

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095786.D
 Acq On : 15 Mar 2018 4:20
 Operator : SJ/JU
 Sample : J1813-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 05:36:44 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 05:35:28 2018
 Response via : Initial Calibration

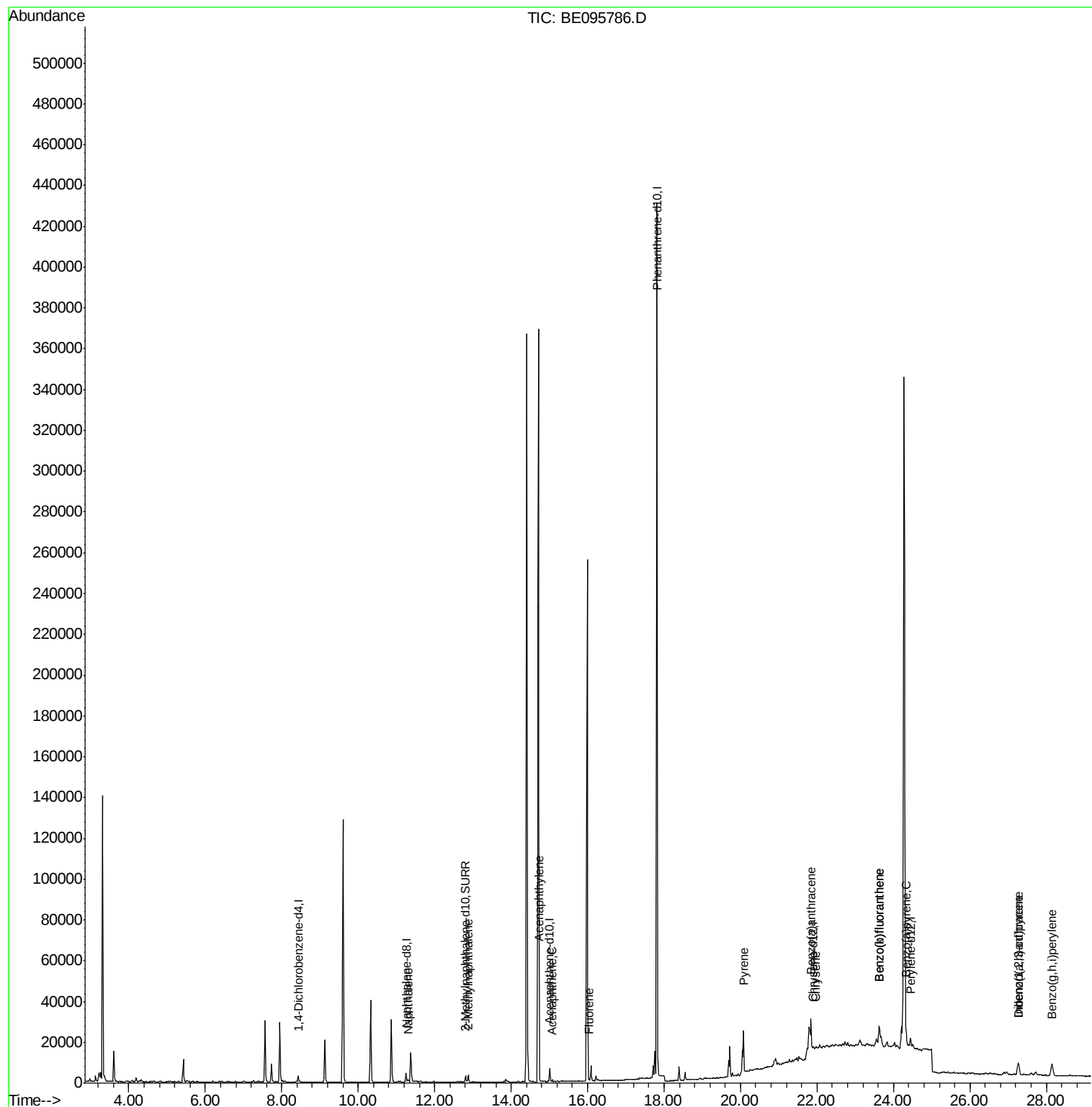
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1990	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5996	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3764	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	519278	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	143	0.40	ng/ul	0.11
20) Perylene-d12	24.45	264	8163	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3704	0.36	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.30	128	1839	0.110	ng/ul#	88
5) 2-Methylnaphthalene	12.88	142	2970	0.255	ng/ul	99
7) Acenaphthylene	14.74	152	997	0.052	ng/ul#	74
8) Acenaphthene	15.07	153	512	0.036	ng/ul#	84
9) Fluorene	16.04	166	676	0.044	ng/ul#	83
17) Pyrene	20.08	202	27531	50.703	ng/ul#	79
18) Benzo(a)anthracene	21.84	228	17624	38.197	ng/ul#	77
19) Chrysene	21.98	228	764	1.626	ng/ul#	1
21) Benzo(b)fluoranthene	23.62	252	23947	0.847	ng/ul#	58
22) Benzo(k)fluoranthene	23.62	252	23634	0.879	ng/ul#	55
23) Benzo(a)pyrene	24.33	252	10454	0.405	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	27.27	276	10793	0.377	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.27	278	4463	0.195	ng/ul#	33
26) Benzo(g,h,i)perylene	28.15	276	14806	0.602	ng/ul#	88

