

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095286.D
 Acq On : 30 Jan 2018 15:27
 Operator : SJ/JU
 Sample : J1233-11DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 01:26:11 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2131	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6438	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3940	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8495	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9411	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9365	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	489	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1334	0.04	ng/ul	0.00

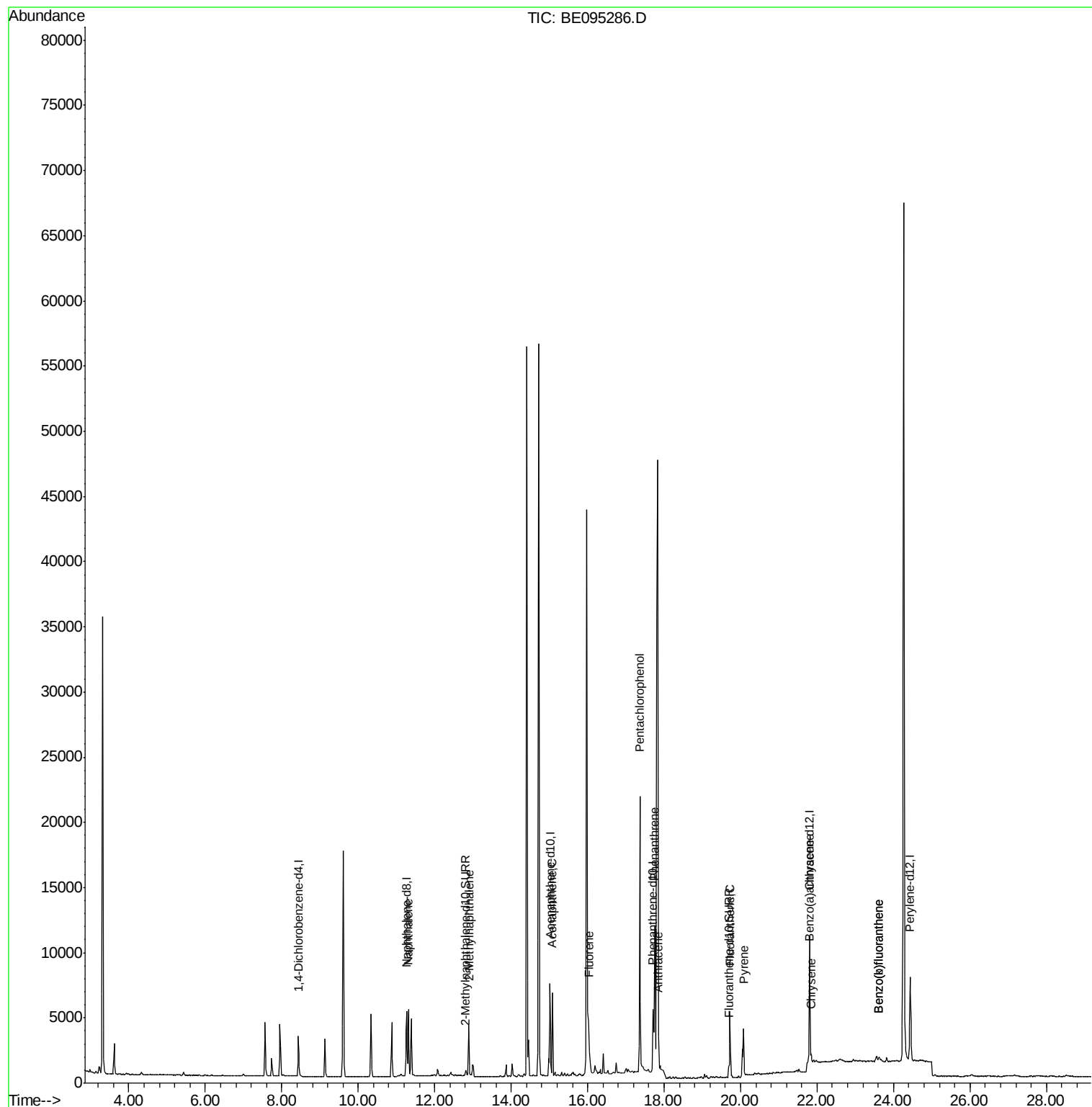
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	6962	0.386	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	3090	0.257	ng/ul	99
8) Acenaphthene	15.08	153	3742	0.254	ng/ul	93
9) Fluorene	16.02	166	3579	0.236	ng/ul#	74
11) Pentachlorophenol	17.36	266	12675	7.703	ng/ul	95
12) Phenanthrene	17.75	178	12870	0.450	ng/ul#	87
13) Anthracene	17.84	178	2213	0.085	ng/ul	94
15) Fluoranthene	19.72	202	5966	0.161	ng/ul	85
17) Pyrene	20.08	202	5256	0.166	ng/ul#	82
18) Benzo(a)anthracene	21.79	228	896	0.030	ng/ul#	76
19) Chrysene	21.84	228	690	0.023	ng/ul#	67
21) Benzo(b)fluoranthene	23.62	252	906	0.027	ng/ul#	14
22) Benzo(k)fluoranthene	23.62	252	847	0.028	ng/ul#	10

