

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095231.D
 Acq On : 29 Jan 2018 5:38
 Operator : SJ/JU
 Sample : J1223-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 12:13:05 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

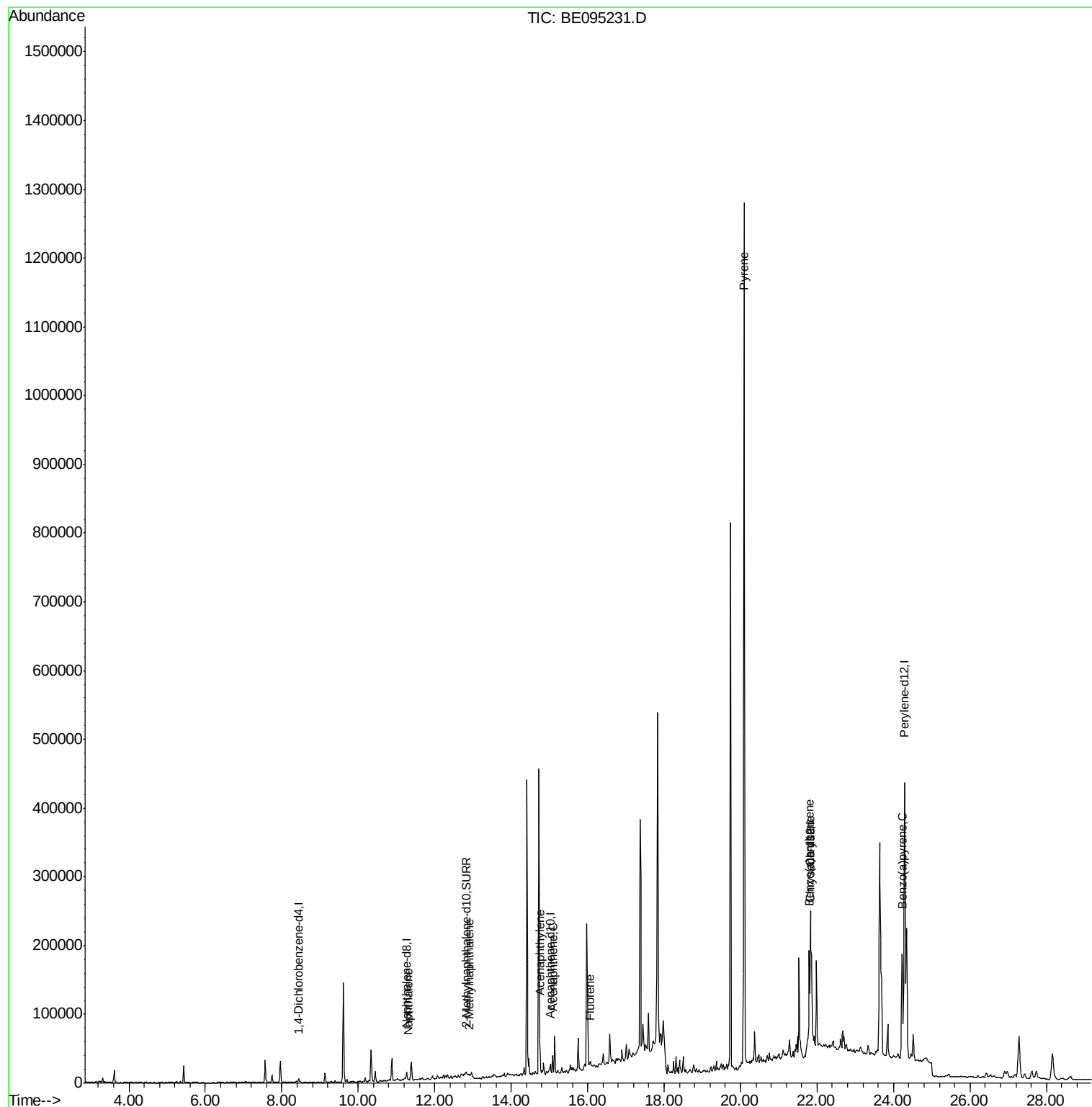
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3493	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11364	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	8405	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.81	240	12625	0.40	ng/ul	0.00
20) Perylene-d12	24.29	264	540745	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4801	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.71	212	9503	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.32	128	2052	0.064	ng/ul#	78
5) 2-Methylnaphthalene	12.89	142	1091	0.051	ng/ul#	78
7) Acenaphthylene	14.75	152	26178	0.647	ng/ul#	58
8) Acenaphthene	15.08	153	13912	0.443	ng/ul#	89
9) Fluorene	16.05	166	4498	0.139	ng/ul#	28
17) Pyrene	20.09	202	1381046	32.600	ng/ul#	75
18) Benzo(a)anthracene	21.80	228	175010	4.434	ng/ul#	88
19) Chrysene	21.83	228	260578	6.358	ng/ul	92
23) Benzo(a)pyrene	24.23	252	266971	0.157	ng/ul#	86

