

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095278.D
 Acq On : 30 Jan 2018 10:40
 Operator : SJ/JU
 Sample : J1174-12RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 01:24:32 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

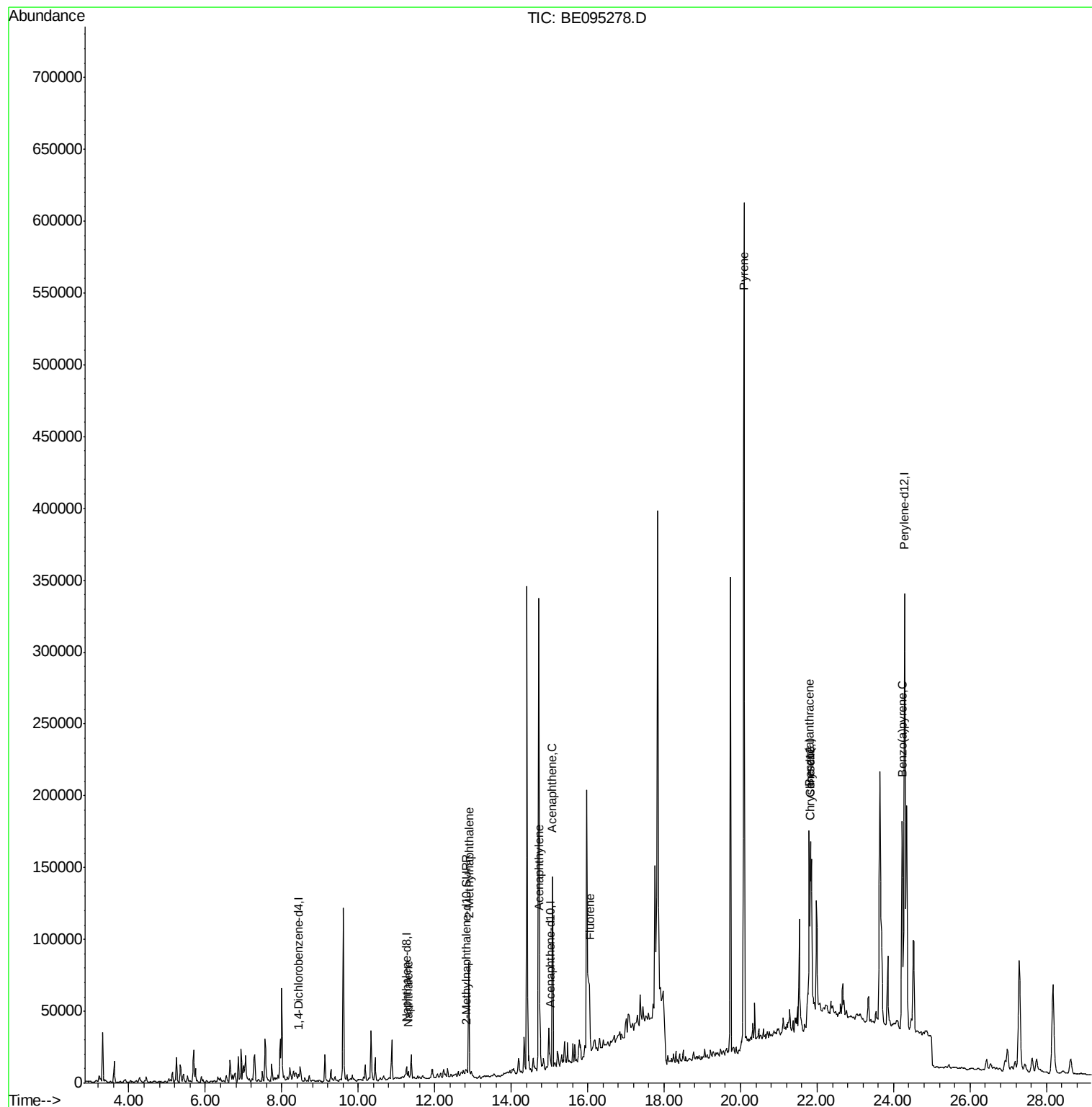
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2990	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8912	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7383	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.81	240	9709	0.40	ng/ul	0.00
20) Perylene-d12	24.29	264	412963	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4396	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.71	212	6567	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	7036	0.282	ng/ul#	76
5) 2-Methylnaphthalene	12.89	142	62447	3.747	ng/ul	99
7) Acenaphthylene	14.75	152	45733	1.287	ng/ul#	82
8) Acenaphthene	15.08	153	81209	2.947	ng/ul	92
9) Fluorene	16.05	166	60678	2.135	ng/ul#	94
17) Pyrene	20.09	202	670984	20.596	ng/ul#	76
18) Benzo(a)anthracene	21.80	228	146939	4.841	ng/ul#	90
19) Chrysene	21.83	228	182413	5.787	ng/ul#	87
23) Benzo(a)pyrene	24.23	252	232396	0.179	ng/ul#	87

