

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 15:36:31 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 11:55:47 2018
 Response via : Initial Calibration

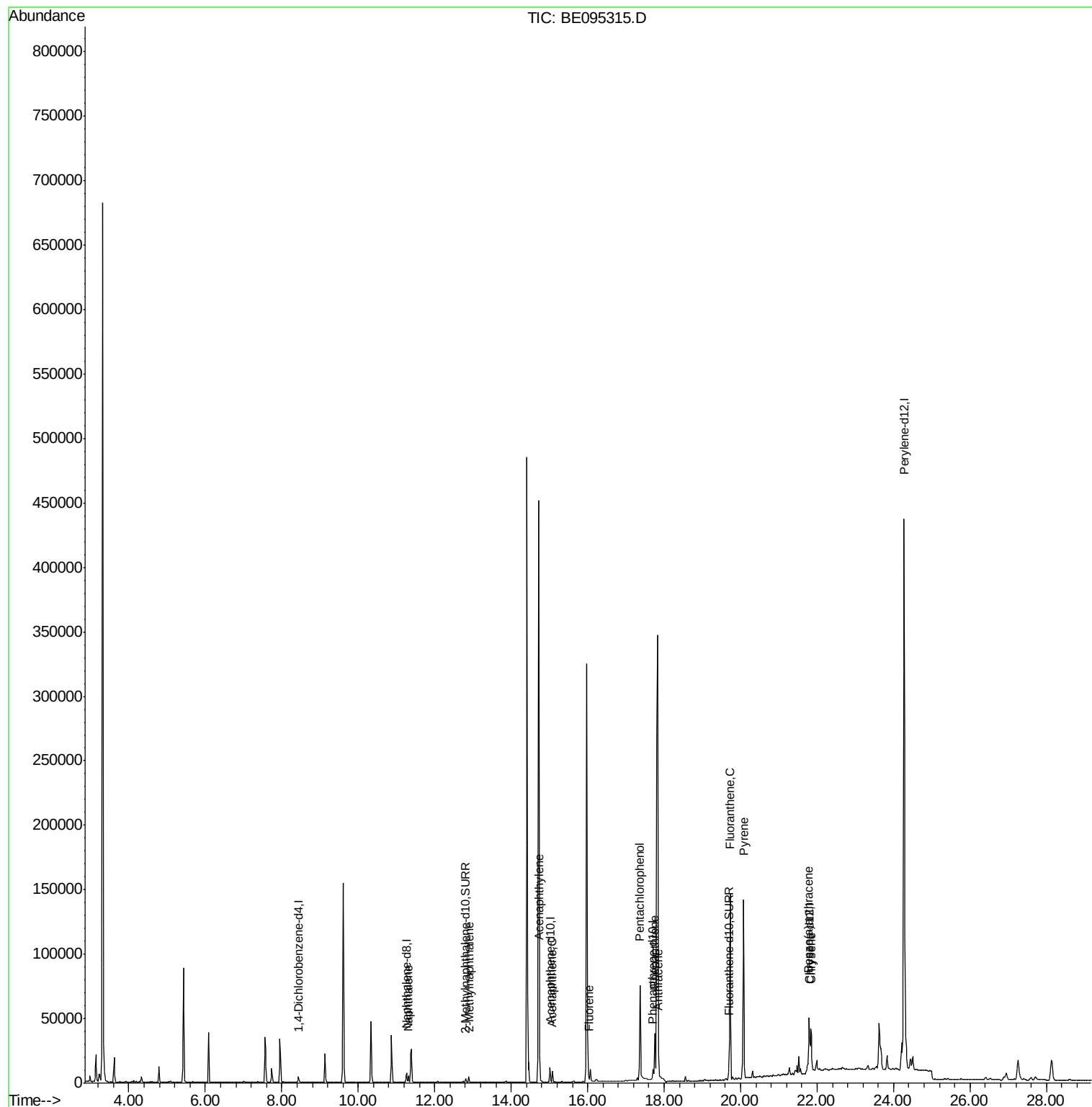
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3007	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9771	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6140	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12371	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	12110	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	557782	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4145	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10356	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	6546	0.239	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	3383	0.185	ng/ul	99
7) Acenaphthylene	14.75	152	15084	0.510	ng/ul	98
8) Acenaphthene	15.08	153	4893	0.213	ng/ul	94
9) Fluorene	16.03	166	3377	0.143	ng/ul#	78
11) Pentachlorophenol	17.36	266	48591	20.279	ng/ul	97
12) Phenanthrene	17.75	178	40466	0.973	ng/ul#	88
13) Anthracene	17.85	178	20183	0.530	ng/ul#	92
15) Fluoranthene	19.72	202	161045	2.989	ng/ul	84
17) Pyrene	20.08	202	149054	3.668	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	49133	1.298	ng/ul#	88
19) Chrysene	21.84	228	37742	0.960	ng/ul	92

