

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095235.D
 Acq On : 29 Jan 2018 8:02
 Operator : SJ/JU
 Sample : J1223-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 12:13:45 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

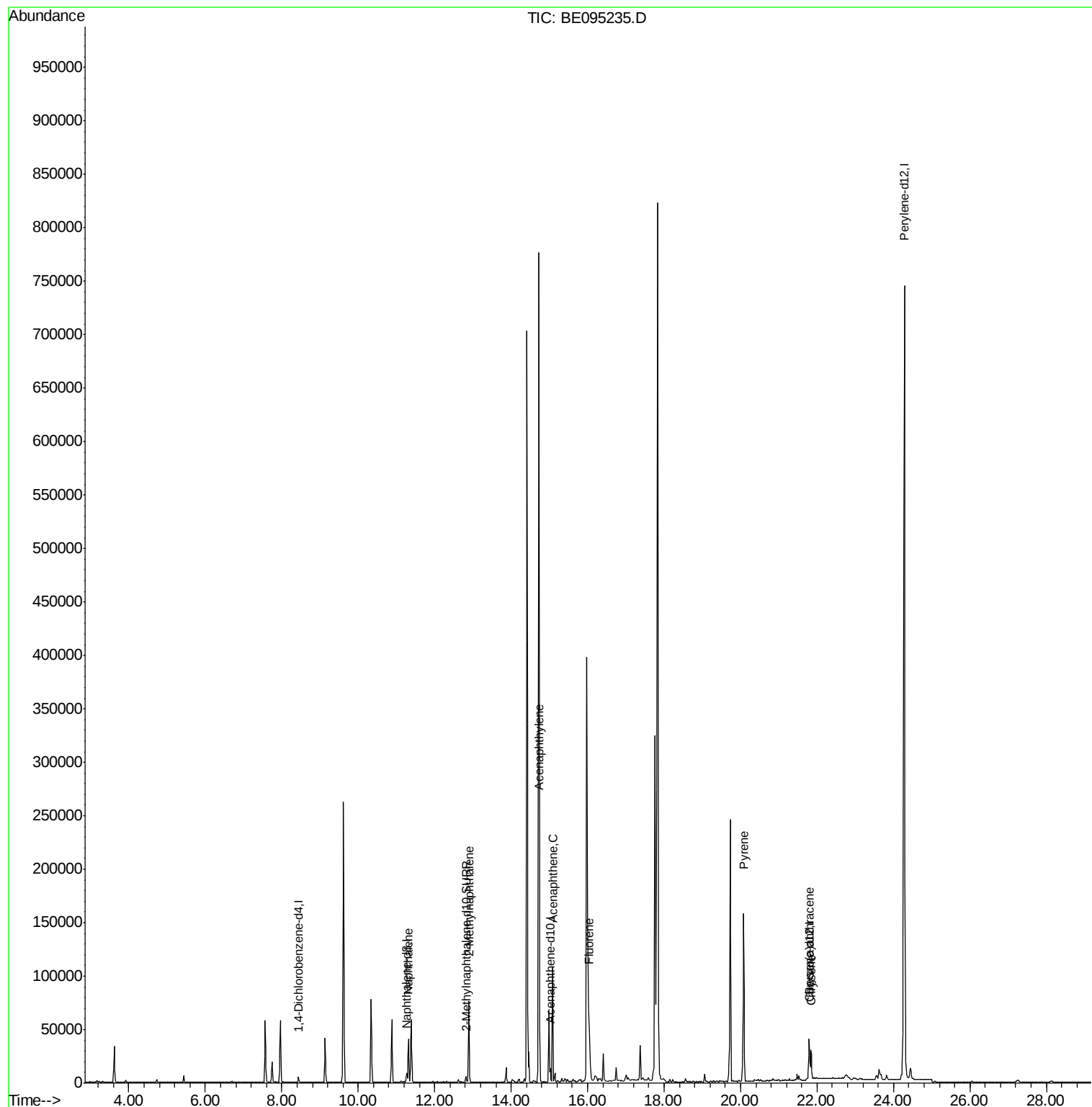
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3607	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11675	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	9025	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.81	240	15212	0.40	ng/ul	0.00
20) Perylene-d12	24.28	264	986210	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6929	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17958	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	57919	1.772	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	59780	2.738	ng/ul	100
7) Acenaphthylene	14.75	152	3715	0.086	ng/ul#	75
8) Acenaphthene	15.08	153	63716	1.891	ng/ul	97
9) Fluorene	16.03	166	72538	2.088	ng/ul#	68
17) Pyrene	20.09	202	175057	3.429	ng/ul#	76
18) Benzo(a)anthracene	21.79	228	39176	0.824	ng/ul#	85
19) Chrysene	21.84	228	28410	0.575	ng/ul	96