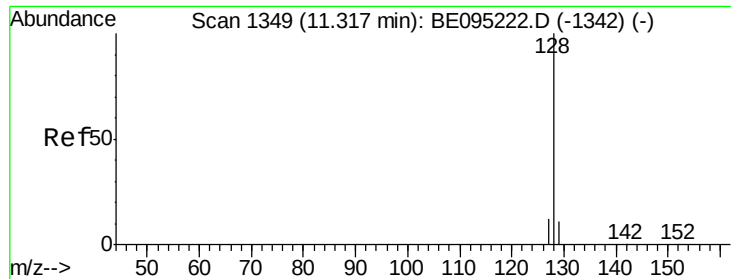
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095231.D

Acq: 29 Jan 2018 5:38

Instrument :

BNA_E

ClientSampleId :

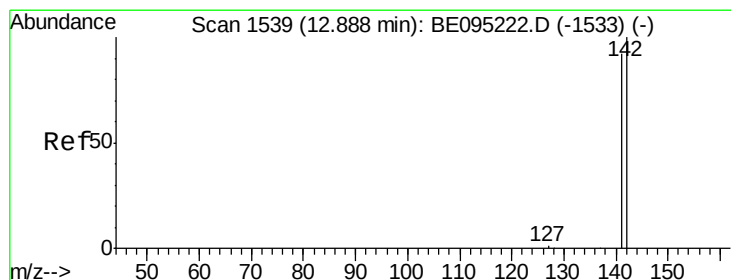
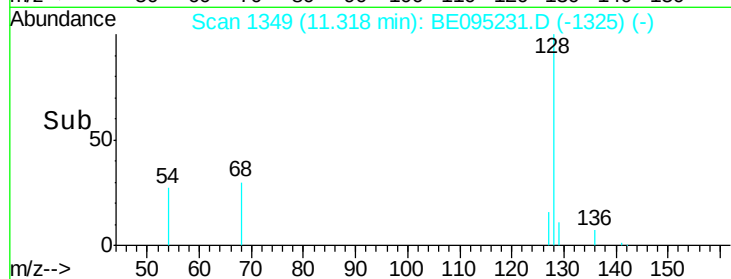
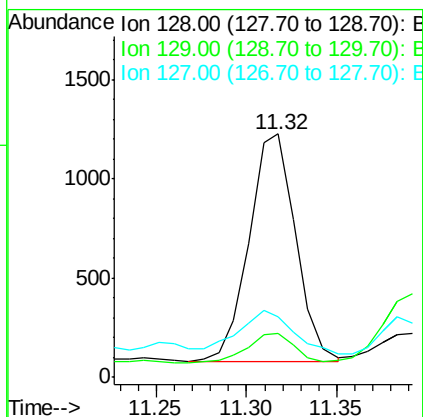
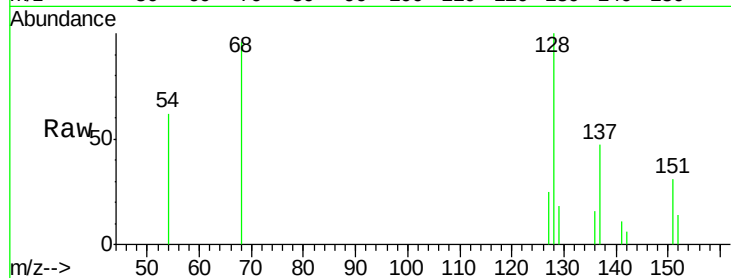
Tot Ion:128 Resp: 2052