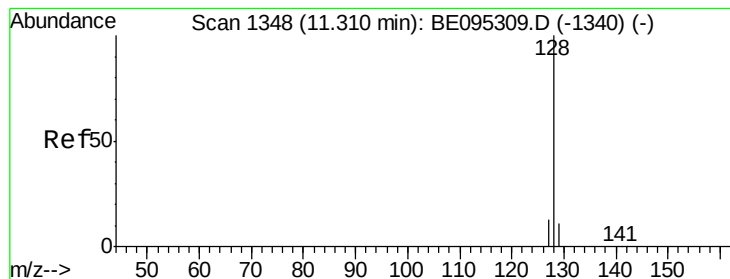
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.239 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

ClientSampleId :

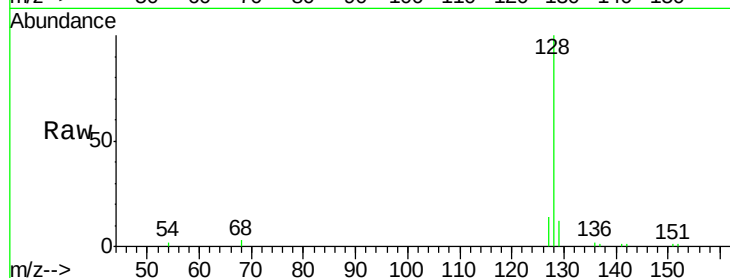
Tot Ion:128 Resp: 6546

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

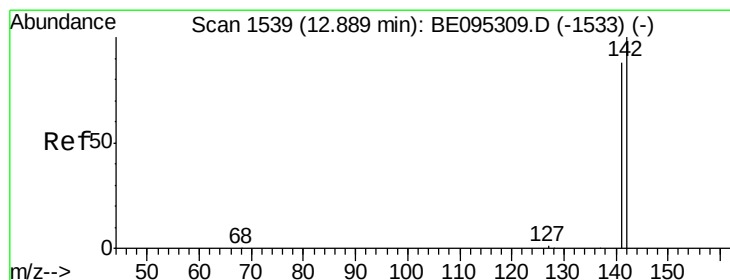
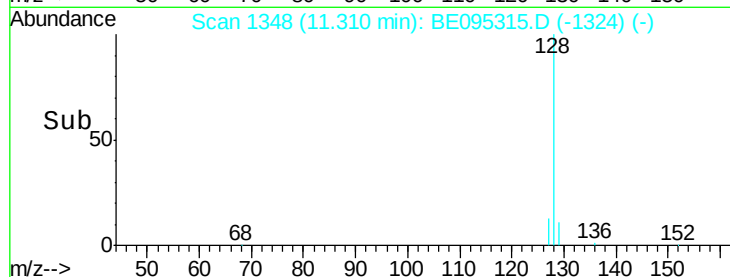
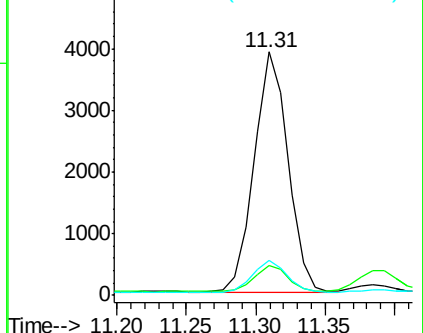
127 14.3 4.0 6.0#



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: 0.185 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095315.D

