

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095765.D
 Acq On : 14 Mar 2018 15:46
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:37:31 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 01:35:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1907	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5513	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3362	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	291380	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.79
20) Perylene-d12	24.42	264	8241	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	1699	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

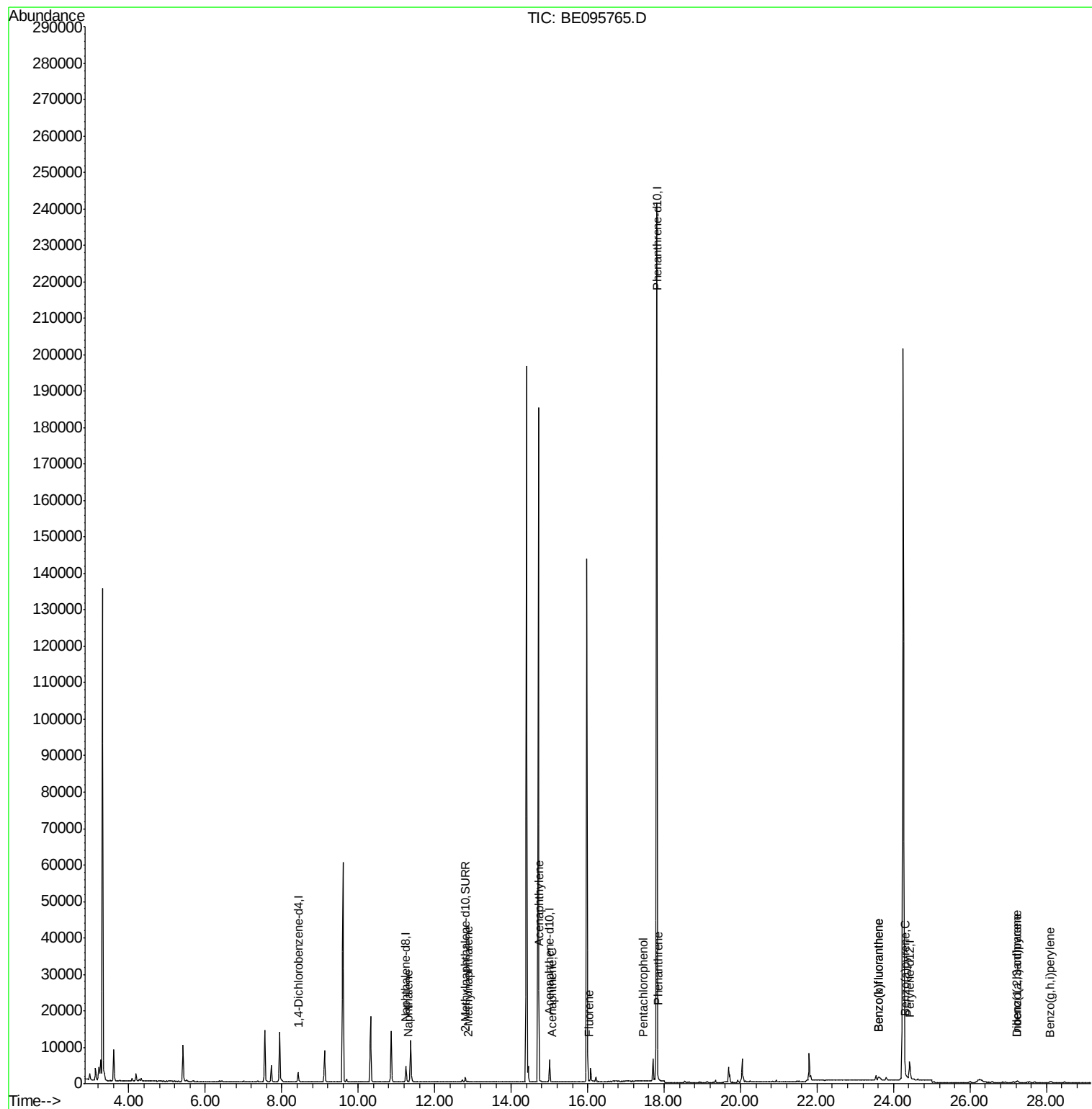
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	141	0.009	ng/ul#	10
5) 2-Methylnaphthalene	12.87	142	119	0.011	ng/ul	97
7) Acenaphthylene	14.73	152	67	0.004	ng/ul#	1
8) Acenaphthene	15.07	153	52	0.004	ng/ul#	80
9) Fluorene	16.04	166	41	0.003	ng/ul#	64
11) Pentachlorophenol	17.46	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.84	178	844	0.001	ng/ul#	37
21) Benzo(b)fluoranthene	23.61	252	2331	0.082	ng/ul	89
22) Benzo(k)fluoranthene	23.61	252	2319	0.085	ng/ul#	87
23) Benzo(a)pyrene	24.30	252	1029	0.039	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.23	276	691	0.024	ng/ul#	64
25) Dibenzo(a,h)anthracene	27.23	278	198	0.009	ng/ul#	12
26) Benzo(g,h,i)perylene	28.11	276	557	0.022	ng/ul#	67