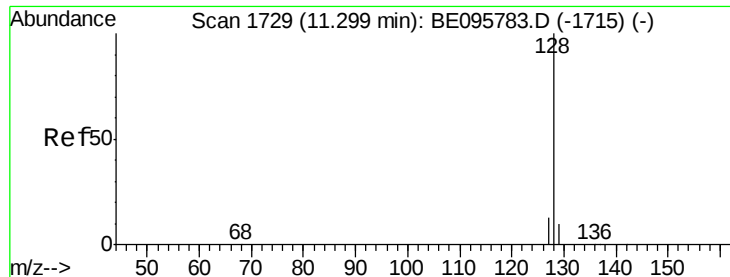
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.110 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

ClientSampleId :

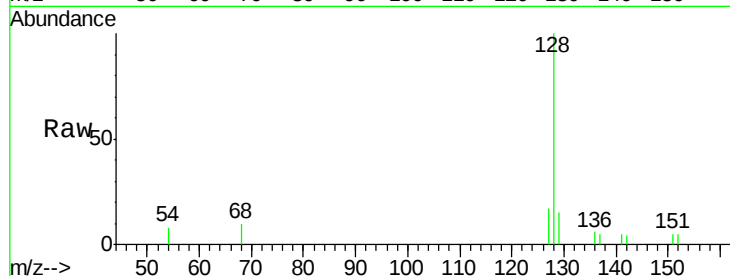
Tot Ion:128 Resp: 1839

Ion Ratio Lower Upper

128 100

129 15.3 11.3 16.9

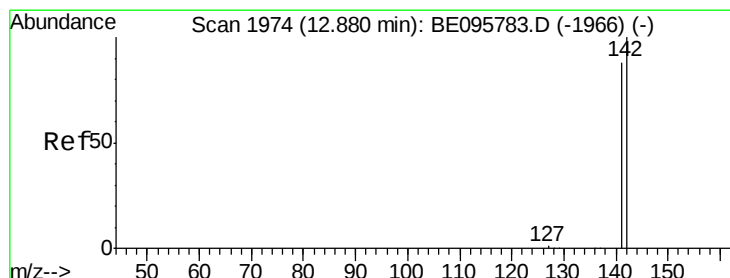
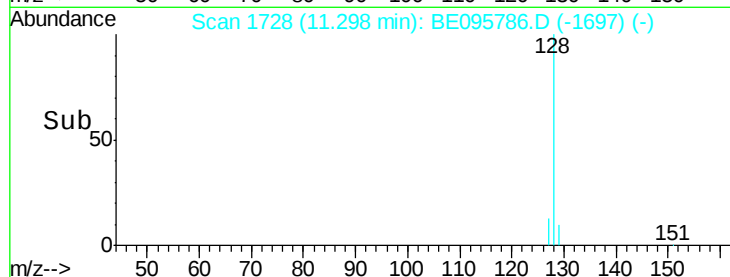
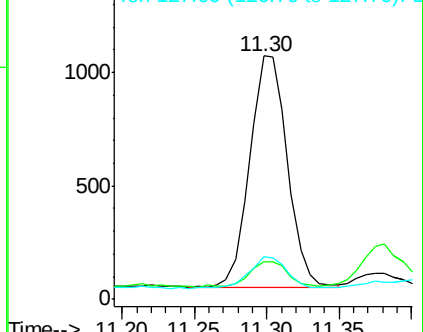
127 17.4 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.255 ng/ul

RT: 12.88 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BE095786.D

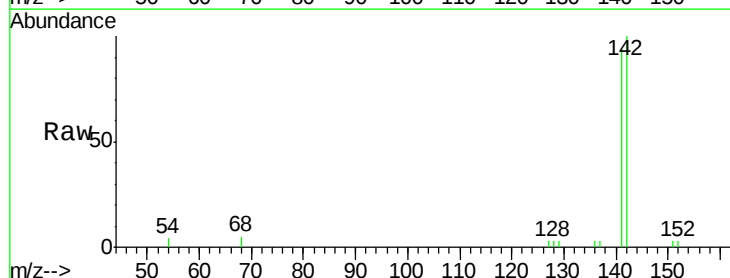
Acq: 15 Mar 2018 4:20

Tgt Ion:142 Resp: 2970

Ion Ratio Lower Upper

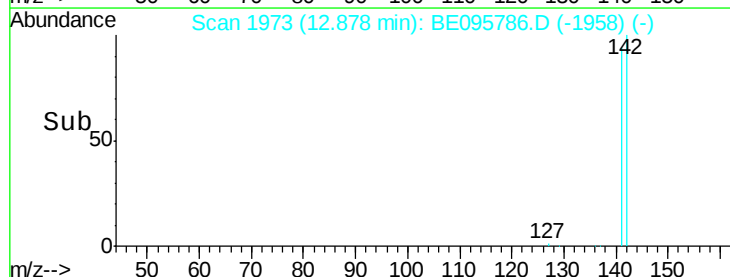
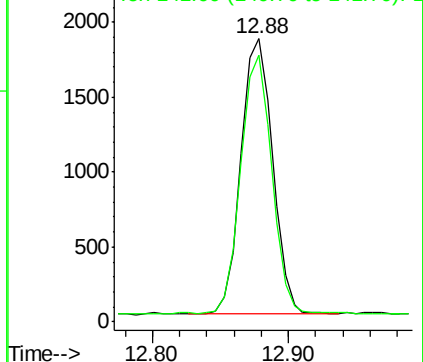
142 100

