

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095230.D
 Acq On : 29 Jan 2018 5:03
 Operator : SJ/JU
 Sample : J1223-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 08:14:20 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

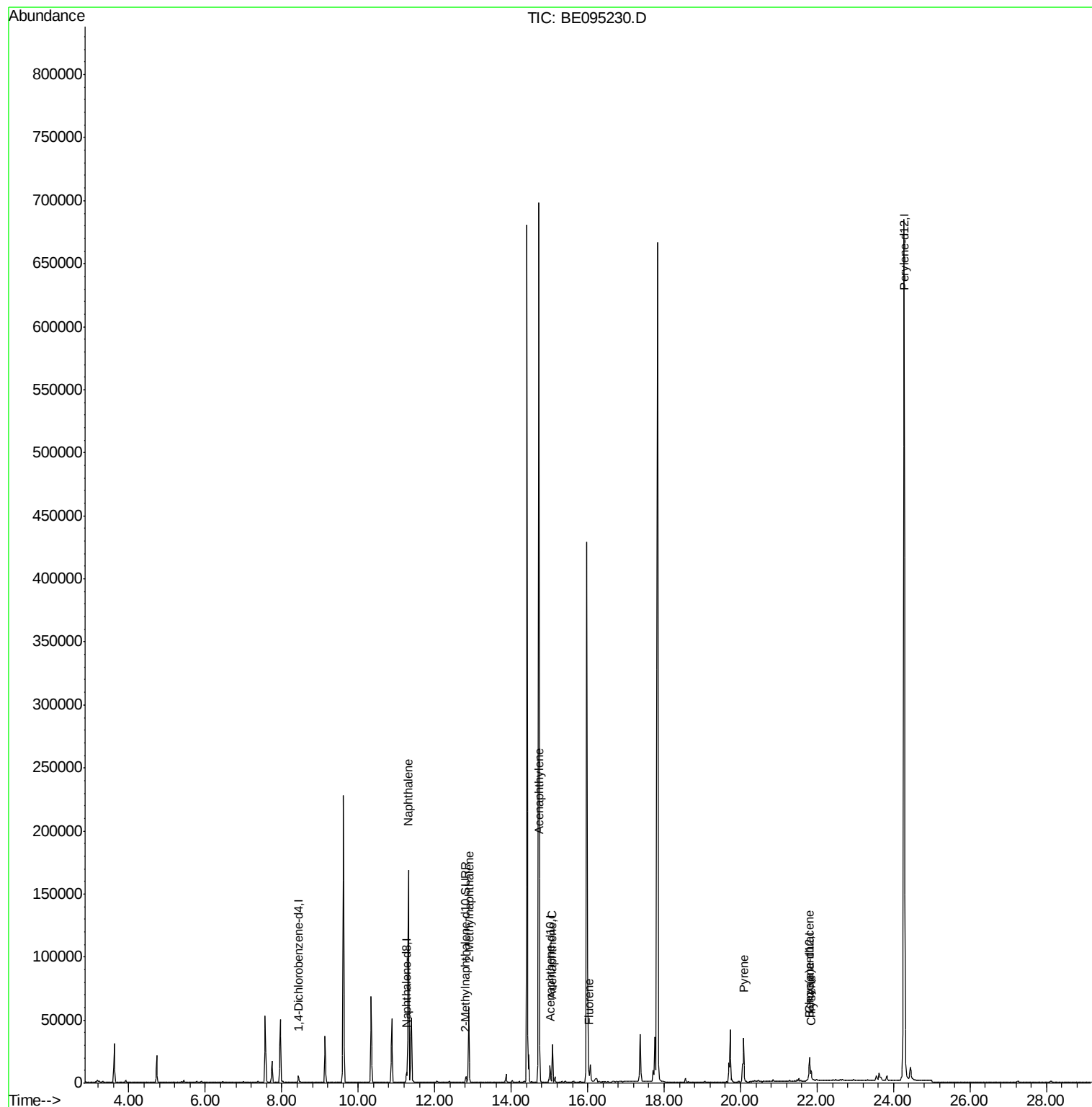
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3488	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11386	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7469	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	16084	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	897842	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5918	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	16566	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	244845	7.679	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	47829	2.247	ng/ul	100
7) Acenaphthylene	14.75	152	1155	0.032	ng/ul#	70
8) Acenaphthene	15.08	153	17882	0.641	ng/ul	94
9) Fluorene	16.03	166	9046	0.315	ng/ul#	75
17) Pyrene	20.08	202	39516	0.732	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	11081	0.220	ng/ul#	87
19) Chrysene	21.84	228	8696	0.167	ng/ul	95

