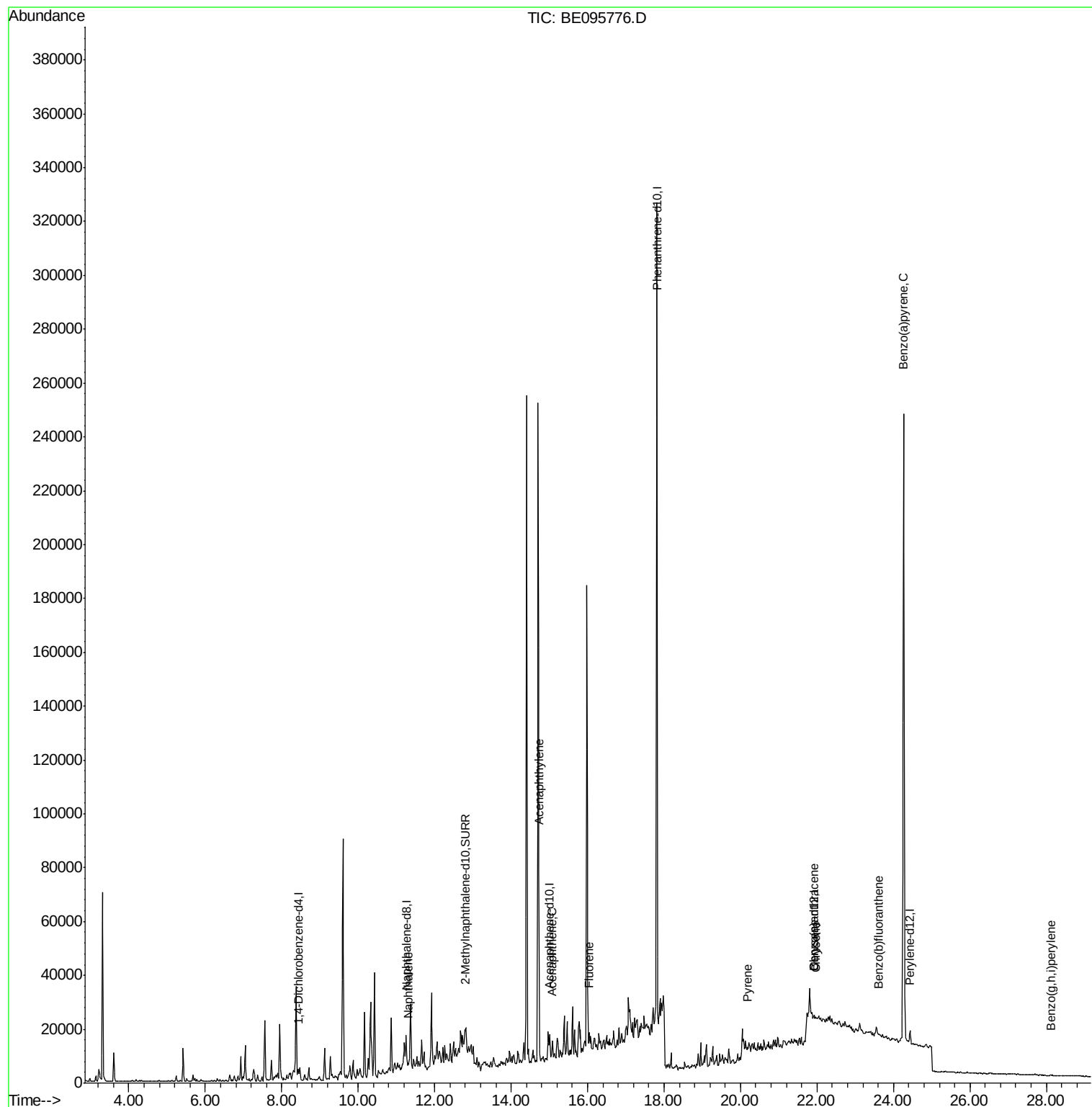
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2365	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	6985	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	5226	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	355518	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	221	0.40	ng/ul	0.11
20) Perylene-d12	24.43	264	9157	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	4106	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	648	0.00	ng/ul	0.09
Target Compounds					Ovalue	
3) Naphthalene	11.30	128	1899	0.097	ng/ul#	1
7) Acenaphthylene	14.73	152	2010	0.076	ng/ul#	1
8) Acenaphthene	15.08	153	2561	0.129	ng/ul#	47
9) Fluorene	16.04	166	5296	0.246	ng/ul#	52
17) Pyrene	20.19	202	846	1.008	ng/ul#	76
18) Benzo(a)anthracene	21.92	228	293	0.411	ng/ul#	1
19) Chrysene	21.97	228	986	1.358	ng/ul#	1
21) Benzo(b)fluoranthene	23.62	252	1813	0.057	ng/ul#	1
23) Benzo(a)pyrene	24.26	252	1946	0.067	ng/ul#	1
26) Benzo(g,h,i)perylene	28.12	276	811	0.029	ng/ul#	1