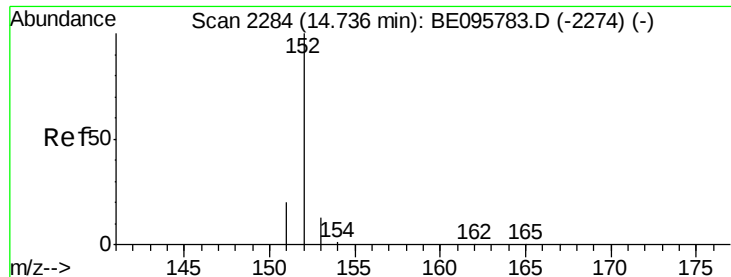
141 92.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.74 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

ClientSampleId :

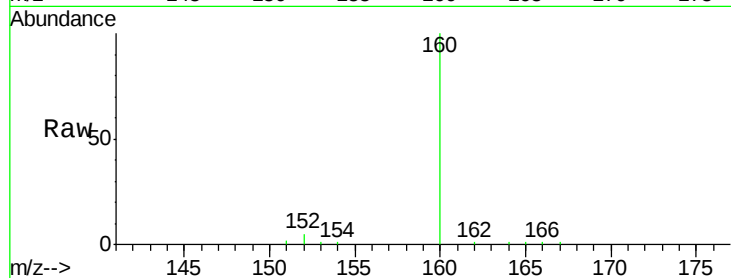
Tot Ion:152 Resp: 997

Ion Ratio Lower Upper

152 100

151 33.2 17.1 25.7#

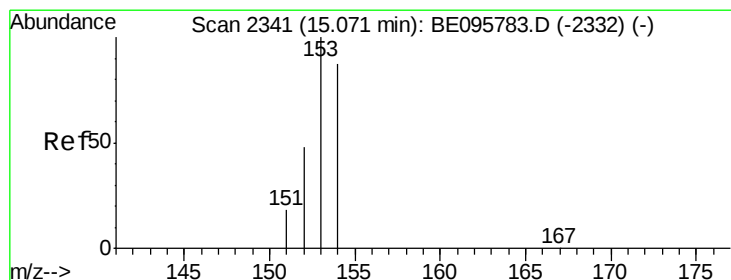
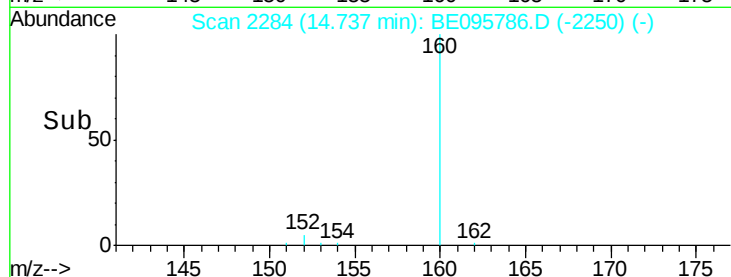
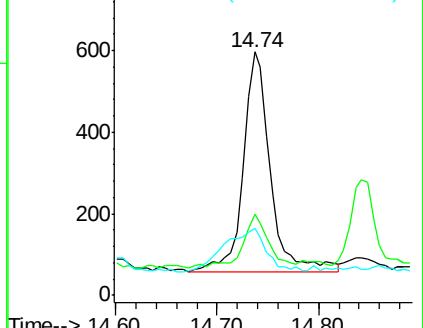
153 27.3 12.8 19.2#



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: 0.036 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

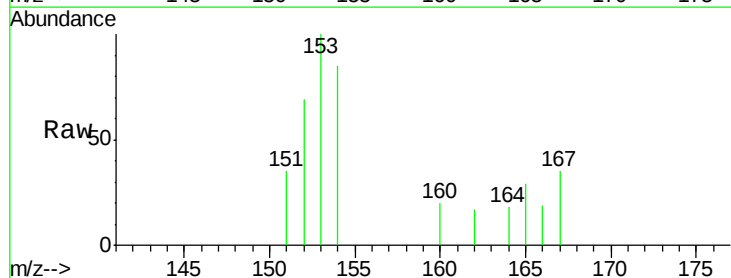
Tgt Ion:153 Resp: 512

Ion Ratio Lower Upper

153 100

152 69.2 36.0 54.0#

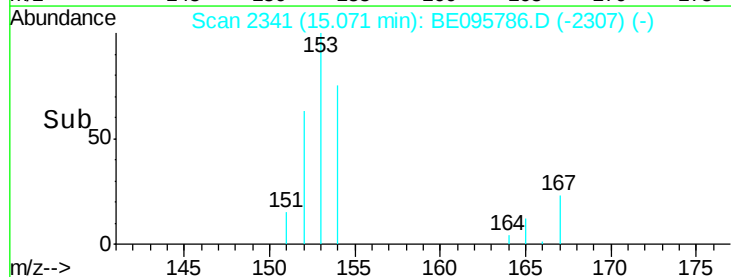
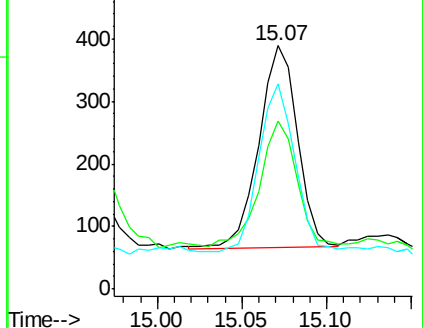
154 84.6 72.0 108.0

