

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095503.D
 Acq On : 5 Feb 2018 22:33
 Operator : SJ/JU
 Sample : J1314-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 06 02:11:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 02:09:13 2018
 Response via : Initial Calibration

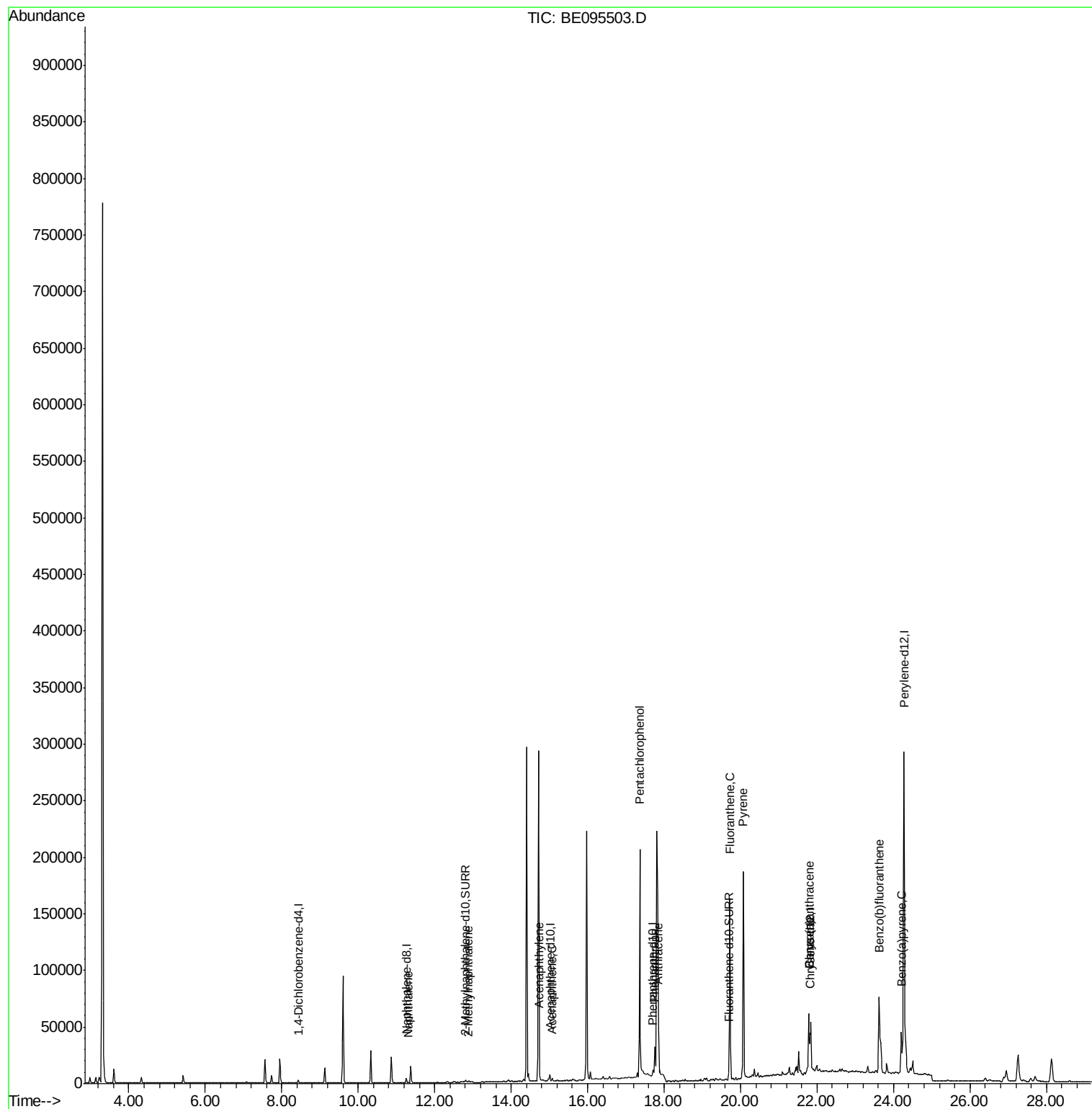
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1852	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5405	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7167	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7118	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	340179	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2678	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6811	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	798	0.053	ng/ul#	72
5) 2-Methylnaphthalene	12.88	142	708	0.070	ng/ul	99
7) Acenaphthylene	14.74	152	7079	0.392	ng/ul#	74
8) Acenaphthene	15.07	153	1318	0.094	ng/ul#	84
11) Pentachlorophenol	17.36	266	125669	90.529	ng/ul	96
12) Phenanthrene	17.75	178	30021	1.245	ng/ul	93
13) Anthracene	17.85	178	51100	2.316	ng/ul	95
15) Fluoranthene	19.72	202	179378	5.747	ng/ul	81
17) Pyrene	20.08	202	207381	8.683	ng/ul#	76
18) Benzo(a)anthracene	21.79	228	56235	2.527	ng/ul#	90
19) Chrysene	21.79	228	61089	2.644	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	92624	0.077	ng/ul	87
23) Benzo(a)pyrene	24.20	252	61573	0.057	ng/ul#	86