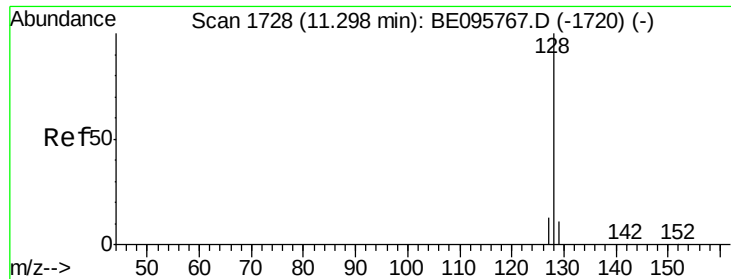
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.097 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

Instrument :

BNA_E

ClientSampleId :

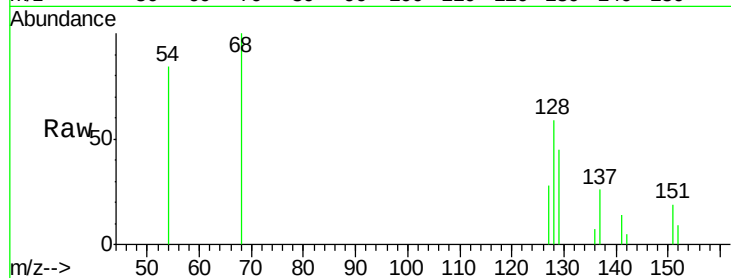
Tot Ion:128 Resp: 1899

Ion Ratio Lower Upper

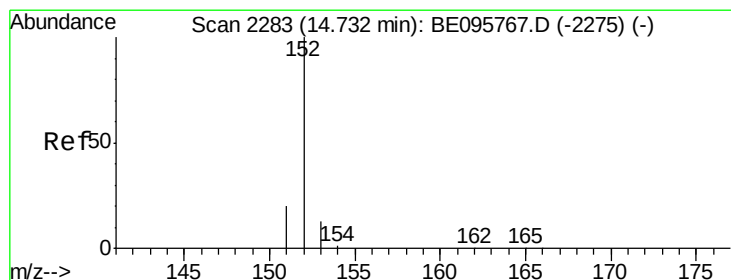
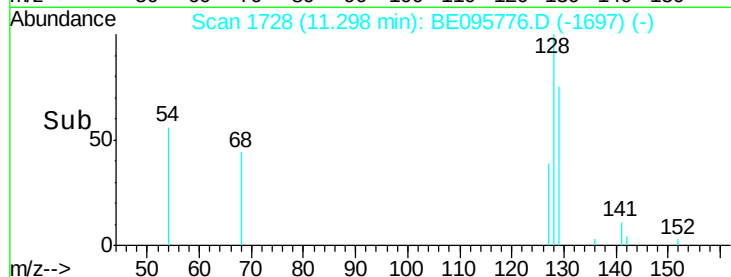
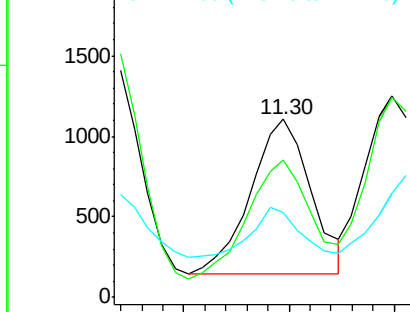
128 100