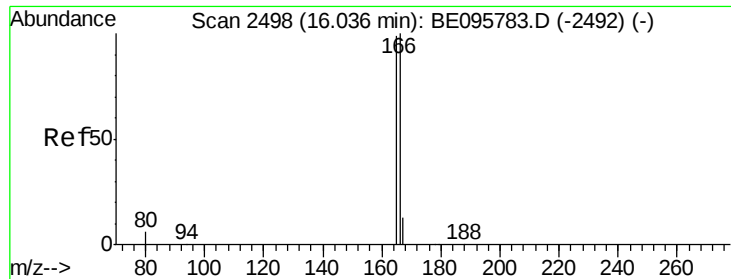


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.044 ng/ul

RT: 16.04 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

ClientSampled :

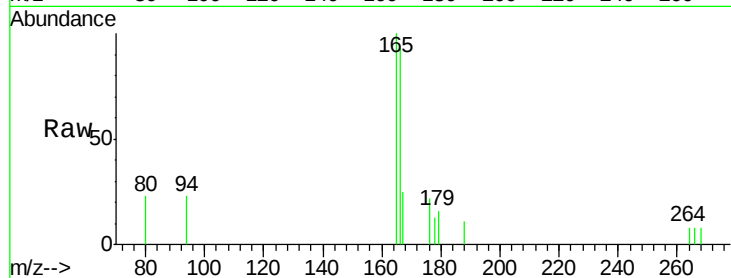
Tot Ion:166 Resp: 676

Ion Ratio Lower Upper

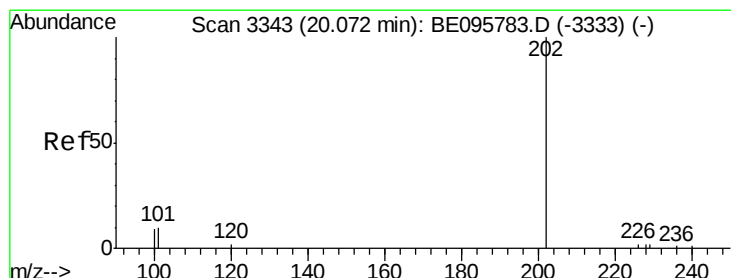
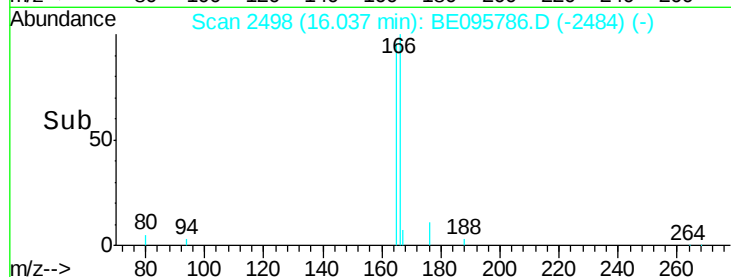
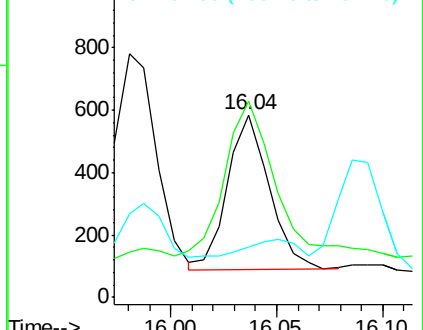
166 100

165 107.7 73.4 110.2

167 27.3 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



#17

Pyrene

Concen: 50.703 ng/ul

RT: 20.08 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

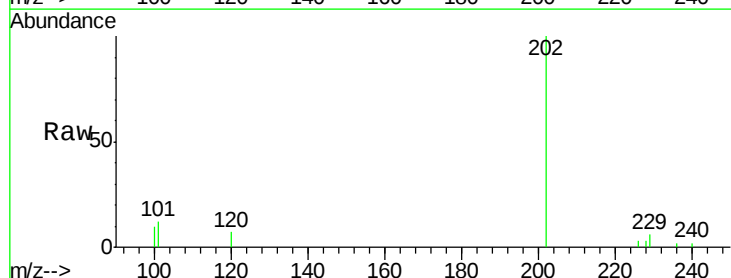
Tgt Ion:202 Resp: 27531

Ion Ratio Lower Upper

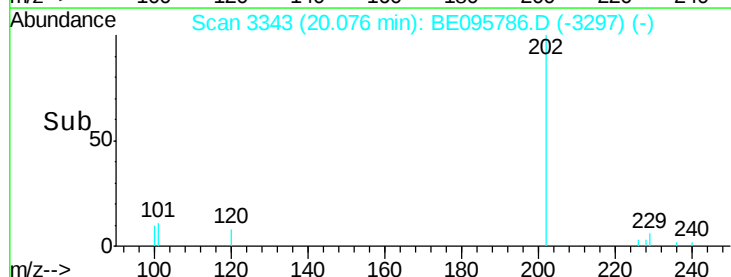
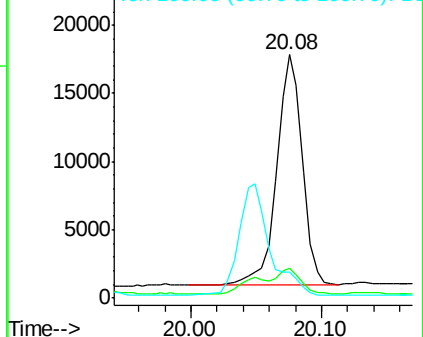
202 100