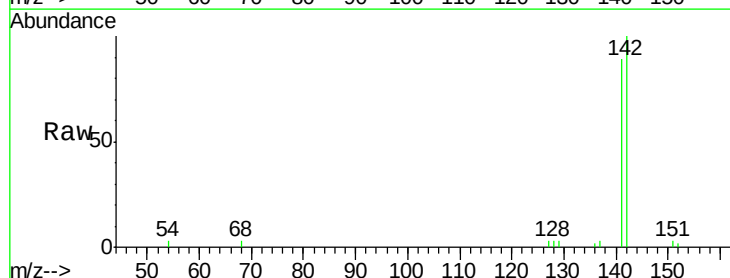
Acq: 31 Jan 2018 13:47

Tgt Ion:142 Resp: 3383

Ion Ratio Lower Upper

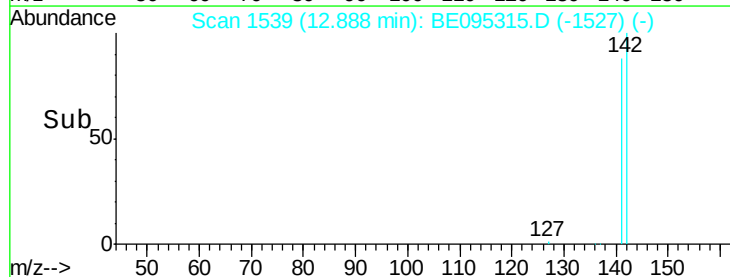
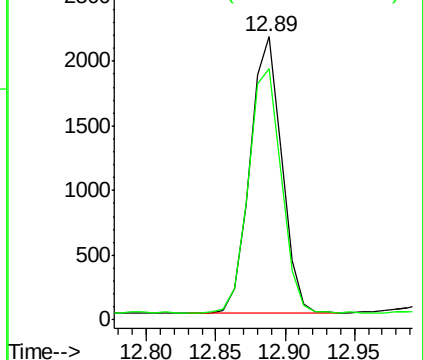
142 100

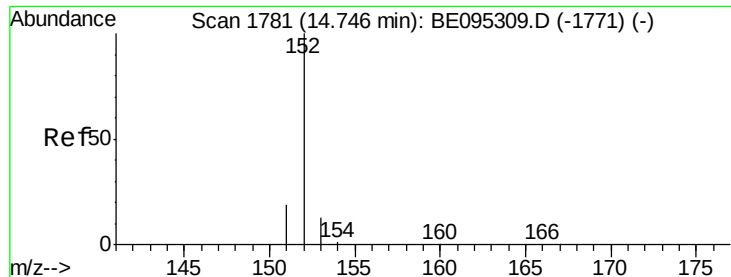
141 91.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.510 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

ClientSampleId :

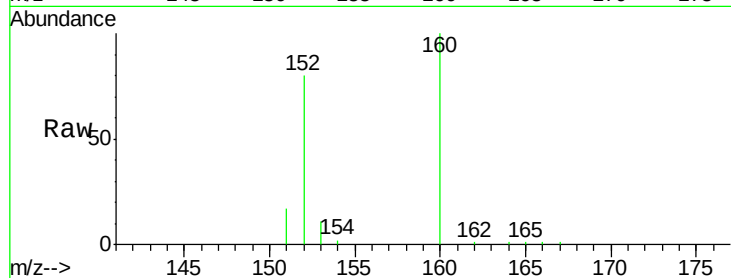
Tot Ion:152 Resp: 15084

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

153 14.0 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

10000

8000

6000

4000

2000

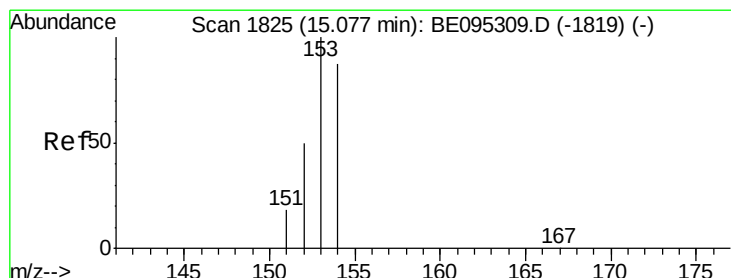
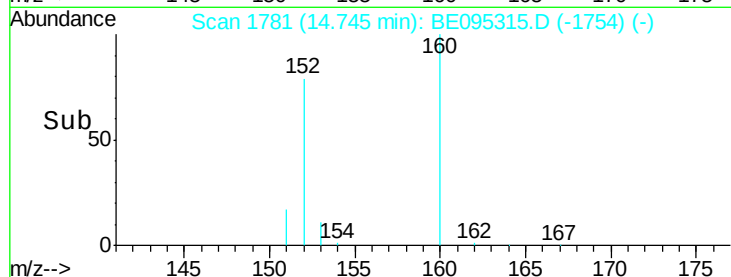
0