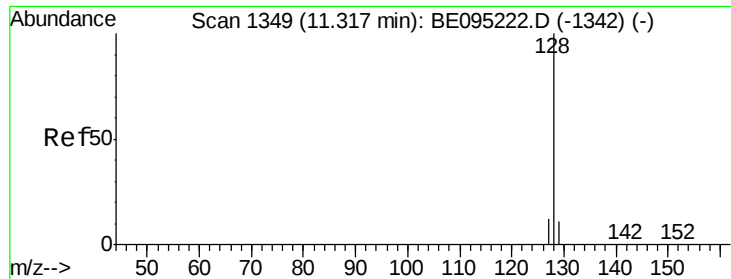
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.772 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

ClientSampleId :

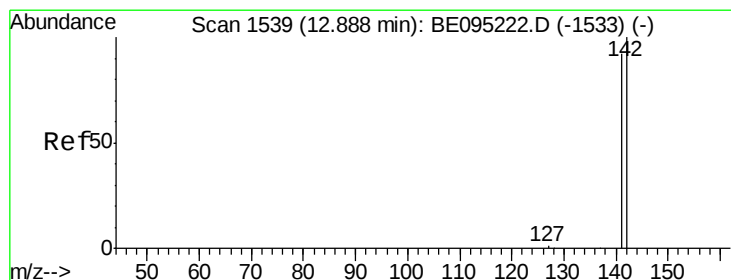
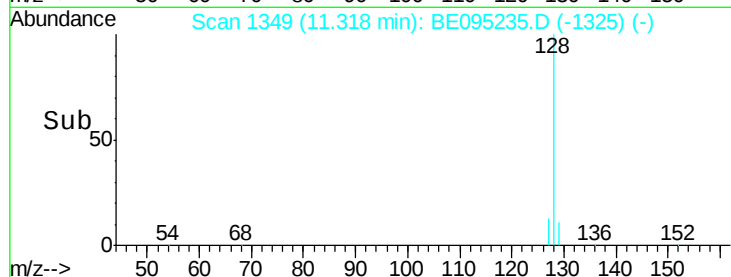
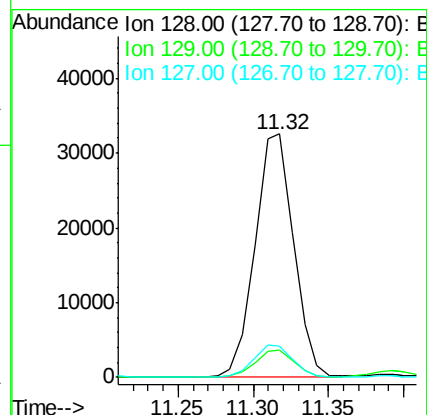
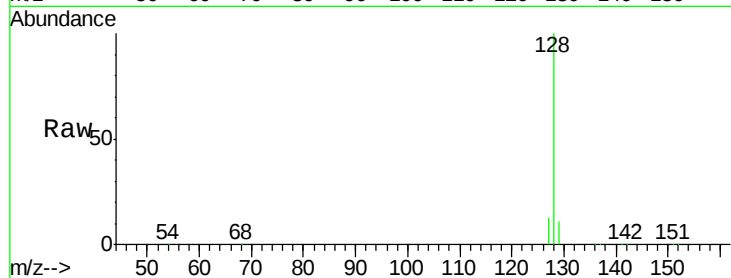
Tot Ion:128 Resp: 57919

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

127 13.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 2.738 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095235.D