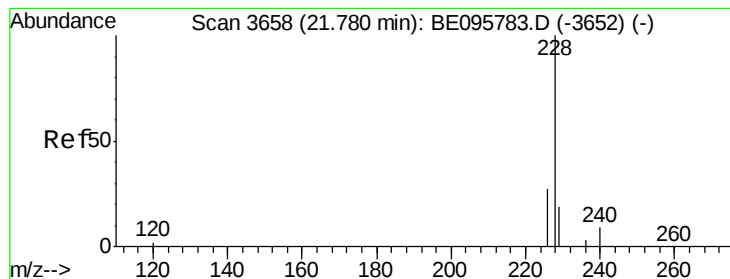
101 12.3 18.2 27.4#

100 10.5 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): E

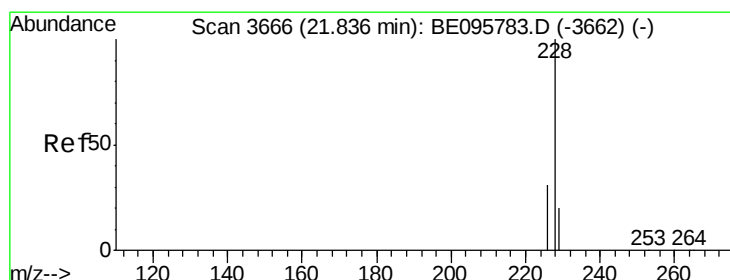
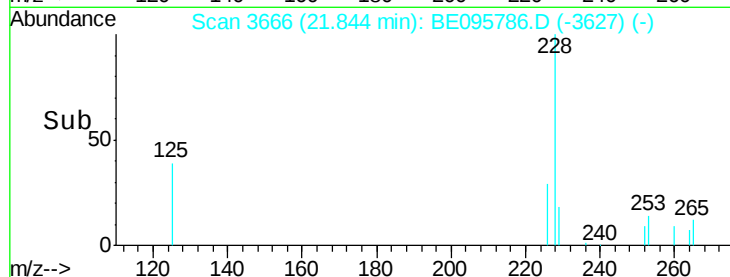
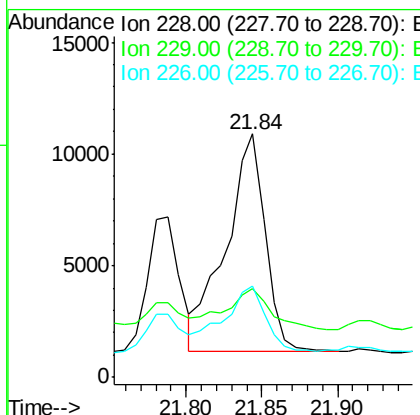
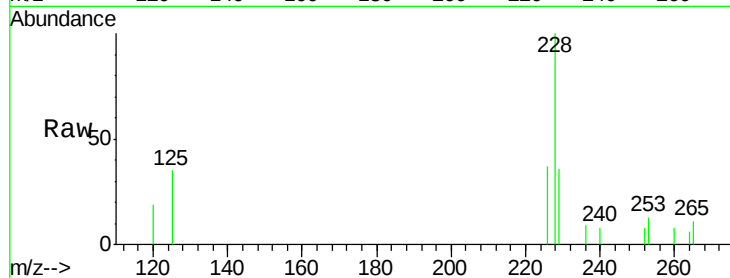




#18
Benzo(a)anthracene
Concen: 38.197 ng/ul
RT: 21.84 min Scan# 3666
Delta R.T. 0.06 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

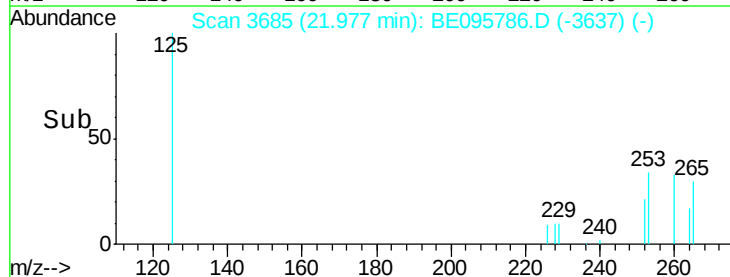
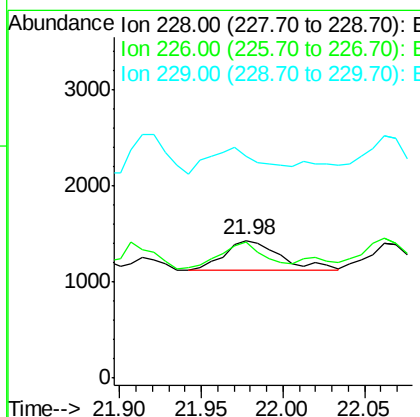
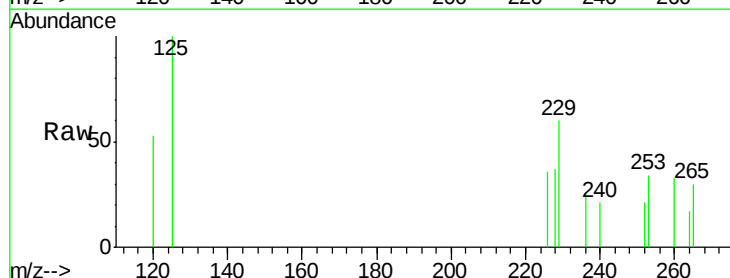
Instrument :
BNA_E
ClientSampleId :