129 77.2 11.3 16.9#

127 48.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

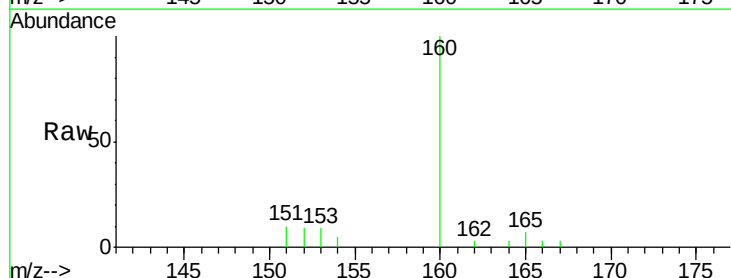
Tgt Ion:152 Resp: 2010

Ion Ratio Lower Upper

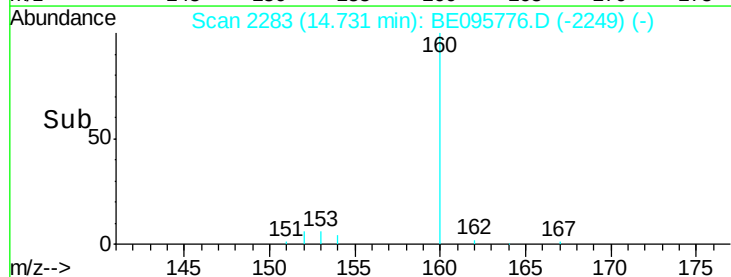
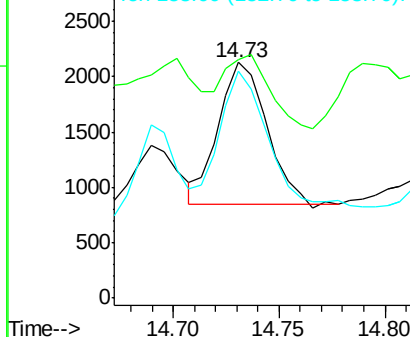
152 100

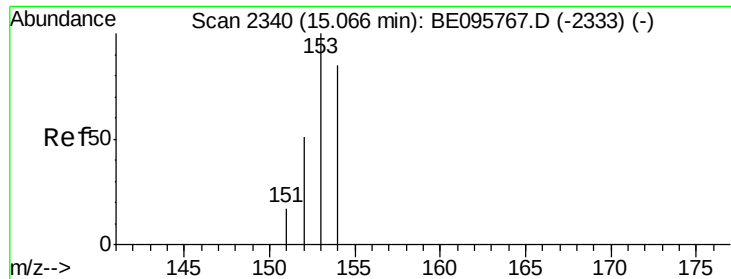
151 101.1 17.1 25.7#

153 96.4 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





#8

Acenaphthene

Concen: 0.129 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.01 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

Instrument :

BNA_E

ClientSampleId :