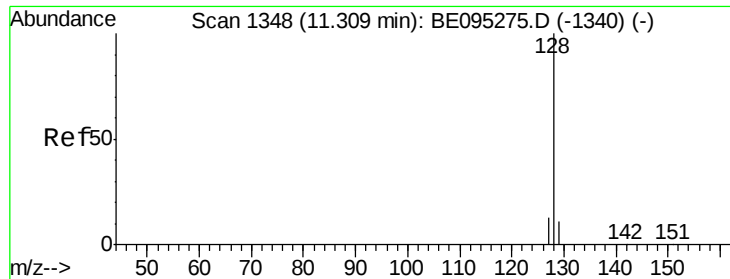
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.282 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

Instrument :

BNA_E

ClientSampled :

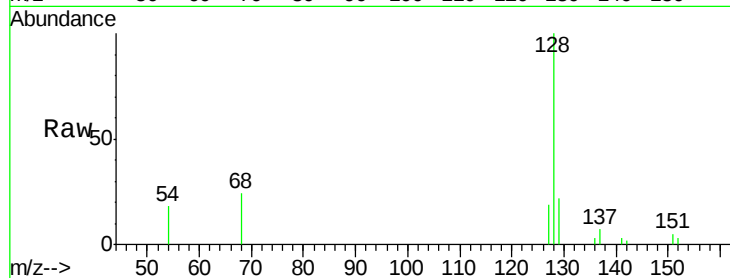
Tot Ion:128 Resp: 7036

Ion Ratio Lower Upper

128 100

129 21.5 11.3 16.9#

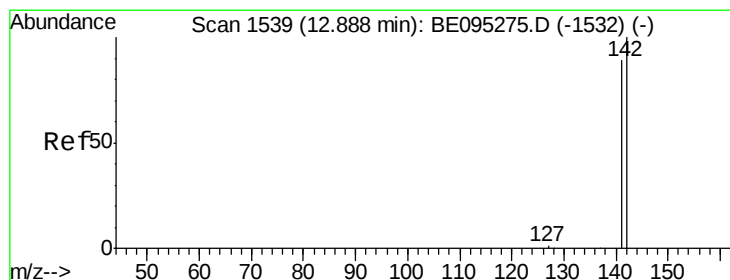
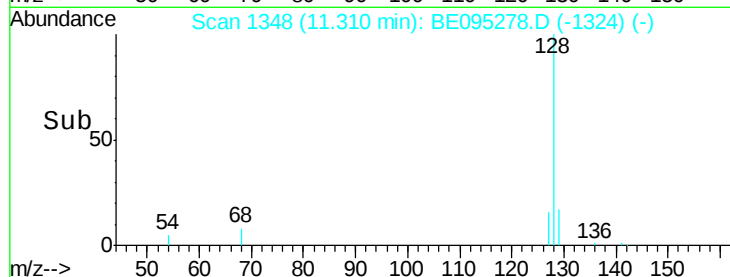
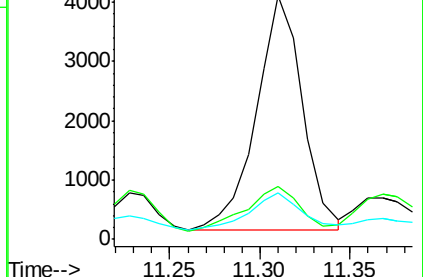
127 18.9 4.0 6.0#



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: 3.747 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095278.D