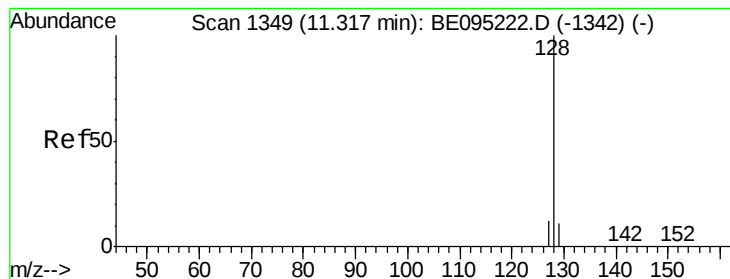
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.679 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

ClientSampleId :

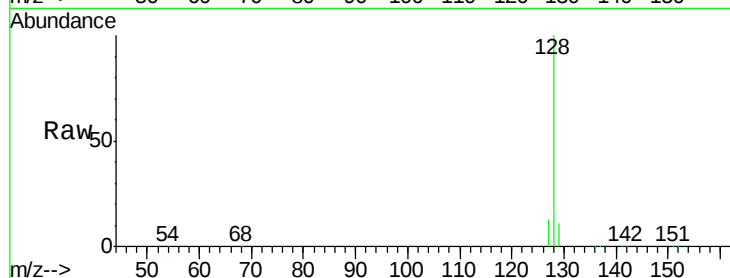
Tot Ion:128 Resp: 244845

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

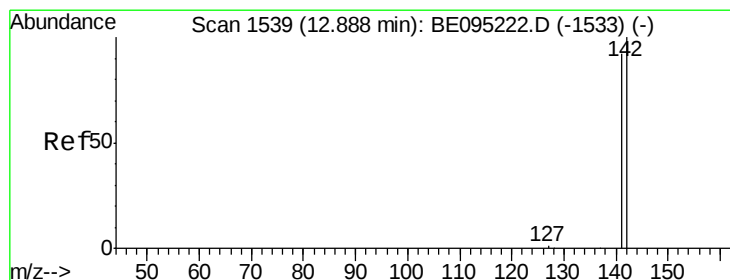
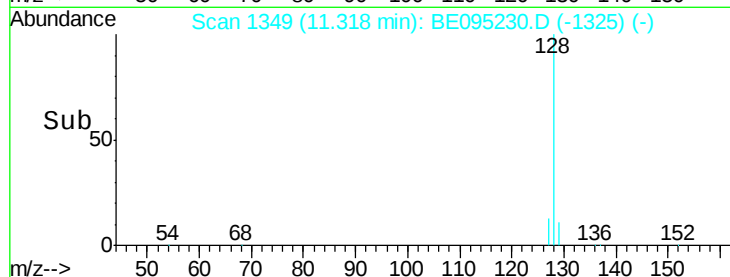
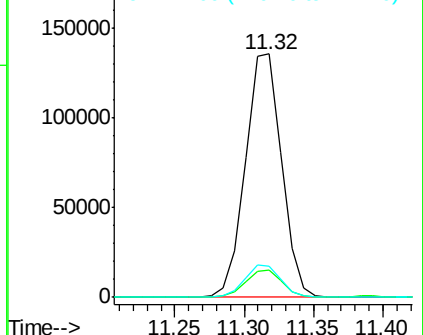
127 13.0 4.0 6.0#



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: 2.247 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095230.D