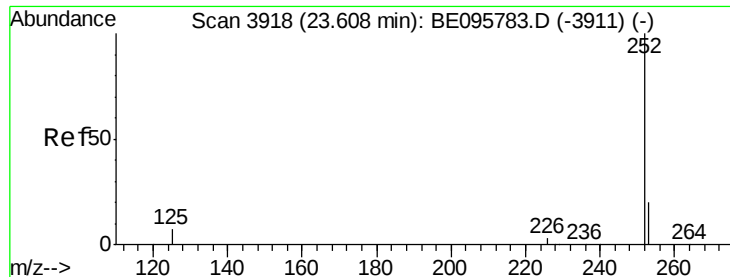
Tot Ion:228 Resp: 17624
Ion Ratio Lower Upper
228 100
229 36.3 22.8 34.2#
226 37.4 17.0 25.6#



#19
Chrysene
Concen: 1.626 ng/ul
RT: 21.98 min Scan# 3685
Delta R.T. 0.14 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Tgt Ion:228 Resp: 764
Ion Ratio Lower Upper
228 100
226 98.5 23.4 35.0#
229 161.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.847 ng/ul

RT: 23.62 min Scan# 3919

Delta R.T. 0.02 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

ClientSampleId :

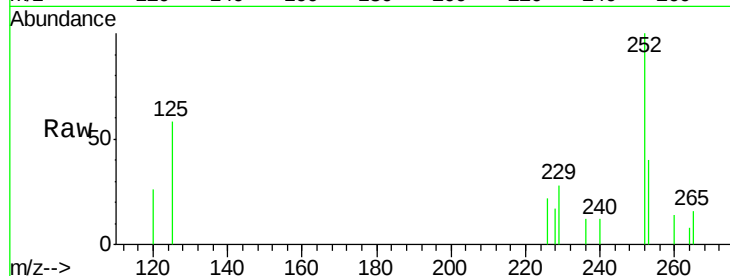
Tot Ion:252 Resp: 23947

Ion Ratio Lower Upper

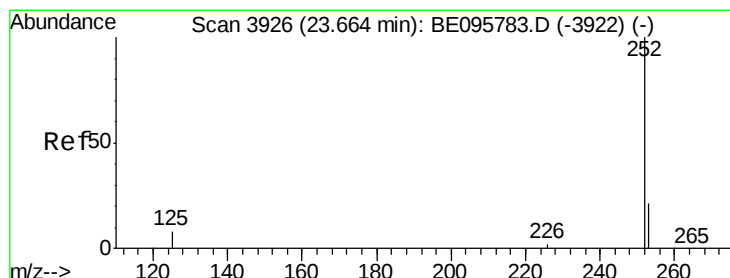
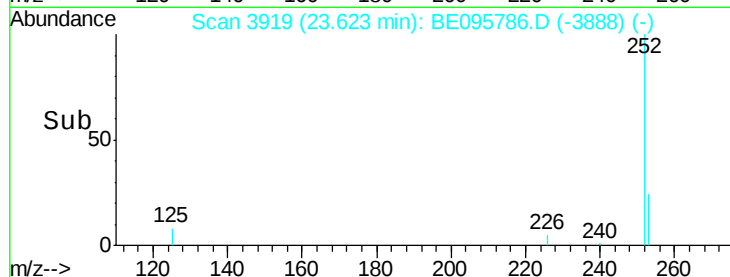
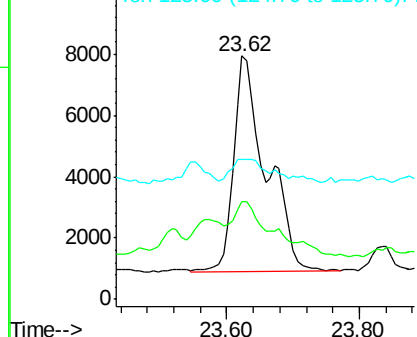
252 100

