

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095792.D
 Acq On : 15 Mar 2018 7:58
 Operator : SJ/JU
 Sample : J1835-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 08:35:35 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

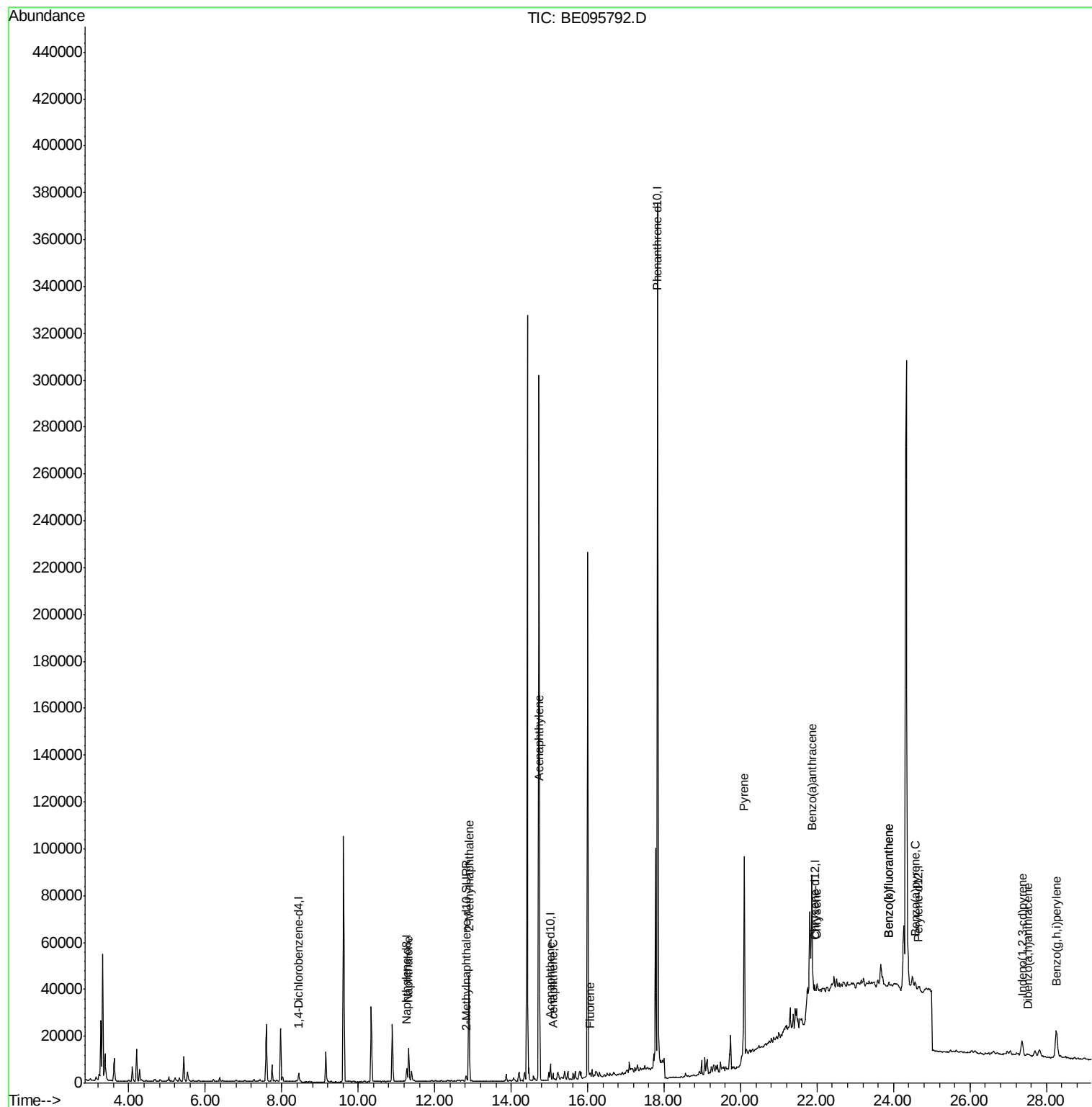
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2344	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	7143	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.02	164	3992	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.83	188	435223	0.40	ng/ul	0.12
16) Chrysene-d12	21.94	240	154	0.40	ng/ul	0.14
20) Perylene-d12	24.64	264	765	0.40	ng/ul	0.21
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3022	0.25	ng/ul	0.02
14) Fluoranthene-d10	19.79	212	383	0.00	ng/ul	0.11
Target Compounds					Ovalue	
3) Naphthalene	11.32	128	19818	0.994	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	36252	2.615	ng/ul	100
7) Acenaphthylene	14.75	152	736	0.037	ng/ul#	1
8) Acenaphthene	15.09	153	1545	0.102	ng/ul#	69
9) Fluorene	16.06	166	1166	0.071	ng/ul#	43
17) Pyrene	20.09	202	94074	160.877	ng/ul#	77
18) Benzo(a)anthracene	21.86	228	57272	115.260	ng/ul#	81
19) Chrysene	22.00	228	2117	4.184	ng/ul#	1
21) Benzo(b)fluoranthene	23.87	252	2450	0.925	ng/ul#	1
22) Benzo(k)fluoranthene	23.87	252	2450	0.973	ng/ul#	1
23) Benzo(a)pyrene	24.56	252	2283	0.944	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.36	276	10724	3.997	ng/ul#	70
25) Dibenzo(a,h)anthracene	27.51	278	1768	0.824	ng/ul#	1
26) Benzo(g,h,i)perylene	28.26	276	34525	14.981	ng/ul#	82

