

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 08:13:43 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

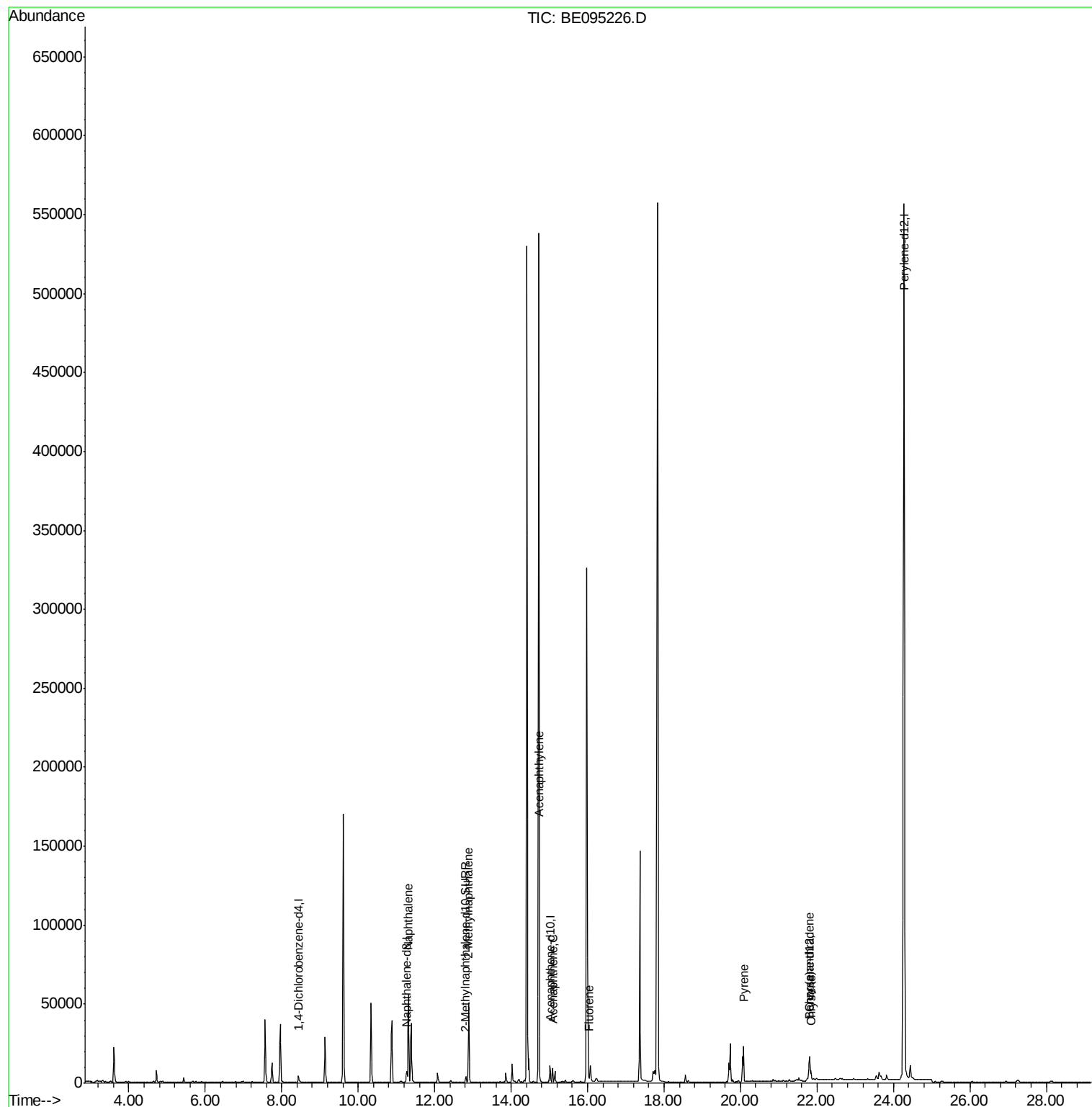
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2871	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9374	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6139	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	13024	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	685458	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4609	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12853	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.31	128	79098	3.013	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	39757	2.268	ng/ul	100
7) Acenaphthylene	14.74	152	1312	0.044	ng/ul#	67
8) Acenaphthene	15.08	153	5362	0.234	ng/ul	96
9) Fluorene	16.03	166	3311	0.140	ng/ul#	75
17) Pyrene	20.08	202	24625	0.563	ng/ul#	82
18) Benzo(a)anthracene	21.79	228	7088	0.174	ng/ul#	88
19) Chrysene	21.84	228	6594	0.156	ng/ul	93

