

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121817\
 Data File : BE095025.D
 Acq On : 19 Dec 2017 00:10
 Operator : SJ/JU
 Sample : I6900-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 19 04:23:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE121817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:08:16 2017
 Response via : Initial Calibration

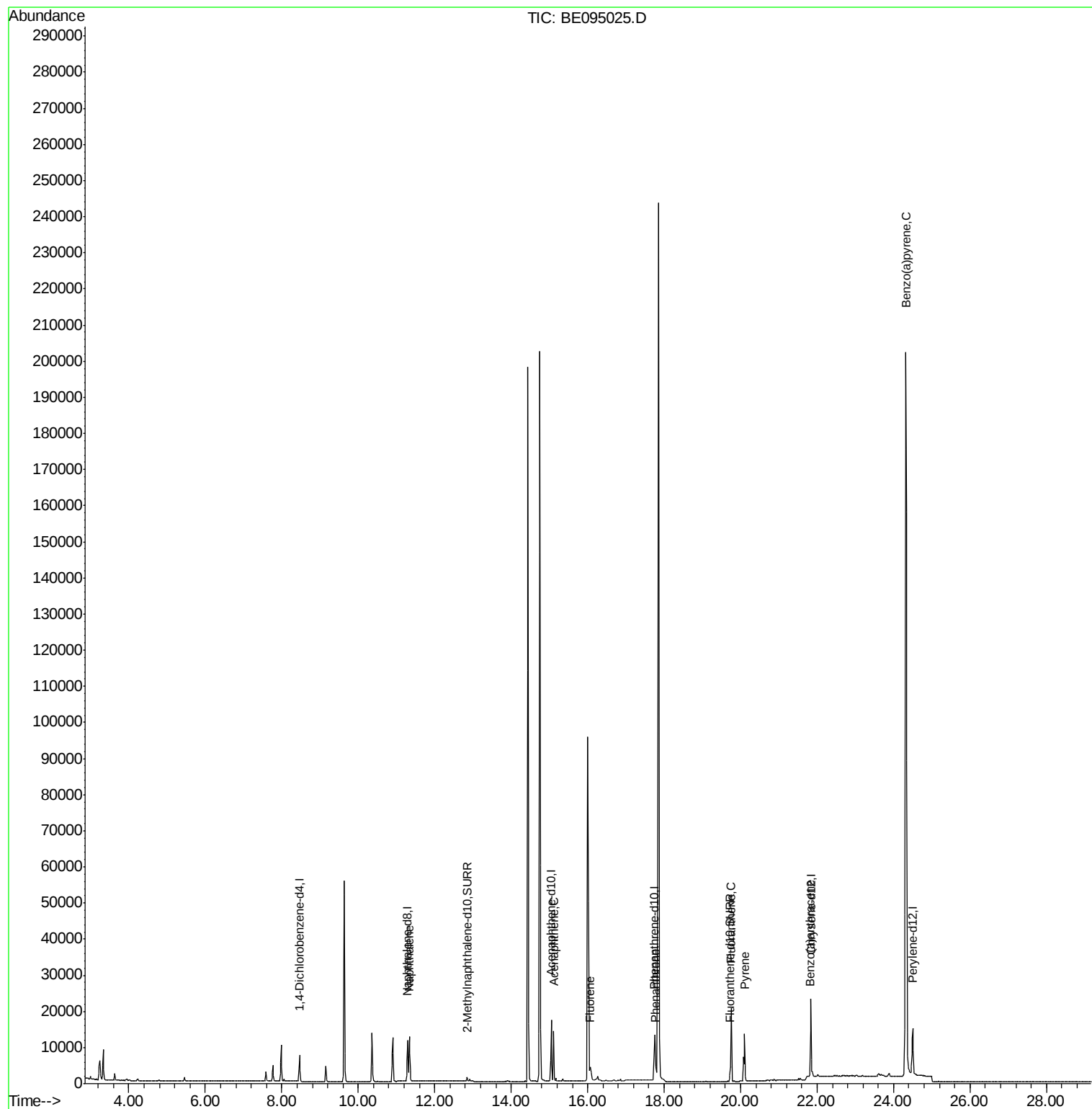
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4631	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	15240	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	9191	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	20836	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	21289	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	20621	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	1546	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	4356	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	17520	0.433	ng/ul#	89
8) Acenaphthene	15.11	153	7891	0.244	ng/ul	95
9) Fluorene	16.07	166	3918	0.109	ng/ul	91
12) Phenanthrene	17.78	178	5515	0.100	ng/ul#	84
15) Fluoranthene	19.76	202	22192	0.310	ng/ul	84
17) Pyrene	20.11	202	14568	0.197	ng/ul#	82
18) Benzo(a)anthracene	21.82	228	2428	0.040	ng/ul#	87
23) Benzo(a)pyrene	24.33	252	1487	0.024	ng/ul#	37