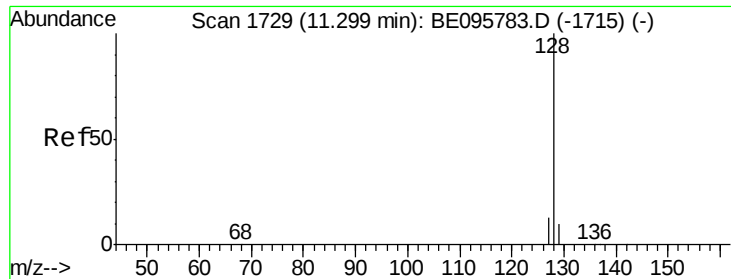
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.994 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

ClientSampleId :

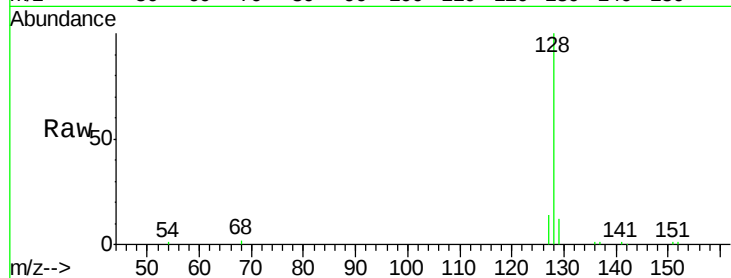
Tot Ion:128 Resp: 19818

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

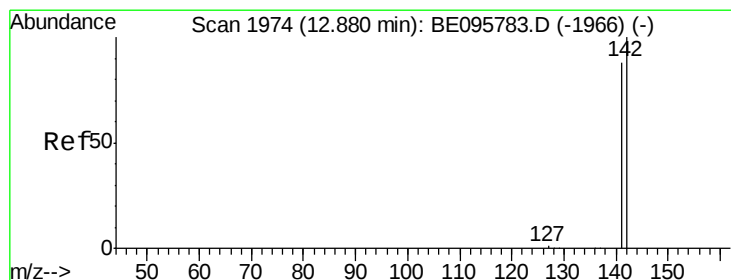
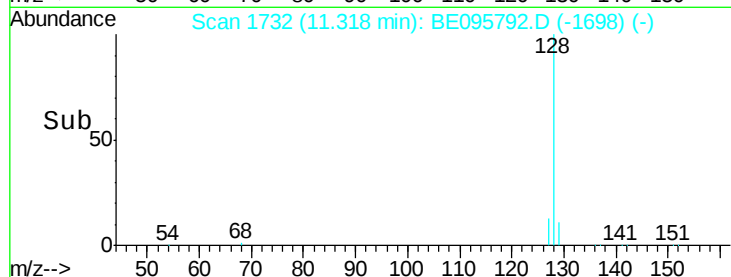
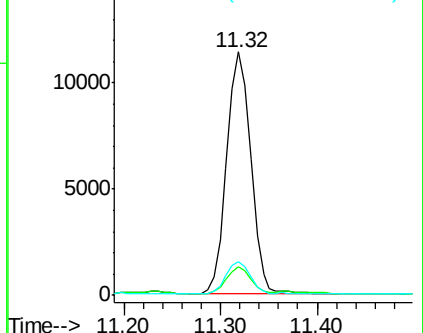
127 13.8 4.0 6.0#



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: 2.615 ng/ul

RT: 12.89 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BE095792.D

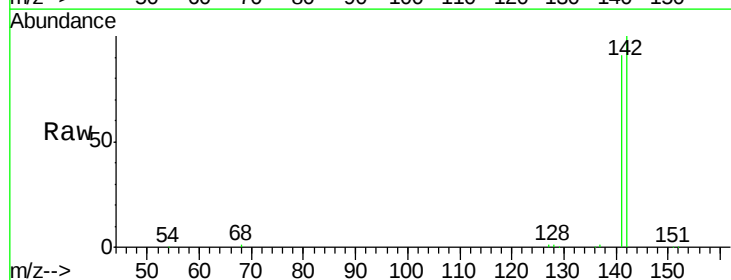
Acq: 15 Mar 2018 7:58

Tgt Ion:142 Resp: 36252

Ion Ratio Lower Upper

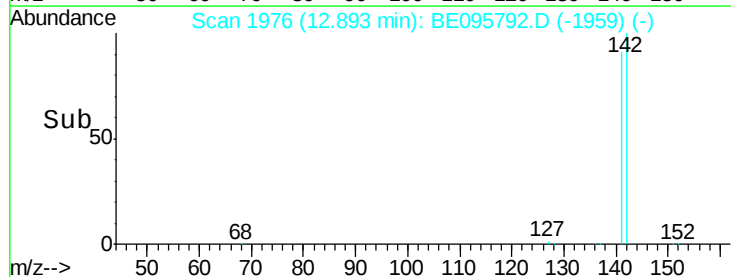
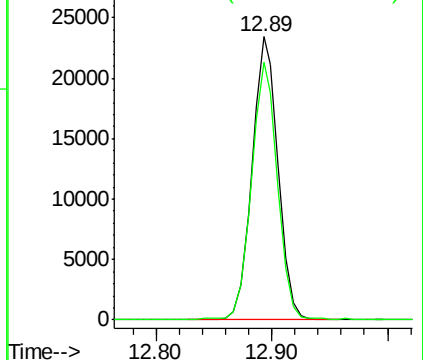
142 100