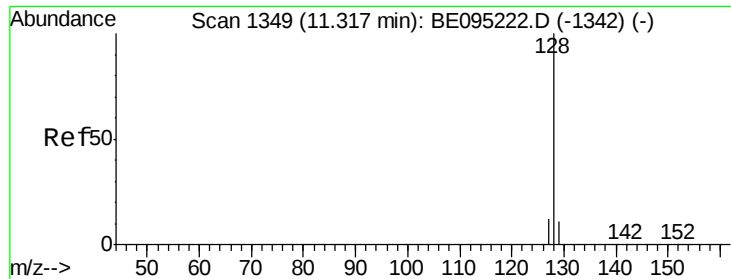
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.013 ng/ul

RT: 11.31 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BE095226.D

Acq: 29 Jan 2018 2:39

Instrument :

BNA_E

ClientSampleId :

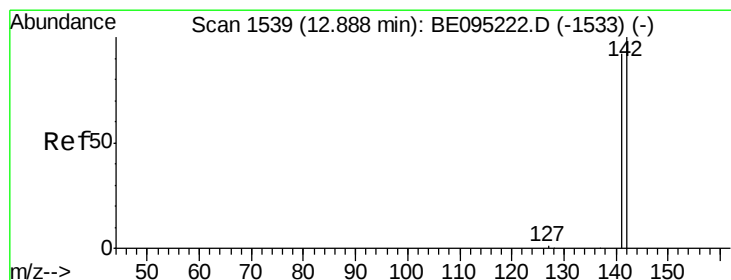
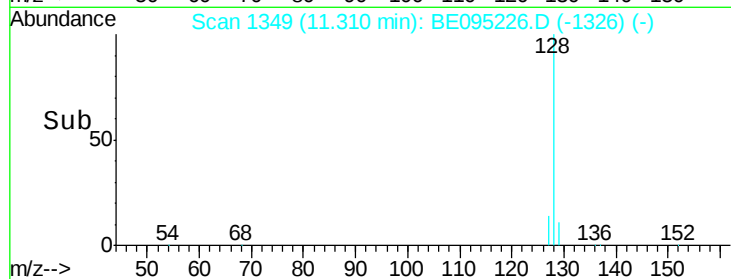
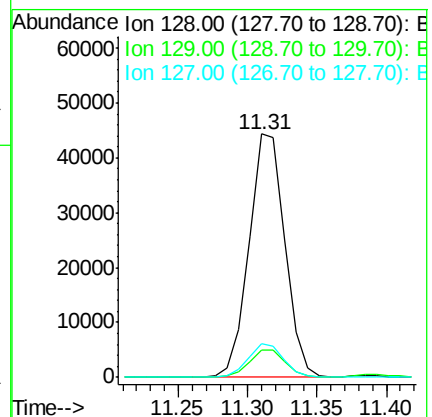
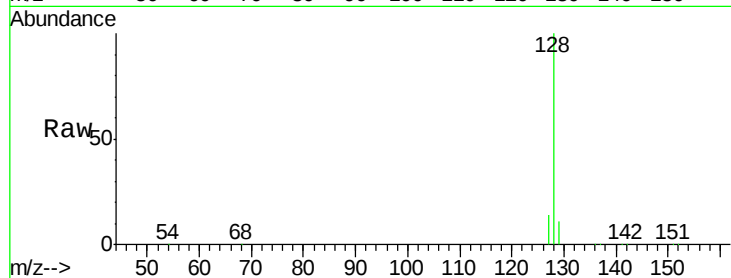
Tot Ion:128 Resp: 79098