253 40.1 0.0 64.2

125 57.6 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: 0.879 ng/ul

RT: 23.62 min Scan# 3919

Delta R.T. -0.04 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

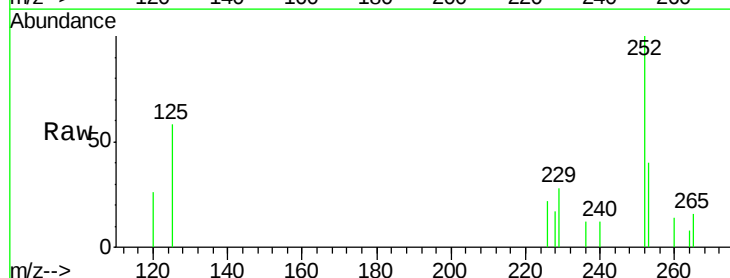
Tgt Ion:252 Resp: 23634

Ion Ratio Lower Upper

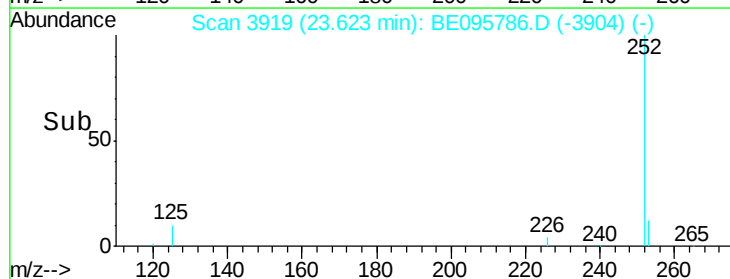
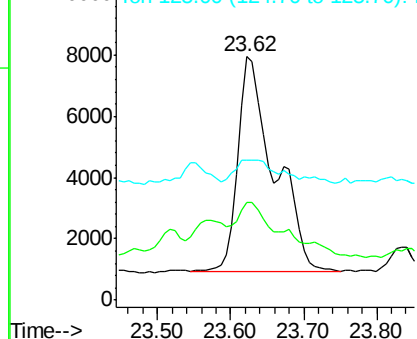
252 100

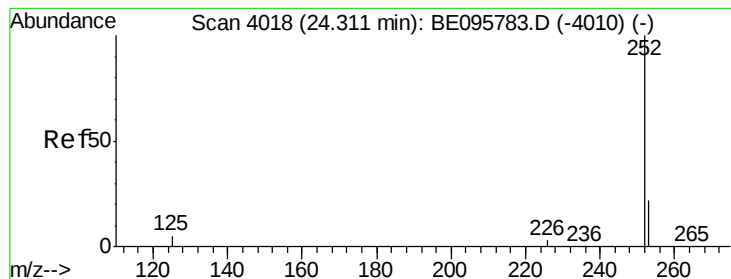
253 40.1 24.5 36.7#

125 57.6 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: 0.405 ng/ul

RT: 24.33 min Scan# 4019

Delta R.T. 0.02 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

Instrument :

BNA_E

ClientSampleId :

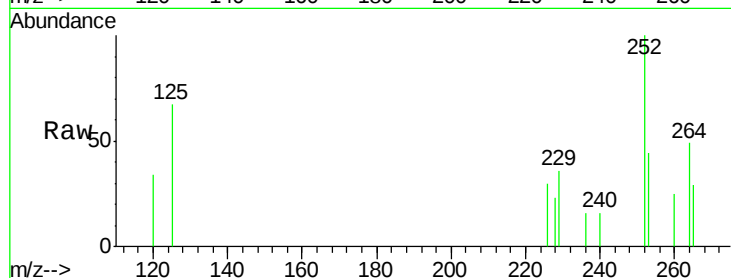
Tot Ion:252 Resp: 10454

Ion Ratio Lower Upper

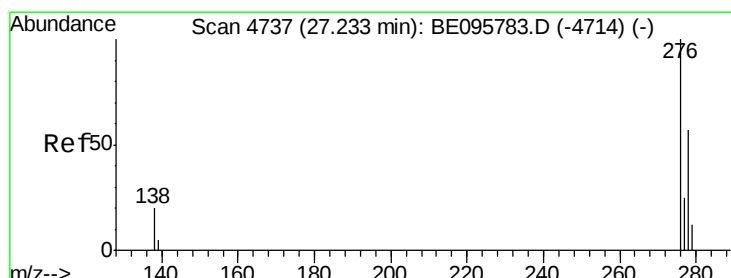
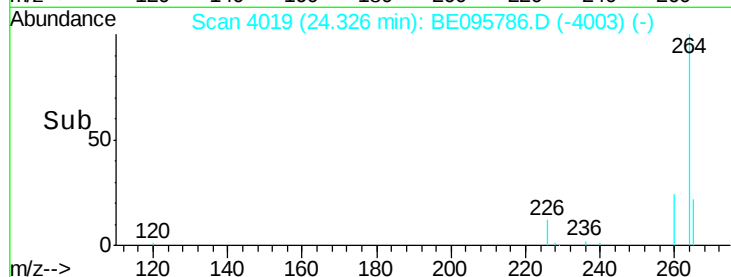
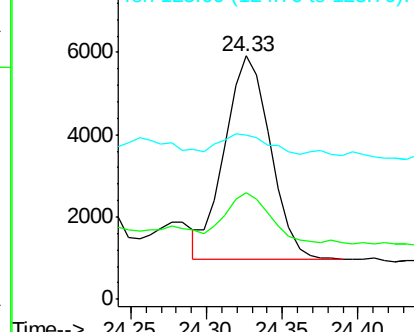
252 100