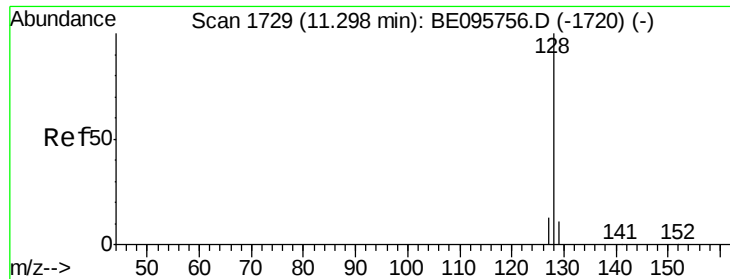
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.009 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

Instrument :

BNA_E

ClientSampleId :

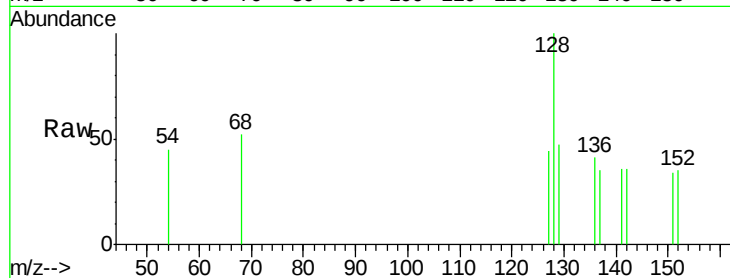
Tot Ion:128 Resp: 141

Ion Ratio Lower Upper

128 100

129 46.7 11.3 16.9#

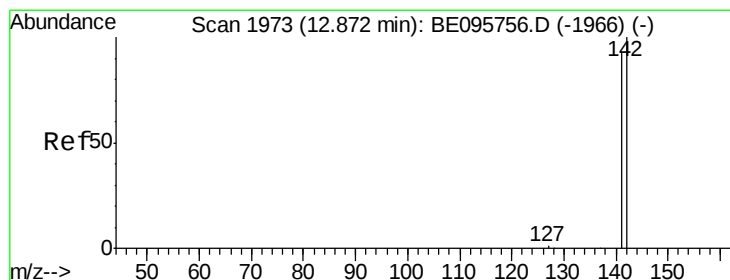
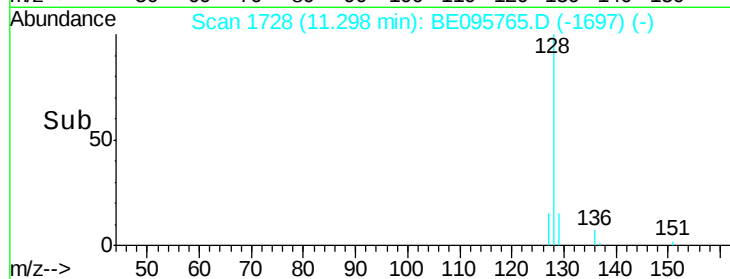
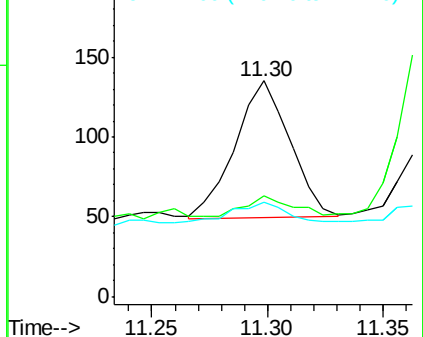
127 43.7 4.0 6.0#



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: 0.011 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE095765.D

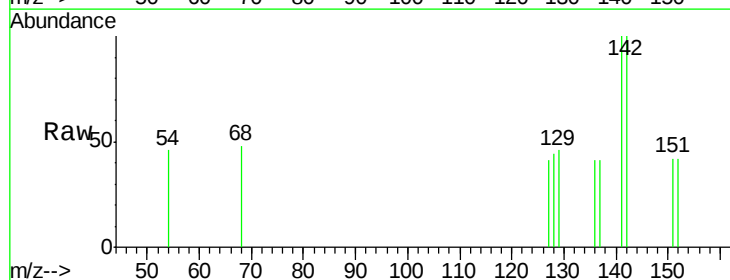
Acq: 14 Mar 2018 15:46

Tgt Ion:142 Resp: 119

Ion Ratio Lower Upper

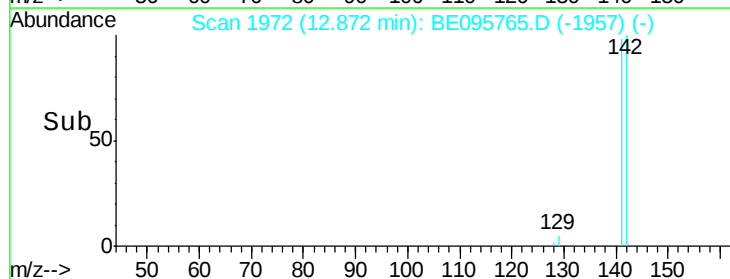
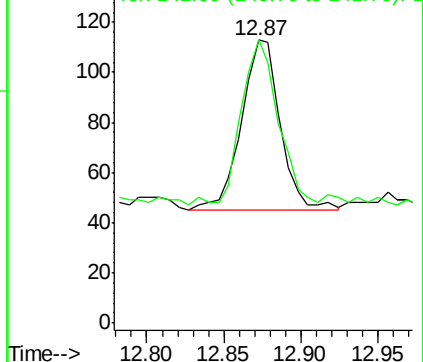
142 100