Ion Ratio Lower Upper

128 100

129 10.9 11.3 16.9#

127 13.8 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 2.268 ng/ul

RT: 12.89 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BE095226.D

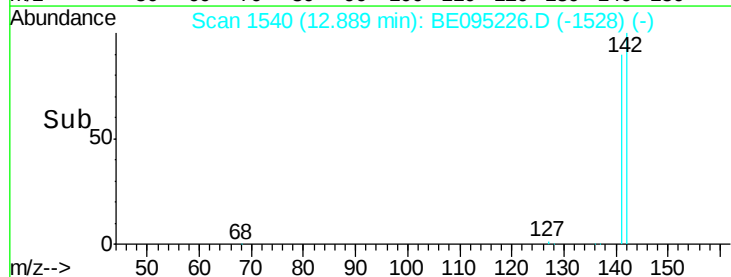
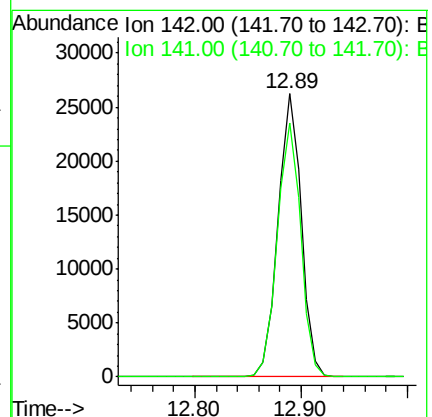
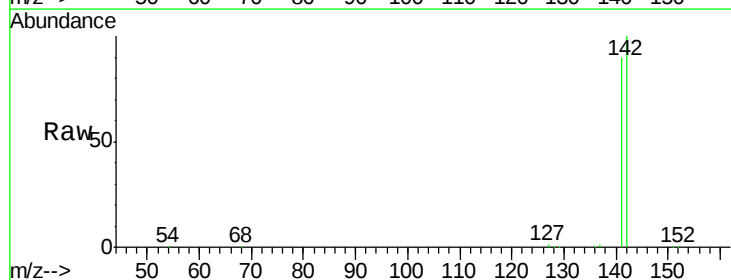
Acq: 29 Jan 2018 2:39

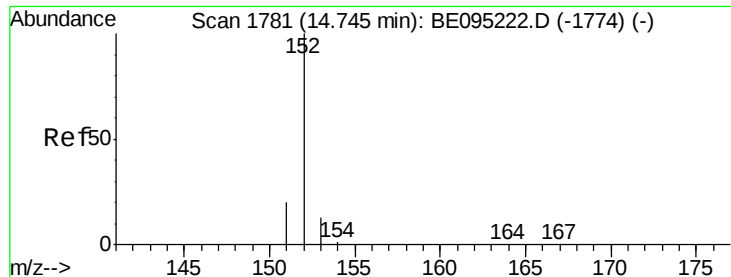
Tgt Ion:142 Resp: 39757

Ion Ratio Lower Upper

142 100

141 90.3 72.6 108.8





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 14.74 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE095226.D

Acq: 29 Jan 2018 2:39

Instrument :

BNA_E

ClientSampled :