14.60

14.75

14.80

Time-->



#8

Acenaphthene

Concen: 0.213 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

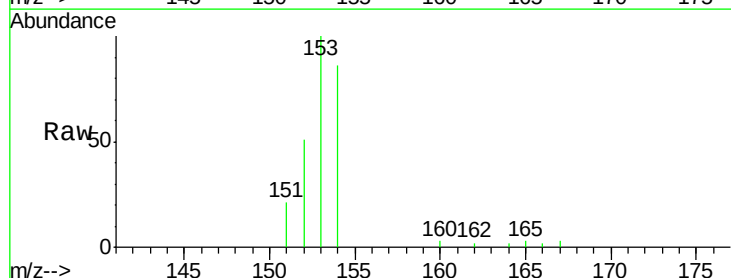
Tgt Ion:153 Resp: 4893

Ion Ratio Lower Upper

153 100

152 51.1 36.0 54.0

154 86.1 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

4000

3000

2000

1000

0

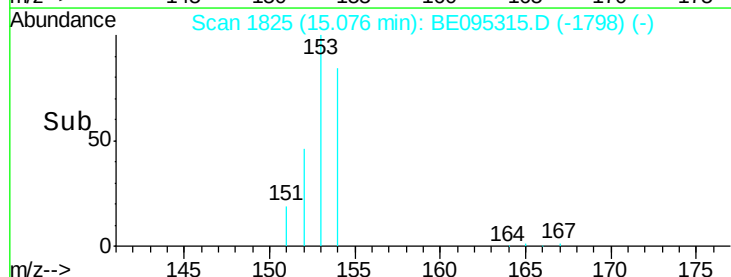
15.00

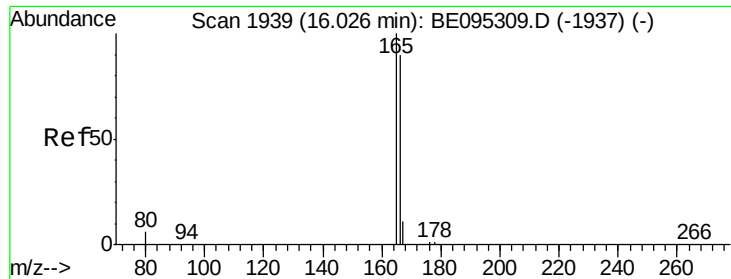
15.05

15.08

15.10

Time-->





#9

Fluorene

Concen: 0.143 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

ClientSampleId :

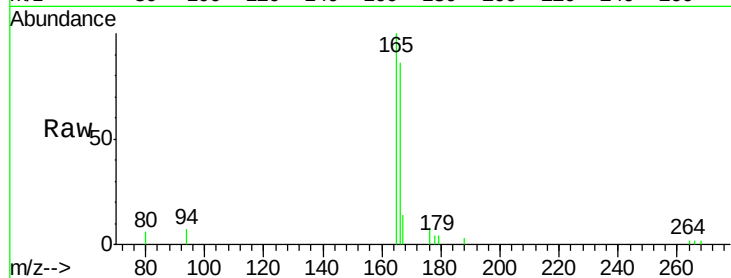
Tot Ion:166 Resp: 3377

Ion Ratio Lower Upper

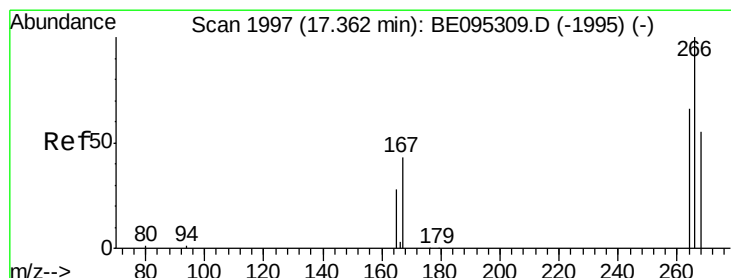
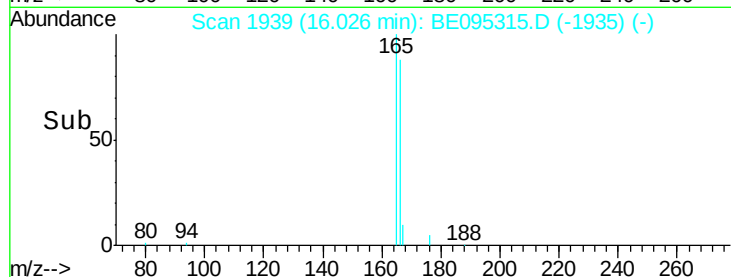
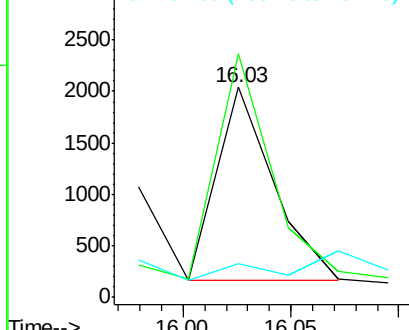
166 100