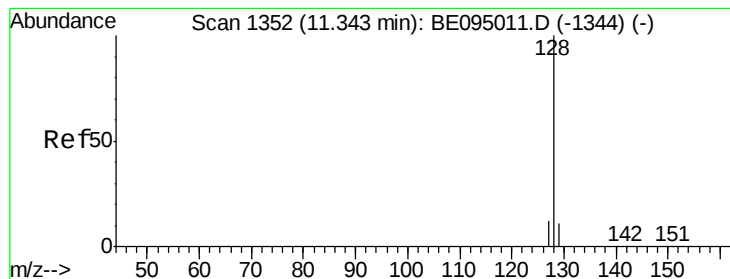
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.433 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE095025.D

Acq: 19 Dec 2017 00:10

Instrument :

BNA_E

ClientSampleId :

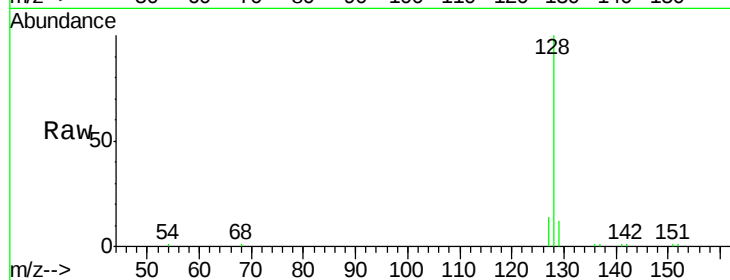
Tot Ion:128 Resp: 17520

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

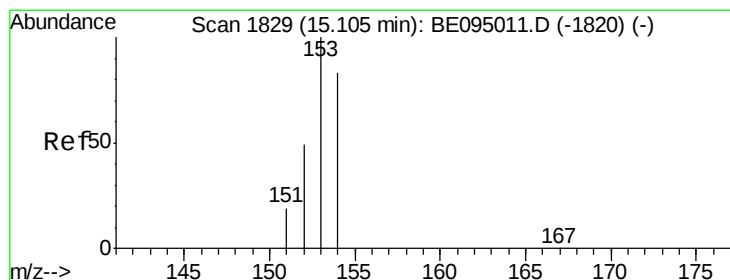
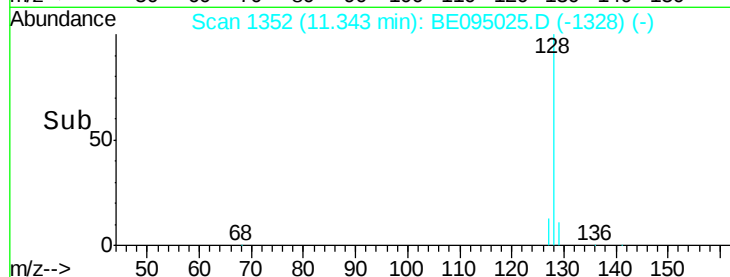
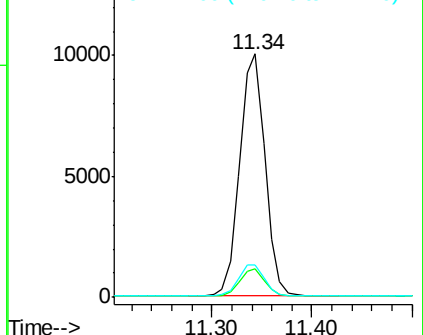
127 13.5 4.0 6.0#