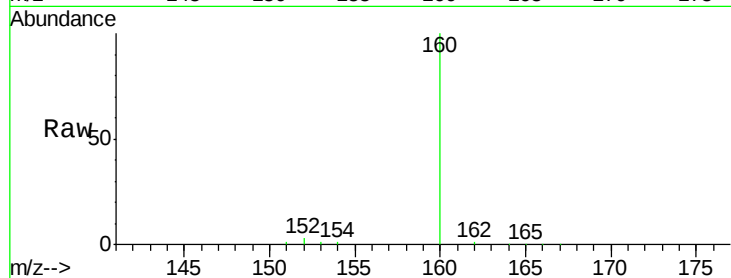
Tot Ion:152 Resp: 1312

Ion Ratio Lower Upper

152 100

151 31.8 17.1 25.7#

153 36.2 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

14.74

800

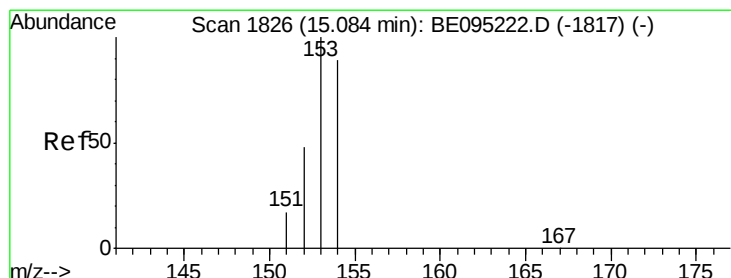
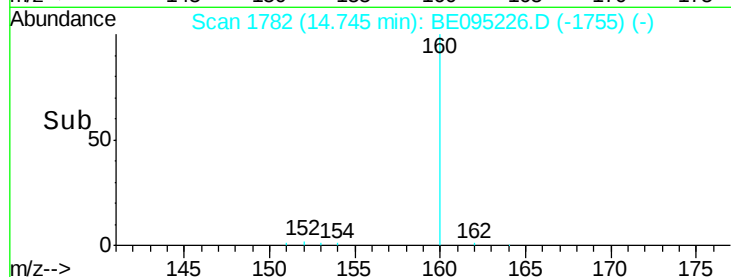
600