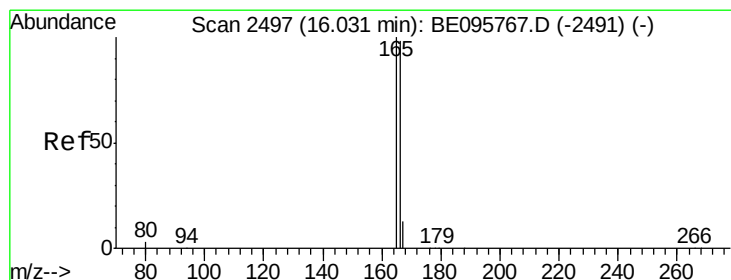
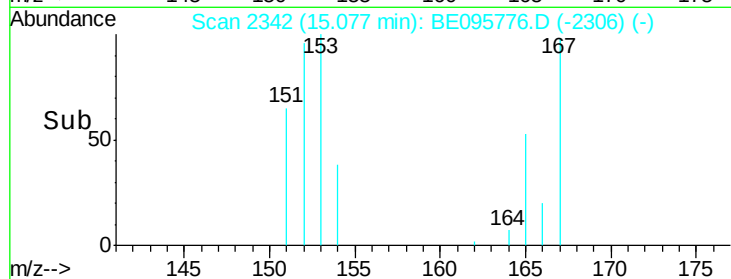
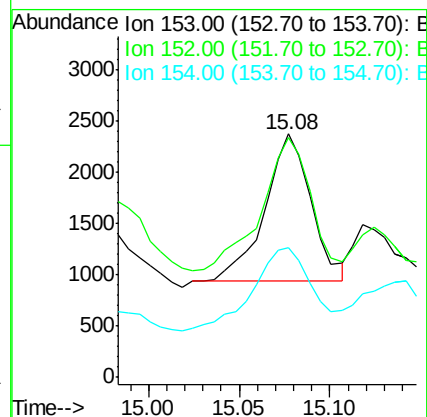
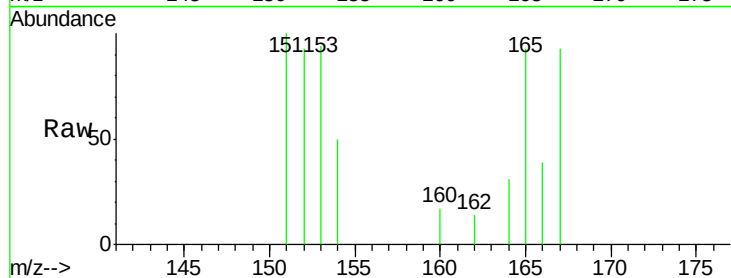
Tot Ion:153 Resp: 2561

Ion Ratio Lower Upper

153 100

152 98.5 36.0 54.0#

154 53.2 72.0 108.0#



#9

Fluorene

Concen: 0.246 ng/ul

RT: 16.04 min Scan# 2498

Delta R.T. 0.01 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

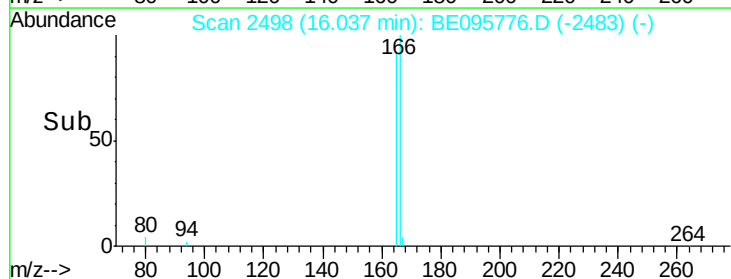
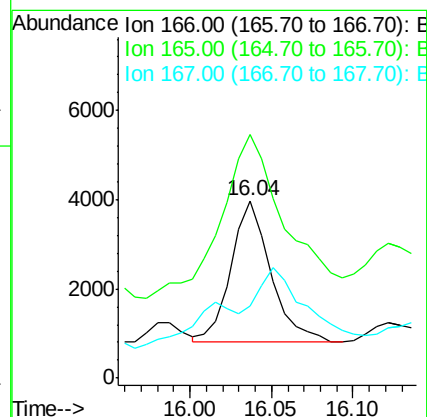
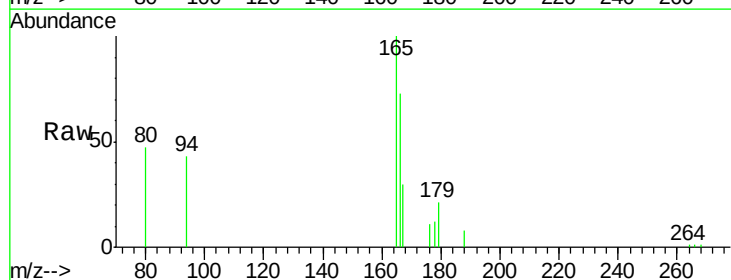
Tgt Ion:166 Resp: 5296