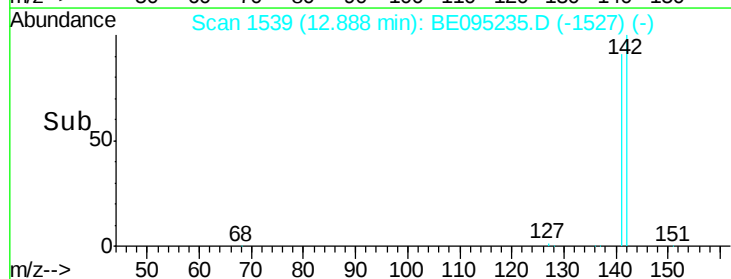
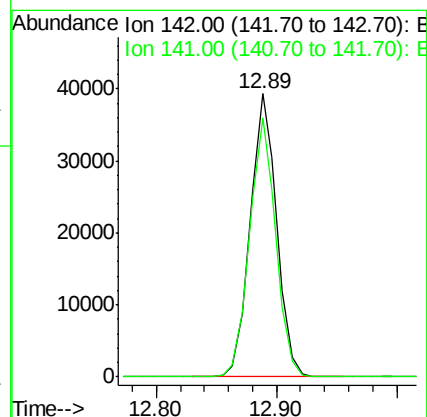
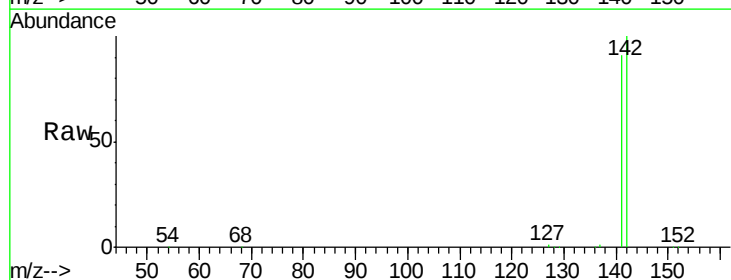
Acq: 29 Jan 2018 8:02

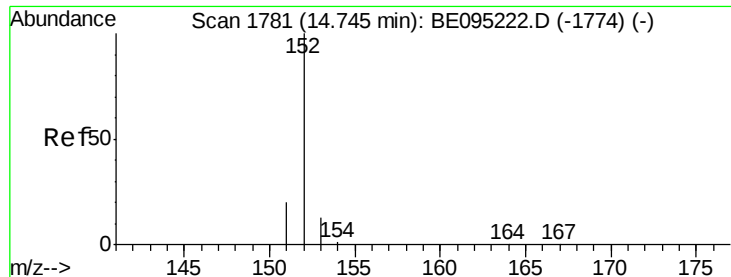
Tgt Ion:142 Resp: 59780

Ion Ratio Lower Upper

142 100

141 90.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.086 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

ClientSampleId :

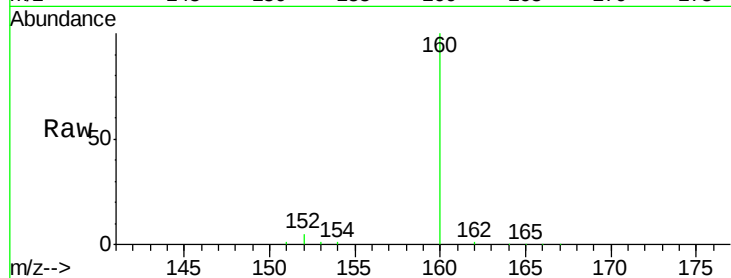
Tot Ion:152 Resp: 3715

Ion Ratio Lower Upper

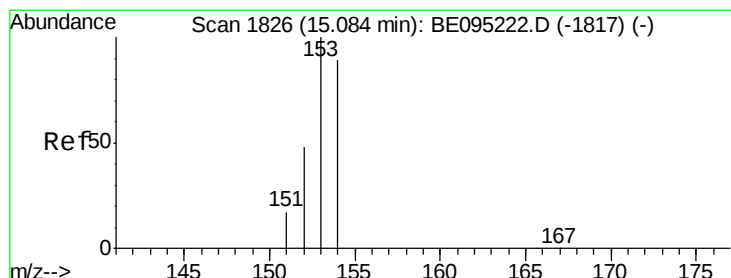
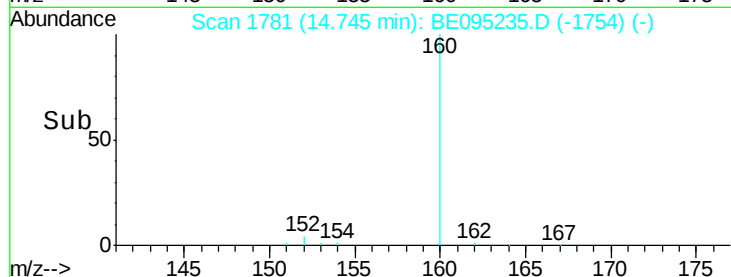
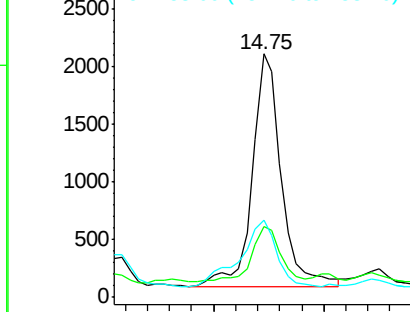
152 100