Ion Ratio Lower Upper

128 100

129 17.8 11.3 16.9#

127 25.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095231.D

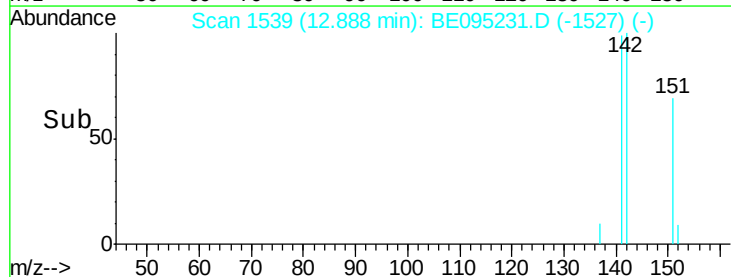
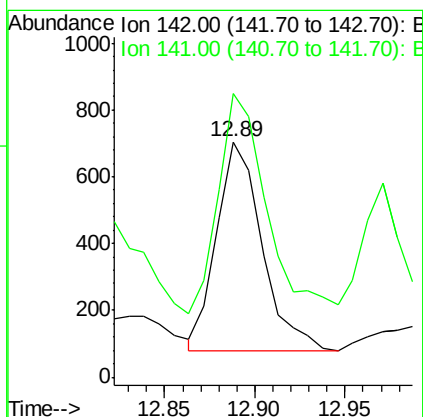
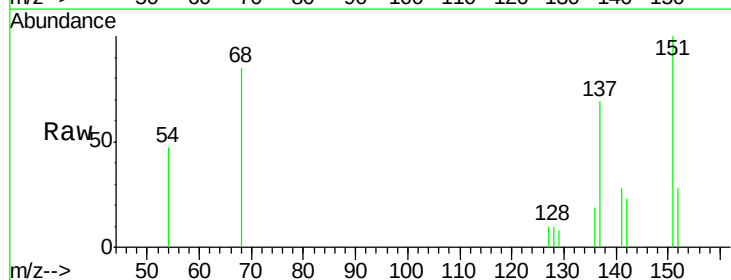
Acq: 29 Jan 2018 5:38

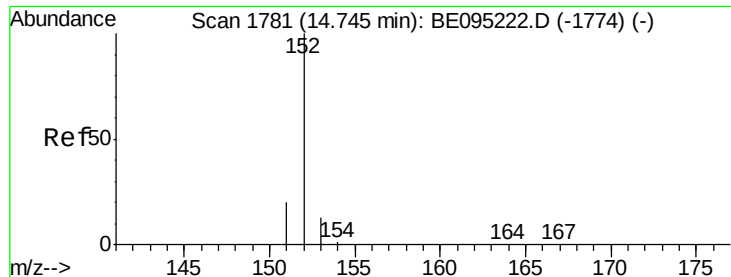
Tgt Ion:142 Resp: 1091

Ion Ratio Lower Upper

142 100

141 111.6 72.6 108.8#





#7

Acenaphthylene

Concen: 0.647 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095231.D

Acq: 29 Jan 2018 5:38

Instrument :

BNA_E

ClientSampleId :