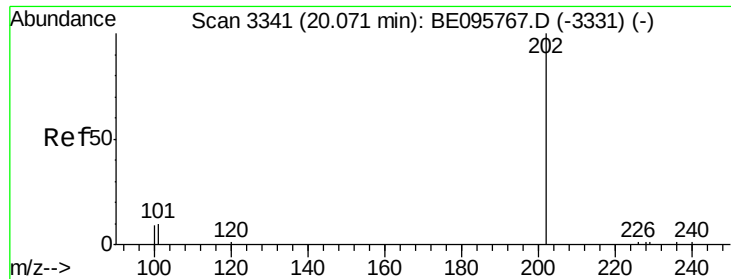
Ion Ratio Lower Upper

166 100

165 137.0 73.4 110.2#

167 40.4 14.6 22.0#

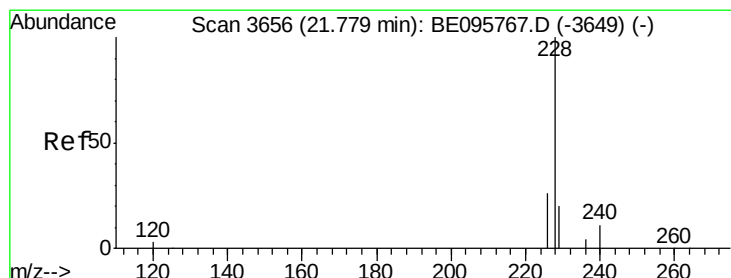
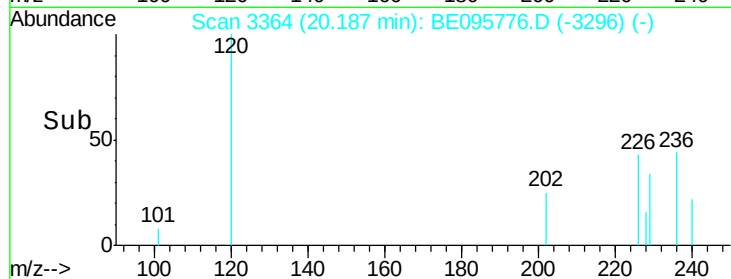
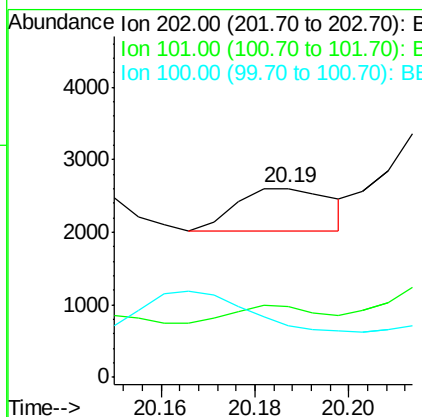
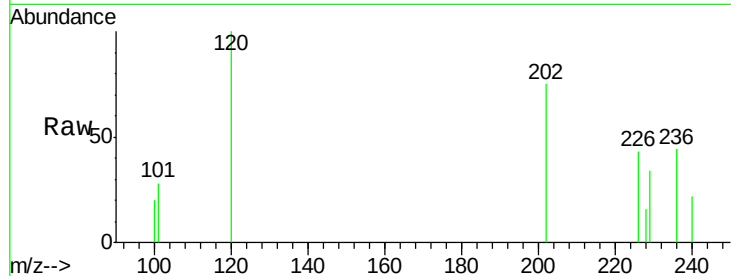




#17
 Pvrene
 Concen: 1.008 ng/ul
 RT: 20.19 min Scan# 3364
 Delta R.T. 0.12 min
 Lab File: BE095776.D
 Acq: 14 Mar 2018 22:22