151 29.2 17.1 25.7#

153 31.8 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: 1.891 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

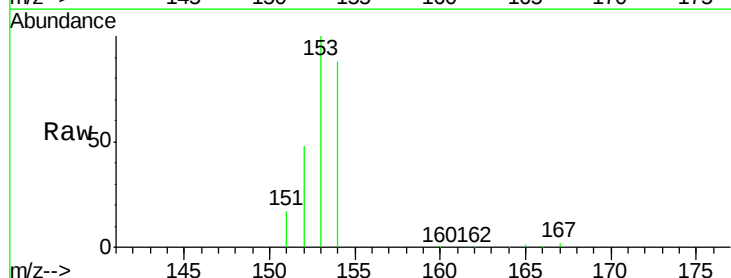
Tgt Ion:153 Resp: 63716

Ion Ratio Lower Upper

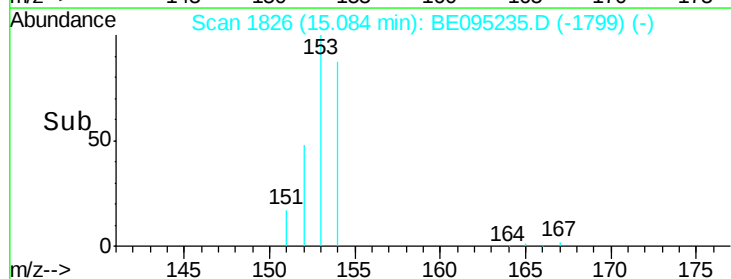
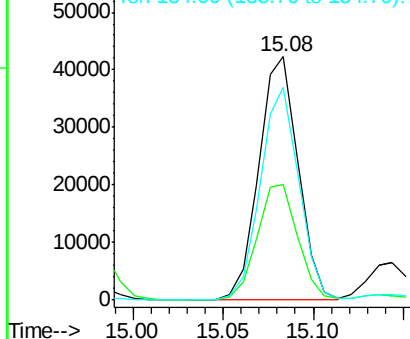
153 100

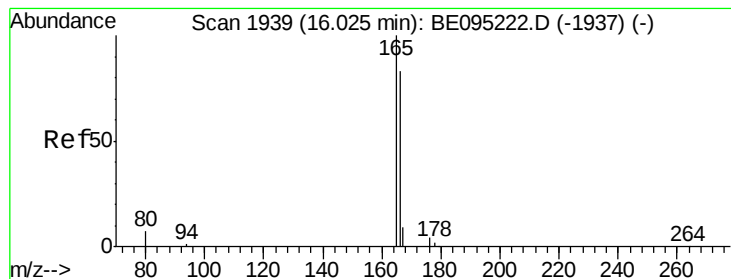
152 47.7 36.0 54.0

154 87.5 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: 2.088 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

ClientSampleId :