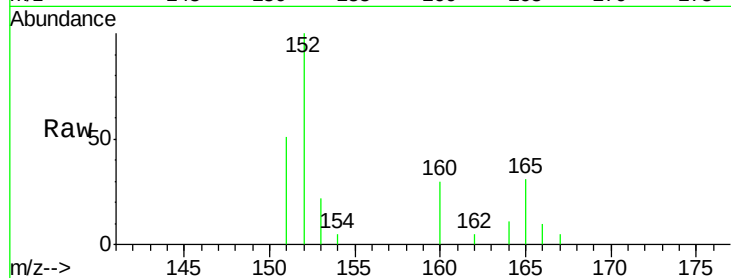
Tot Ion:152 Resp: 26178

Ion Ratio Lower Upper

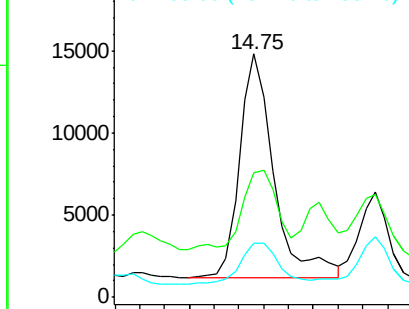
152 100

151 51.3 17.1 25.7#

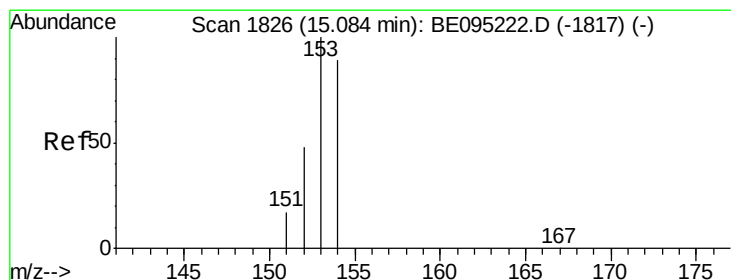
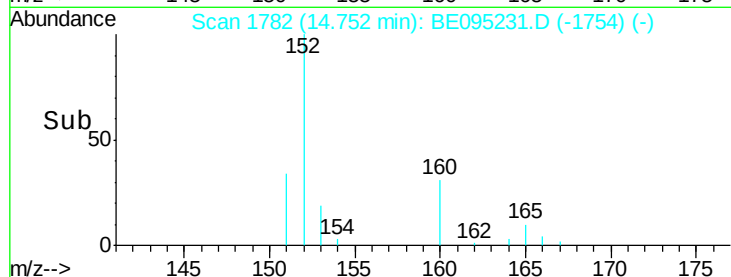
153 22.0 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.443 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095231.D

