

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095793.D
 Acq On : 15 Mar 2018 8:34
 Operator : SJ/JU
 Sample : J1813-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F36

Quant Time: Mar 15 10:59:30 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

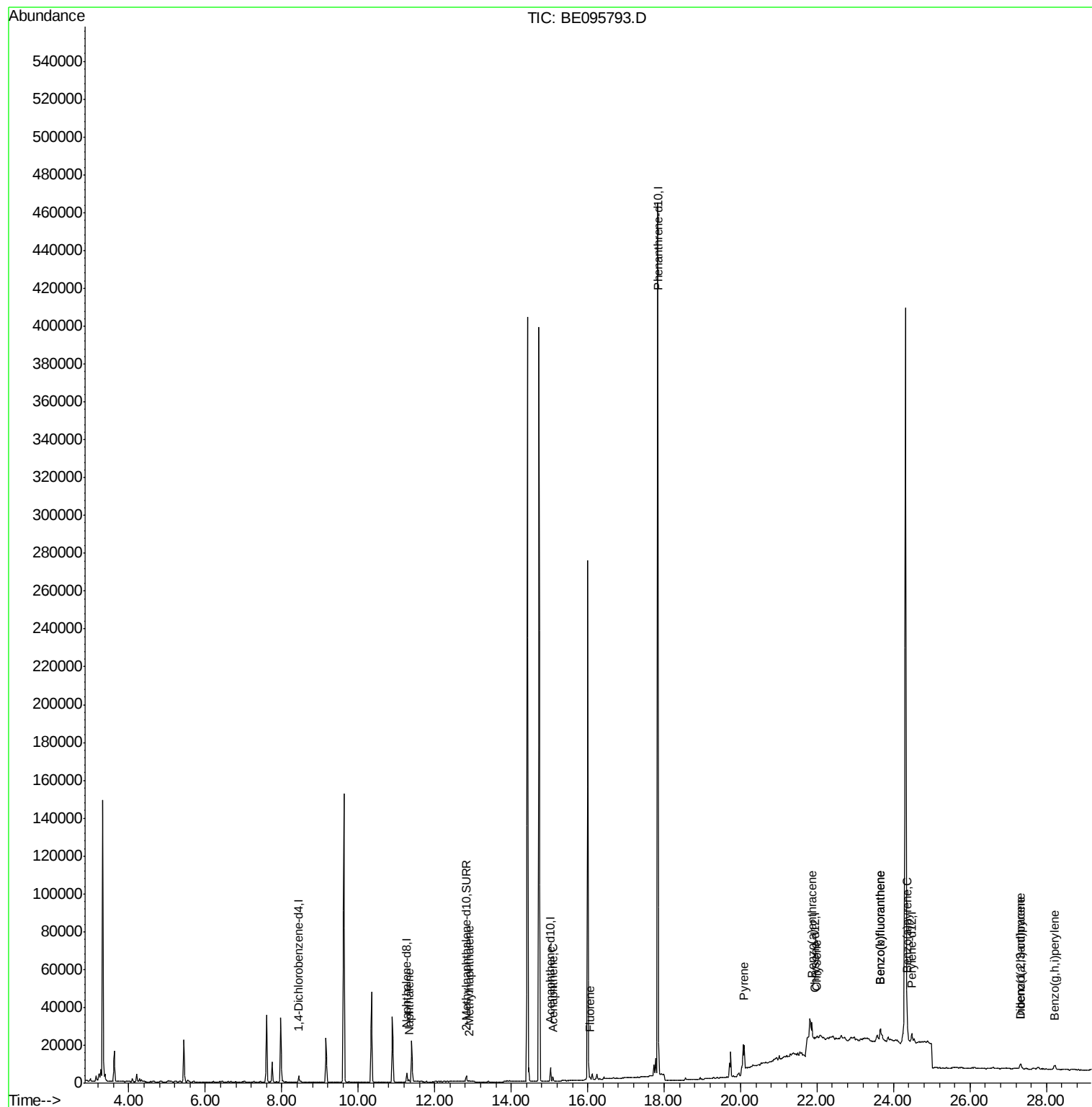
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2115	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	6320	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.03	164	3831	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.84	188	565564	0.40	ng/ul	0.13
16) Chrysene-d12	21.94	240	116	0.40	ng/ul	0.14
20) Perylene-d12	24.48	264	8201	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	4141	0.39	ng/ul	0.02
14) Fluoranthene-d10	19.81	212	71	0.00	ng/ul	0.13
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1338	0.076	ng/ul#	81
5) 2-Methylnaphthalene	12.90	142	525	0.043	ng/ul	97
8) Acenaphthene	15.09	153	1340	0.092	ng/ul	93
9) Fluorene	16.06	166	859	0.054	ng/ul#	69
17) Pyrene	20.10	202	14365	32.613	ng/ul#	79
18) Benzo(a)anthracene	21.86	228	9879	26.394	ng/ul#	47
19) Chrysene	22.00	228	1124	2.949	ng/ul#	1
21) Benzo(b)fluoranthene	23.66	252	15633	0.550	ng/ul#	35
22) Benzo(k)fluoranthene	23.66	252	15633	0.579	ng/ul#	31
23) Benzo(a)pyrene	24.36	252	8419	0.325	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	27.32	276	5535	0.192	ng/ul#	67
25) Dibenzo(a,h)anthracene	27.32	278	1843	0.080	ng/ul#	1
26) Benzo(g,h,i)perylene	28.22	276	6165	0.250	ng/ul#	40