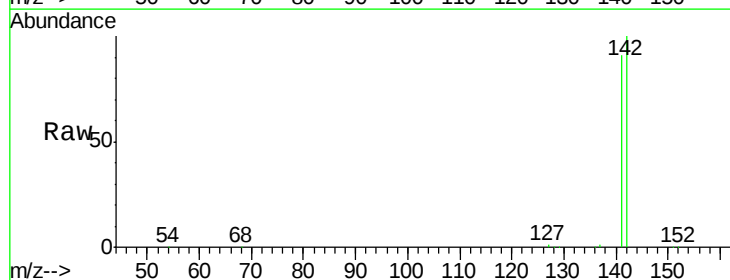
Acq: 29 Jan 2018 5:03

Tgt Ion:142 Resp: 47829

Ion Ratio Lower Upper

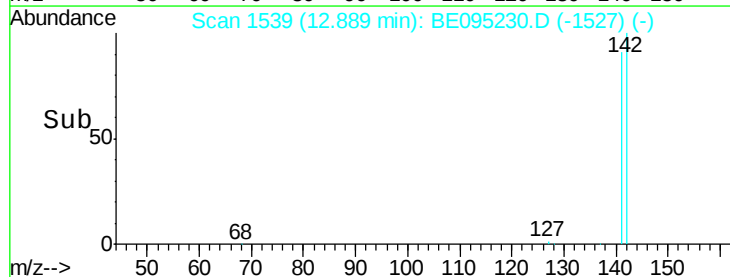
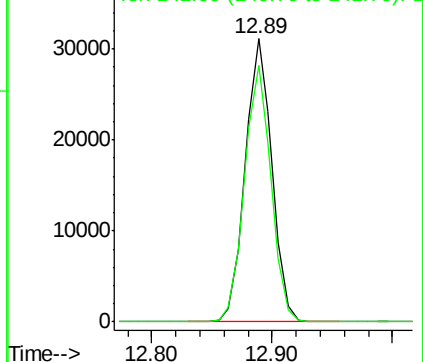
142 100

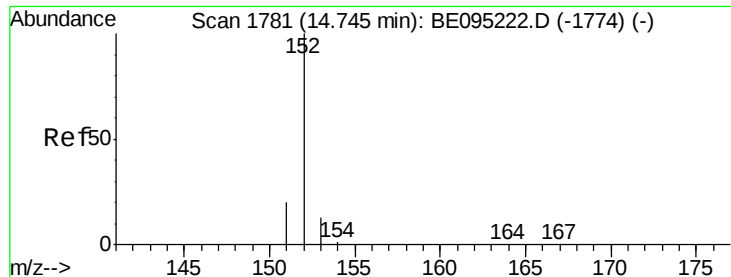
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

ClientSampleId :

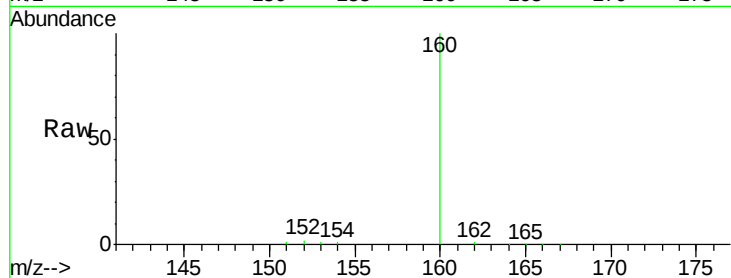
Tot Ion:152 Resp: 1155

Ion Ratio Lower Upper

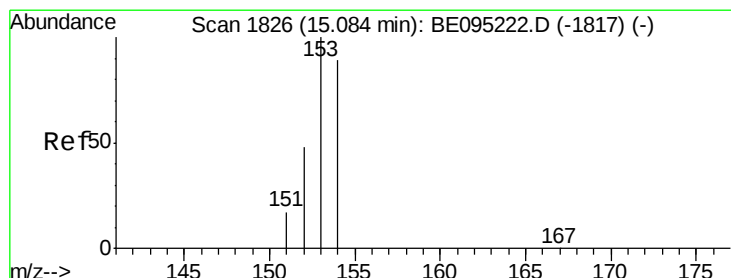
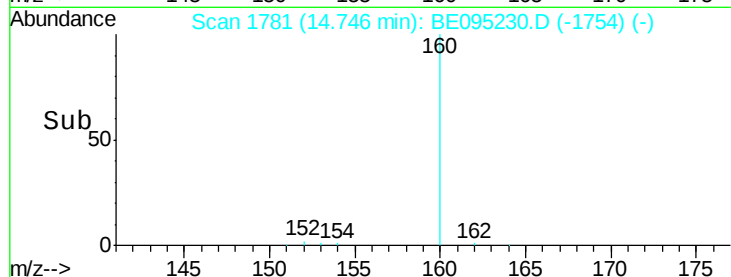
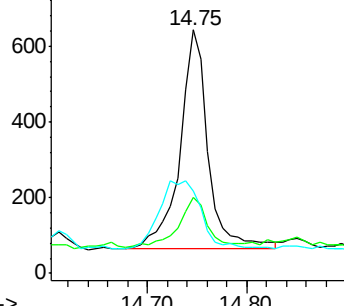
152 100