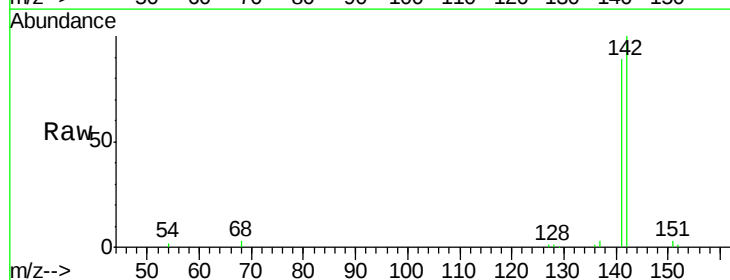
Acq: 30 Jan 2018 10:40

Tgt Ion:142 Resp: 62447

Ion Ratio Lower Upper

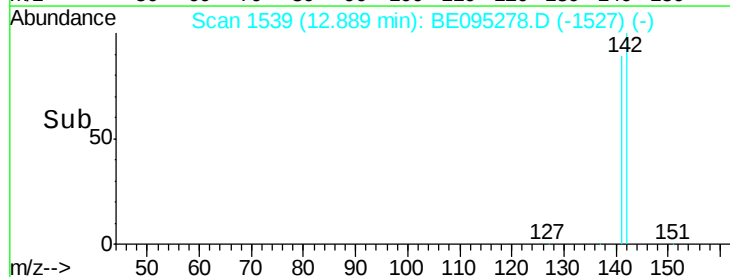
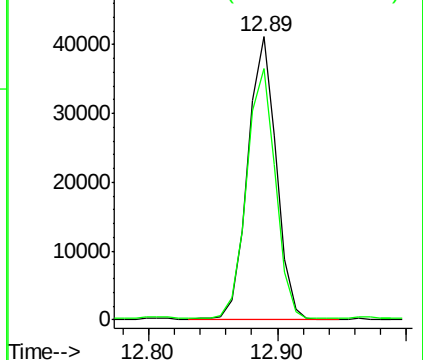
142 100

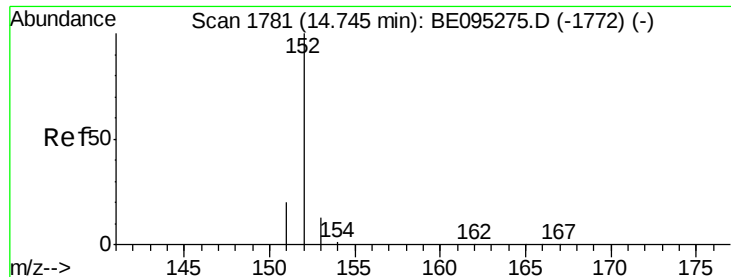
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.287 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

Instrument :

BNA_E

ClientSampleId :