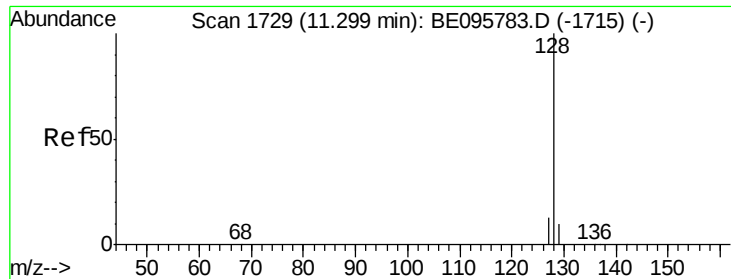
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

ClientSampleId :

F6F36

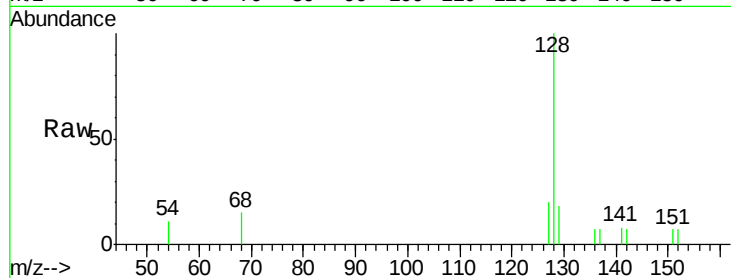
Tot Ion:128 Resp: 1338

Ion Ratio Lower Upper

128 100

129 18.3 11.3 16.9#

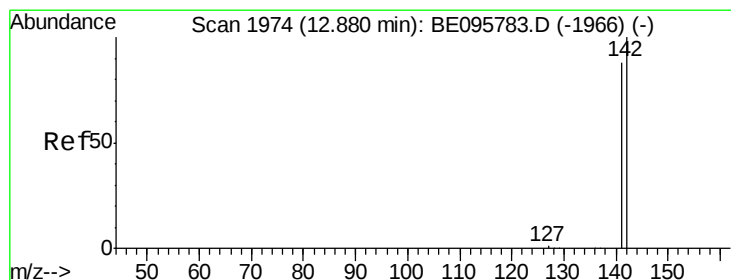
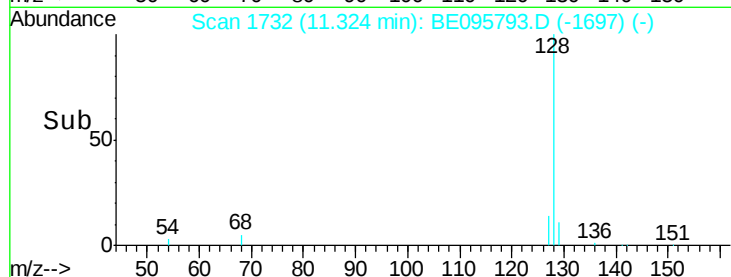
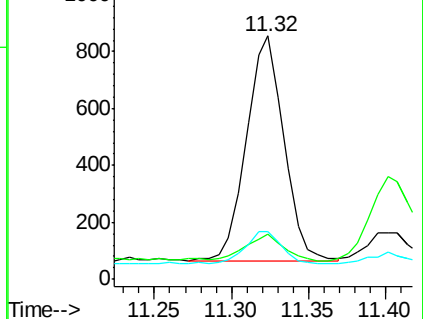
127 19.7 4.0 6.0#



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: 0.043 ng/ul

RT: 12.90 min Scan# 1976

Delta R.T. 0.02 min

Lab File: BE095793.D

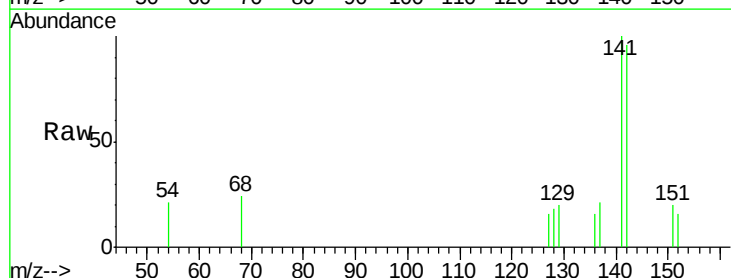
Acq: 15 Mar 2018 8:34

Tgt Ion:142 Resp: 525

Ion Ratio Lower Upper

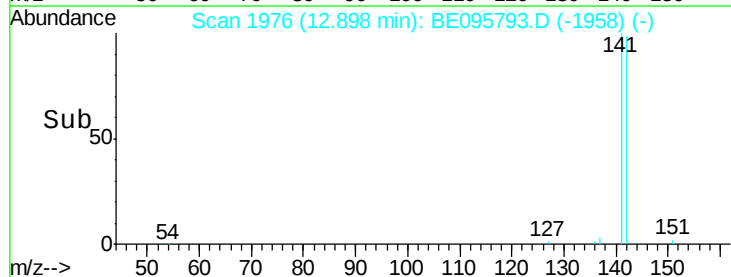
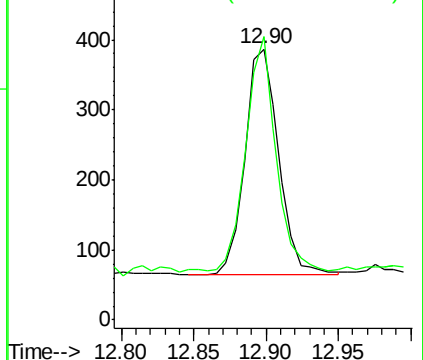
142 100