Acq: 29 Jan 2018 5:38

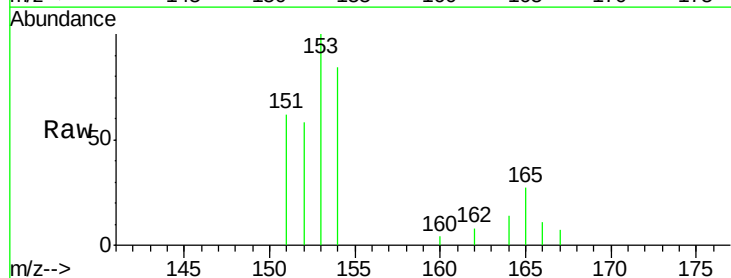
Tgt Ion:153 Resp: 13912

Ion Ratio Lower Upper

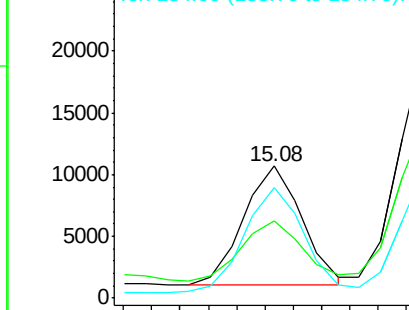
153 100

152 58.4 36.0 54.0#

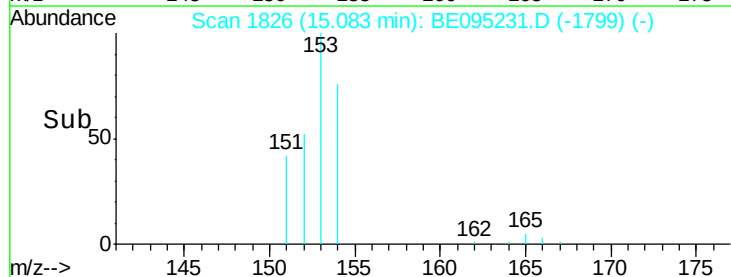
154 83.6 72.0 108.0

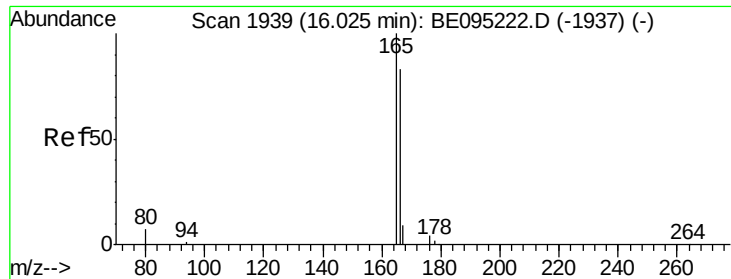


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

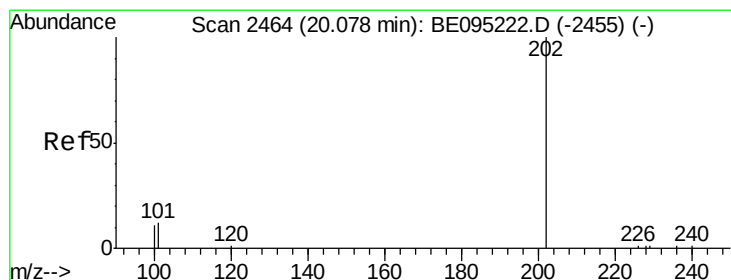
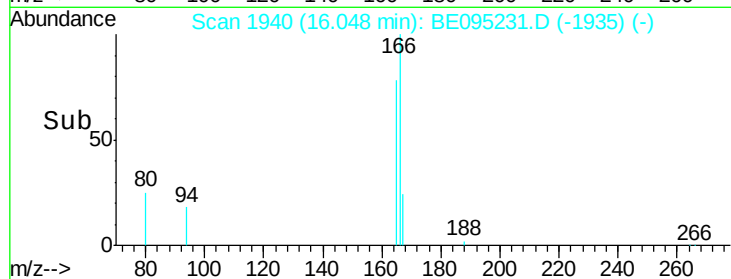
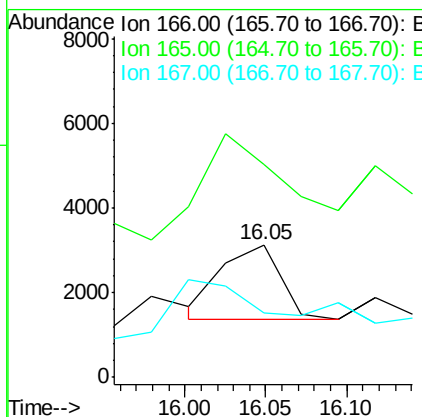
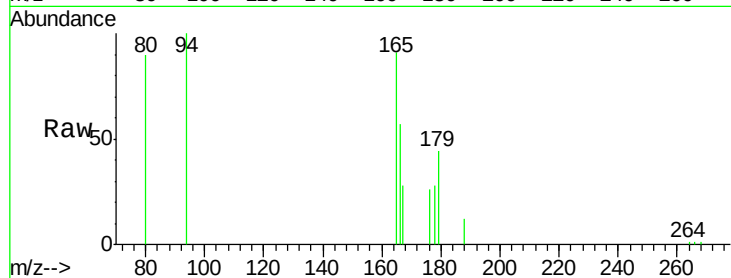




#9
Fluorene
 Concen: 0.139 ng/ul
 RT: 16.05 min Scan# 1940
 Delta R.T. 0.02 min
 Lab File: BE095231.D
 Acq: 29 Jan 2018 5:38

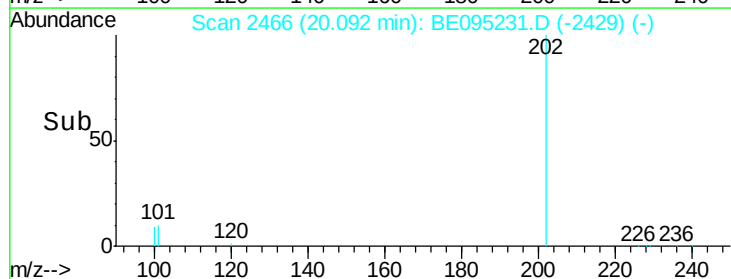
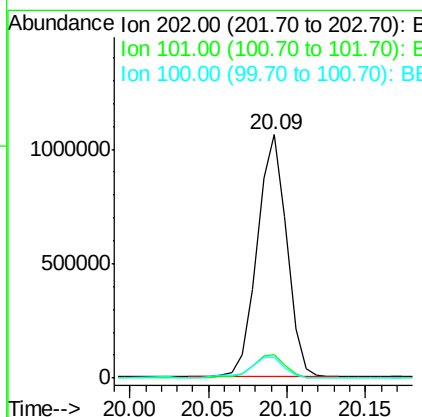
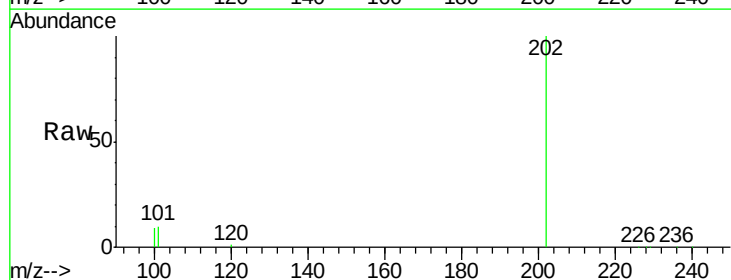
Instrument :
 BNA_E
 ClientSampleId :