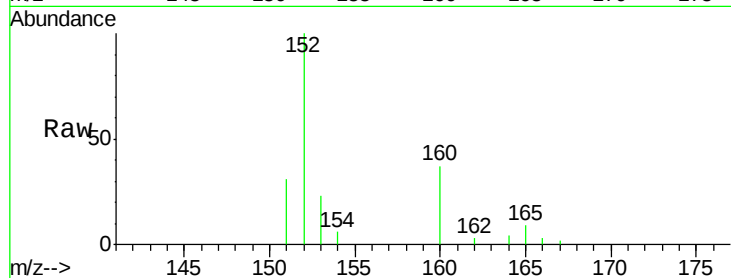
Tot Ion:152 Resp: 45733

Ion Ratio Lower Upper

152 100

151 31.1 17.1 25.7#

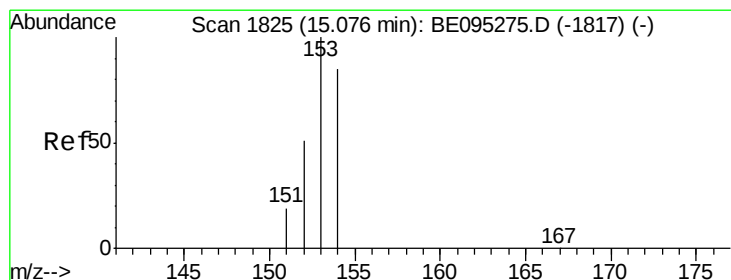
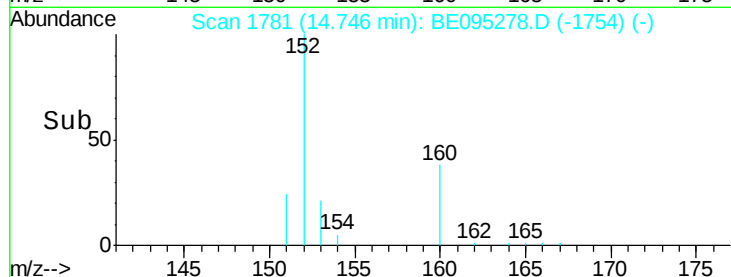
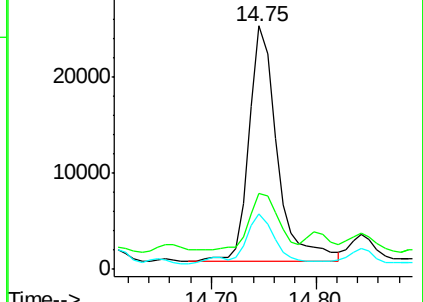
153 22.7 12.8 19.2#



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: 2.947 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

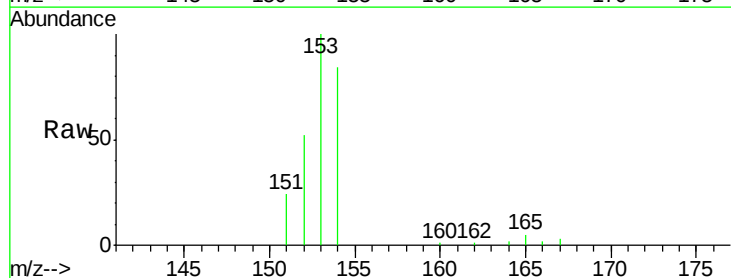
Tgt Ion:153 Resp: 81209

Ion Ratio Lower Upper

153 100

152 52.0 36.0 54.0

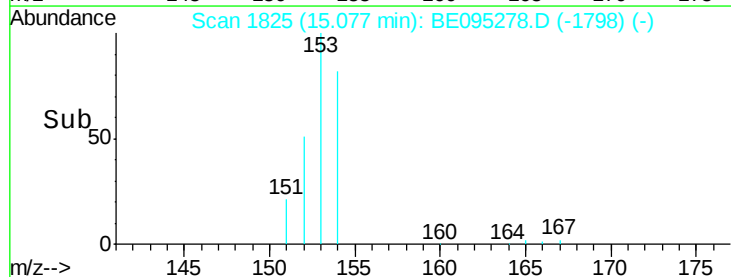
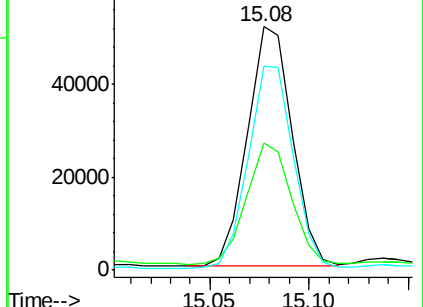
154 83.7 72.0 108.0

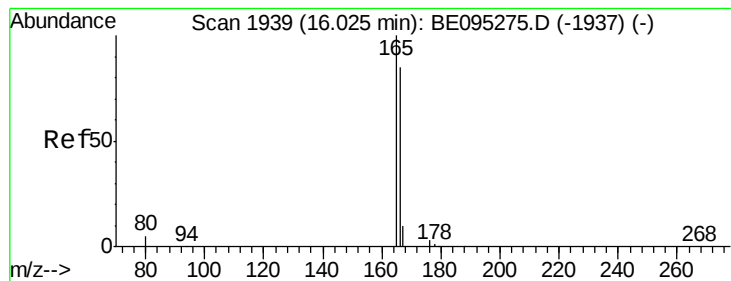


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.135 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

Instrument :

BNA_E

ClientSampleId :