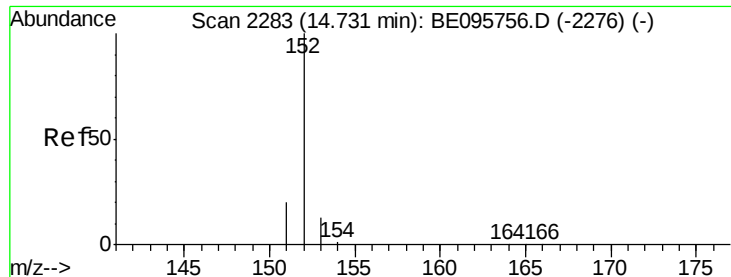
141 93.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

Instrument :

BNA_E

ClientSampleId :

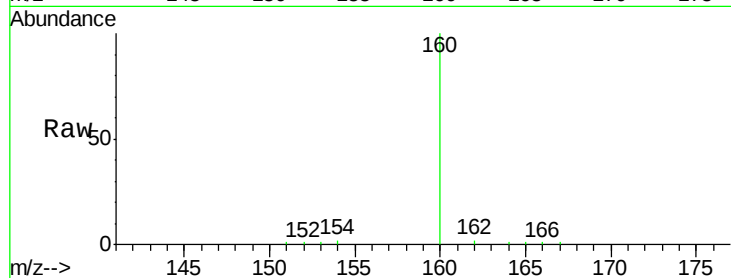
Tot Ion:152 Resp: 67

Ion Ratio Lower Upper

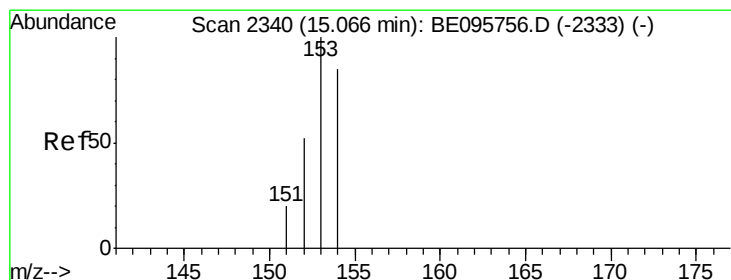
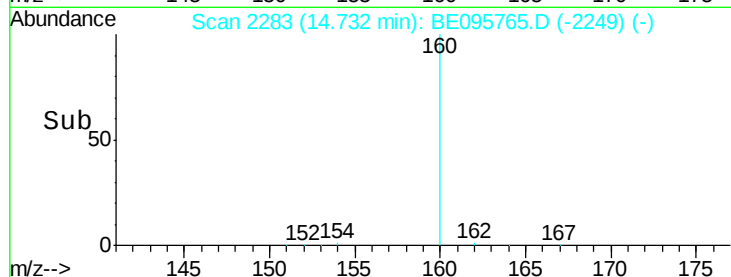
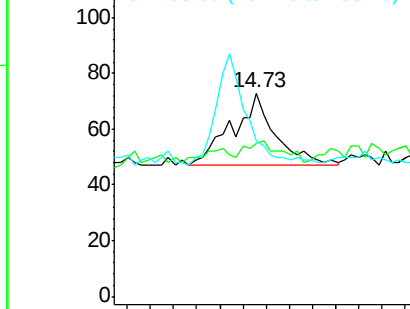
152 100

151 75.3 17.1 25.7#

153 76.7 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: 0.004 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

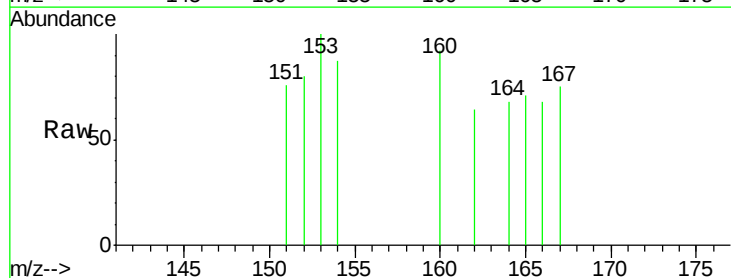
Tgt Ion:153 Resp: 52

Ion Ratio Lower Upper

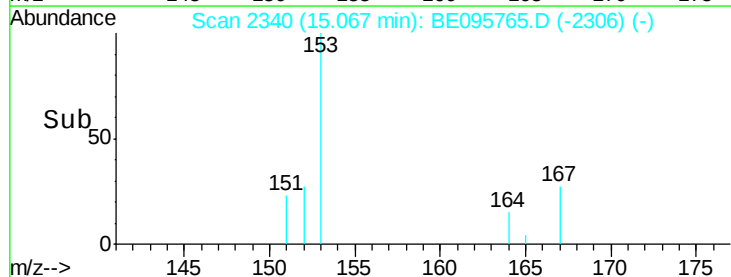
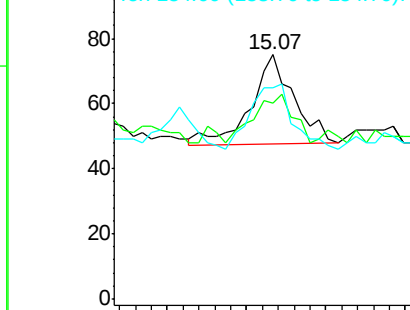
153 100