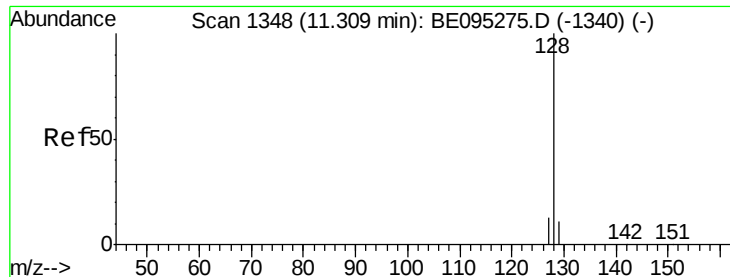
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.386 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

Instrument :

BNA_E

ClientSampled :

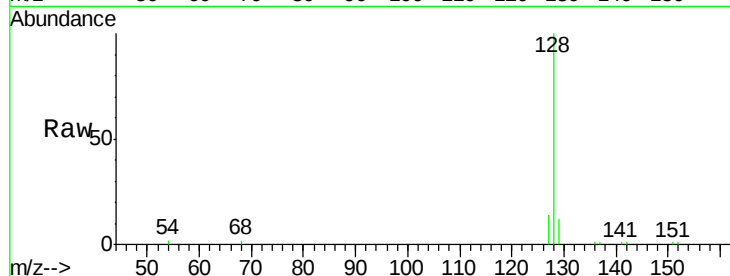
Tot Ion:128 Resp: 6962

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

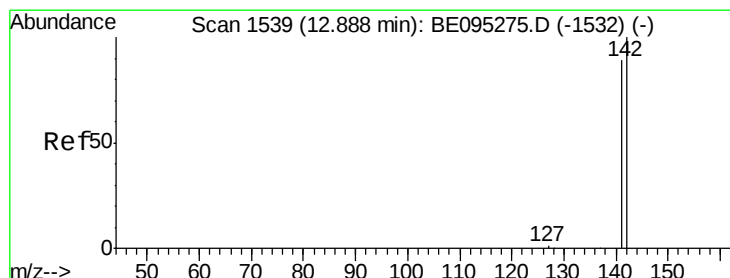
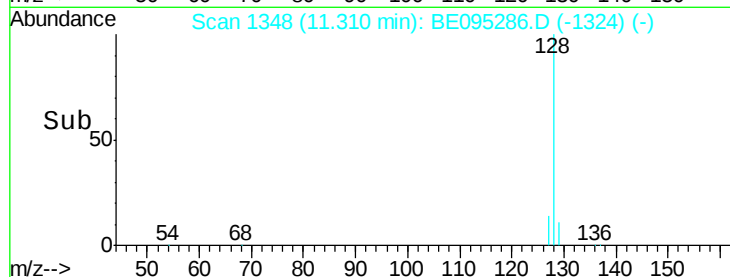
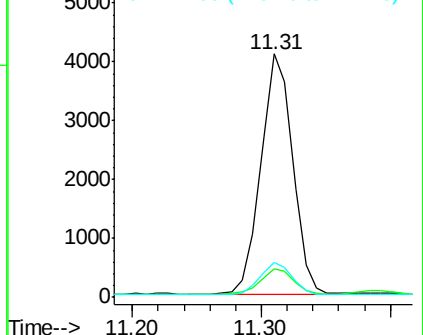
127 14.4 4.0 6.0#



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: 0.257 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095286.D

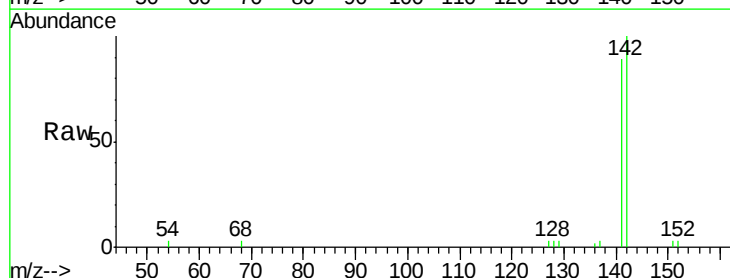
Acq: 30 Jan 2018 15:27

Tgt Ion:142 Resp: 3090

Ion Ratio Lower Upper

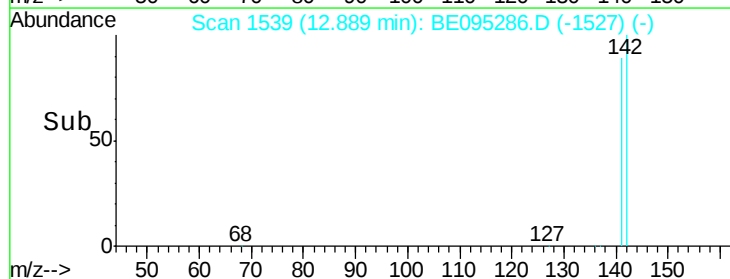
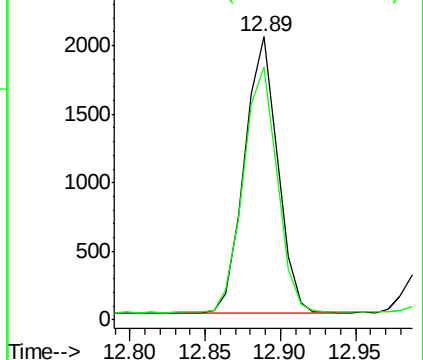
142 100