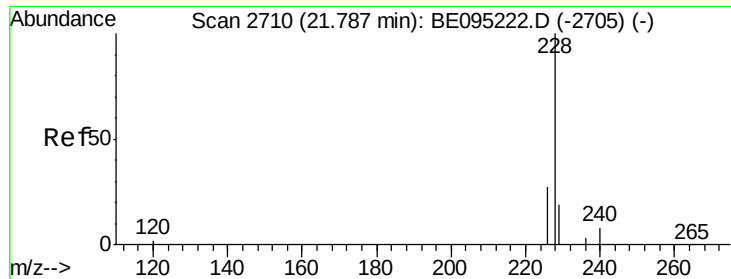
Tot Ion:166 Resp: 4498
 Ion Ratio Lower Upper
 166 100
 165 160.6 73.4 110.2#
 167 48.7 14.6 22.0#



#17
Pyrene
 Concen: 32.600 ng/ul
 RT: 20.09 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: BE095231.D
 Acq: 29 Jan 2018 5:38

Tgt Ion:202 Resp: 1381046
 Ion Ratio Lower Upper
 202 100
 101 9.9 18.2 27.4#
 100 8.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 4.434 ng/ul

RT: 21.80 min Scan# 2711

Delta R.T. 0.01 min

Lab File: BE095231.D

Acq: 29 Jan 2018 5:38

Instrument :

BNA_E

ClientSampleId :

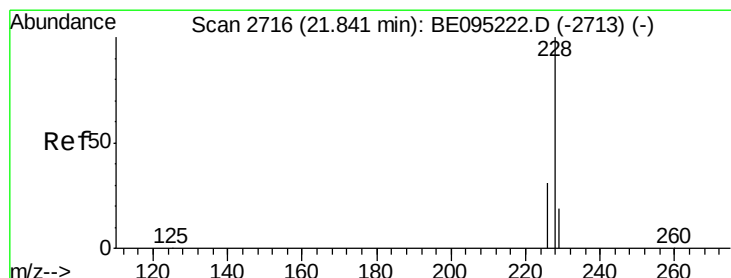
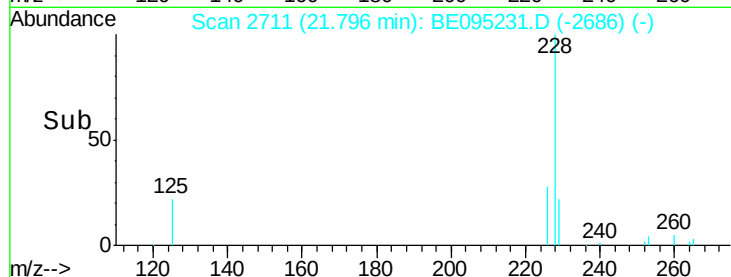
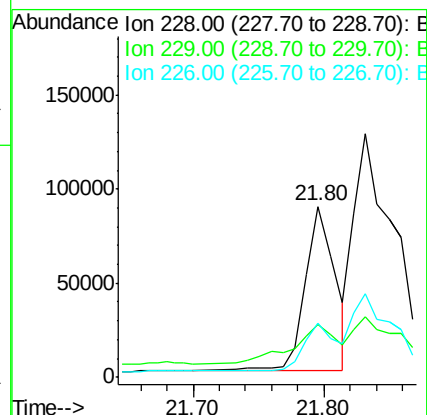
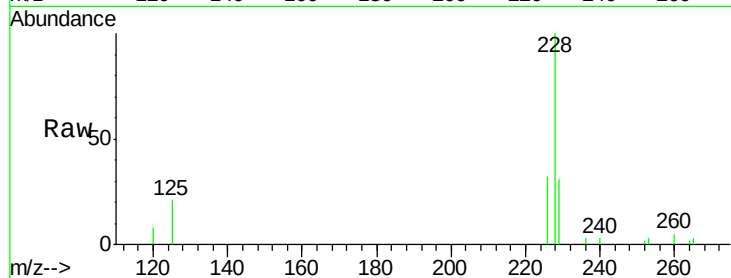
Tot Ion:228 Resp: 175010