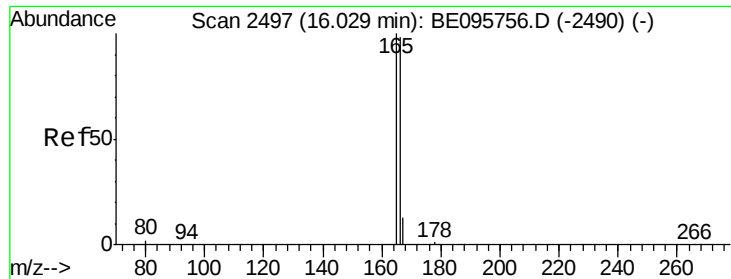
152 80.0 36.0 54.0#

154 86.7 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: 0.003 ng/ul

RT: 16.04 min Scan# 2498

Delta R.T. 0.01 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

Instrument :

BNA_E

ClientSampleId :

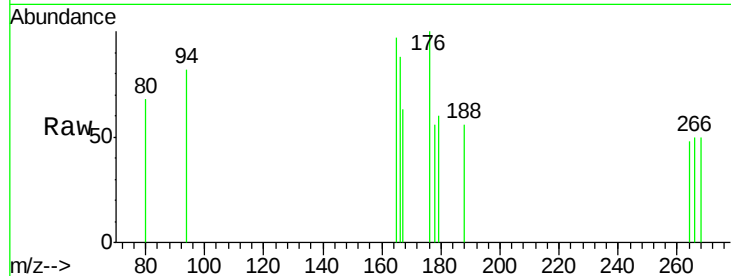
Tot Ion:166 Resp: 41

Ion Ratio Lower Upper

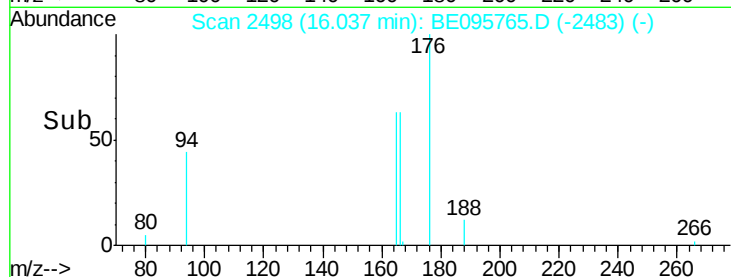
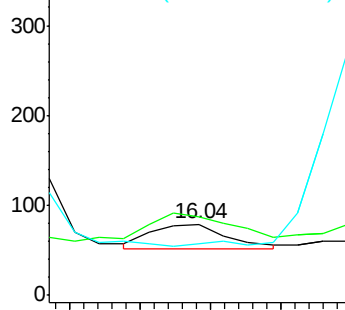
166 100

165 110.1 73.4 110.2

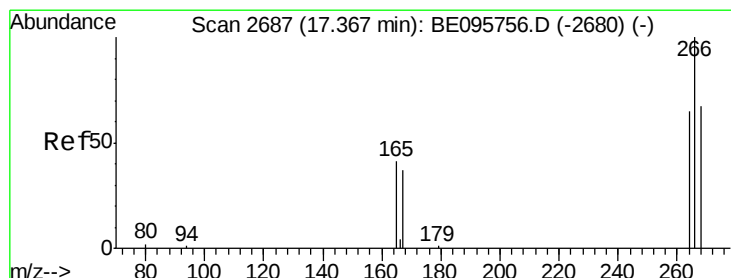
167 72.2 14.6 22.0#



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-->



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 17.46 min Scan# 2700

Delta R.T. 0.09 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

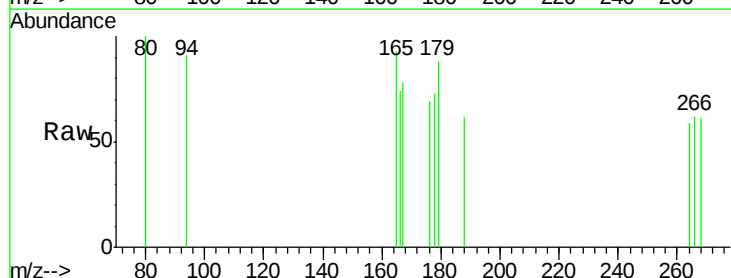
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