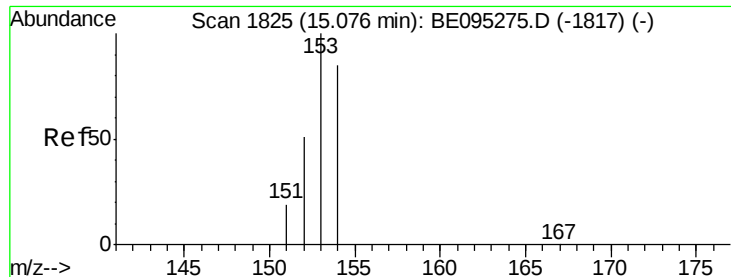
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.254 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

Instrument :

BNA_E

ClientSampleId :

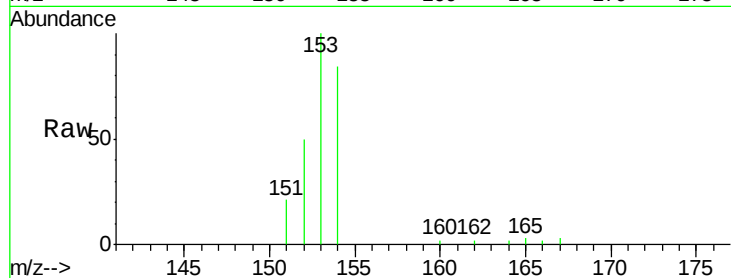
Tot Ion:153 Resp: 3742

Ion Ratio Lower Upper

153 100

152 49.6 36.0 54.0

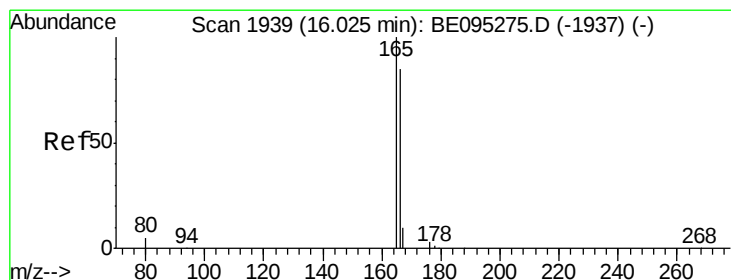
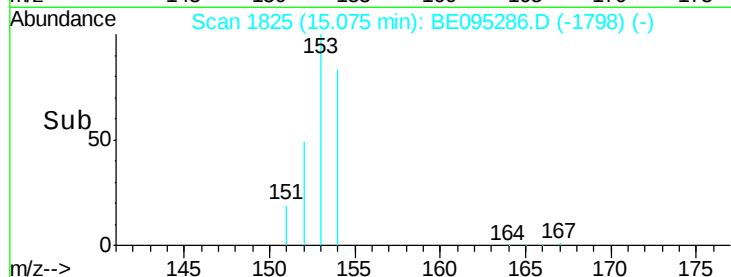
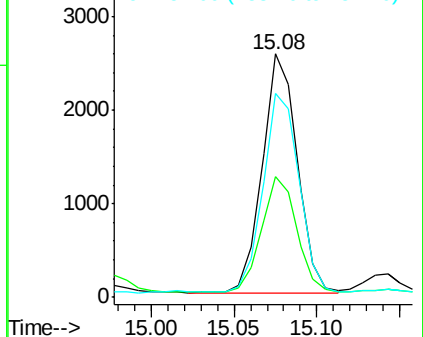
154 83.5 72.0 108.0



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: 0.236 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