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



#8

Acenaphthene

Concen: 0.244 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095025.D

Acq: 19 Dec 2017 00:10

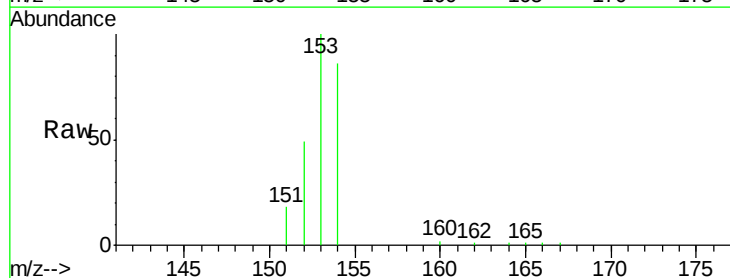
Tgt Ion:153 Resp: 7891

Ion Ratio Lower Upper

153 100

152 49.2 36.0 54.0

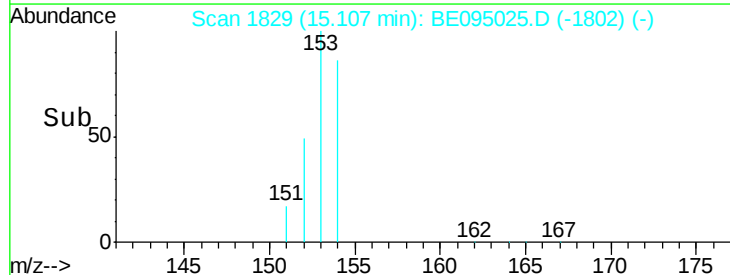
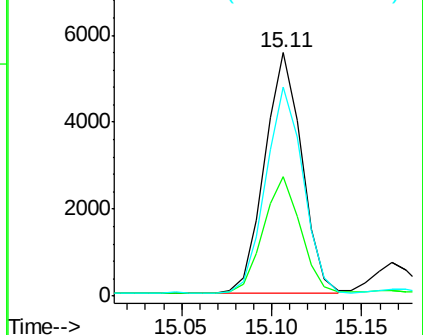
154 85.9 72.0 108.0

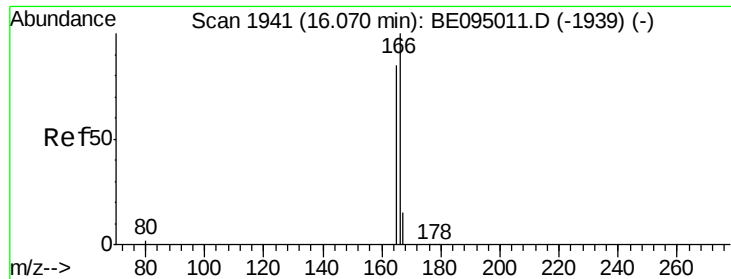


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.109 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095025.D

Acq: 19 Dec 2017 00:10

Instrument :

BNA_E

ClientSampleId :

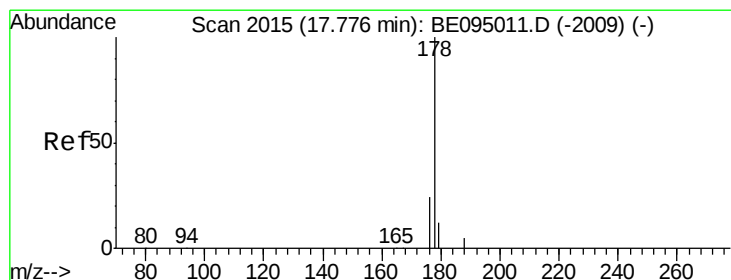
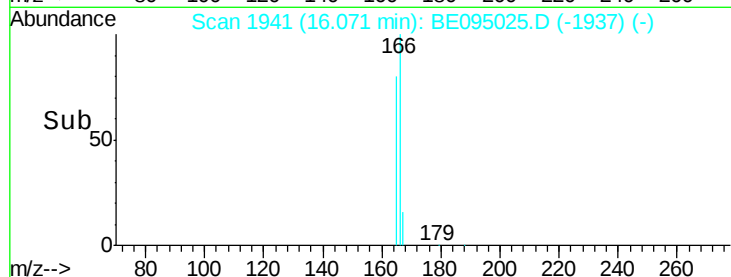
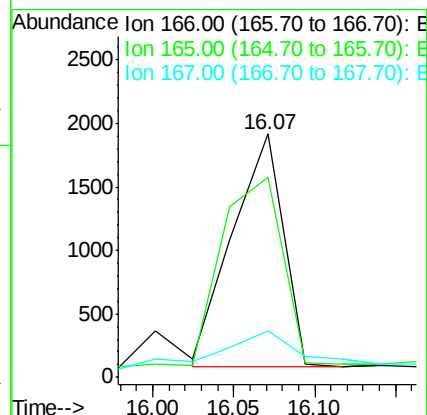
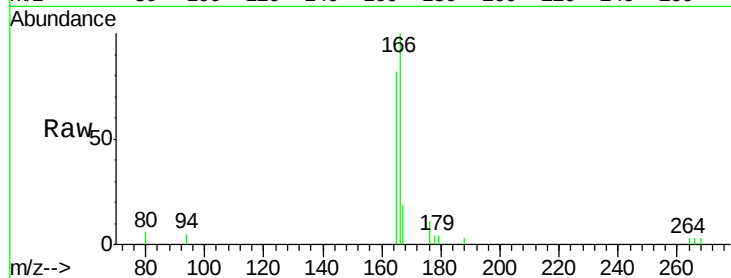
Tot Ion:166 Resp: 3918