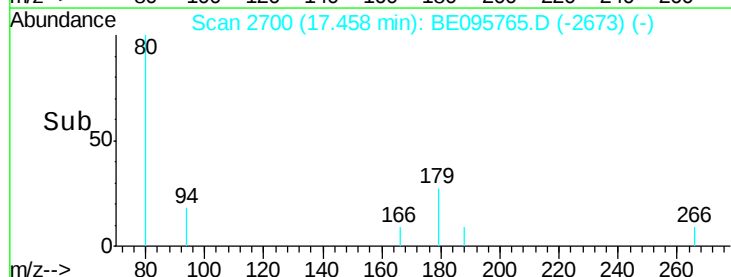
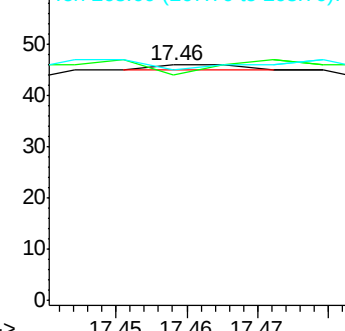
266 100

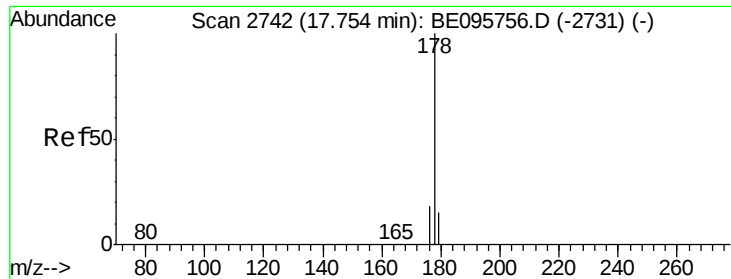
264 700.0 47.9 71.9#

268 300.0 49.8 74.8#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

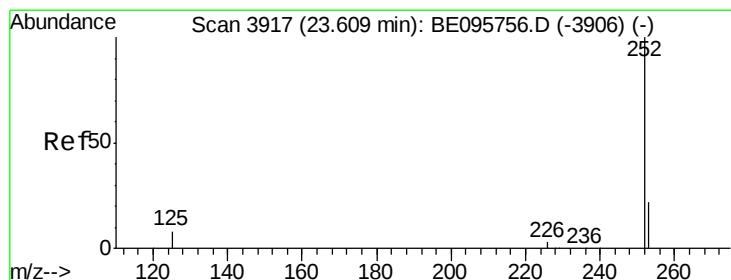
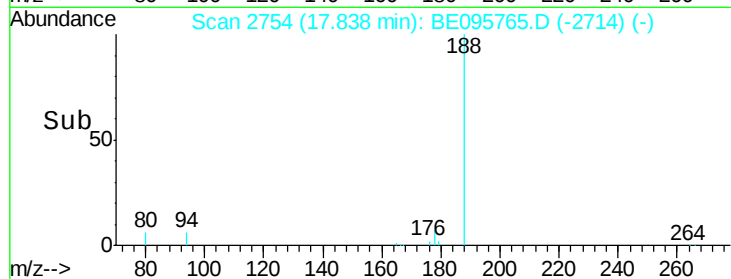
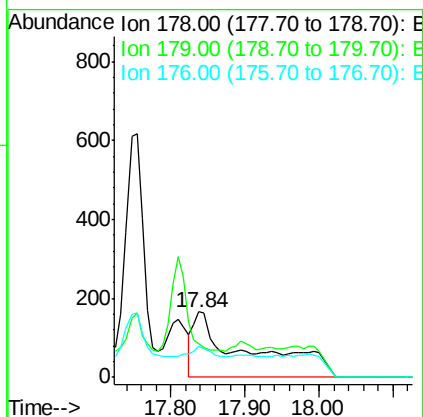
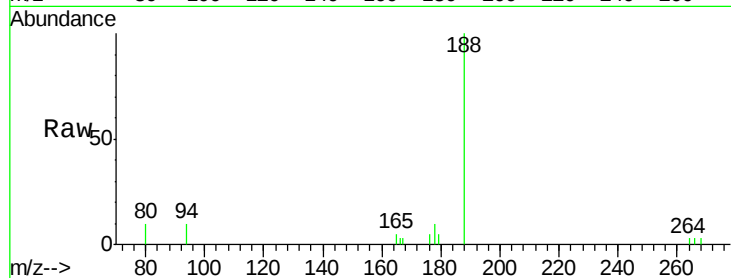




#12
Phenanthrene
Concen: 0.001 ng/ul
RT: 17.84 min Scan# 2754
Delta R.T. 0.08 min
Lab File: BE095765.D
Acq: 14 Mar 2018 15:46