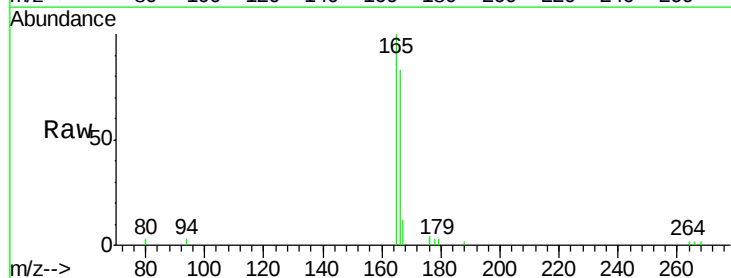
Tgt Ion:166 Resp: 3579

Ion Ratio Lower Upper

166 100

165 119.9 73.4 110.2#

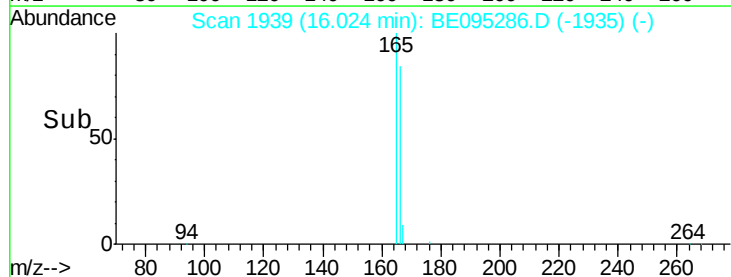
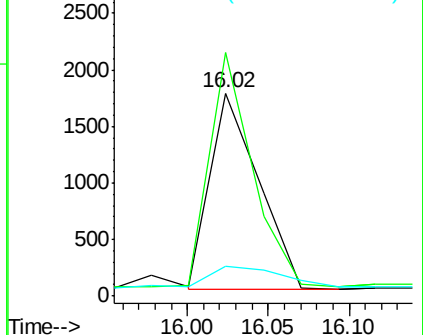
167 14.5 14.6 22.0#

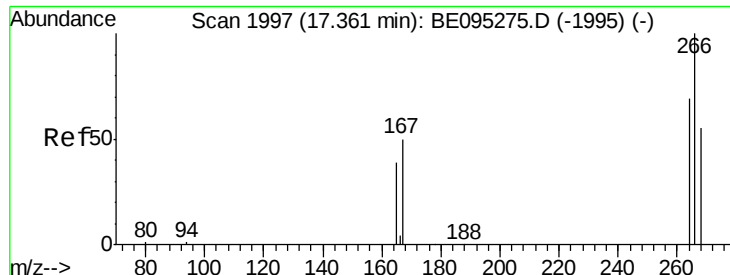


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

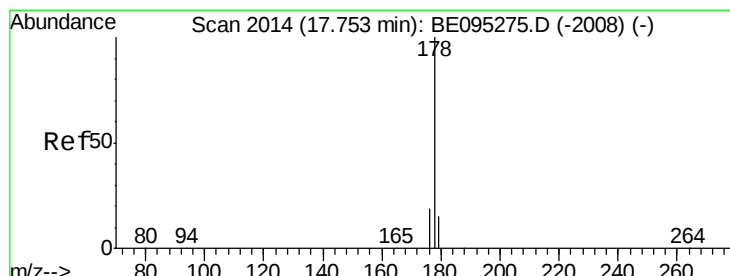
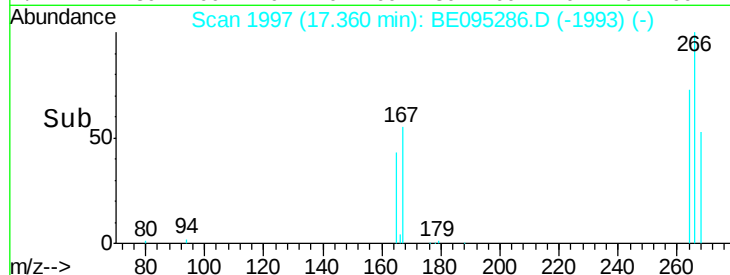
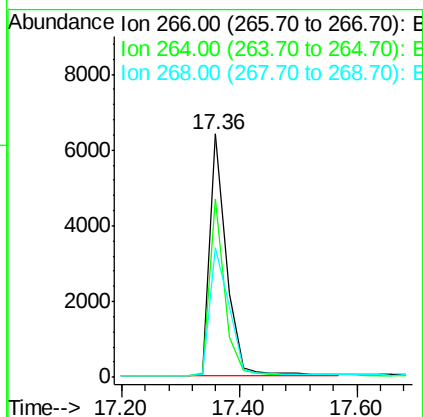
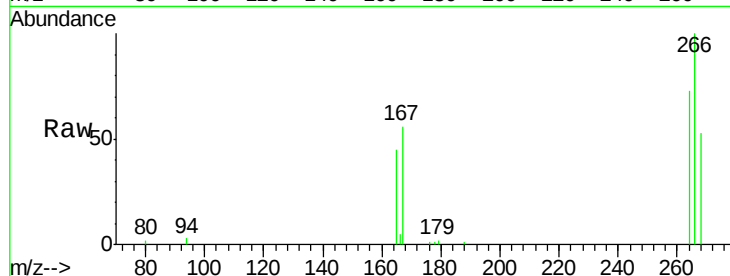




#11
 Pentachlorophenol
 Concen: 7.703 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095286.D
 Acq: 30 Jan 2018 15:27