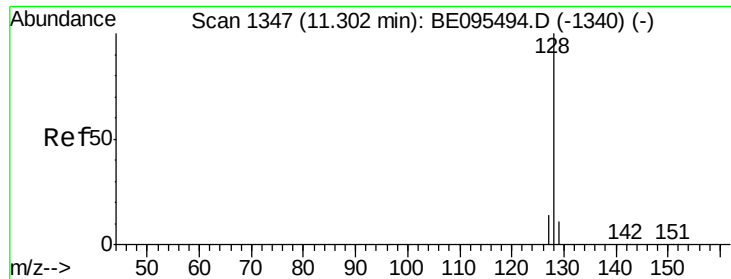
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.053 ng/ul

RT: 11.30 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

ClientSampleId :

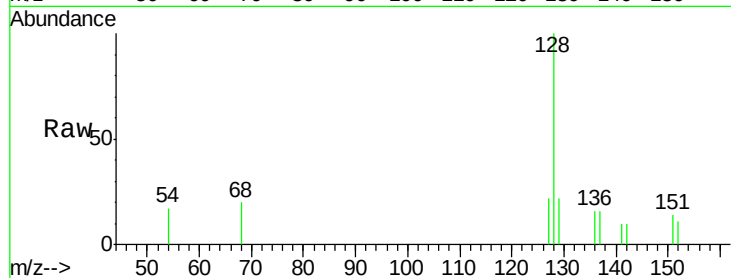
Tot Ion:128 Resp: 798

Ion Ratio Lower Upper

128 100

129 22.2 11.3 16.9#

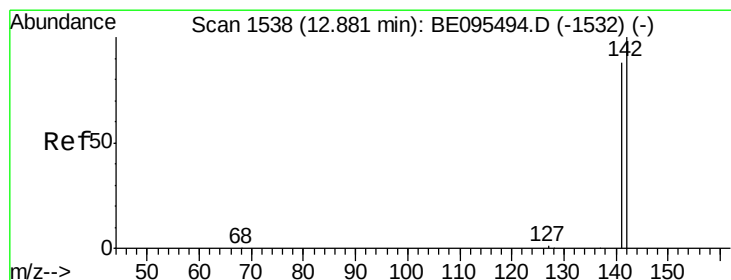
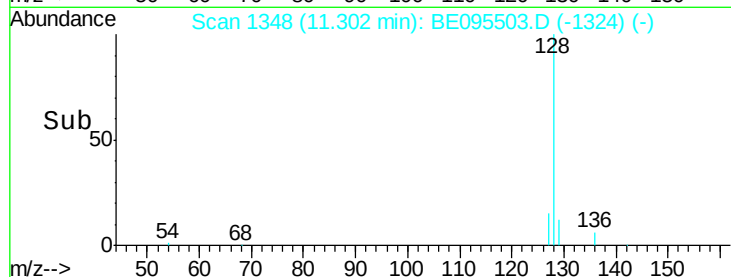
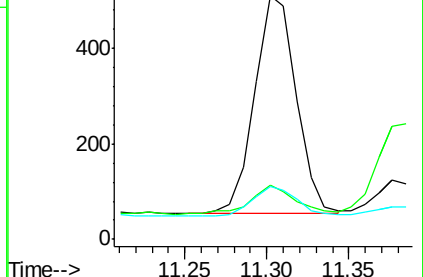
127 22.0 4.0 6.0#