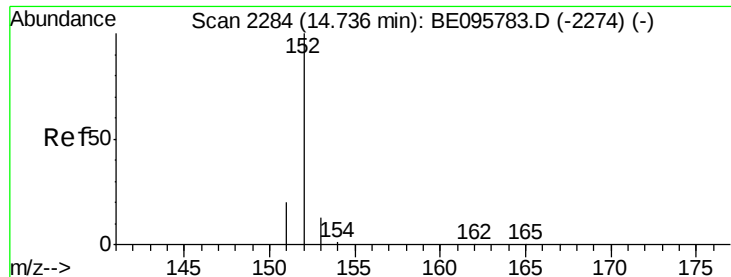
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.75 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

ClientSampleId :

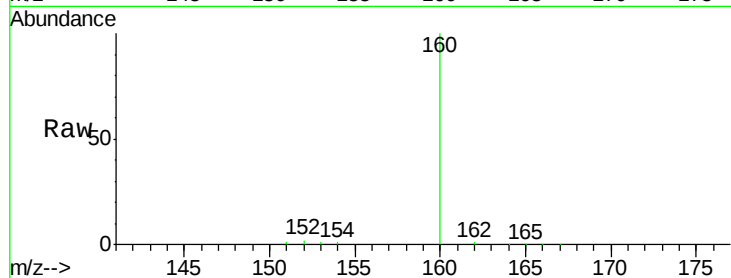
Tot Ion:152 Resp: 736

Ion Ratio Lower Upper

152 100

151 46.1 17.1 25.7#

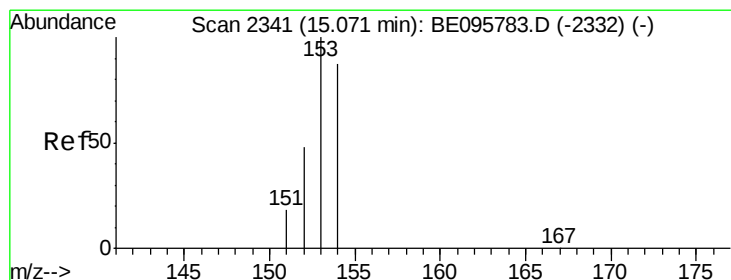
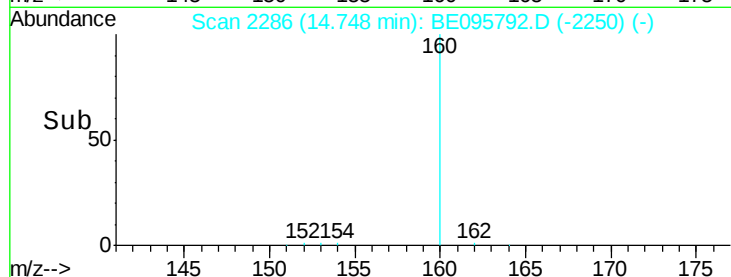
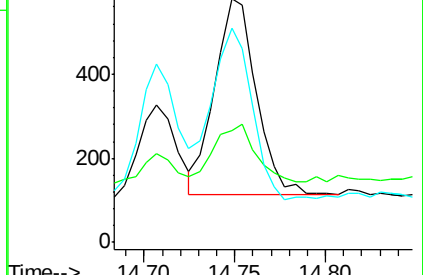
153 87.9 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.102 ng/ul

RT: 15.09 min Scan# 2344

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

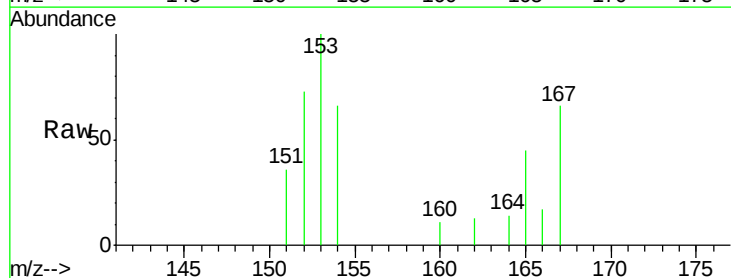
Tgt Ion:153 Resp: 1545

Ion Ratio Lower Upper

153 100

152 72.6 36.0 54.0#

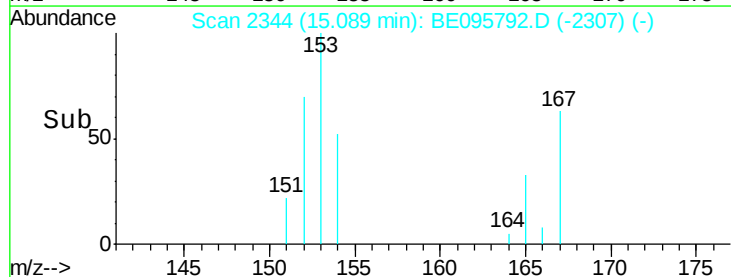
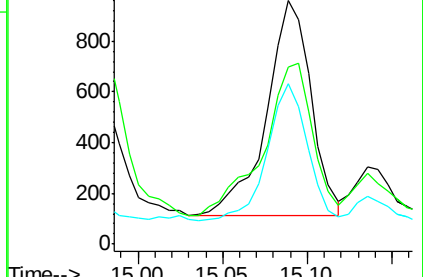
154 66.0 72.0 108.0#