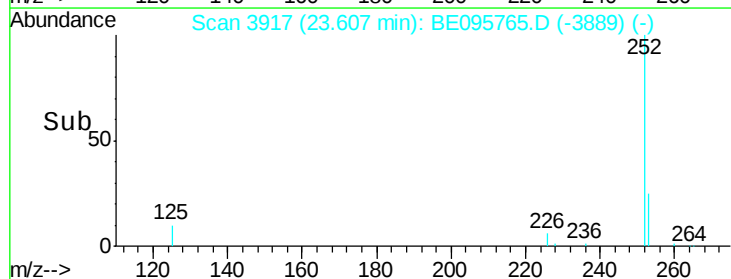
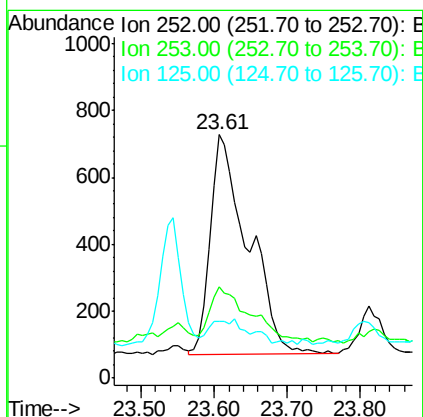
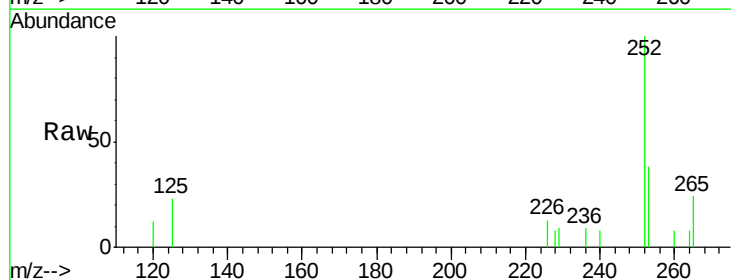
Instrument :
BNA_E
ClientSampleId :

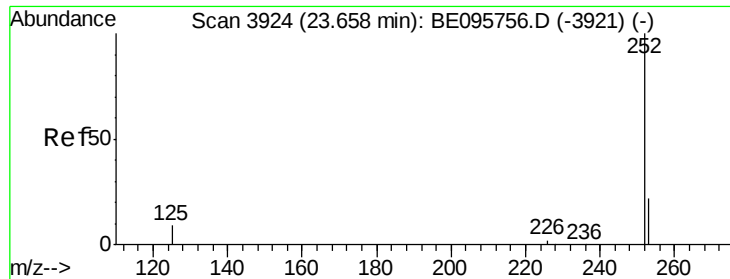
Tot Ion:178 Resp: 844
Ion Ratio Lower Upper
178 100
179 51.2 18.4 27.6#
176 47.0 13.6 20.4#



#21
Benzo(b)fluoranthene
Concen: 0.082 ng/ul
RT: 23.61 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BE095765.D
Acq: 14 Mar 2018 15:46

Tgt Ion:252 Resp: 2331
Ion Ratio Lower Upper
252 100
253 37.6 0.0 64.2
125 23.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.085 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. -0.05 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

Instrument :

BNA_E

ClientSampleId :

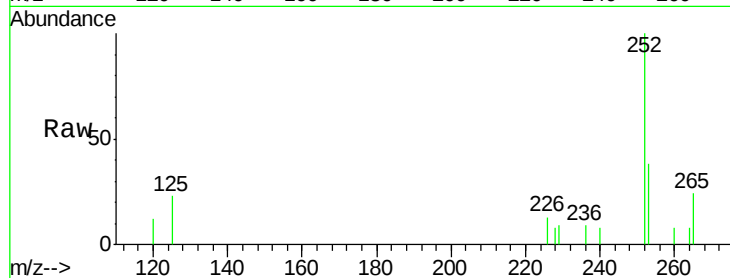
Tot Ion:252 Resp: 2319

Ion Ratio Lower Upper

252 100

253 37.6 24.5 36.7#

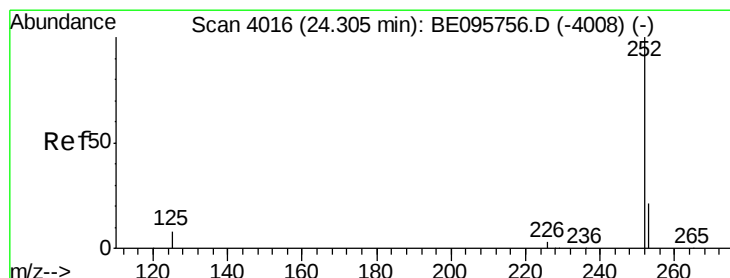
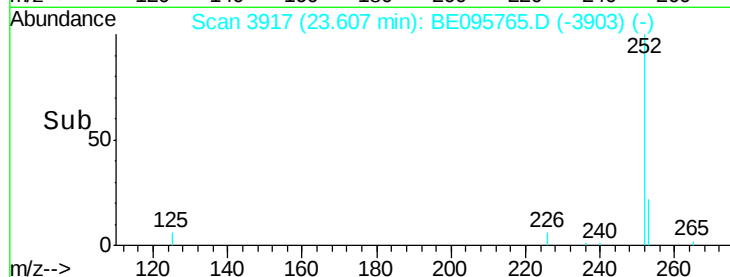
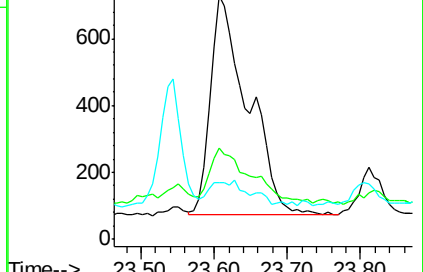
125 23.1 13.7 20.5#



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: 0.039 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. -0.00 min

Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

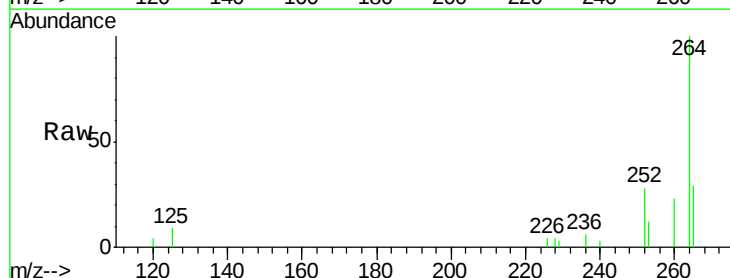
Tgt Ion:252 Resp: 1029

Ion Ratio Lower Upper

252 100

253 43.4 28.5 42.7#

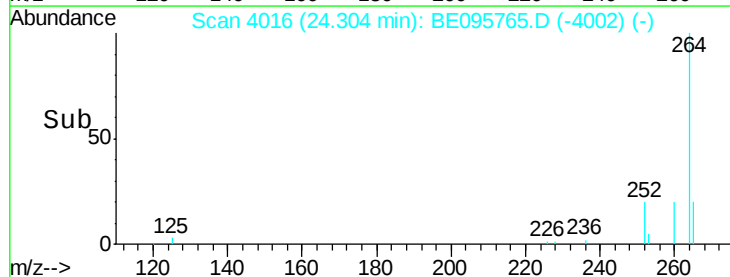
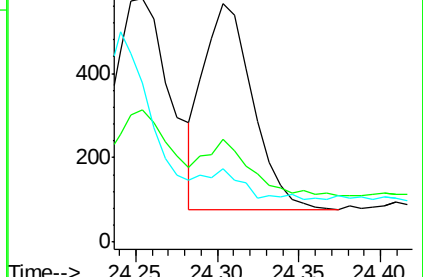
125 30.8 18.1 27.1#

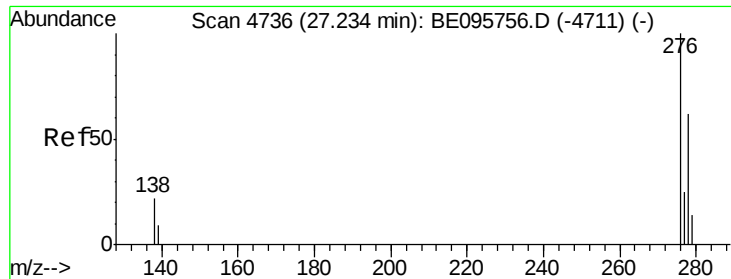


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



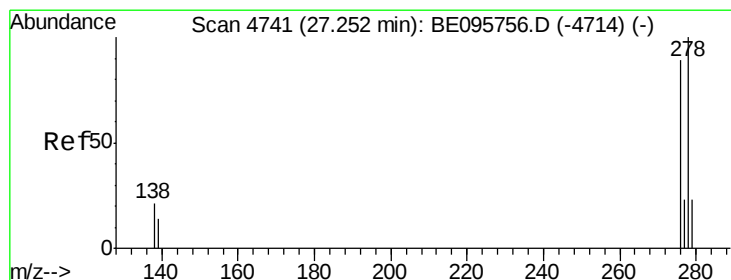
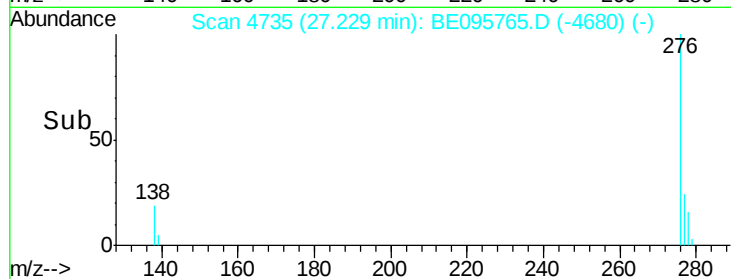
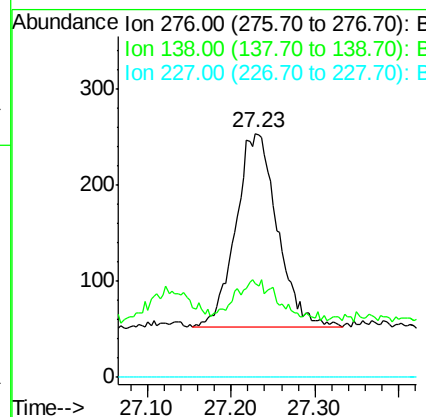
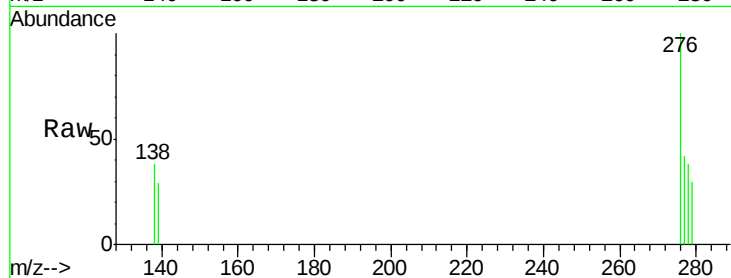