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: 0.070 ng/ul

RT: 12.88 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095503.D

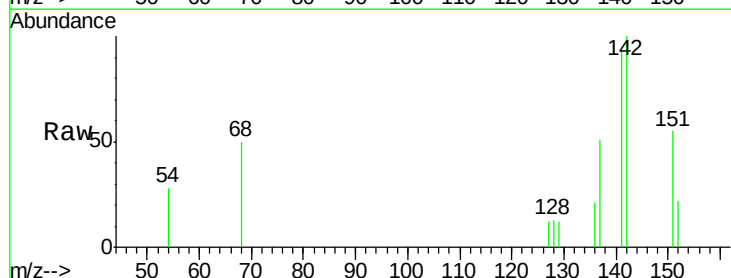
Acq: 5 Feb 2018 22:33

Tgt Ion:142 Resp: 708

Ion Ratio Lower Upper

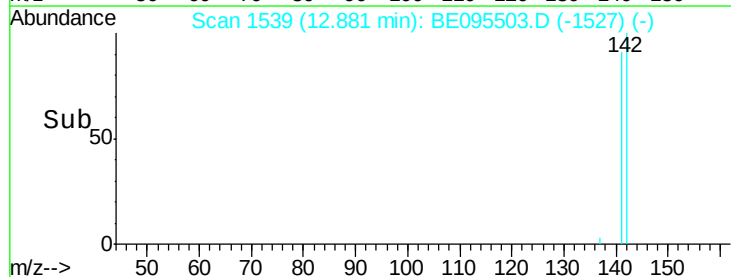
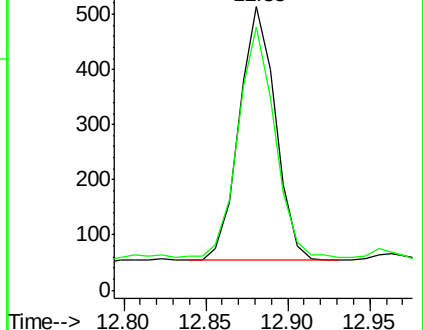
142 100

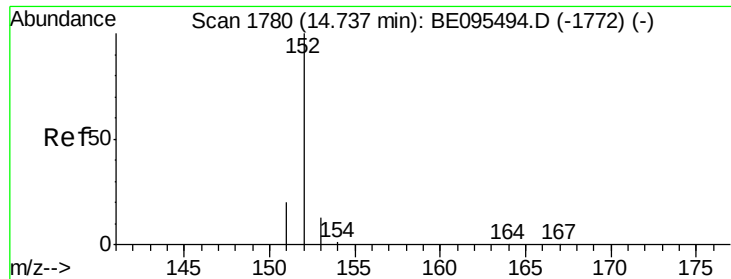
141 91.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.392 ng/ul

RT: 14.74 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

ClientSampleId :

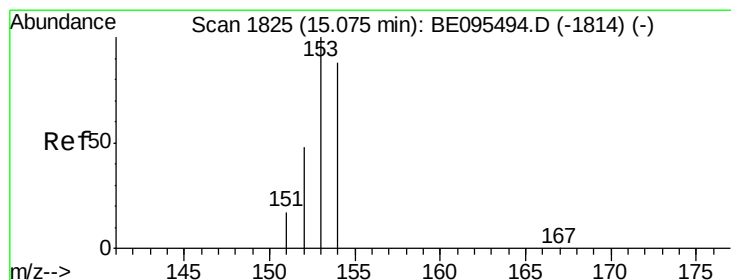
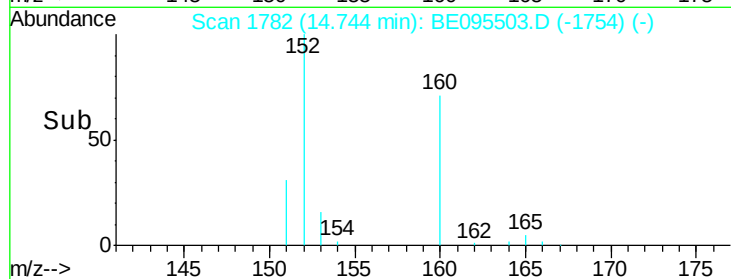
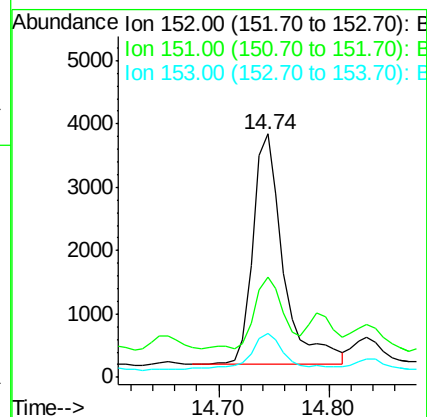
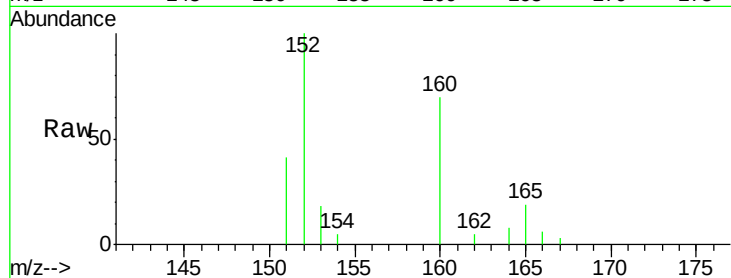
Tot Ion:152 Resp: 7079