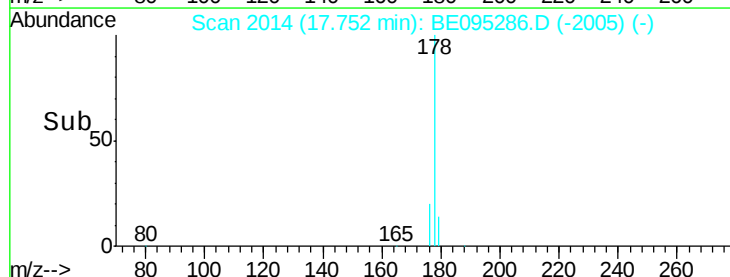
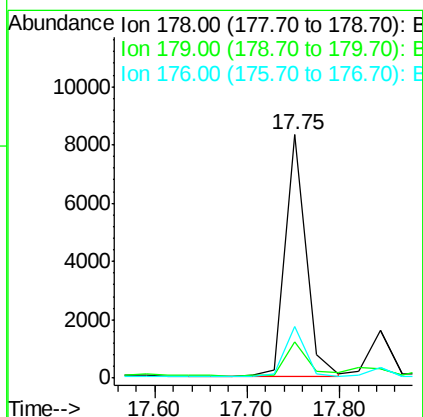
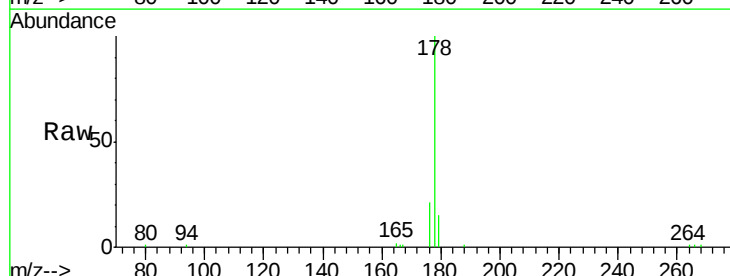
Instrument :
 BNA_E
 ClientSampleId :

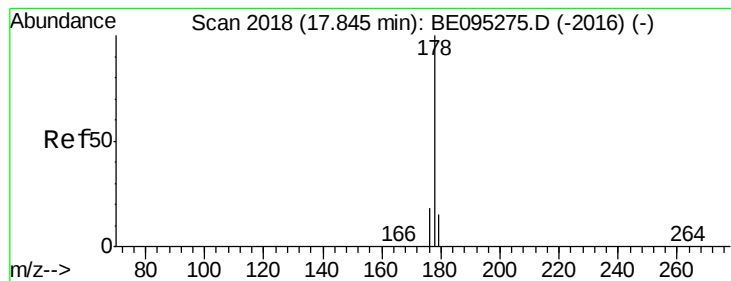
Tot Ion:266 Resp: 12675
 Ion Ratio Lower Upper
 266 100
 264 66.0 47.9 71.9
 268 61.0 49.8 74.8



#12
 Phenanthrene
 Concen: 0.450 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BE095286.D
 Acq: 30 Jan 2018 15:27

Tgt Ion:178 Resp: 12870
 Ion Ratio Lower Upper
 178 100
 179 15.1 18.4 27.6#
 176 21.0 13.6 20.4#





#13

Anthracene

Concen: 0.085 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

Instrument :

BNA_E

ClientSampleId :

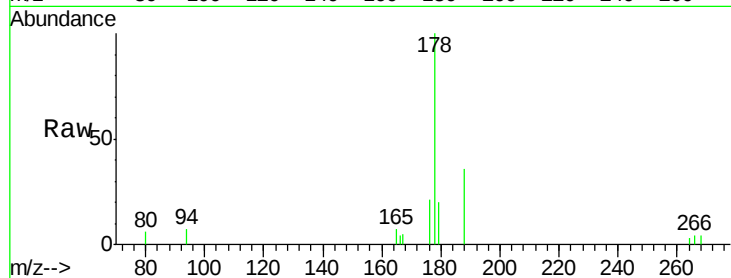
Tot Ion:178 Resp: 2213

Ion Ratio Lower Upper

178 100

179 19.9 18.1 27.1

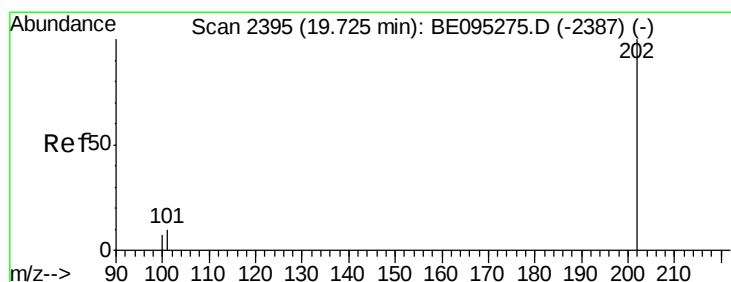
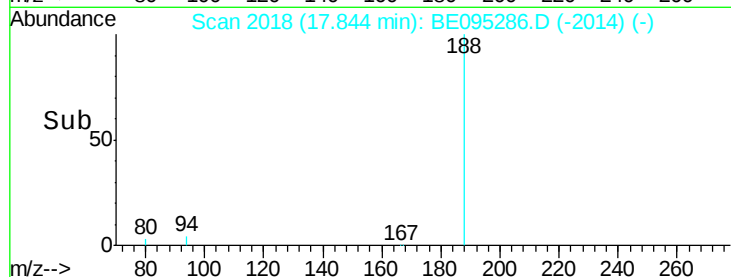
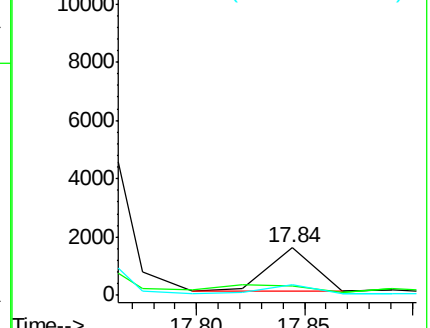
176 21.4 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.161 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