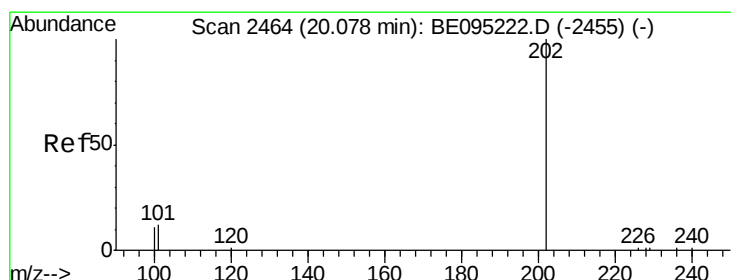
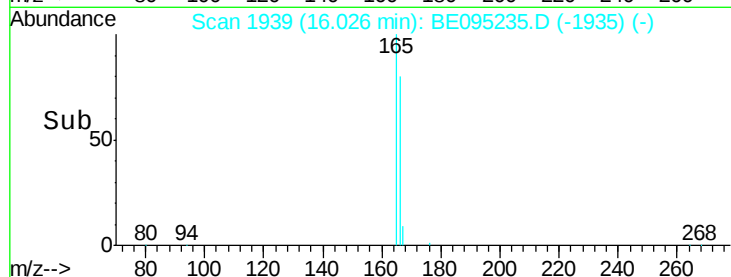
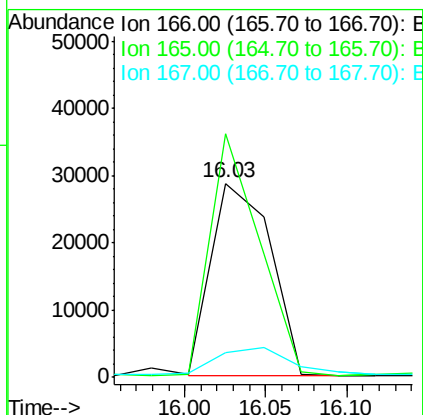
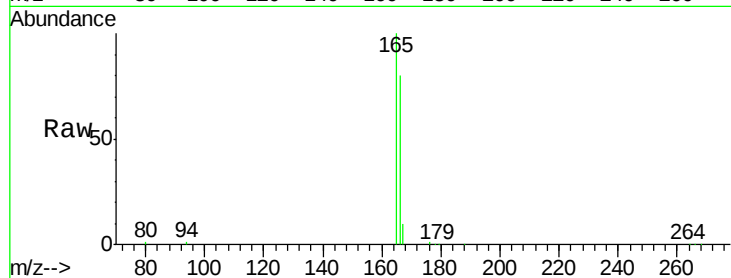
Tot Ion:166 Resp: 72538

Ion Ratio Lower Upper

166 100

165 125.7 73.4 110.2#

167 12.7 14.6 22.0#



#17

Pyrene

Concen: 3.429 ng/ul

RT: 20.09 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

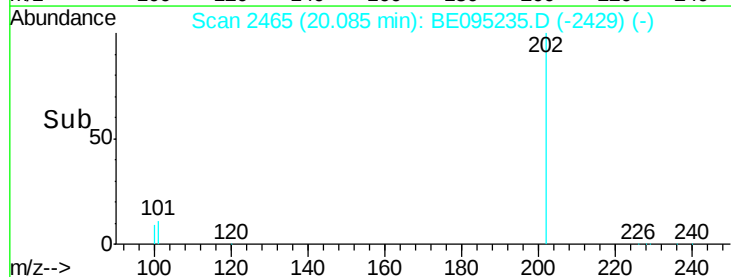
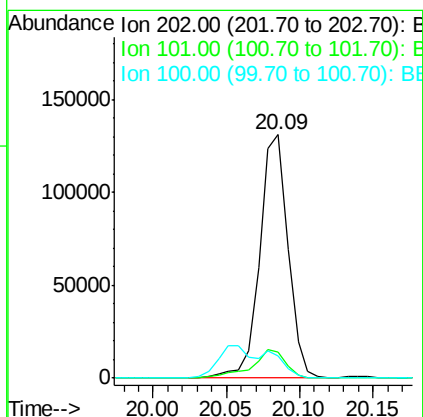
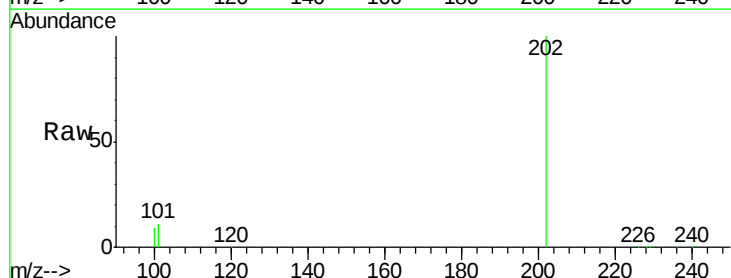
Tgt Ion:202 Resp: 175057