Ion Ratio Lower Upper

166 100

165 82.0 73.4 110.2

167 19.2 14.6 22.0



#12

Phenanthrene

Concen: 0.100 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095025.D

Acq: 19 Dec 2017 00:10

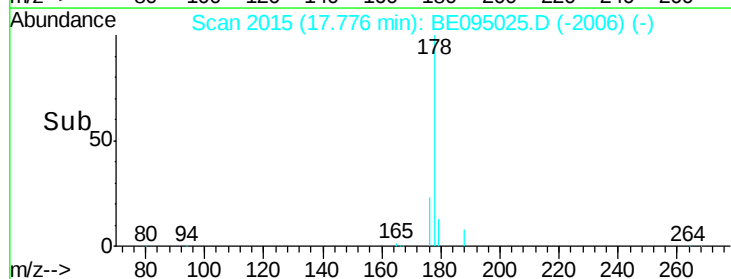
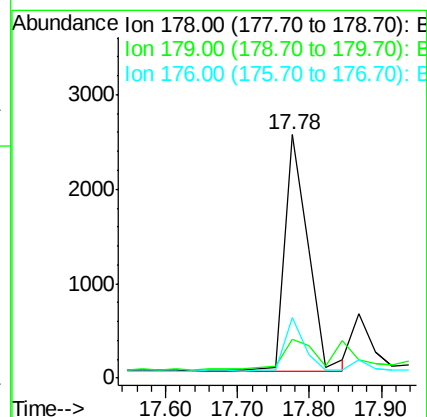
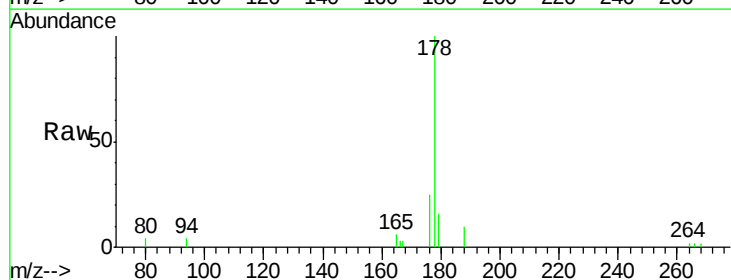
Tgt Ion:178 Resp: 5515

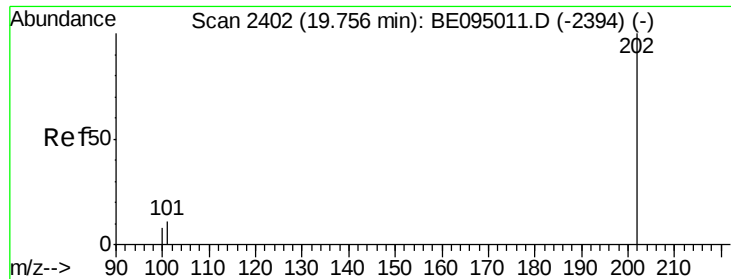
Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