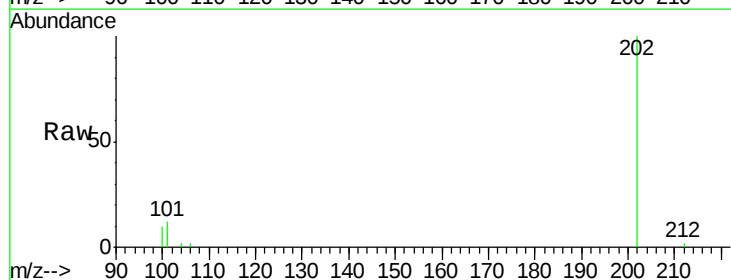
Tgt Ion:202 Resp: 5966

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

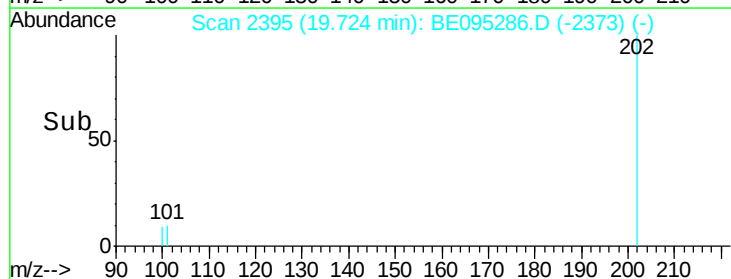
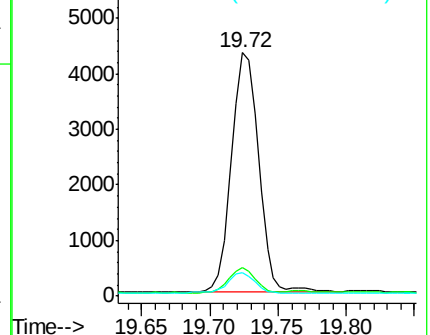
100 9.7 0.0 39.5

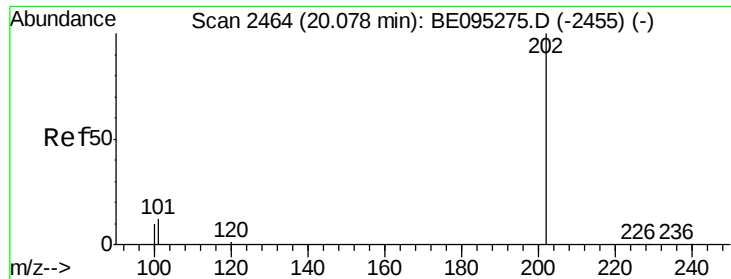


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.166 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

Instrument :

BNA_E

ClientSampleId :

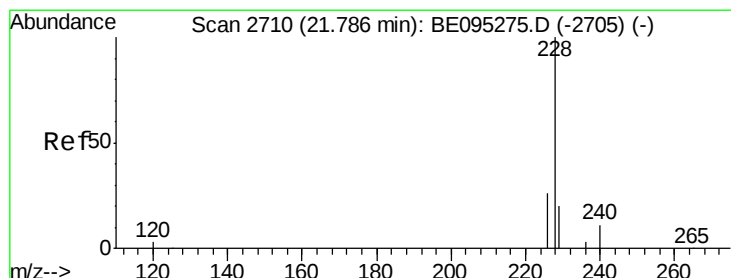
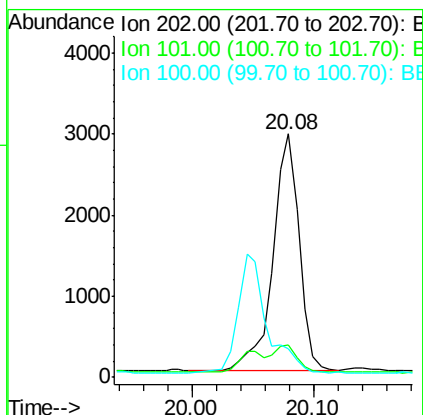
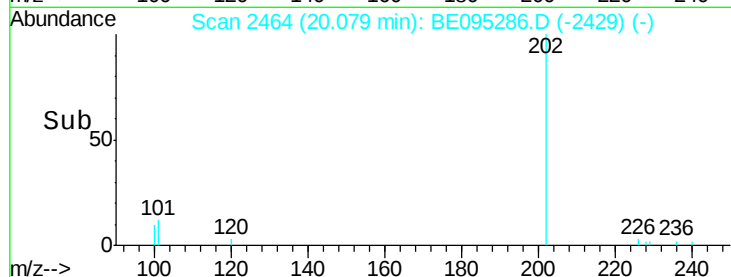
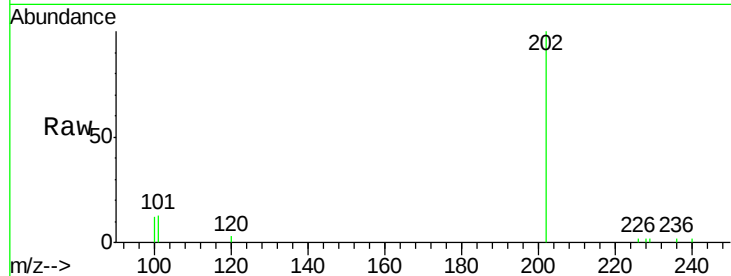
Tot Ion:202 Resp: 5256