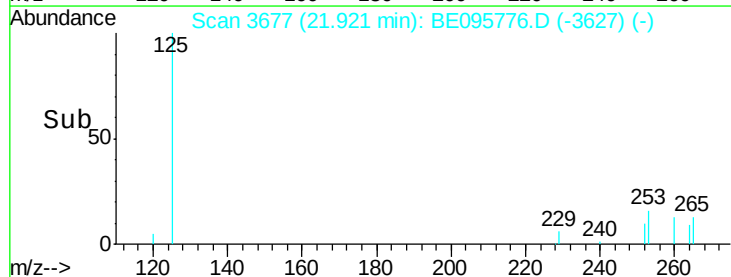
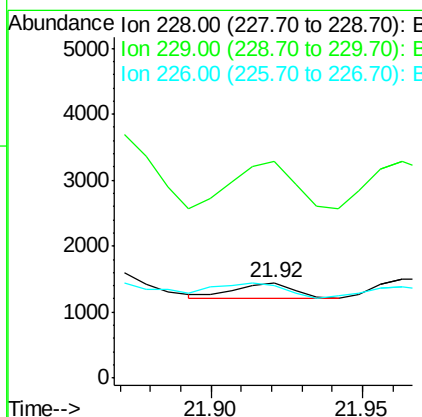
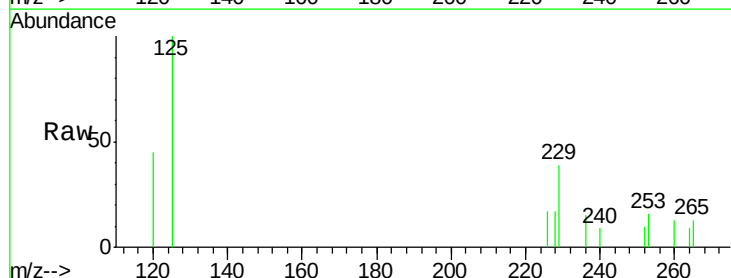
Instrument :
 BNA_E
 ClientSampleId :

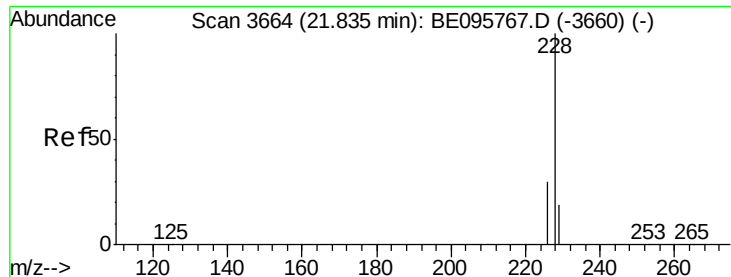
Tot Ion:202 Resp: 846
 Ion Ratio Lower Upper
 202 100
 101 37.1 18.2 27.4#
 100 26.9 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.411 ng/ul
 RT: 21.92 min Scan# 3677
 Delta R.T. 0.14 min
 Lab File: BE095776.D
 Acq: 14 Mar 2018 22:22

Tgt Ion:228 Resp: 293
 Ion Ratio Lower Upper
 228 100
 229 227.3 22.8 34.2#
 226 96.6 17.0 25.6#





#19

Chrysene

Concen: 1.358 ng/ul

RT: 21.97 min Scan# 3684

Delta R.T. 0.13 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

Instrument :

BNA_E

ClientSampleId :