253 43.8 28.5 42.7#

125 67.2 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: 0.377 ng/ul

RT: 27.27 min Scan# 4746

Delta R.T. 0.04 min

Lab File: BE095786.D

Acq: 15 Mar 2018 4:20

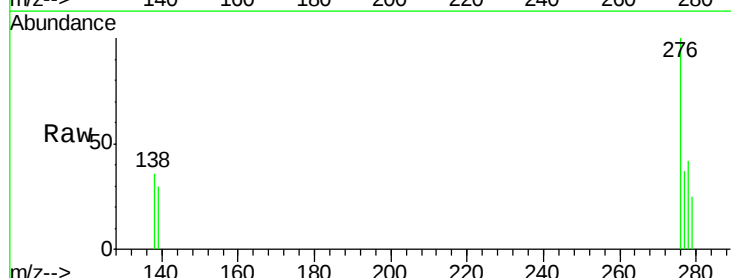
Tgt Ion:276 Resp: 10793

Ion Ratio Lower Upper

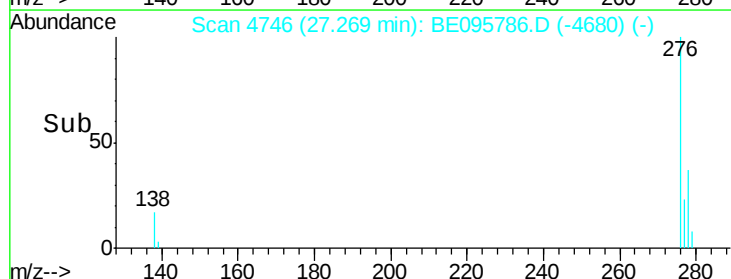
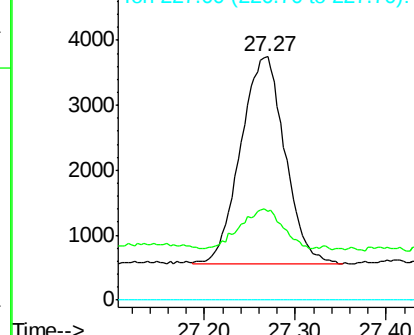
276 100

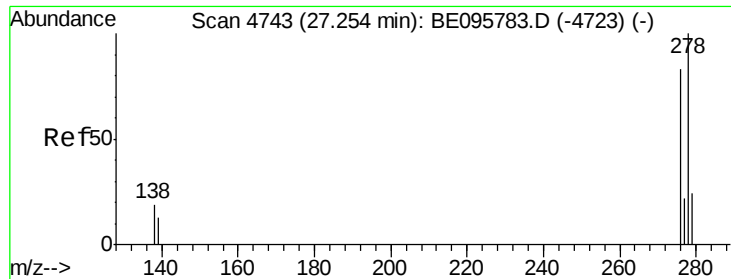
138 18.3 28.0 42.0#

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

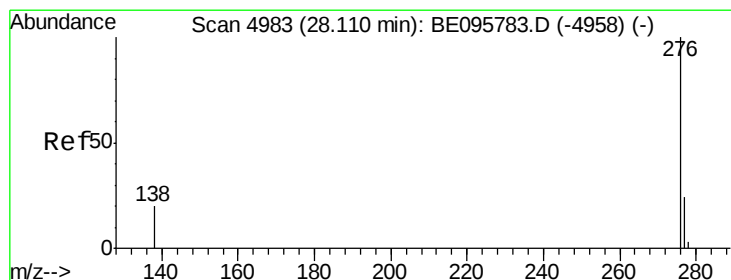
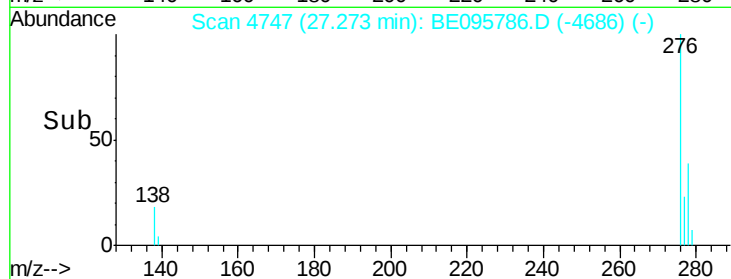
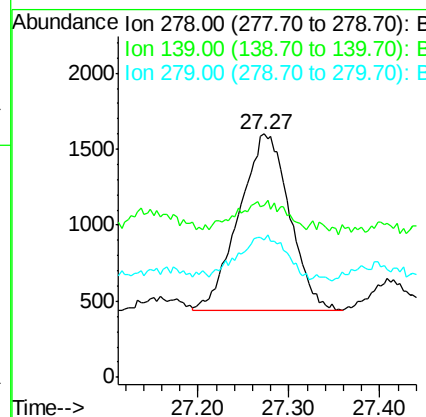
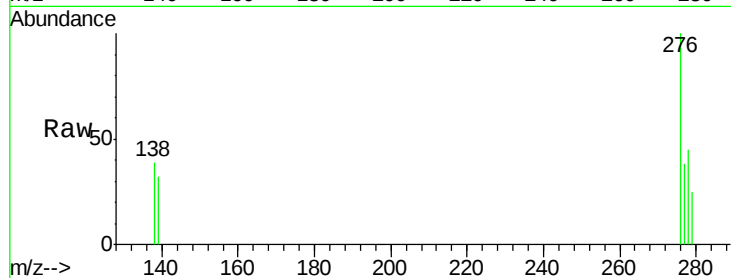




#25
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 27.27 min Scan# 4747
Delta R.T. 0.02 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 4463
Ion Ratio Lower Upper
278 100
139 70.7 17.4 26.0#
279 56.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.602 ng/ul
RT: 28.15 min Scan# 4992
Delta R.T. 0.04 min
Lab File: BE095786.D
Acq: 15 Mar 2018 4:20

Tgt Ion:276 Resp: 14806
Ion Ratio Lower Upper
276 100
138 31.4 21.8 32.8
277 33.5 20.5 30.7#