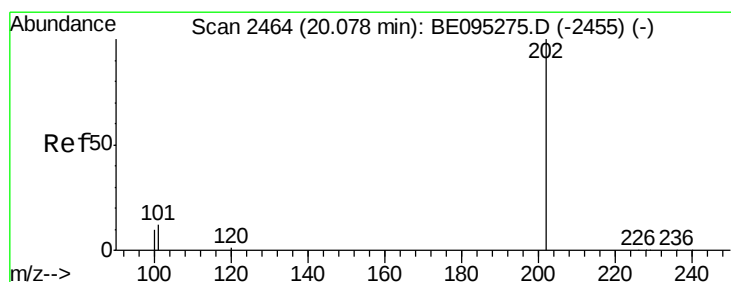
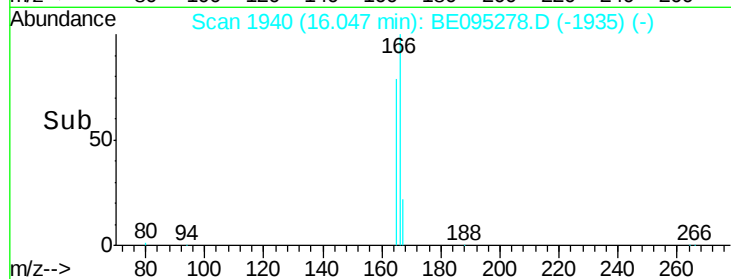
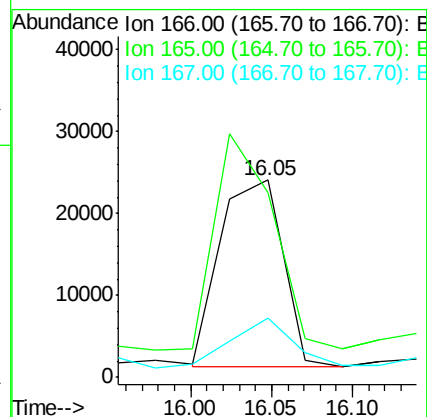
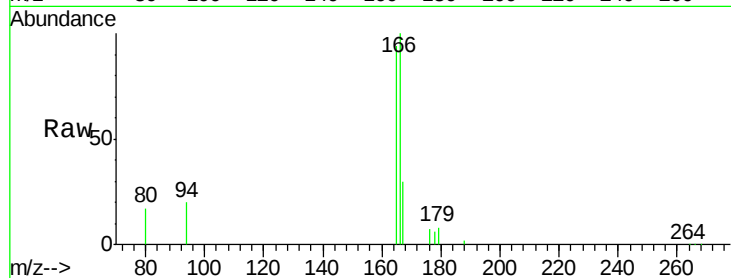
Tot Ion:166 Resp: 60678

Ion Ratio Lower Upper

166 100

165 93.6 73.4 110.2

167 30.1 14.6 22.0#



#17

Pyrene

Concen: 20.596 ng/ul

RT: 20.09 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

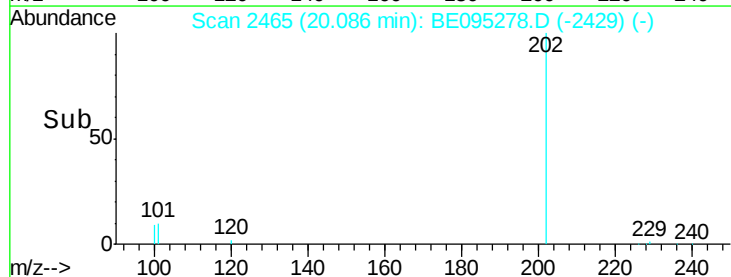
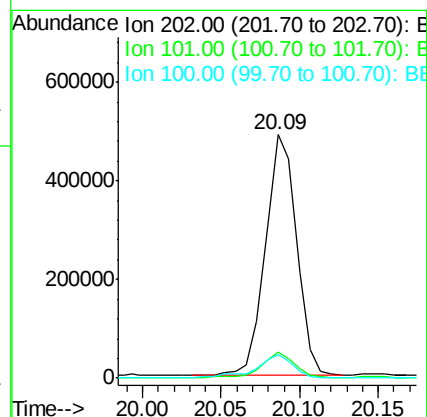
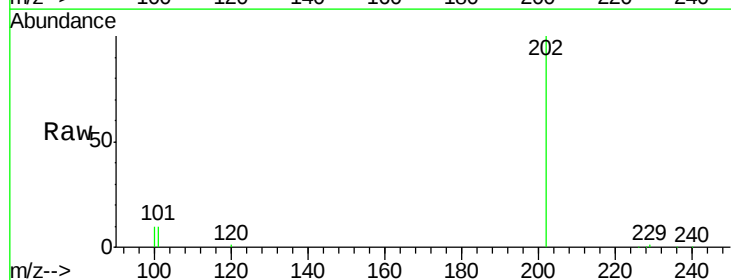
Tgt Ion:202 Resp: 670984