400

200

0

Time--> 14.60 14.80



#8

Acenaphthene

Concen: 0.234 ng/ul

RT: 15.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BE095226.D

Acq: 29 Jan 2018 2:39

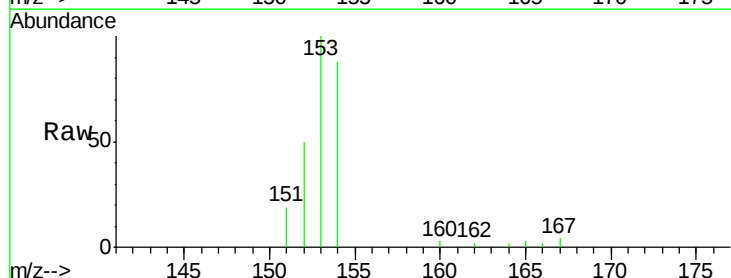
Tgt Ion:153 Resp: 5362

Ion Ratio Lower Upper

153 100

152 49.6 36.0 54.0

154 88.1 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

15.08

8000

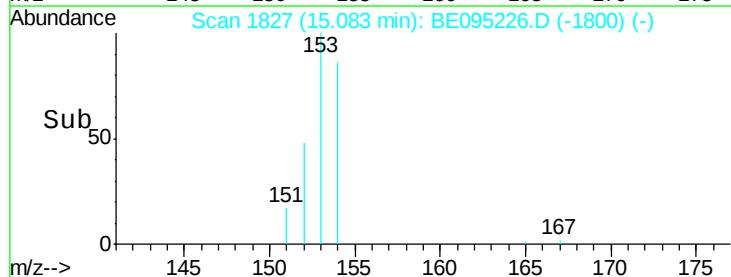
6000

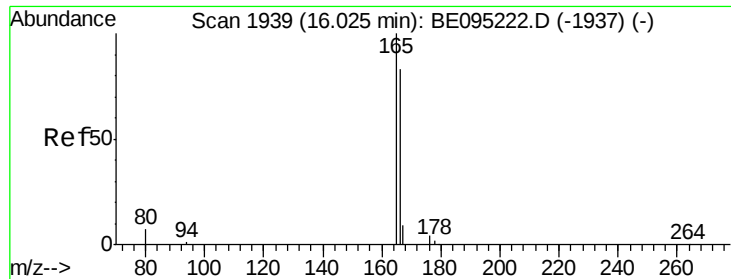
4000

2000

0

Time--> 15.05 15.10

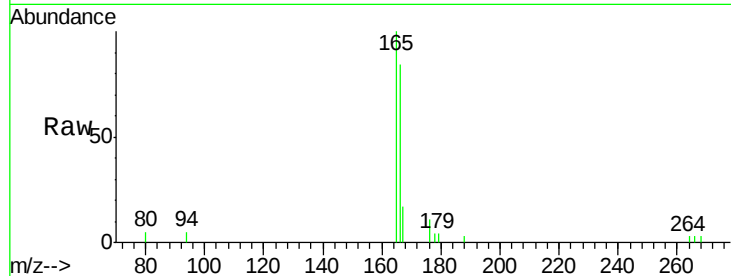




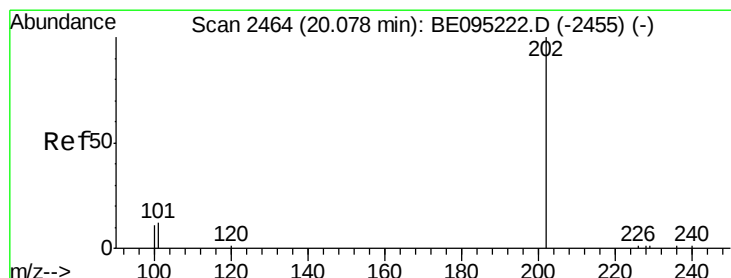
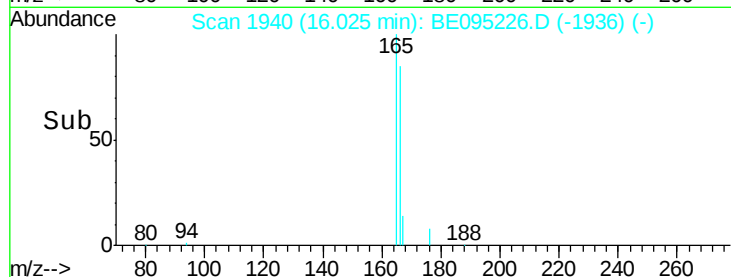
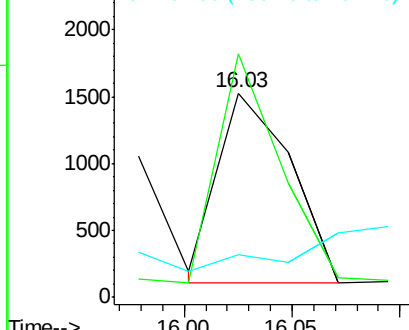
#9
Fluorene
 Concen: 0.140 ng/ul
 RT: 16.03 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BE095226.D
 Acq: 29 Jan 2018 2:39

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 3311
 Ion Ratio Lower Upper
 166 100
 165 119.1 73.4 110.2#
 167 20.8 14.6 22.0

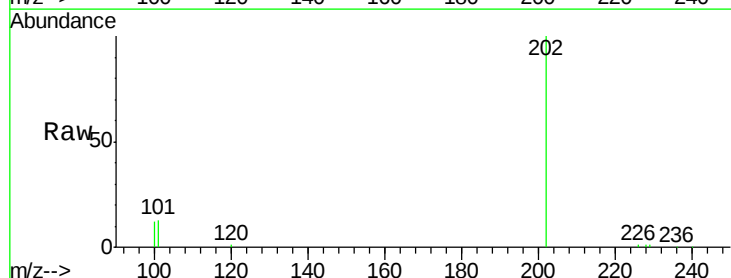


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

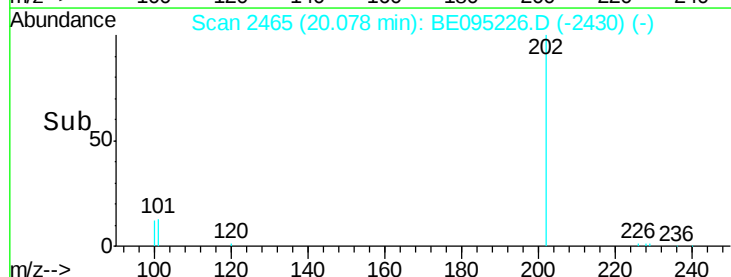
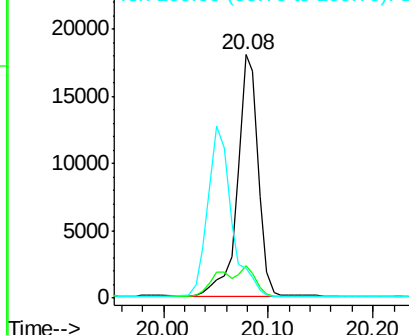