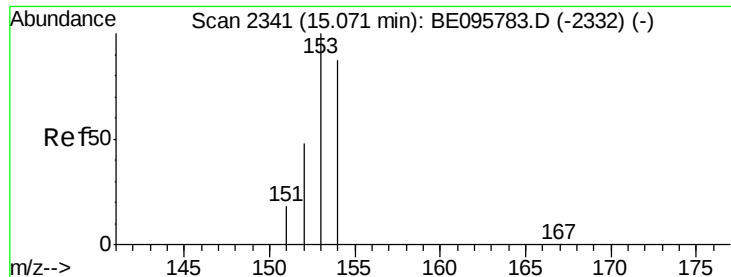
141 93.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.092 ng/ul

RT: 15.09 min Scan# 2343

Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

ClientSampleId :

F6F36

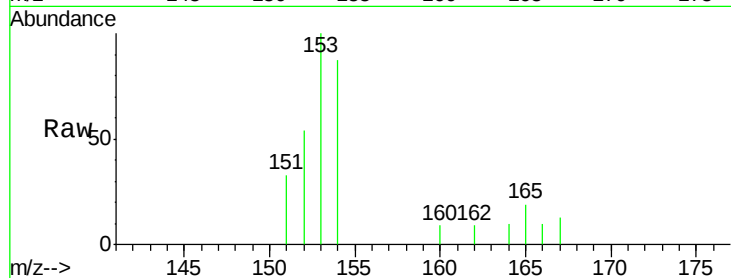
Tot Ion:153 Resp: 1340

Ion Ratio Lower Upper

153 100

152 53.8 36.0 54.0

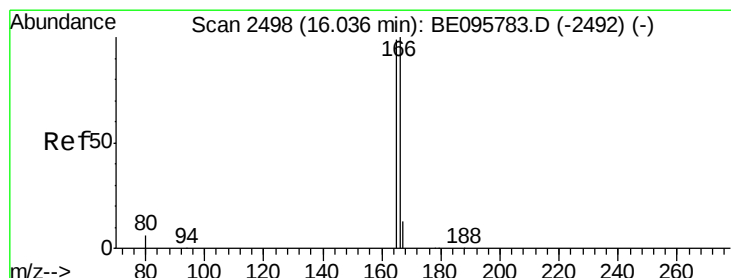
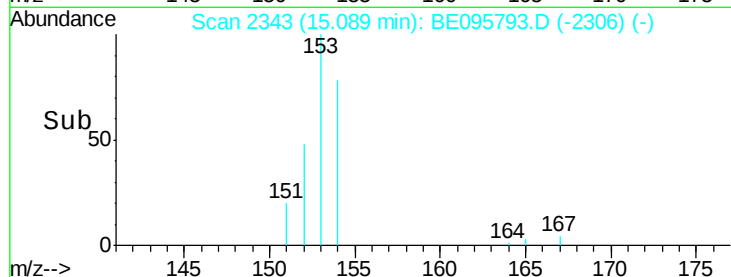
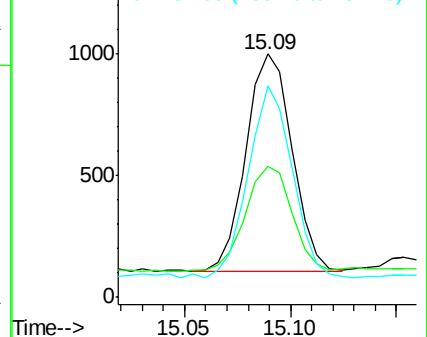
154 86.8 72.0 108.0