151 31.1 17.1 25.7#

153 33.9 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: 0.641 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

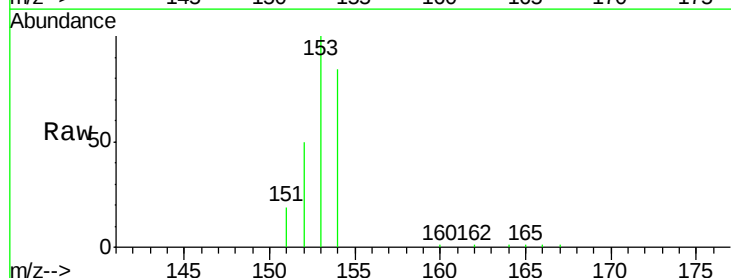
Tgt Ion:153 Resp: 17882

Ion Ratio Lower Upper

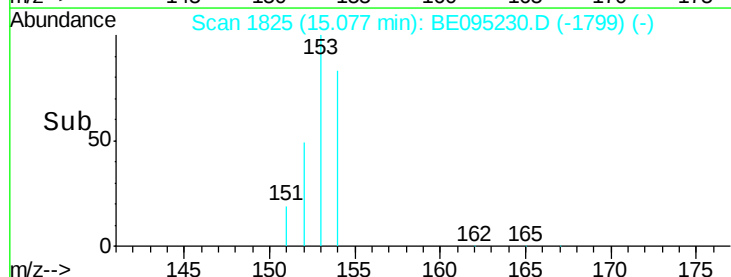
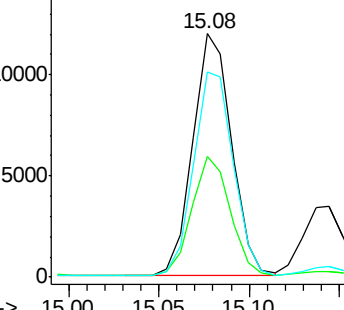
153 100

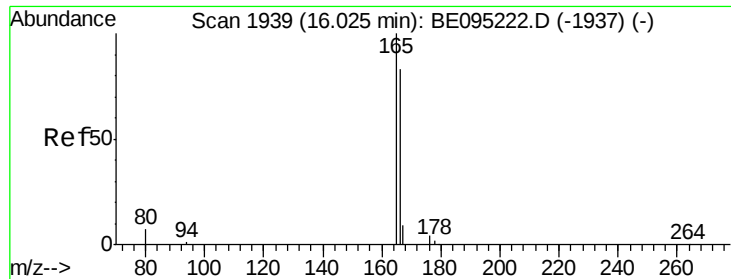
152 49.7 36.0 54.0

154 84.2 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: 0.315 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

ClientSampleId :