165 115.9 73.4 110.2#

167 15.8 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



#11

Pentachlorophenol

Concen: 20.279 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

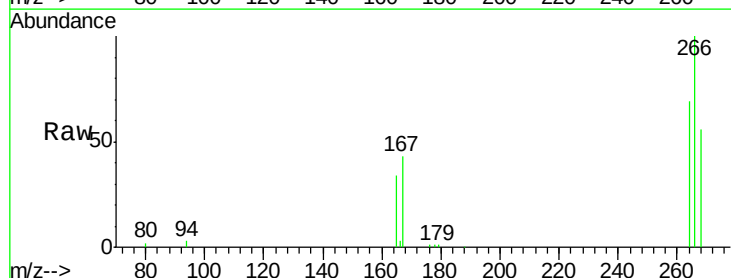
Tgt Ion:266 Resp: 48591

Ion Ratio Lower Upper

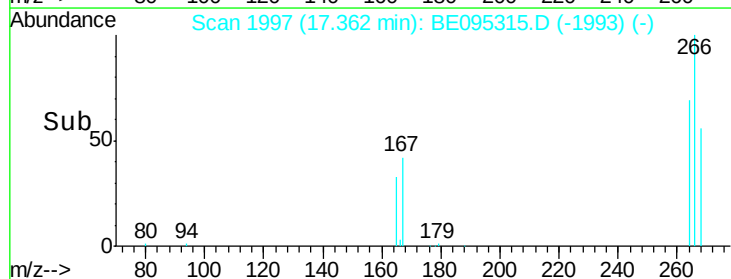
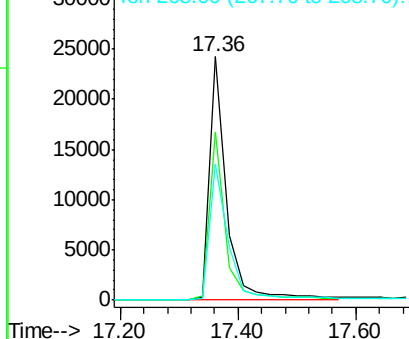
266 100

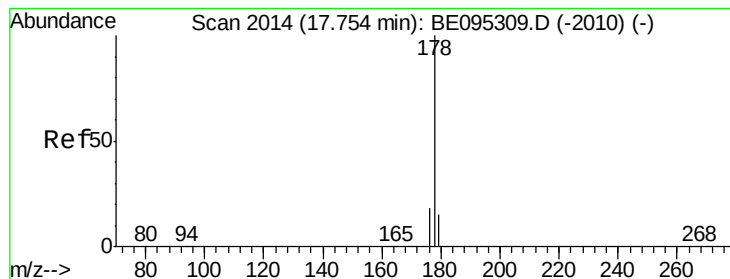
264 64.8 47.9 71.9

268 61.8 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.973 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

ClientSampleId :