176 24.9 13.6 20.4#

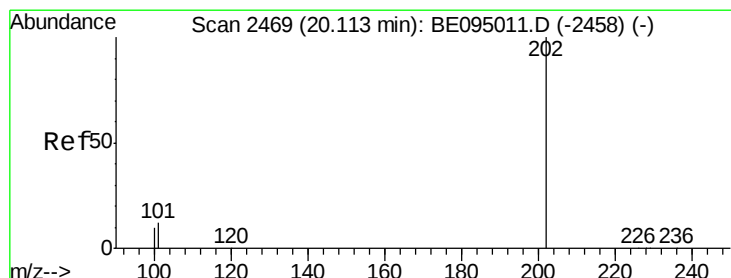
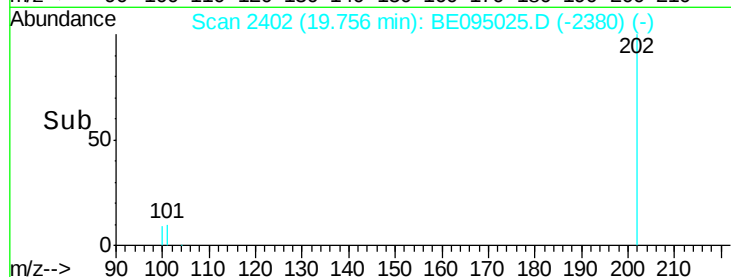
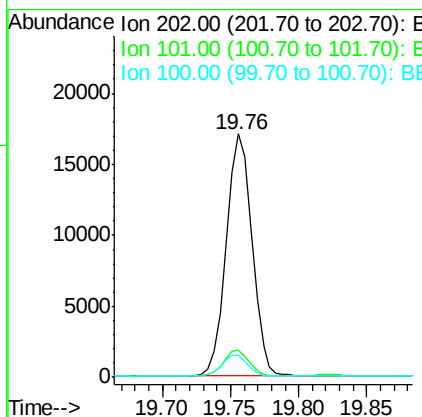
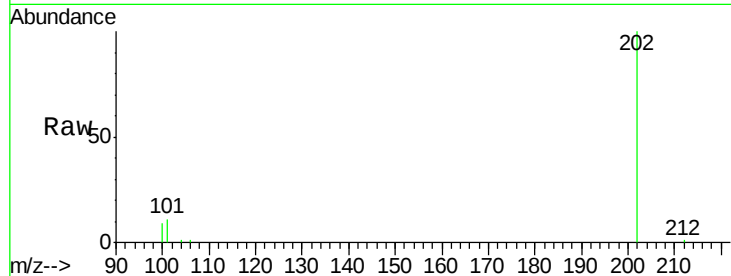




#15
Fluoranthene
 Concen: 0.310 ng/ul
 RT: 19.76 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BE095025.D
 Acq: 19 Dec 2017 00:10

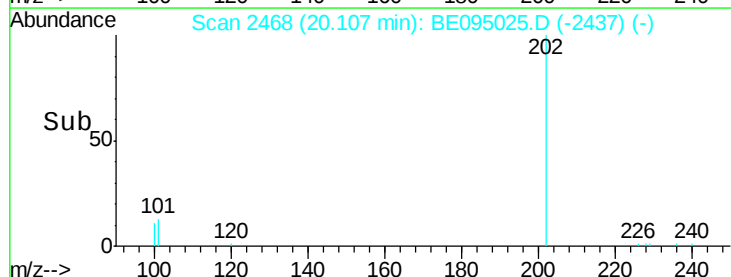
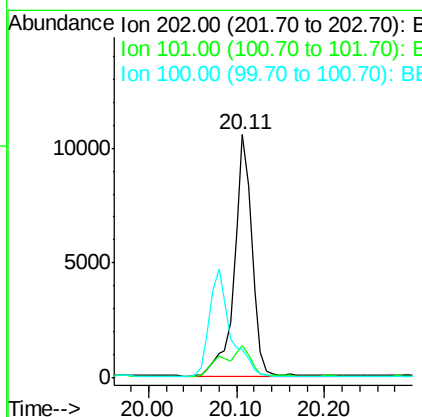
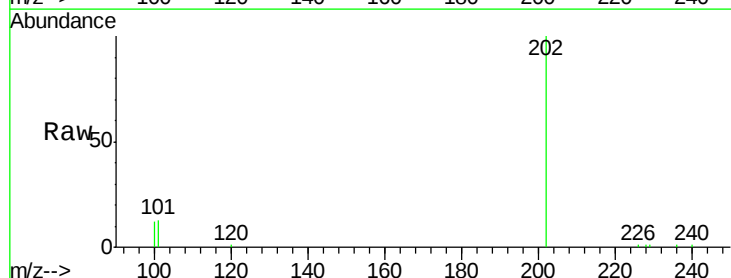
Instrument :
 BNA_E
 ClientSampleId :

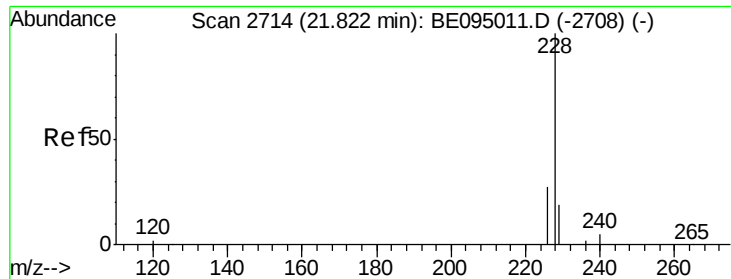
Tot Ion:202 Resp: 22192
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 100 9.0 0.0 39.5