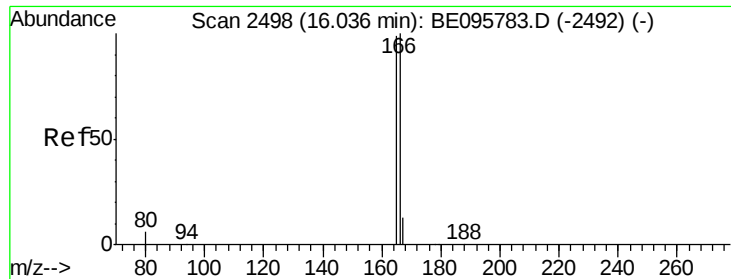


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.071 ng/ul

RT: 16.06 min Scan# 2501

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

ClientSampleId :

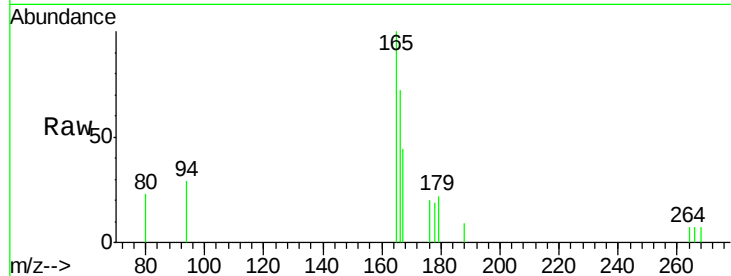
Tot Ion:166 Resp: 1166

Ion Ratio Lower Upper

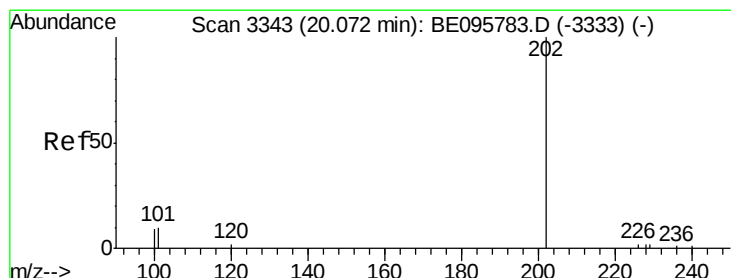
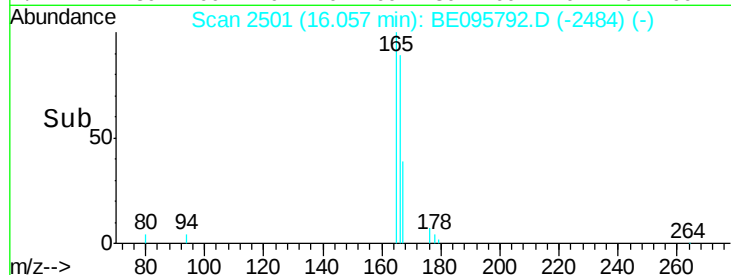
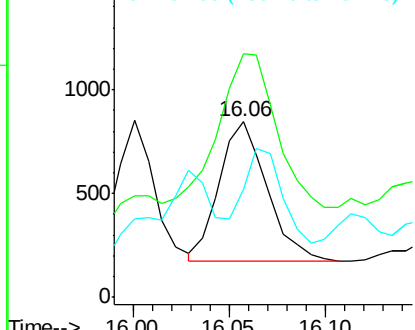
166 100

165 138.7 73.4 110.2#

167 61.6 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: 160.877 ng/ul

RT: 20.09 min Scan# 3347

Delta R.T. 0.02 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

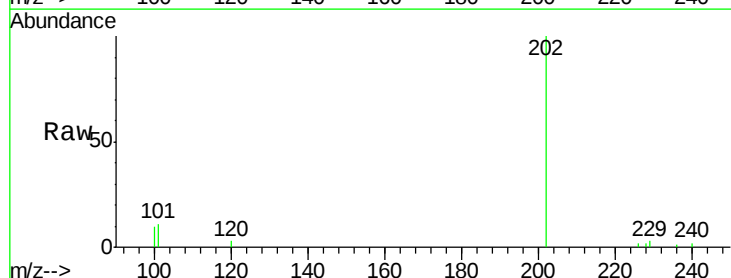
Tgt Ion:202 Resp: 94074

Ion Ratio Lower Upper

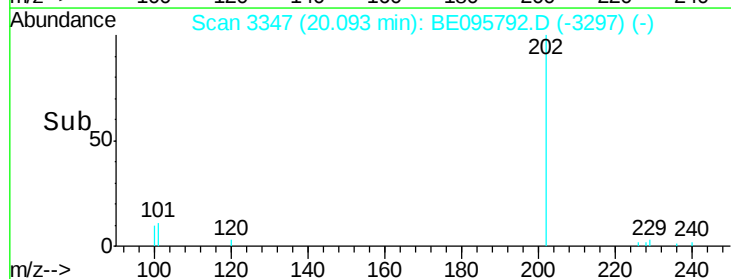
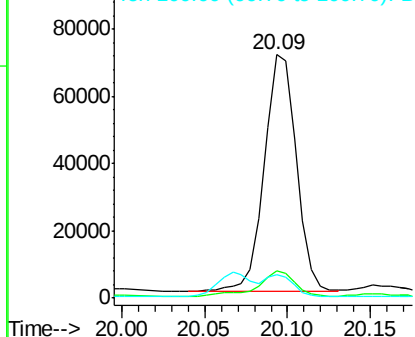
202 100