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 27.23 min Scan# 4735
Delta R.T. -0.00 min
Lab File: BE095765.D
Acq: 14 Mar 2018 15:46

Instrument :
BNA_E
ClientSampleId :

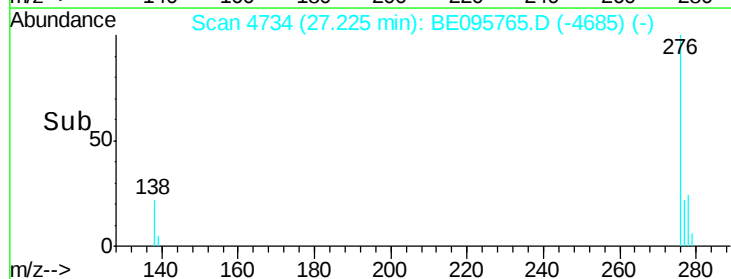
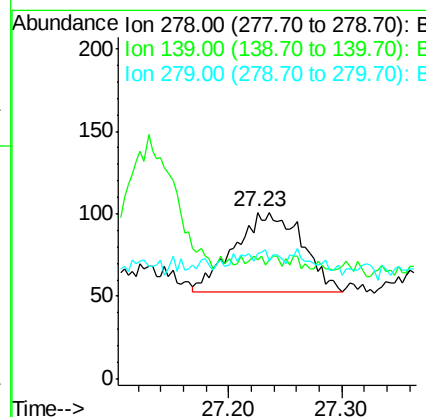
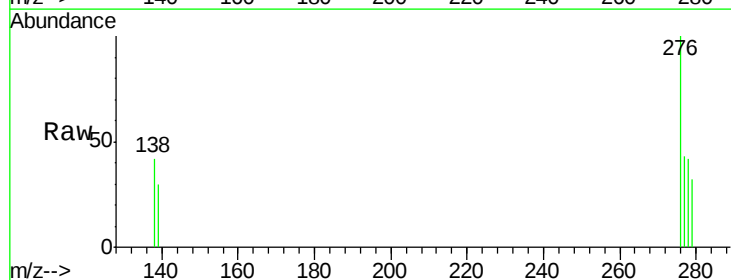
Tot Ion:276 Resp: 691
Ion Ratio Lower Upper
276 100
138 12.6 28.0 42.0#
227 0.0 8.0 12.0#

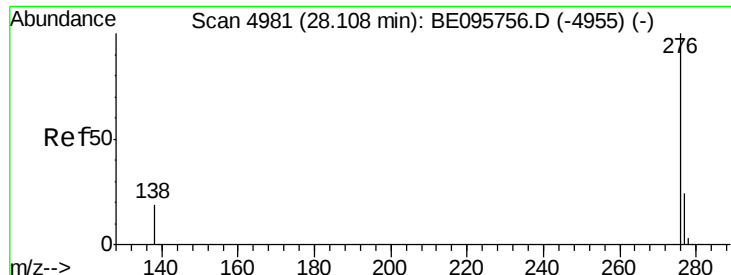


#25

Dibenzo(a,h)anthracene
Concen: 0.009 ng/ul
RT: 27.23 min Scan# 4734
Delta R.T. -0.03 min
Lab File: BE095765.D
Acq: 14 Mar 2018 15:46

Tgt Ion:278 Resp: 198
Ion Ratio Lower Upper
278 100
139 71.3 17.4 26.0#
279 75.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.022 ng/ul

RT: 28.11 min Scan# 4981

Delta R.T. -0.00 min

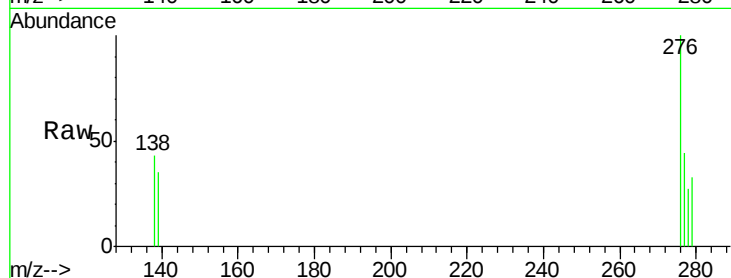
Lab File: BE095765.D

Acq: 14 Mar 2018 15:46

Instrument :

BNA_E

ClientSampleId :



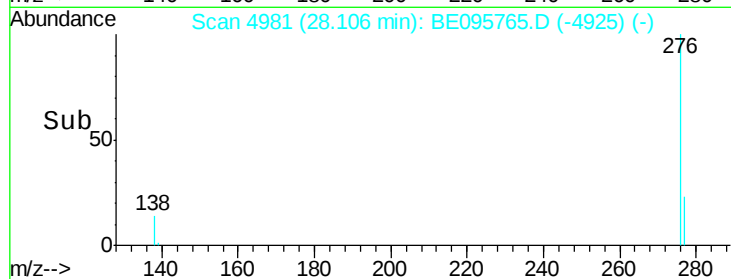
Tot Ion: 276 Resp: 557

Ion Ratio Lower Upper

276 100

138 42.6 21.8 32.8#

277 44.1 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