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: 0.054 ng/ul

RT: 16.06 min Scan# 2500

Delta R.T. 0.02 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

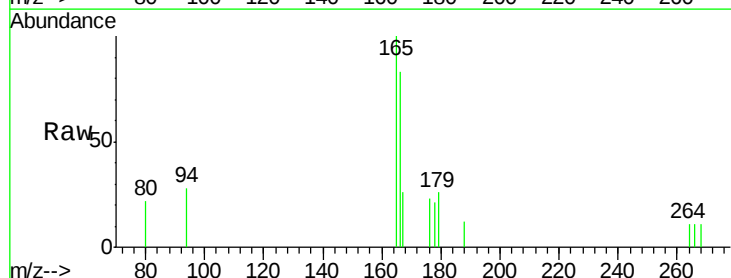
Tgt Ion:166 Resp: 859

Ion Ratio Lower Upper

166 100

165 121.0 73.4 110.2#

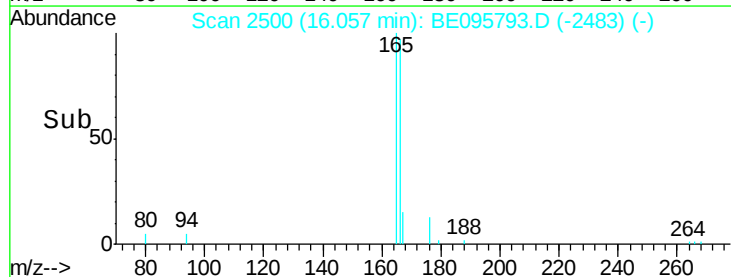
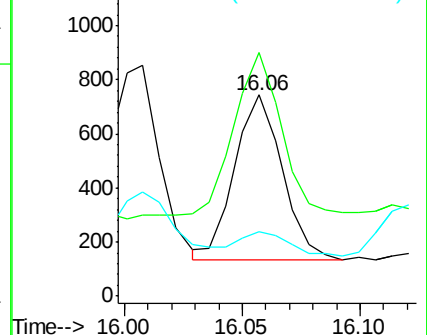
167 31.7 14.6 22.0#

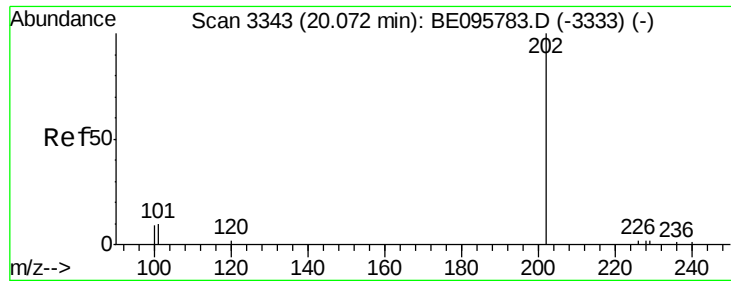


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 32.613 ng/ul

RT: 20.10 min Scan# 3346

Delta R.T. 0.03 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

ClientSampleId :

F6F36

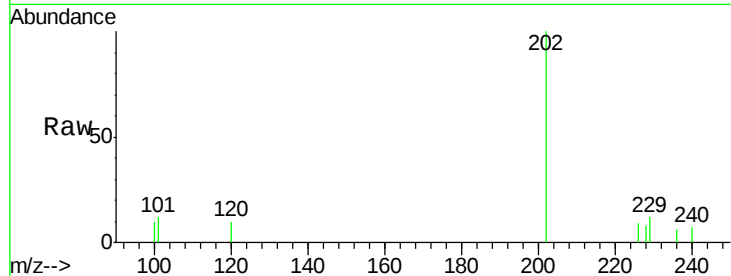
Tot Ion:202 Resp: 14365

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

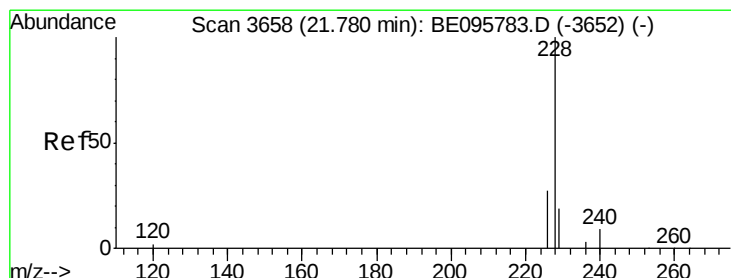
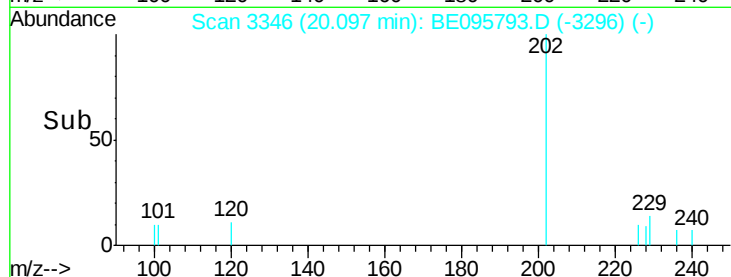
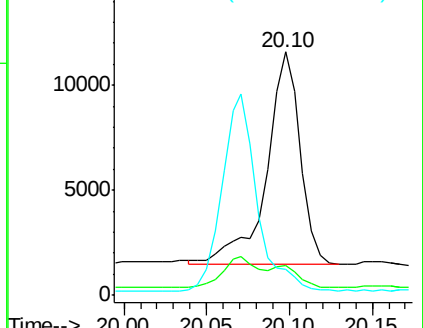
100 10.5 15.6 23.4#