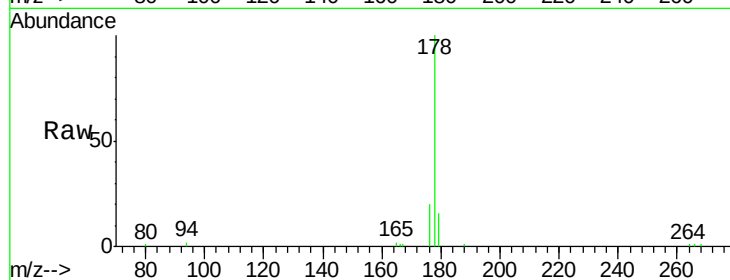
Tot Ion:178 Resp: 40466

Ion Ratio Lower Upper

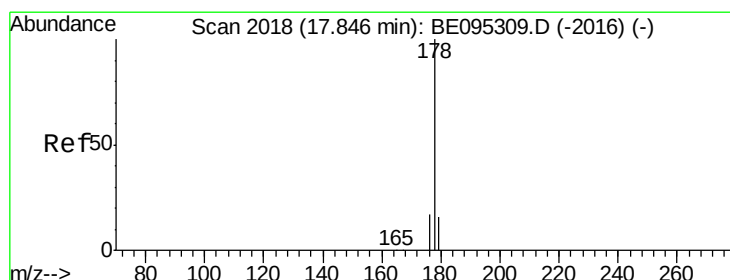
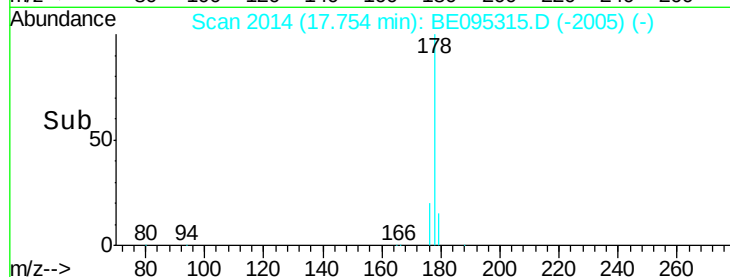
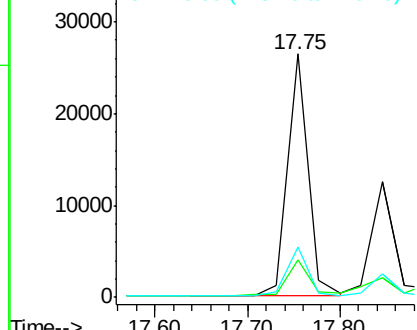
178 100

179 15.6 18.4 27.6#

176 20.4 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.530 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

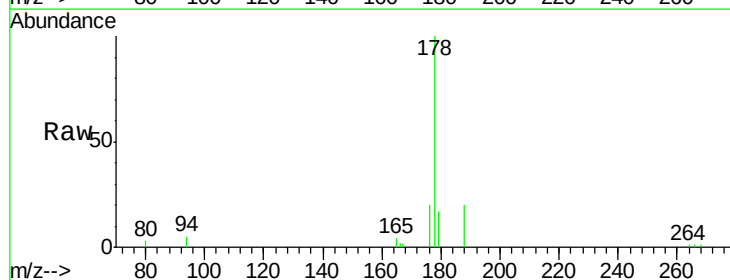
Tgt Ion:178 Resp: 20183

Ion Ratio Lower Upper

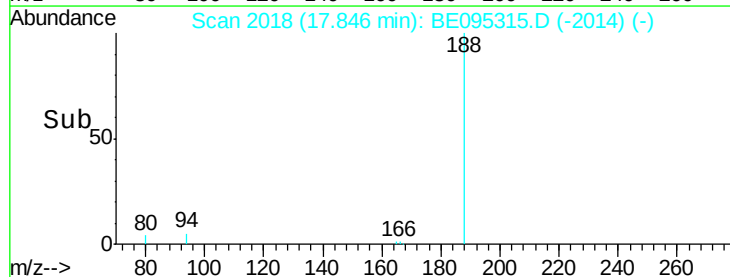
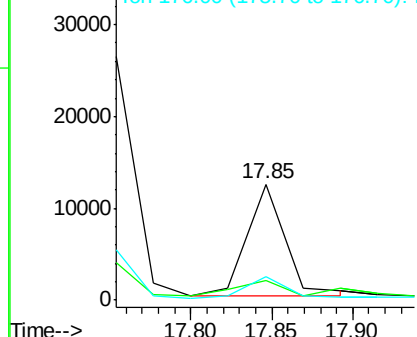
178 100

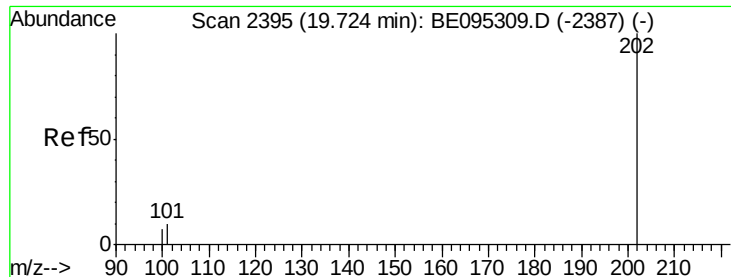
179 17.1 18.1 27.1#

176 20.0 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 2.989 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

ClientSampleId :