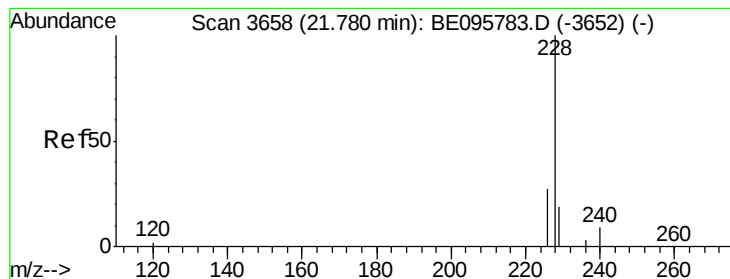
101 11.2 18.2 27.4#

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): E





#18

Benzo(a)anthracene

Concen: 115.260 ng/ul

RT: 21.86 min Scan# 3670

Delta R.T. 0.08 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

ClientSampleId :

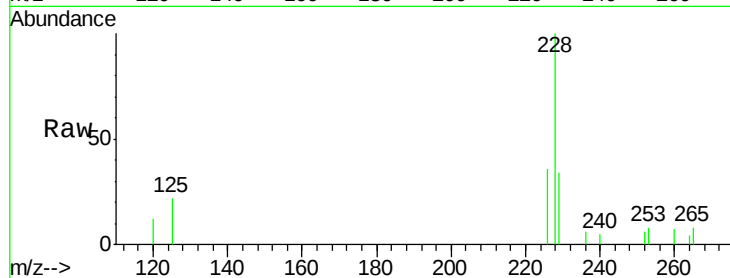
Tot Ion:228 Resp: 57272

Ion Ratio Lower Upper

228 100

229 33.9 22.8 34.2

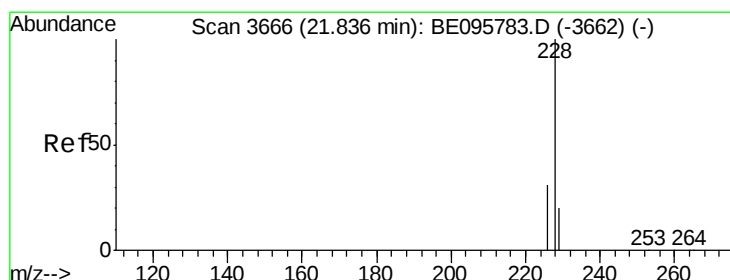
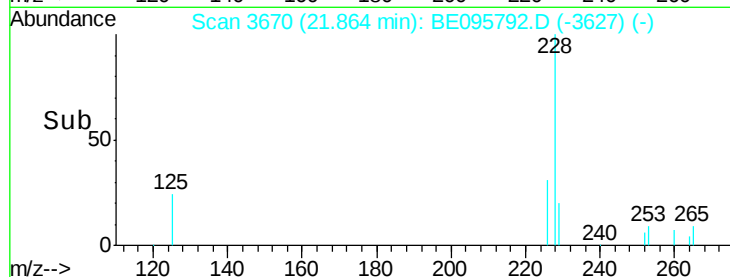
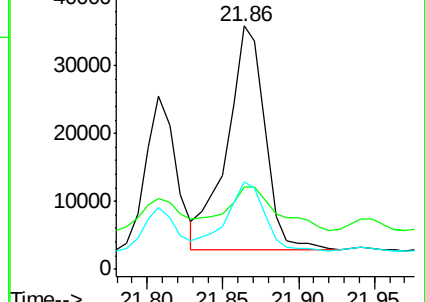
226 36.1 17.0 25.6#



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: 4.184 ng/ul

RT: 22.00 min Scan# 3689

Delta R.T. 0.16 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

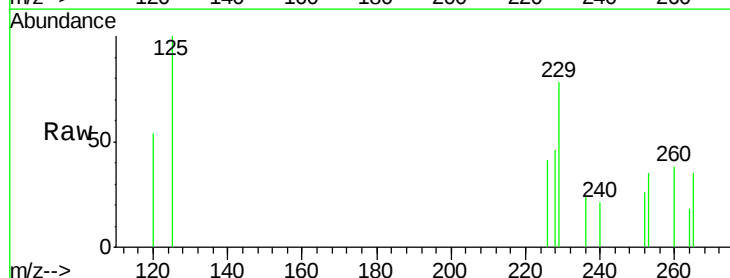
Tgt Ion:228 Resp: 2117

Ion Ratio Lower Upper

228 100

226 89.8 23.4 35.0#

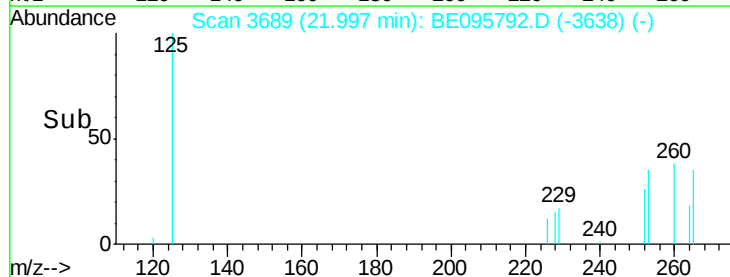
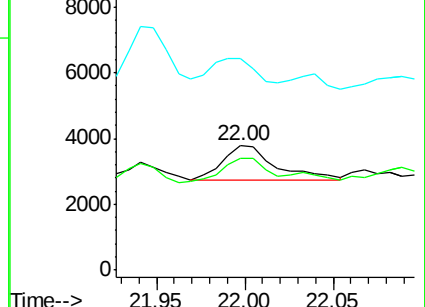
229 170.7 17.7 26.5#