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: 26.394 ng/ul

RT: 21.86 min Scan# 3668

Delta R.T. 0.08 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

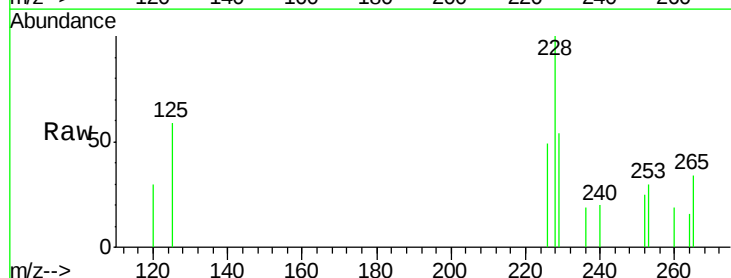
Tgt Ion:228 Resp: 9879

Ion Ratio Lower Upper

228 100

229 54.5 22.8 34.2#

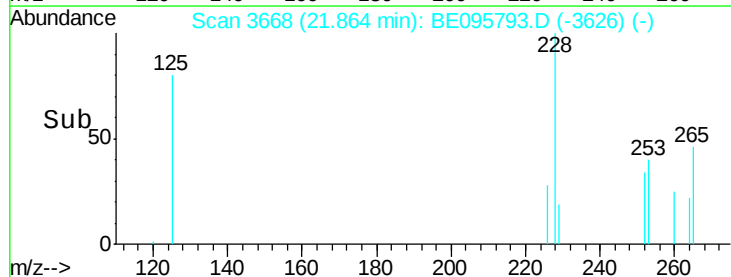
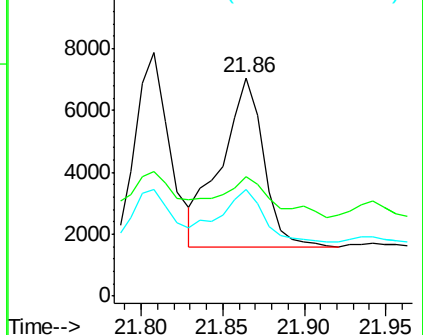
226 48.7 17.0 25.6#

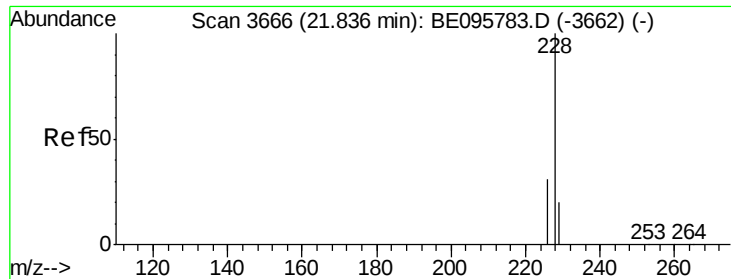


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.949 ng/ul

RT: 22.00 min Scan# 3687

Delta R.T. 0.16 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

ClientSampleId :

F6F36

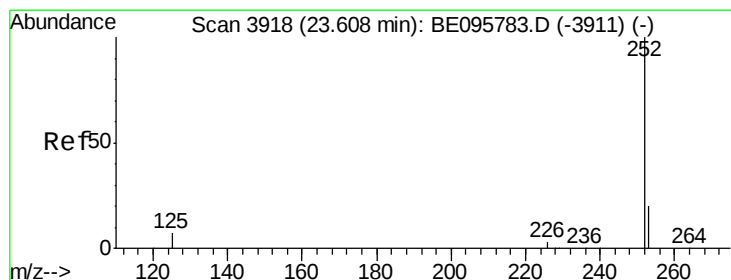
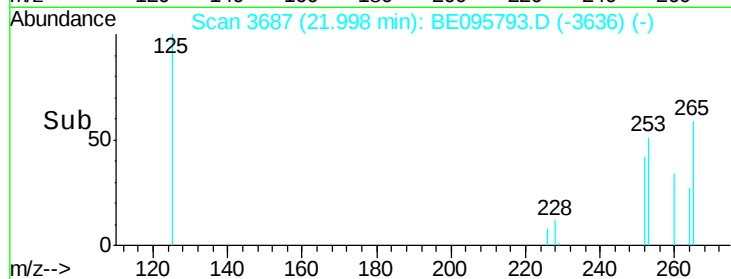
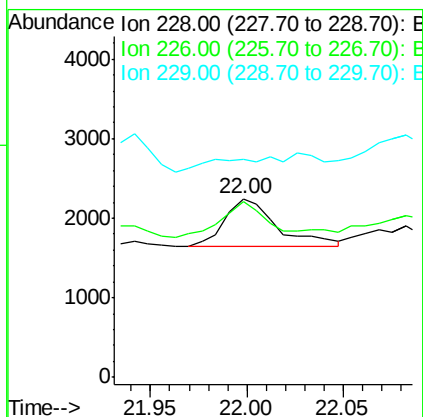
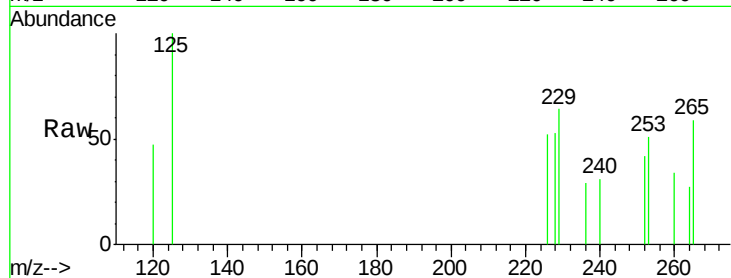
Tot Ion:228 Resp: 1124