#17
Pyrene
 Concen: 0.197 ng/ul
 RT: 20.11 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BE095025.D
 Acq: 19 Dec 2017 00:10

Tgt Ion:202 Resp: 14568
 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: 0.040 ng/ul

RT: 21.82 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BE095025.D

Acq: 19 Dec 2017 00:10

Instrument :

BNA_E

ClientSampleId :

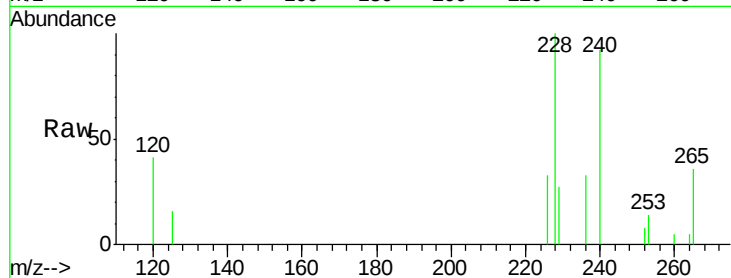
Tot Ion:228 Resp: 2428

Ion Ratio Lower Upper

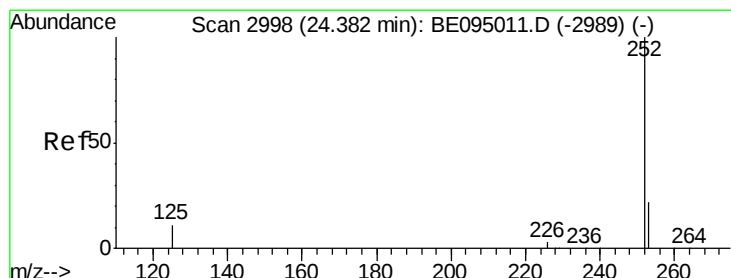
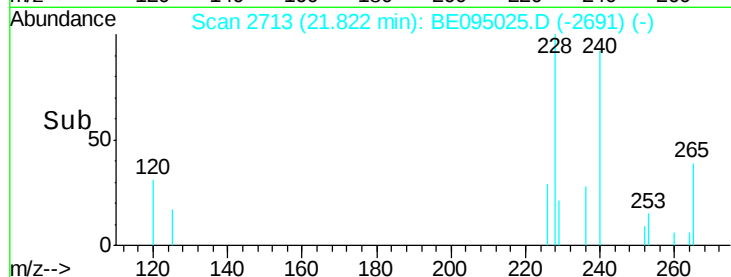
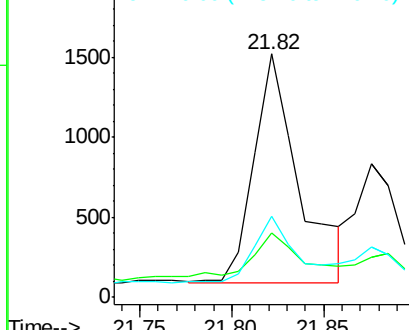
228 100

229 26.6 22.8 34.2

226 33.0 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



#23

Benzo(a)pyrene

Concen: 0.024 ng/ul

RT: 24.33 min Scan# 2991

Delta R.T. -0.05 min

Lab File: BE095025.D

Acq: 19 Dec 2017 00:10

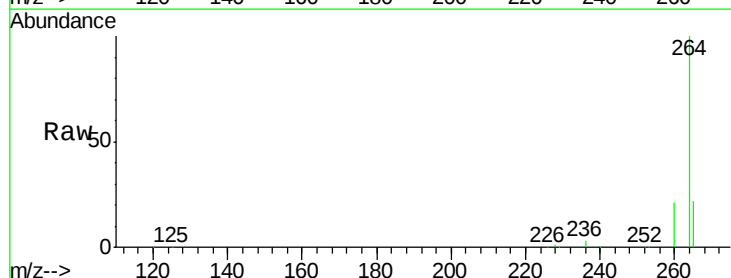
Tgt Ion:252 Resp: 1487

Ion Ratio Lower Upper

252 100

253 62.9 28.5 42.7#

125 65.4 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