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

100 11.9 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.030 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

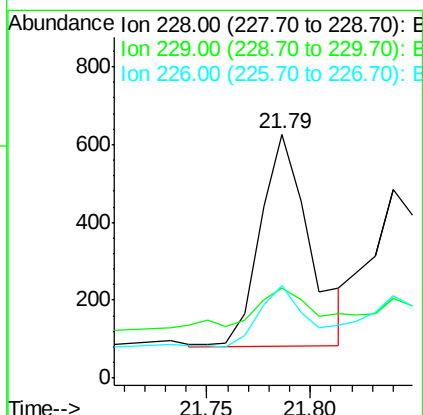
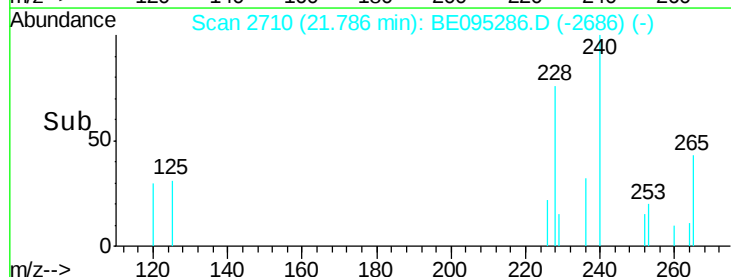
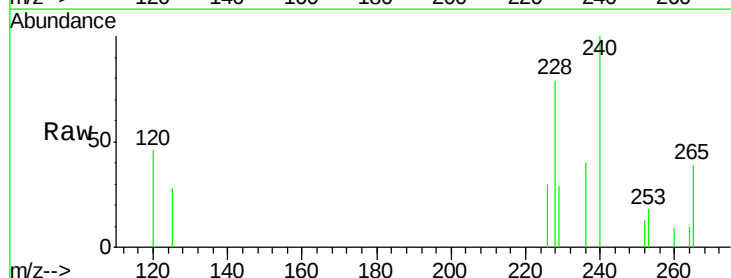
Tgt Ion:228 Resp: 896

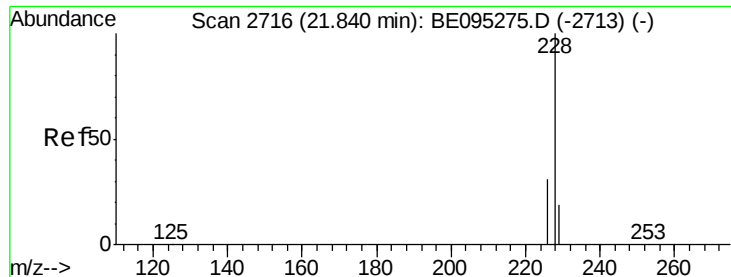
Ion Ratio Lower Upper

228 100

229 36.7 22.8 34.2#

226 38.0 17.0 25.6#





#19

Chrysene

Concen: 0.023 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

Instrument :

BNA_E

ClientSampleId :