Ion Ratio Lower Upper

228 100

226 98.0 23.4 35.0#

229 121.8 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.550 ng/ul

RT: 23.66 min Scan# 3923

Delta R.T. 0.05 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

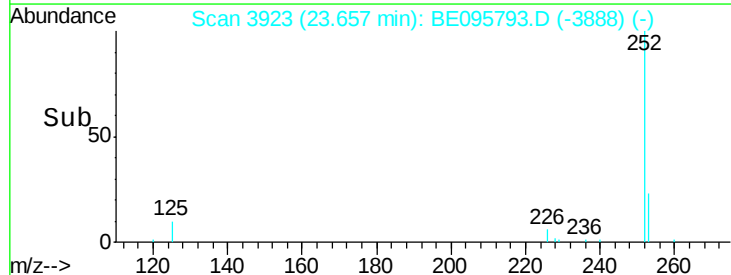
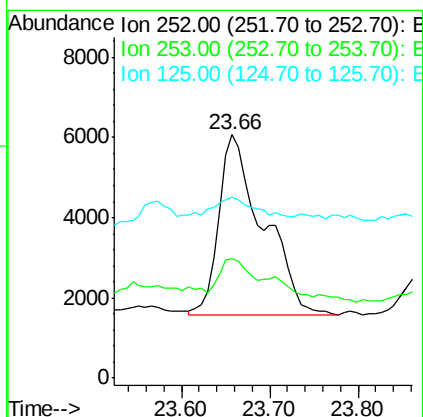
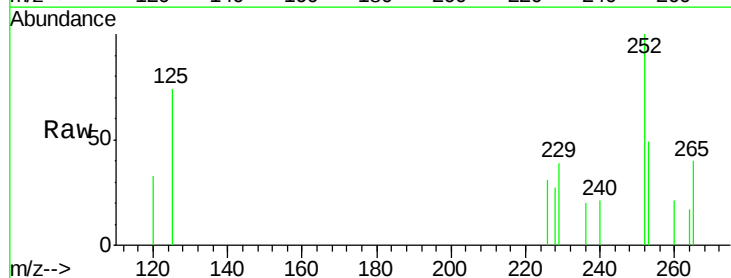
Tgt Ion:252 Resp: 15633

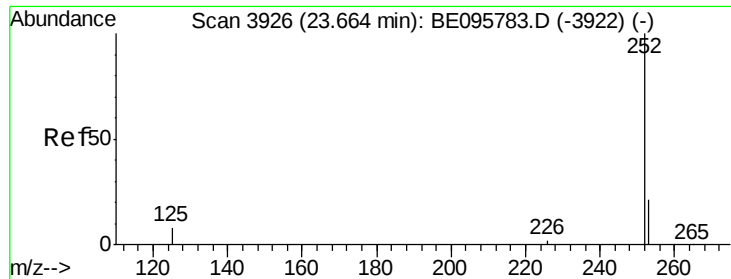
Ion Ratio Lower Upper

252 100

253 48.9 0.0 64.2

125 74.2 0.0 35.0#

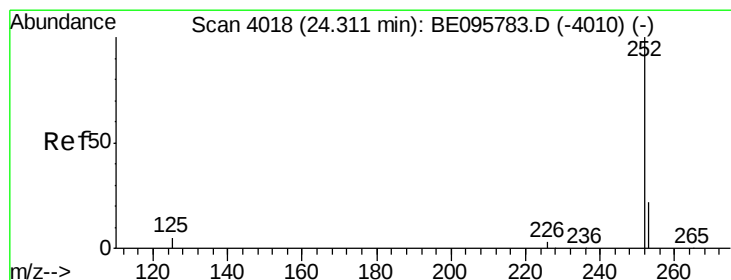
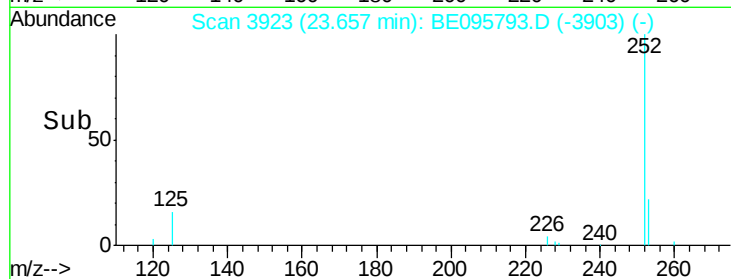
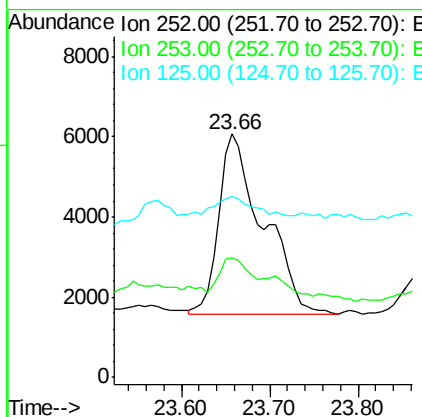
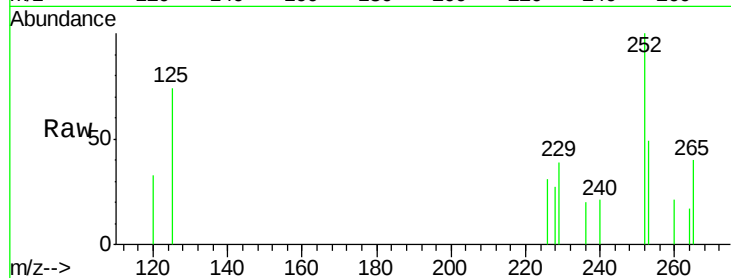