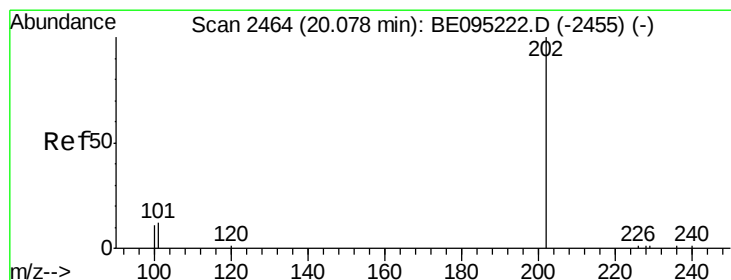
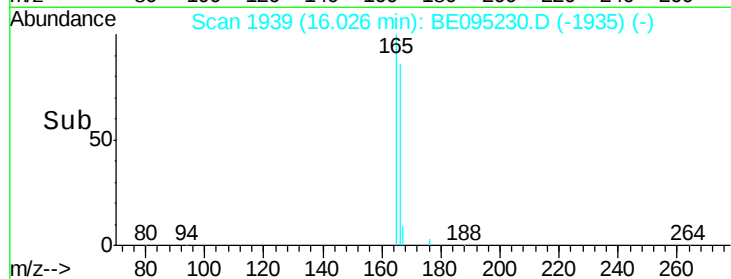
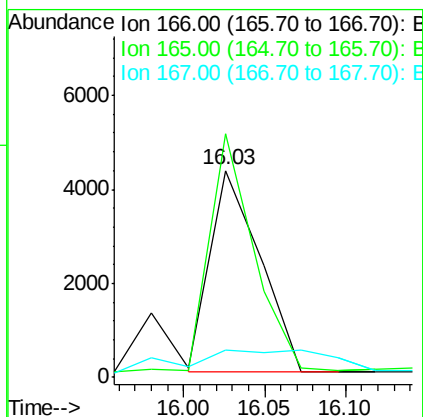
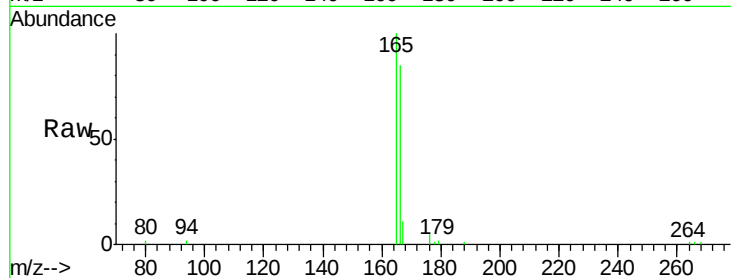
Tot Ion:166 Resp: 9046

Ion Ratio Lower Upper

166 100

165 117.9 73.4 110.2#

167 13.4 14.6 22.0#



#17

Pyrene

Concen: 0.732 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

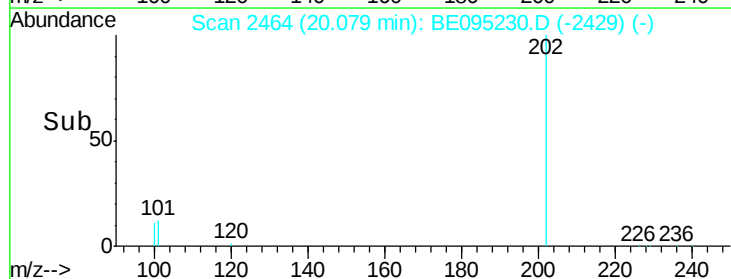
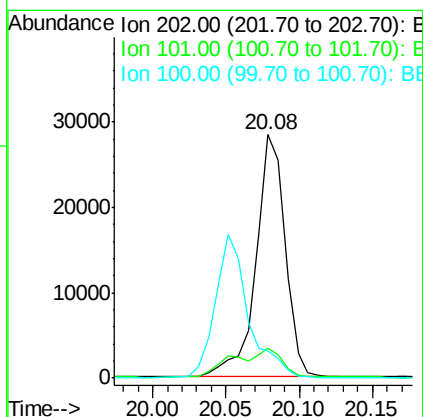
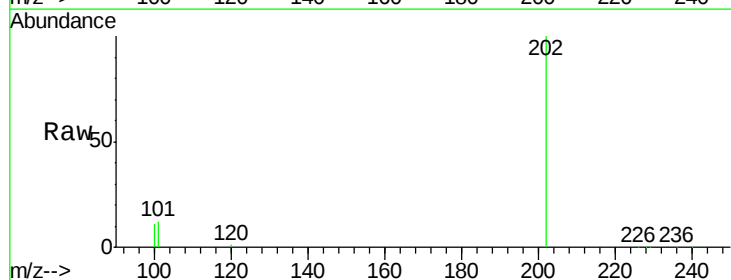
Tgt Ion:202 Resp: 39516