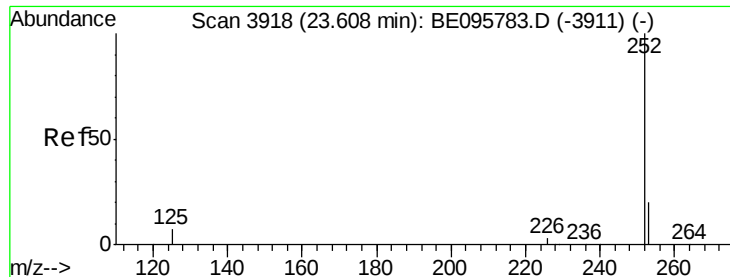


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.925 ng/ul

RT: 23.87 min Scan# 3956

Delta R.T. 0.27 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

ClientSampled :

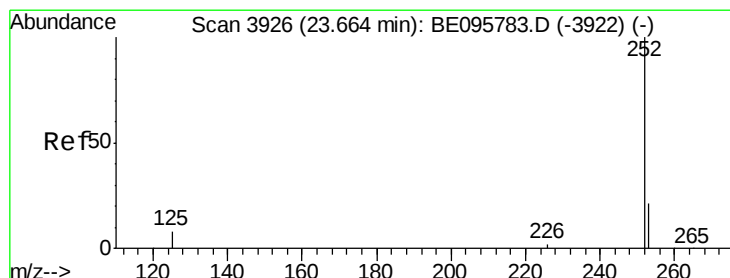
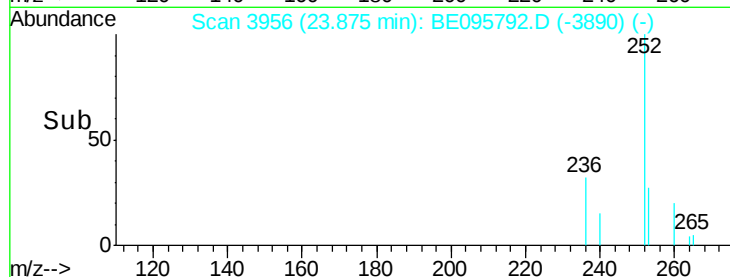
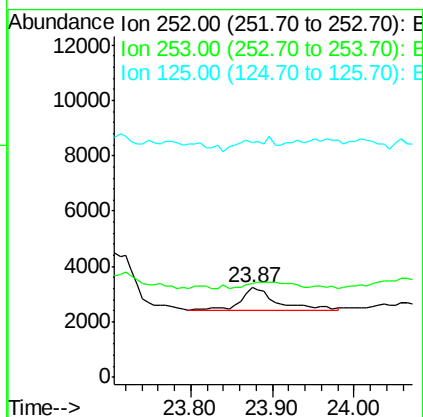
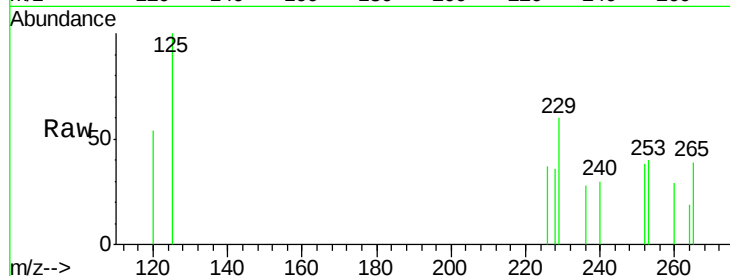
Tot Ion:252 Resp: 2450

Ion Ratio Lower Upper

252 100

253 105.5 0.0 64.2#

125 262.3 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.973 ng/ul

RT: 23.87 min Scan# 3956

Delta R.T. 0.21 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

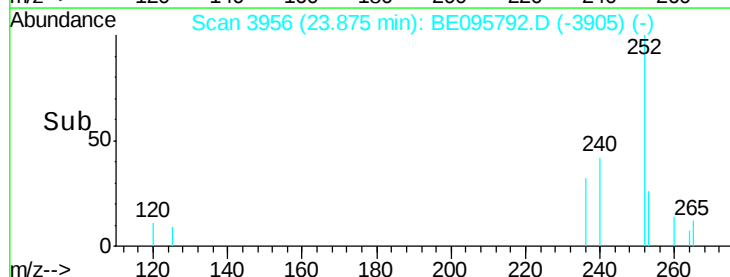
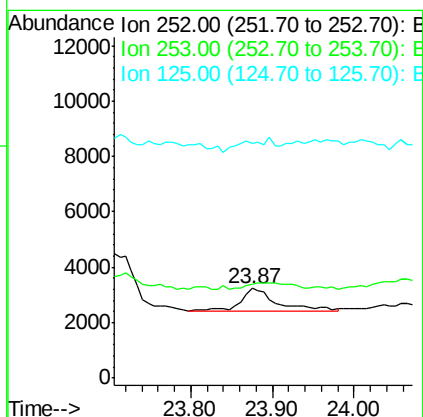
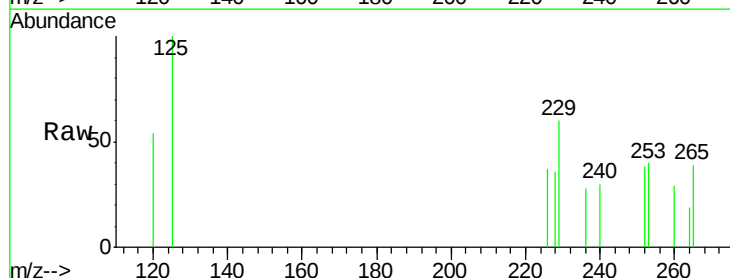
Tgt Ion:252 Resp: 2450