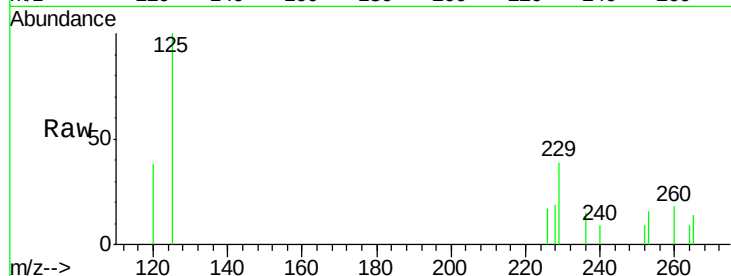
Tot Ion:228 Resp: 986

Ion Ratio Lower Upper

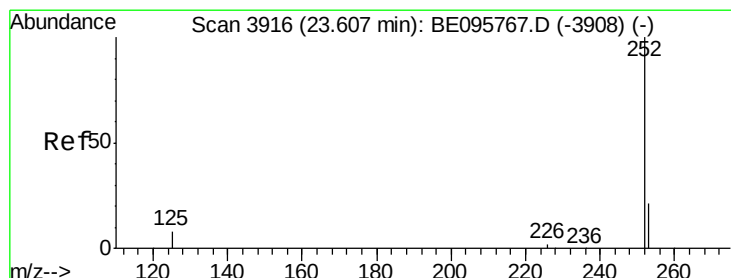
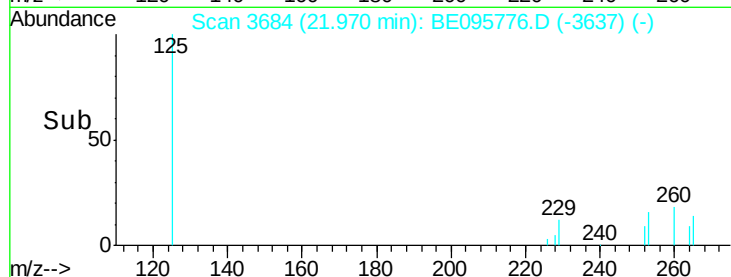
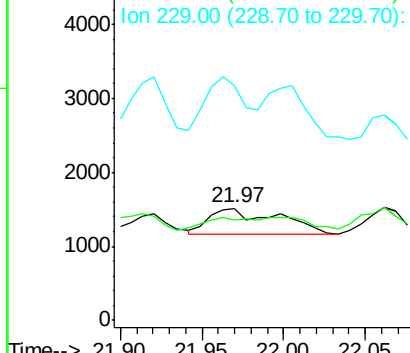
228 100

226 89.0 23.4 35.0#

229 209.7 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: 0.057 ng/ul

RT: 23.62 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

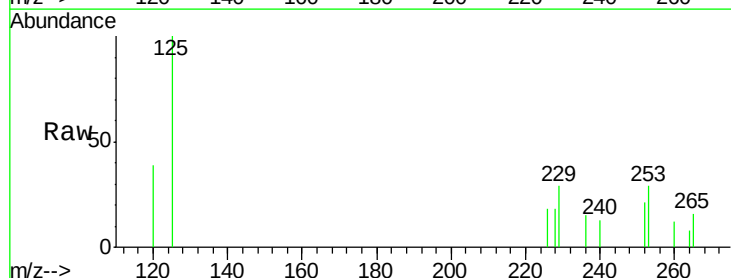
Tgt Ion:252 Resp: 1813

Ion Ratio Lower Upper

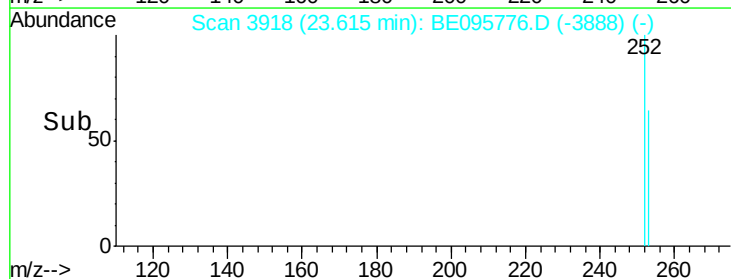
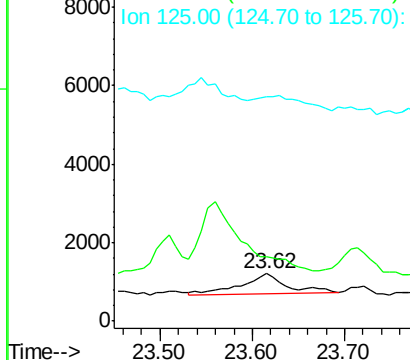
252 100

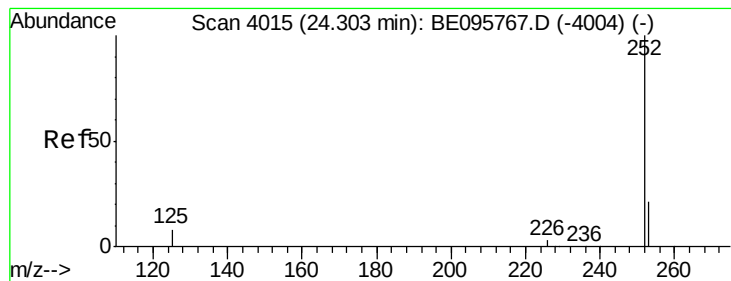
253 134.9 0.0 64.2#

125 471.6 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





#23

Benzo(a)pyrene

Concen: 0.067 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. -0.04 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