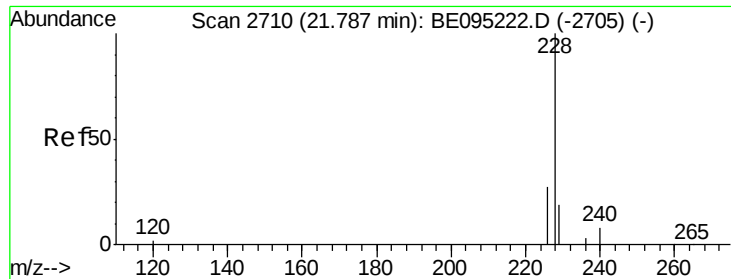
#17
Pyrene
 Concen: 0.563 ng/ul
 RT: 20.08 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BE095226.D
 Acq: 29 Jan 2018 2:39

Tgt Ion:202 Resp: 24625
 Ion Ratio Lower Upper
 202 100
 101 13.2 18.2 27.4#
 100 12.1 15.6 23.4#



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

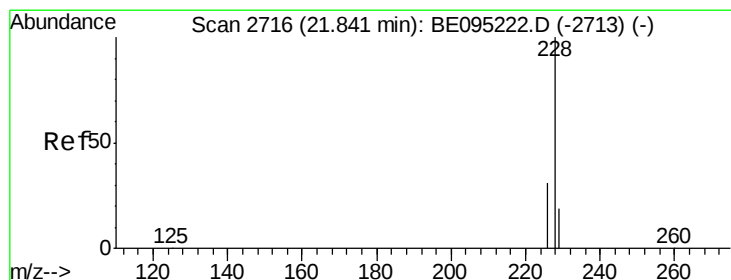
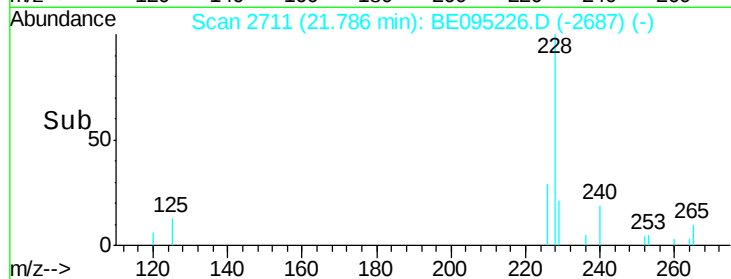
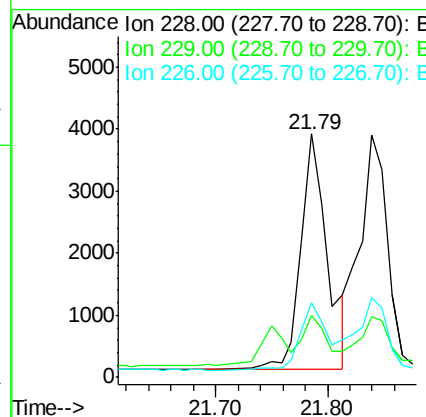
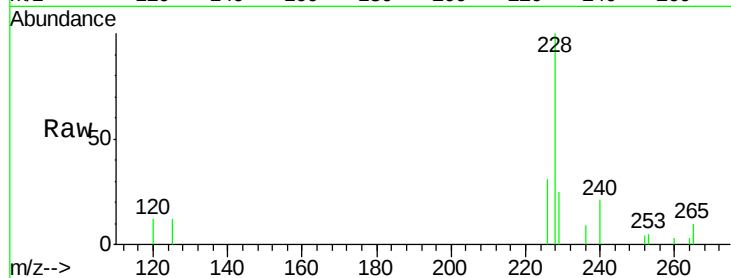




#18
Benzo(a)anthracene
Concen: 0.174 ng/ul
RT: 21.79 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BE095226.D
Acq: 29 Jan 2018 2:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 7088
Ion Ratio Lower Upper
228 100
229 25.2 22.8 34.2
226 30.9 17.0 25.6#



#19
Chrysene
Concen: 0.156 ng/ul
RT: 21.84 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BE095226.D
Acq: 29 Jan 2018 2:39

Tgt Ion:228 Resp: 6594
Ion Ratio Lower Upper
228 100
226 33.0 23.4 35.0
229 25.0 17.7 26.5