Ion Ratio Lower Upper

228 100

229 30.8 22.8 34.2

226 31.5 17.0 25.6#



#19

Chrysene

Concen: 6.358 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.01 min

Lab File: BE095231.D

Acq: 29 Jan 2018 5:38

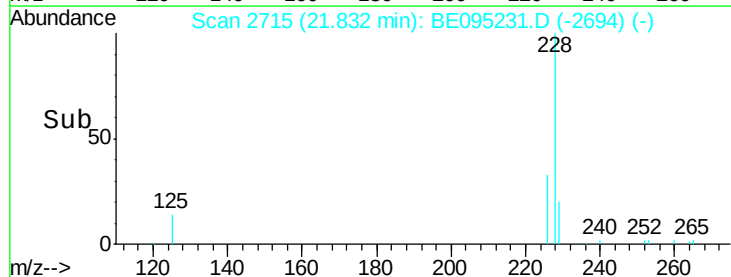
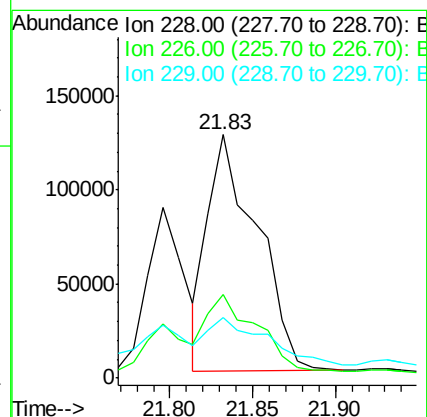
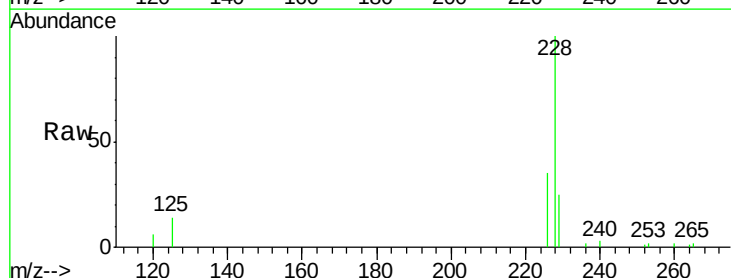
Tgt Ion:228 Resp: 260578

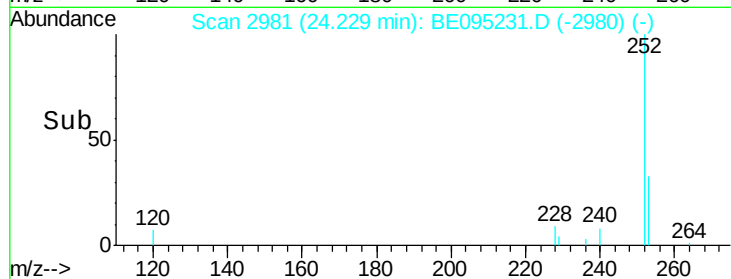
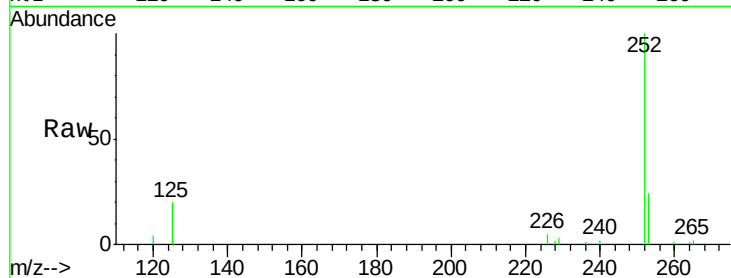
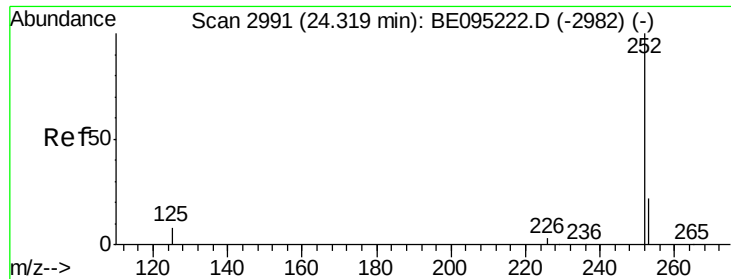
Ion Ratio Lower Upper

228 100

226 34.6 23.4 35.0

229 25.1 17.7 26.5





#23

Benzo(a)pyrene

Concen: 0.157 ng/ul

RT: 24.23 min Scan# 2981

Delta R.T. -0.09 min

Lab File: BE095231.D

Acq: 29 Jan 2018 5:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 266971

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

125 20.5 18.1 27.1