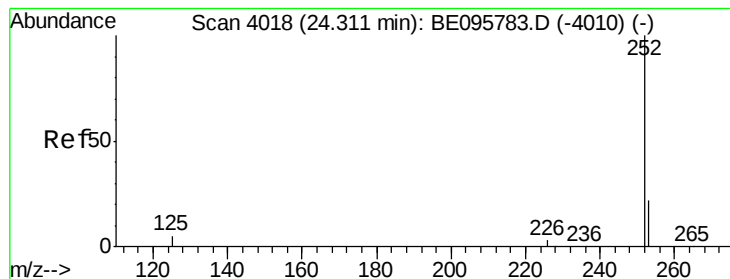
Ion Ratio Lower Upper

252 100

253 105.5 24.5 36.7#

125 262.3 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.944 ng/ul

RT: 24.56 min Scan# 4053

Delta R.T. 0.25 min

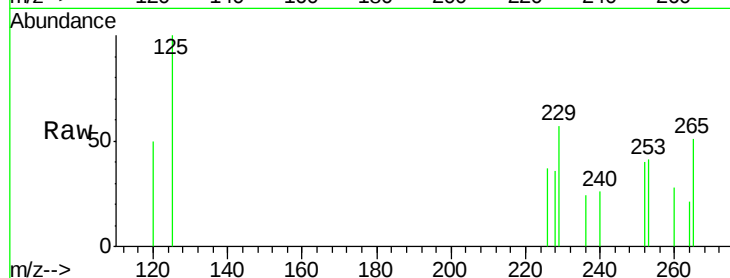
Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

Instrument :

BNA_E

ClientSampled :



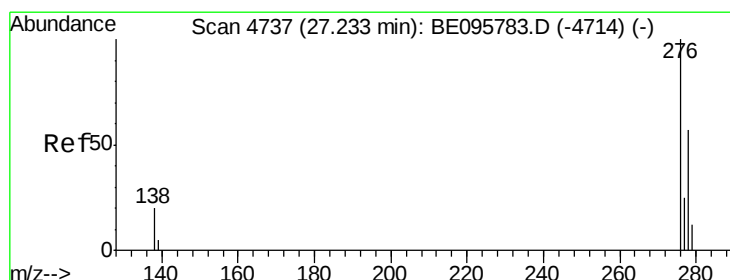
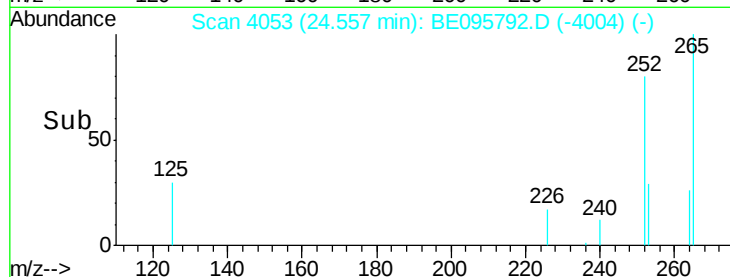
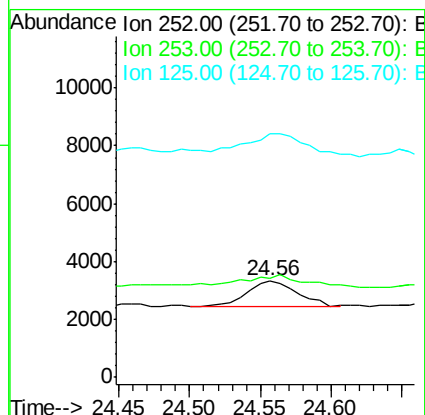
Tot Ion:252 Resp: 2283