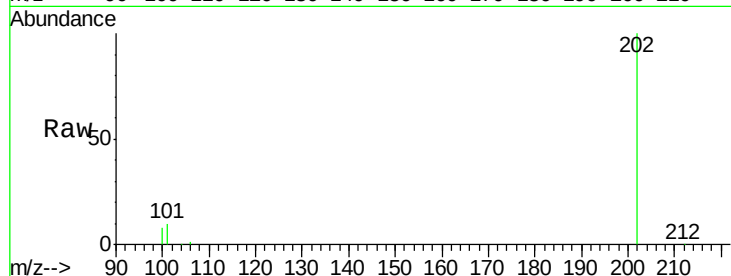
Tot Ion:202 Resp: 161045

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

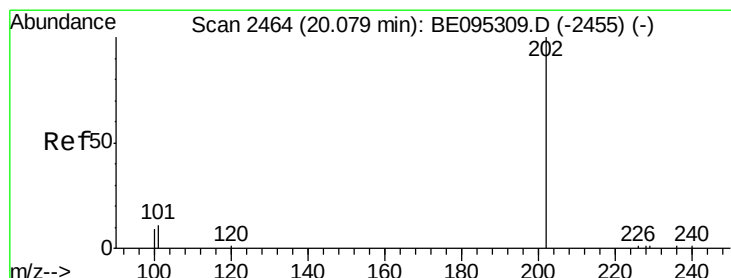
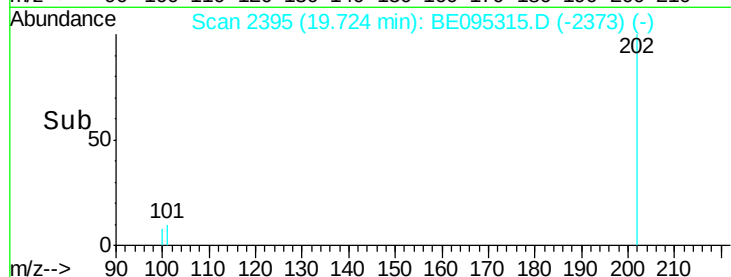
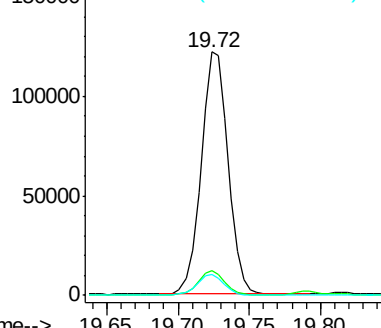
100 8.4 0.0 39.5



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): BE



#17

Pyrene

Concen: 3.668 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

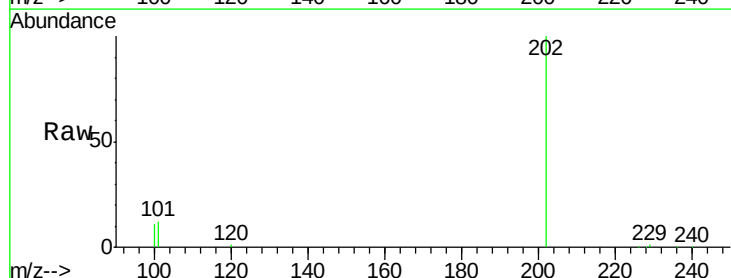
Tgt Ion:202 Resp: 149054

Ion Ratio Lower Upper

202 100

101 11.7 18.2 27.4#

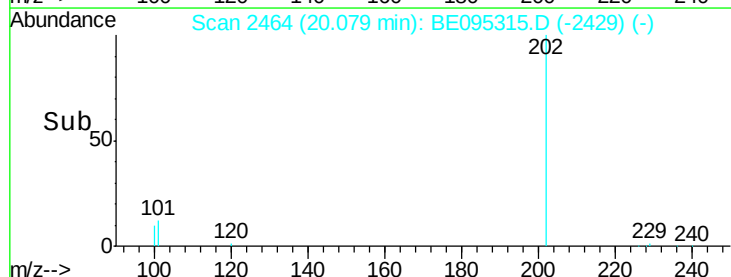
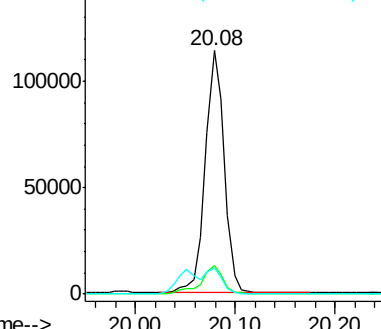
100 10.5 15.6 23.4#