Instrument :

BNA_E

ClientSampleId :

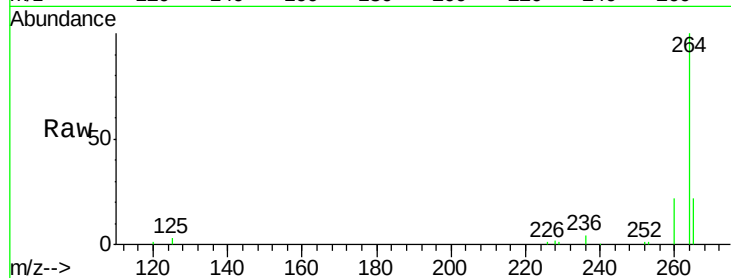
Tot Ion:252 Resp: 1946

Ion Ratio Lower Upper

252 100

253 100.8 28.5 42.7#

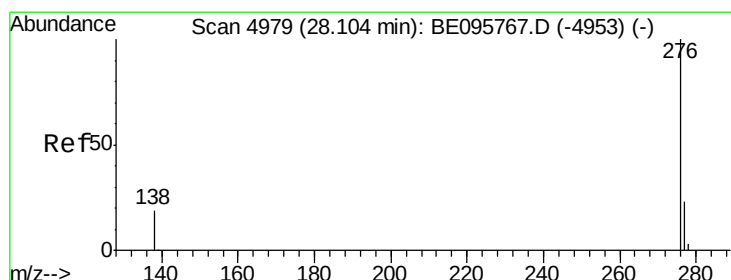
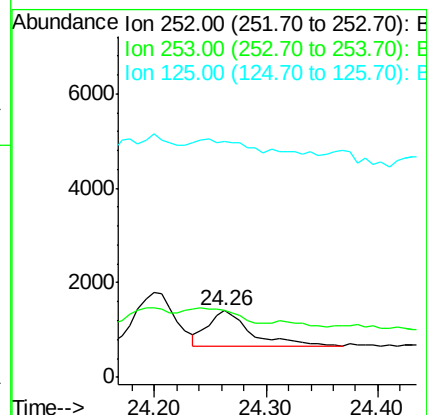
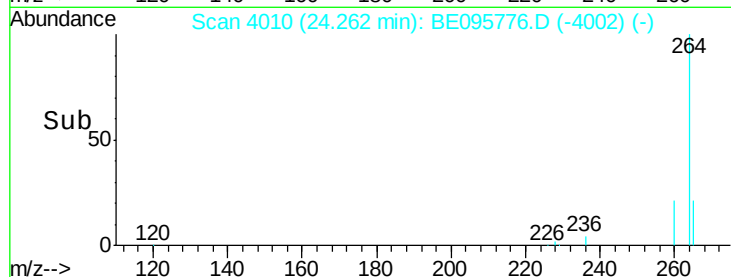
125 352.0 18.1 27.1#



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



#26

Benzo(g,h,i)perylene

Concen: 0.029 ng/ul

RT: 28.12 min Scan# 4984

Delta R.T. 0.01 min

Lab File: BE095776.D

Acq: 14 Mar 2018 22:22

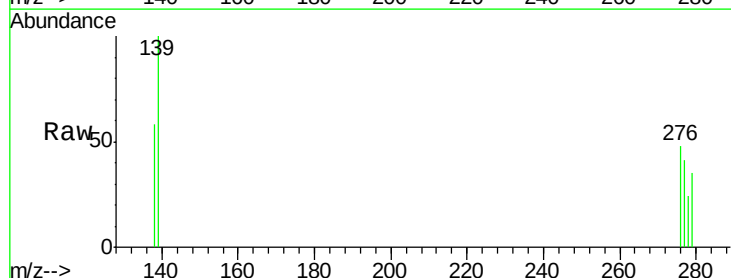
Tgt Ion:276 Resp: 811

Ion Ratio Lower Upper

276 100

138 120.6 21.8 32.8#

277 86.1 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