Ion Ratio Lower Upper

252 100

253 102.7 28.5 42.7#

125 251.3 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.997 ng/ul

RT: 27.36 min Scan# 4772

Delta R.T. 0.13 min

Lab File: BE095792.D

Acq: 15 Mar 2018 7:58

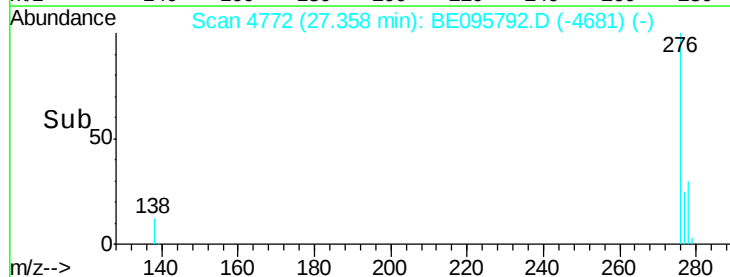
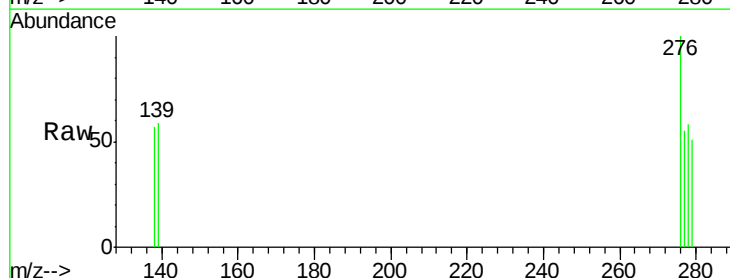
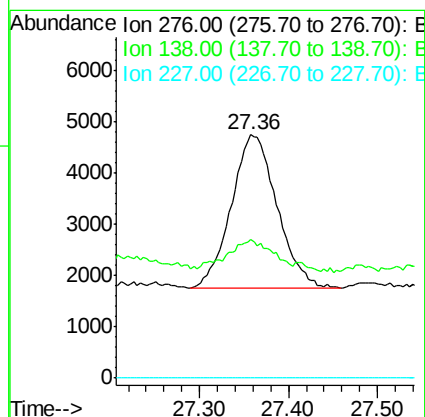
Tgt Ion:276 Resp: 10724

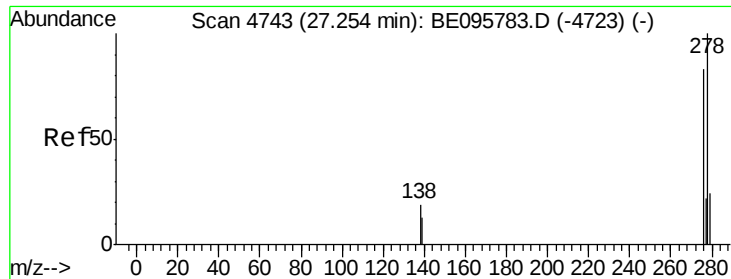
Ion Ratio Lower Upper

276 100

138 17.3 28.0 42.0#

227 0.0 8.0 12.0#

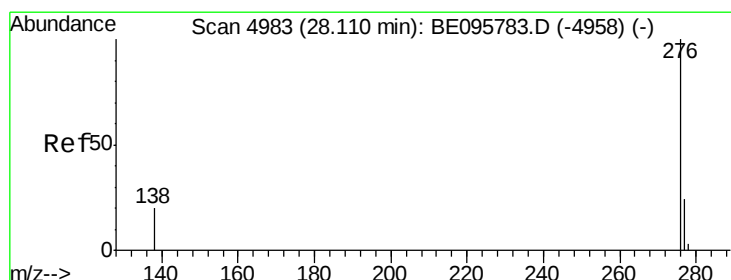
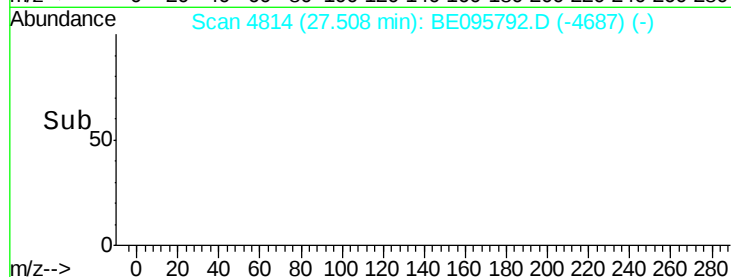
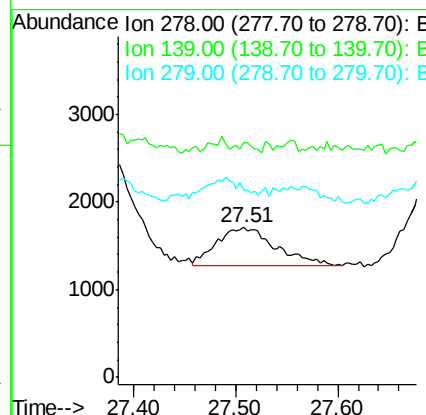
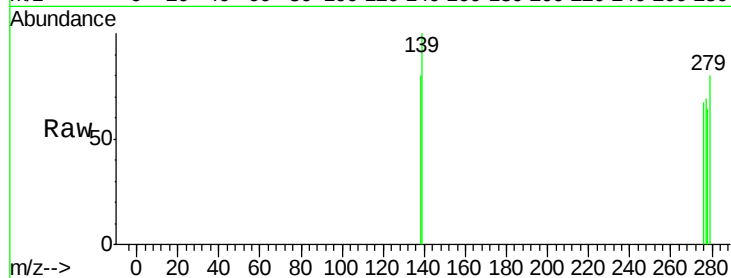




#25
Dibenzo(a,h)anthracene
Concen: 0.824 ng/ul
RT: 27.51 min Scan# 4814
Delta R.T. 0.25 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1768
Ion Ratio Lower Upper
278 100
139 156.5 17.4 26.0#
279 125.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 14.981 ng/ul
RT: 28.26 min Scan# 5025
Delta R.T. 0.15 min
Lab File: BE095792.D
Acq: 15 Mar 2018 7:58

Tgt Ion:276 Resp: 34525
Ion Ratio Lower Upper
276 100
138 33.6 21.8 32.8#
277 38.3 20.5 30.7#