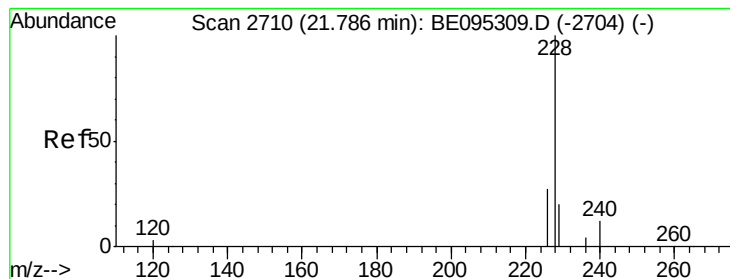


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 1.298 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

Instrument :

BNA_E

ClientSampleId :

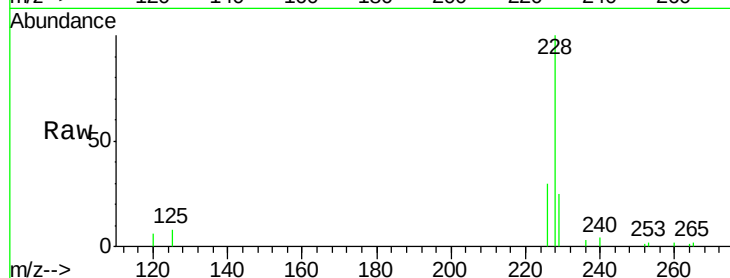
Tot Ion:228 Resp: 49133

Ion Ratio Lower Upper

228 100

229 24.7 22.8 34.2

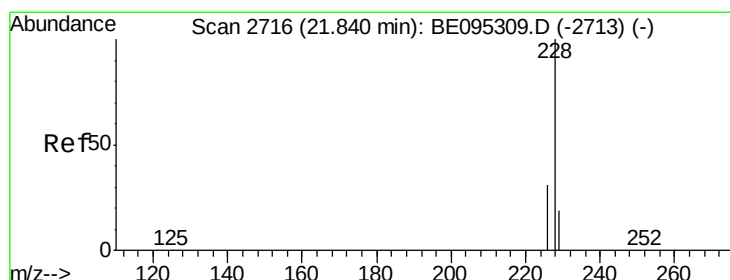
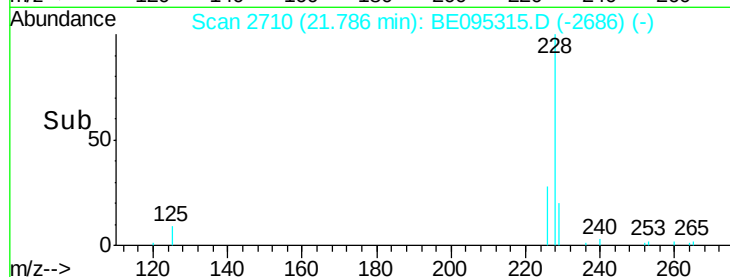
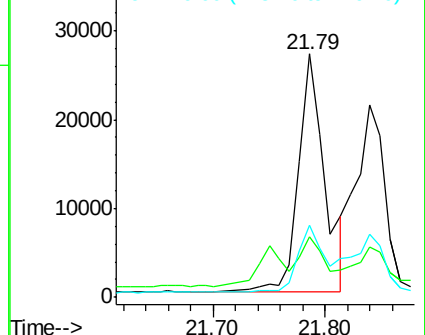
226 29.8 17.0 25.6#



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: 0.960 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095315.D

Acq: 31 Jan 2018 13:47

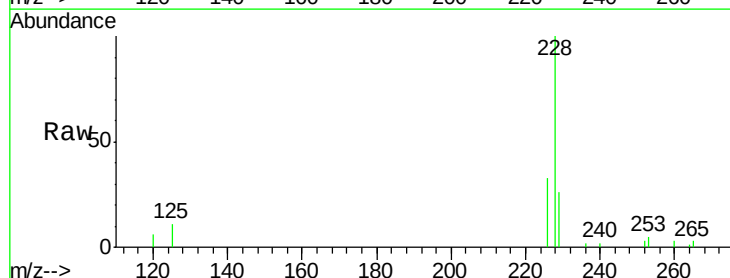
Tgt Ion:228 Resp: 37742

Ion Ratio Lower Upper

228 100

226 33.0 23.4 35.0

229 26.5 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