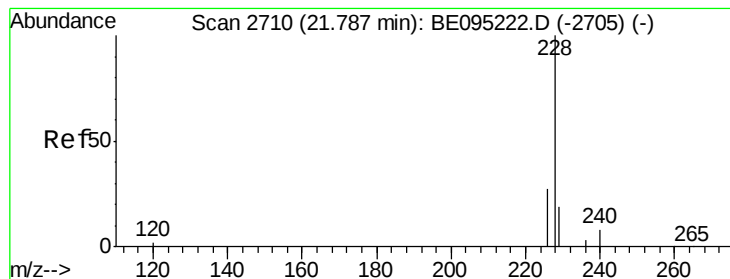
Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

100 11.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.220 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

Instrument :

BNA_E

ClientSampleId :

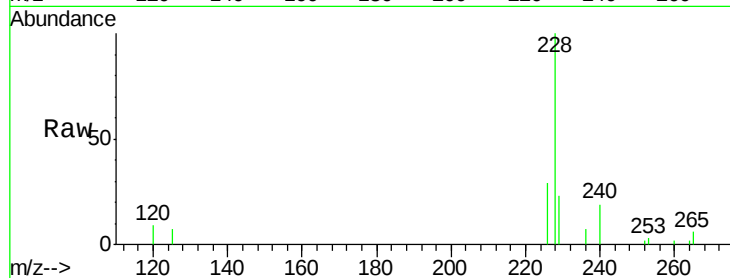
Tot Ion:228 Resp: 11081

Ion Ratio Lower Upper

228 100

229 22.9 22.8 34.2

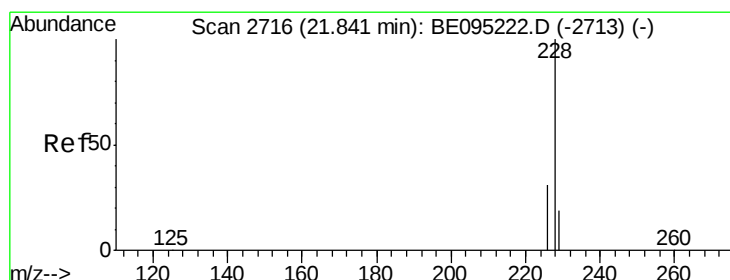
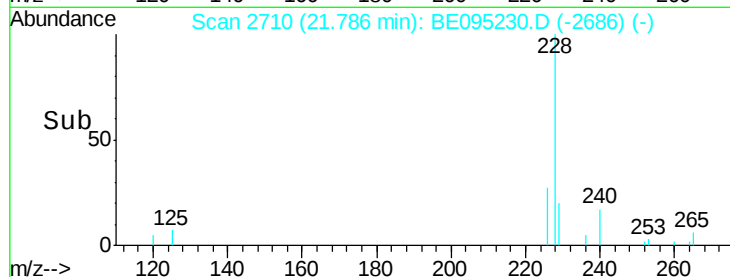
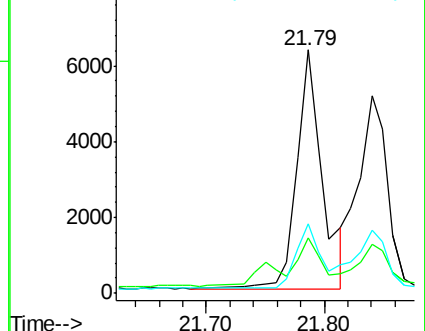
226 28.8 17.0 25.6#



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: 0.167 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095230.D

Acq: 29 Jan 2018 5:03

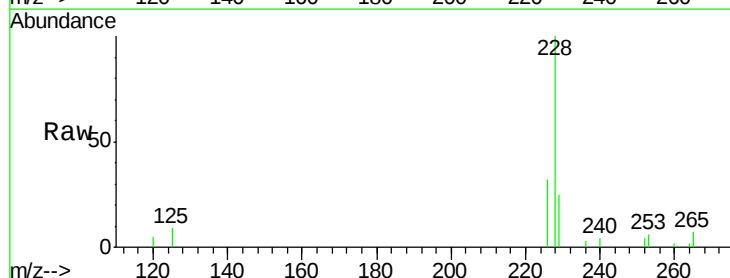
Tgt Ion:228 Resp: 8696

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.0

229 24.6 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