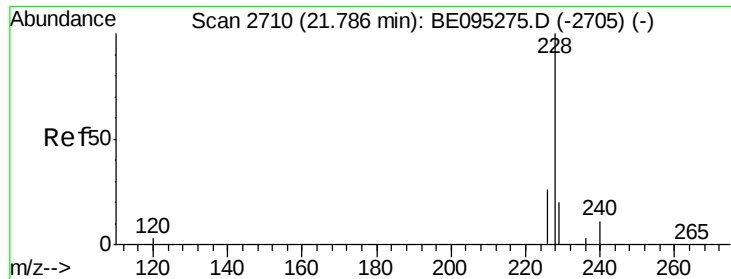
Ion Ratio Lower Upper

202 100

101 10.4 18.2 27.4#

100 9.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 4.841 ng/ul

RT: 21.80 min Scan# 2711

Delta R.T. 0.01 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

Instrument :

BNA_E

ClientSampleId :

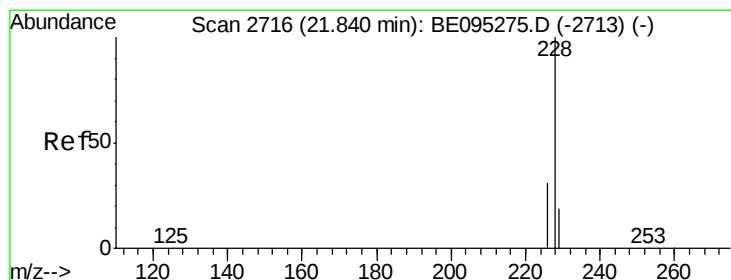
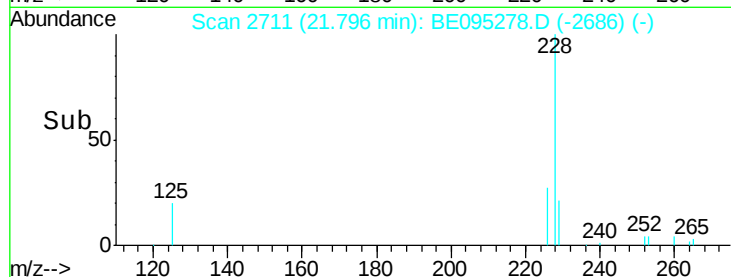
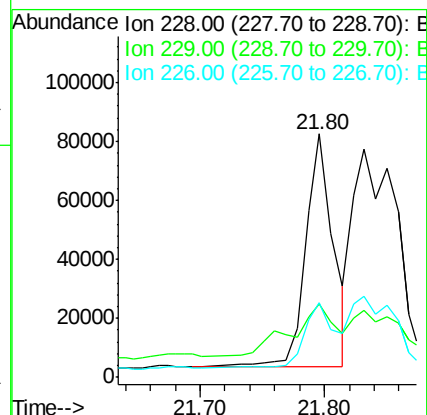
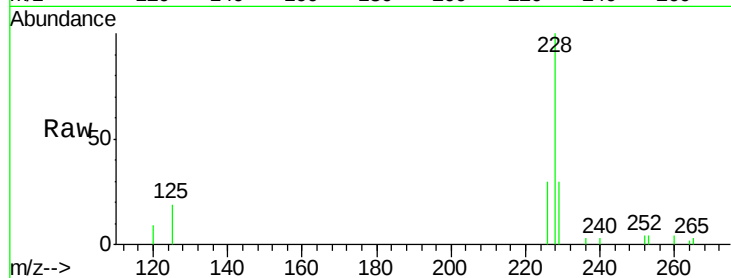
Tot Ion:228 Resp: 146939

Ion Ratio Lower Upper

228 100

229 30.4 22.8 34.2

226 30.4 17.0 25.6#



#19

Chrysene

Concen: 5.787 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.01 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