#22
Benzo(k)fluoranthene
Concen: 0.579 ng/ul
RT: 23.66 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

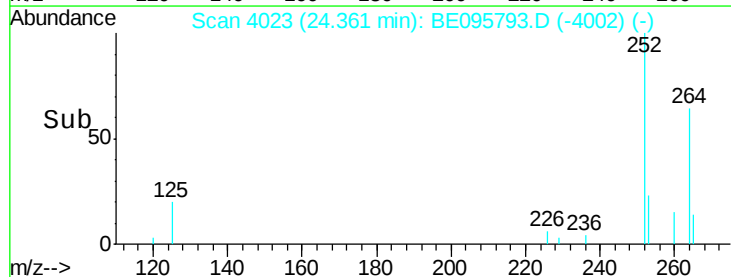
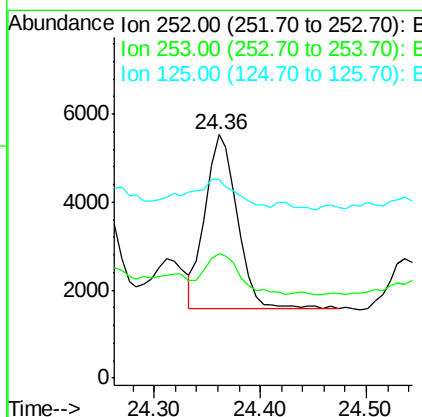
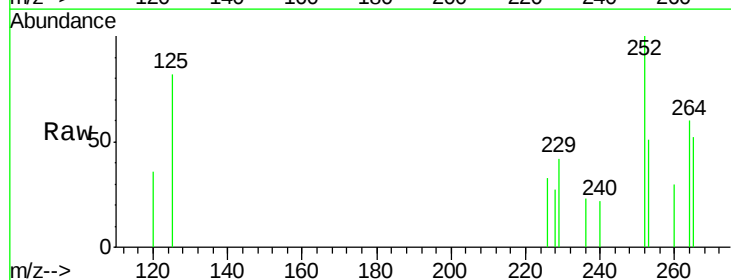
Instrument :
BNA_E
ClientSampleId :
F6F36

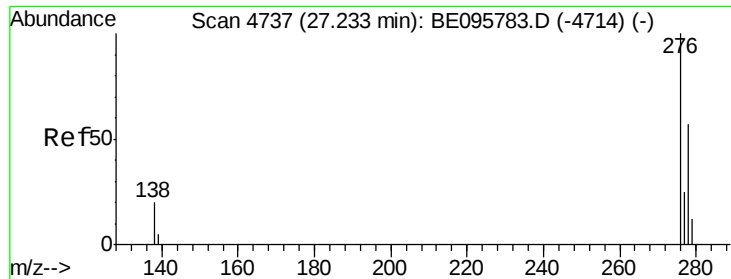
Tot Ion:252 Resp: 15633
Ion Ratio Lower Upper
252 100
253 48.9 24.5 36.7#
125 74.2 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 24.36 min Scan# 4023
Delta R.T. 0.05 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Tgt Ion:252 Resp: 8419
Ion Ratio Lower Upper
252 100
253 51.2 28.5 42.7#
125 81.6 18.1 27.1#



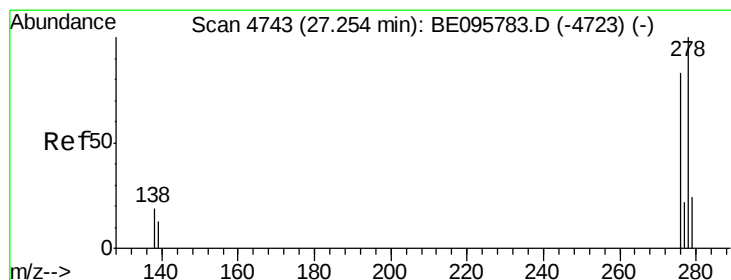
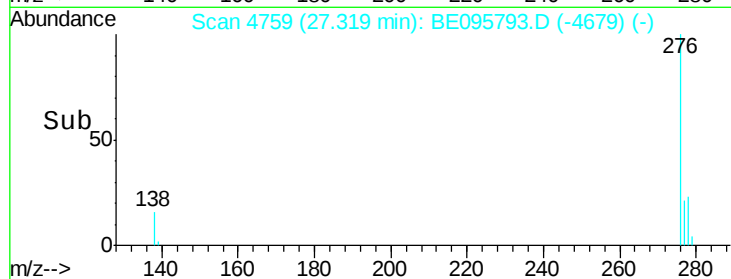
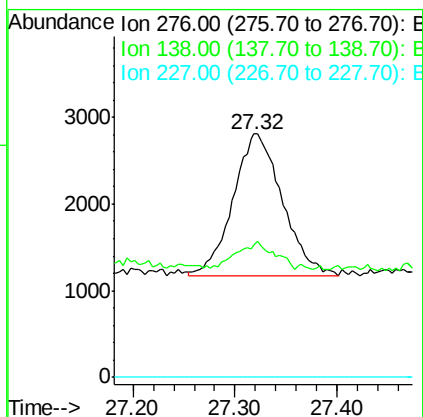
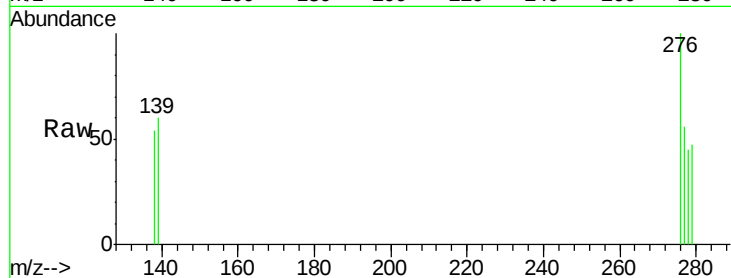