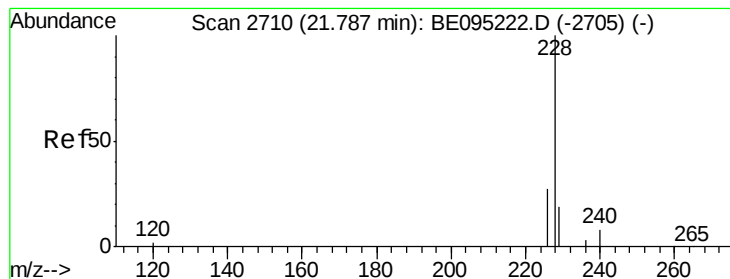
Ion Ratio Lower Upper

202 100

101 10.6 18.2 27.4#

100 9.1 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.824 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

Instrument :

BNA_E

ClientSampleId :

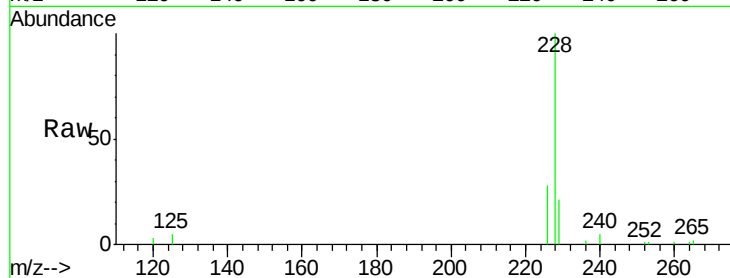
Tot Ion:228 Resp: 39176

Ion Ratio Lower Upper

228 100

229 21.0 22.8 34.2#

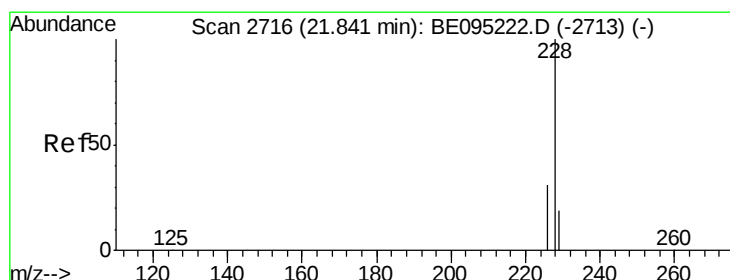
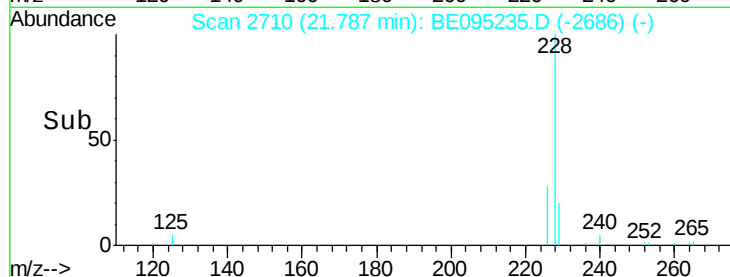
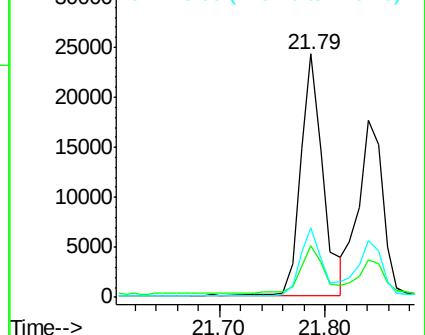
226 28.4 17.0 25.6#



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: 0.575 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095235.D

Acq: 29 Jan 2018 8:02

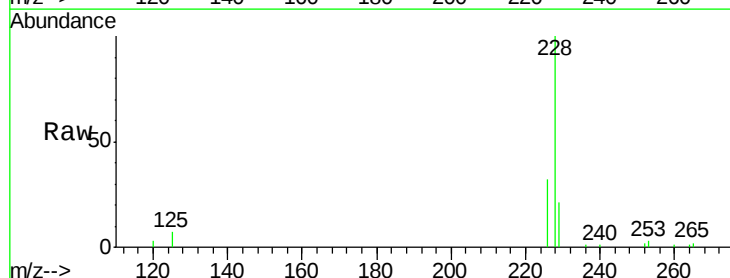
Tgt Ion:228 Resp: 28410

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

229 21.5 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