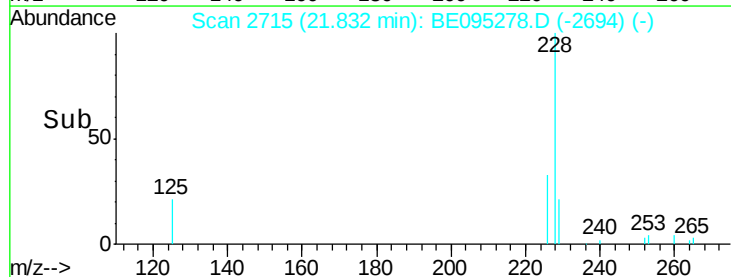
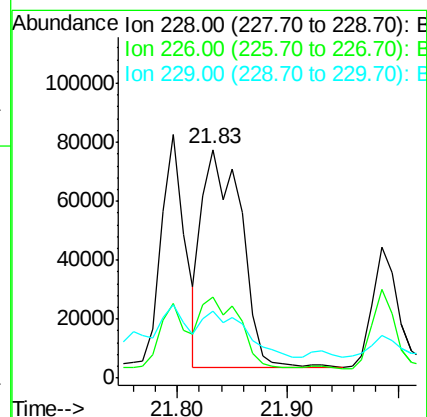
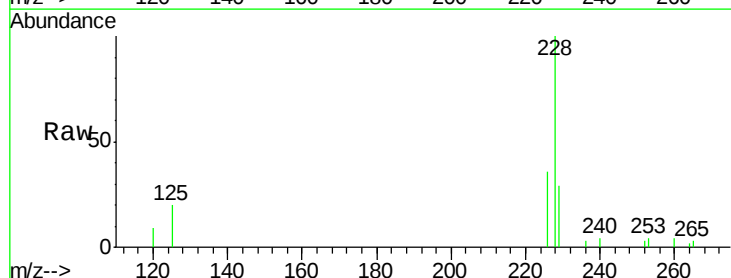
Tgt Ion:228 Resp: 182413

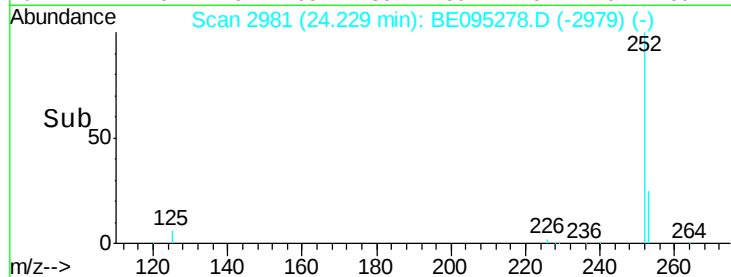
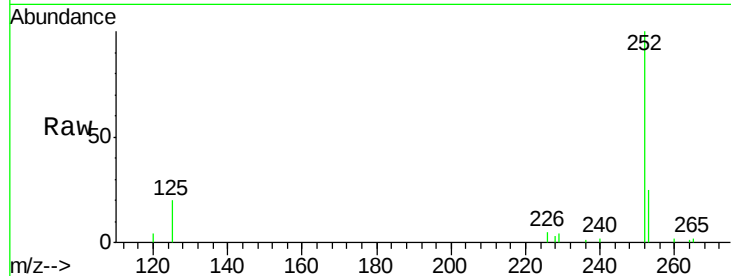
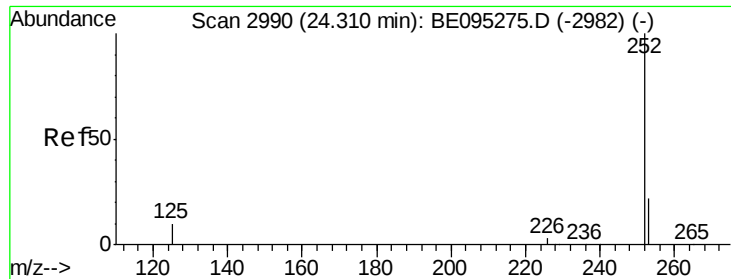
Ion Ratio Lower Upper

228 100

226 35.6 23.4 35.0#

229 29.1 17.7 26.5#





#23

Benzo(a)pyrene

Concen: 0.179 ng/ul

RT: 24.23 min Scan# 2981

Delta R.T. -0.08 min

Lab File: BE095278.D

Acq: 30 Jan 2018 10:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	252	Resp:	232396
Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7#
125	20.5	18.1	27.1