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 27.32 min Scan# 4759
Delta R.T. 0.09 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Instrument :
BNA_E
ClientSampled :
F6F36

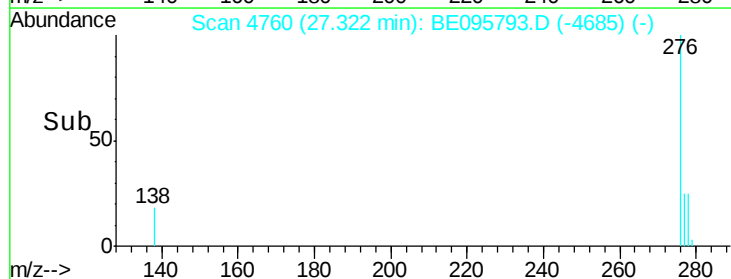
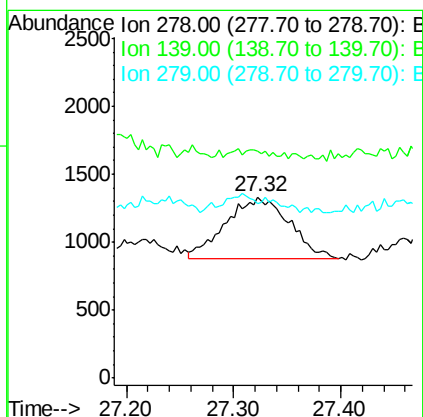
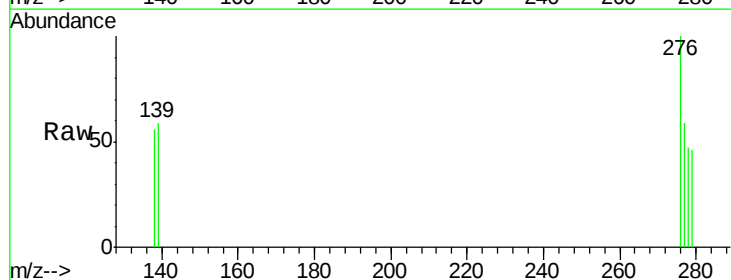
Tot Ion:276 Resp: 5535
Ion Ratio Lower Upper
276 100
138 14.6 28.0 42.0#
227 0.0 8.0 12.0#

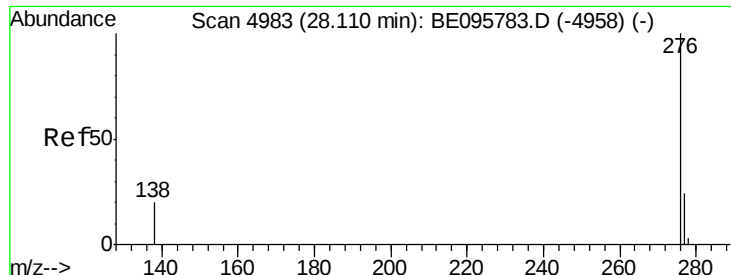


#25

Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 27.32 min Scan# 4760
Delta R.T. 0.07 min
Lab File: BE095793.D
Acq: 15 Mar 2018 8:34

Tgt Ion:278 Resp: 1843
Ion Ratio Lower Upper
278 100
139 125.1 17.4 26.0#
279 96.5 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.250 ng/ul

RT: 28.22 min Scan# 5011

Delta R.T. 0.11 min

Lab File: BE095793.D

Acq: 15 Mar 2018 8:34

Instrument :

BNA_E

ClientSampleId :

F6F36

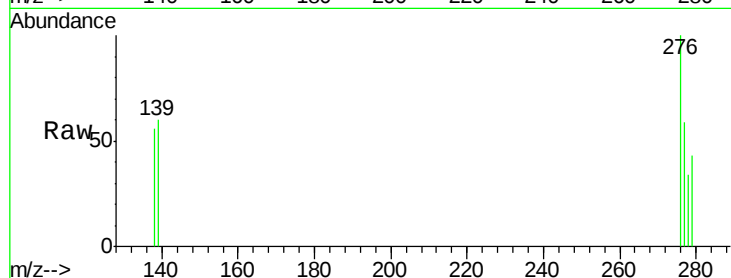
Tot Ion: 276 Resp: 6165

Ion Ratio Lower Upper

276 100

138 56.0 21.8 32.8#

277 59.1 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