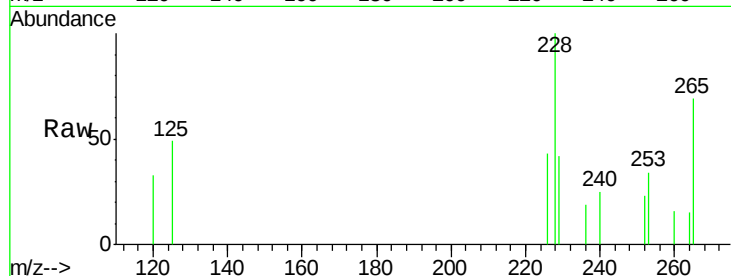
Tot Ion:228 Resp: 690

Ion Ratio Lower Upper

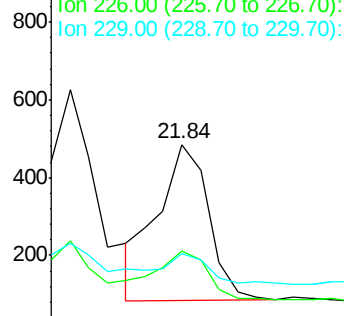
228 100

226 43.4 23.4 35.0#

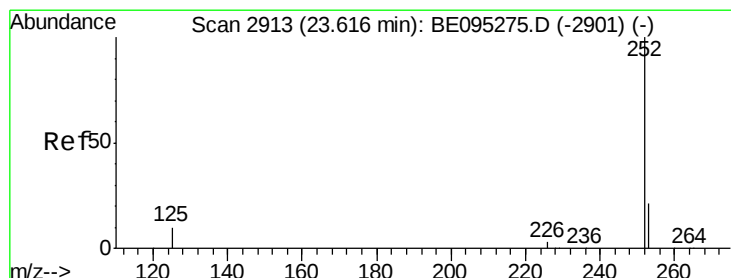
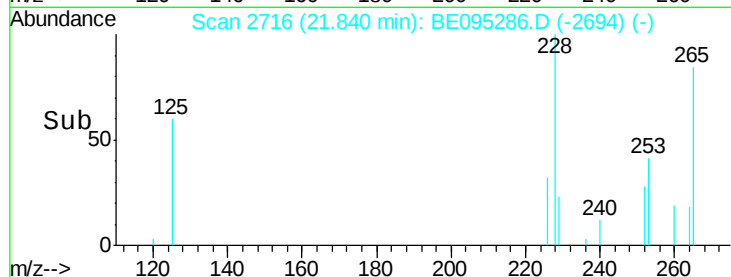
229 42.0 17.7 26.5#



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



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.027 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

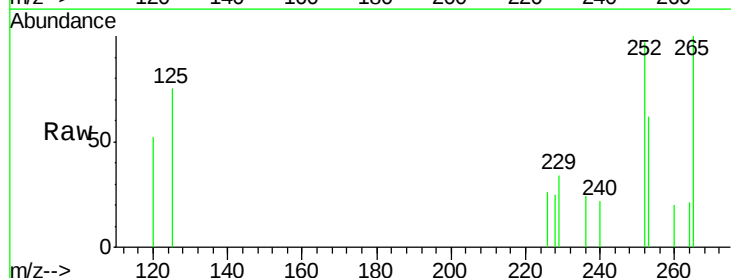
Tgt Ion:252 Resp: 906

Ion Ratio Lower Upper

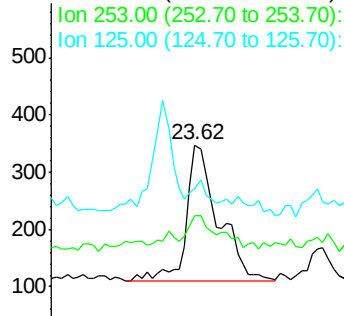
252 100

253 64.4 0.0 64.2#

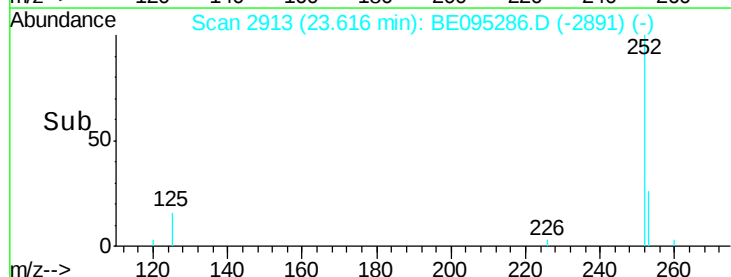
125 77.6 0.0 35.0#

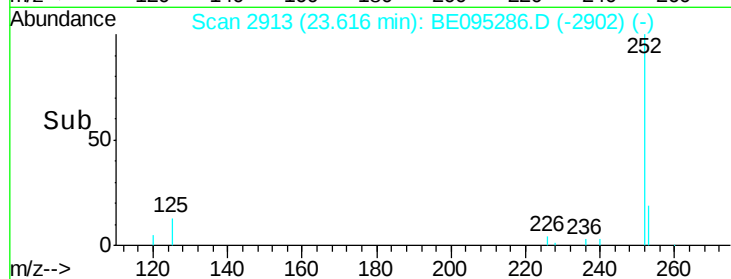
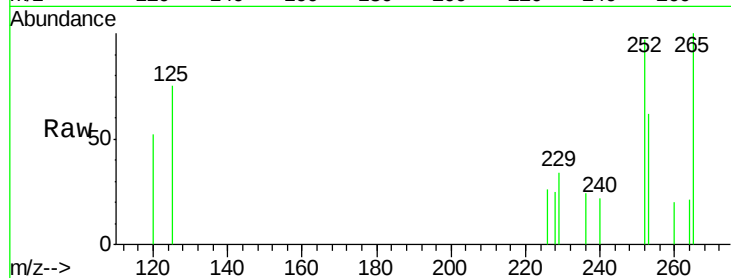
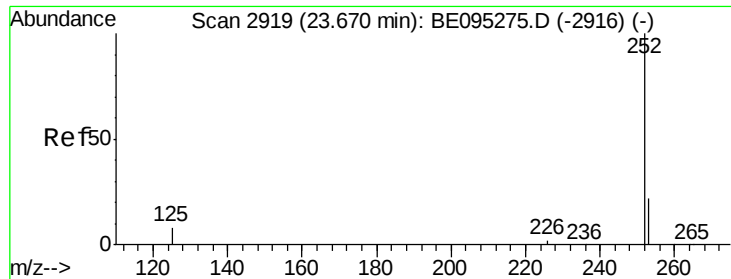


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 0.028 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095286.D

Acq: 30 Jan 2018 15:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 847

Ion Ratio Lower Upper

252 100

253 64.4 24.5 36.7#

125 77.6 13.7 20.5#