Ion Ratio Lower Upper

152 100

151 41.4 17.1 25.7#

153 18.2 12.8 19.2



#8

Acenaphthene

Concen: 0.094 ng/ul

RT: 15.07 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

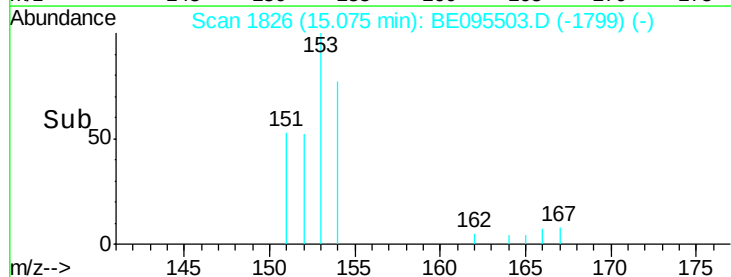
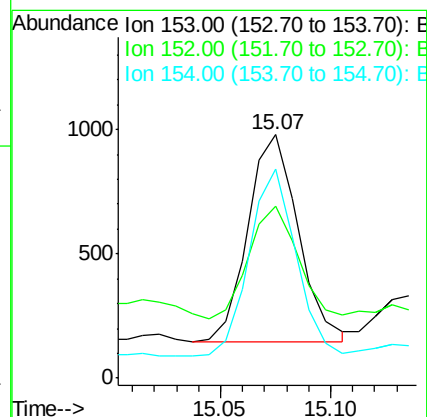
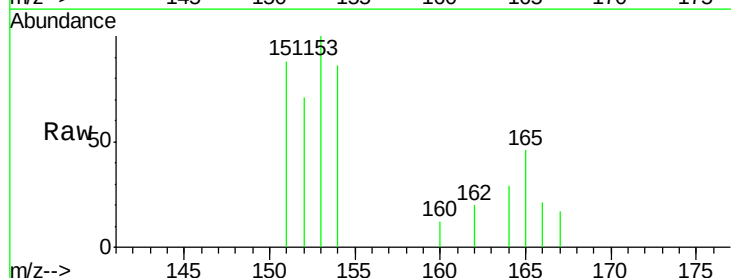
Tgt Ion:153 Resp: 1318

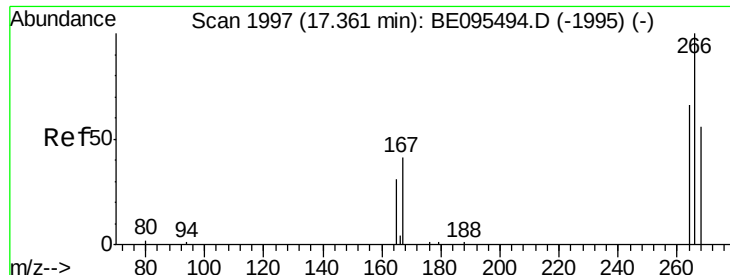
Ion Ratio Lower Upper

153 100

152 70.6 36.0 54.0#

154 85.7 72.0 108.0

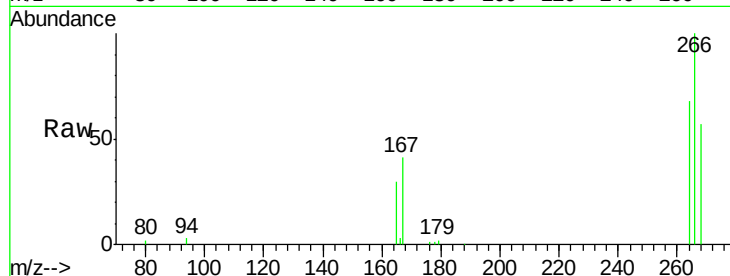




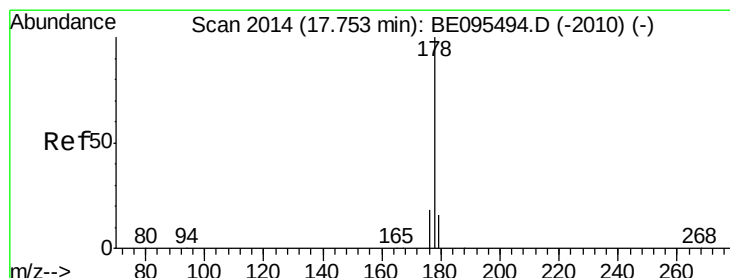
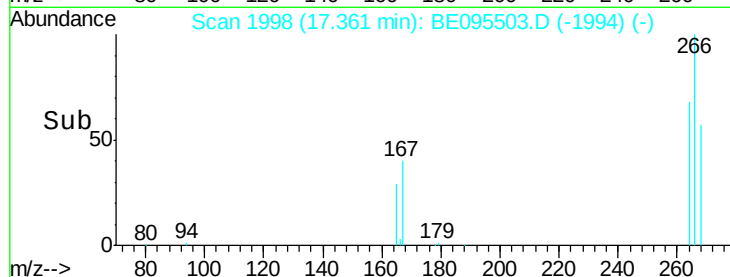
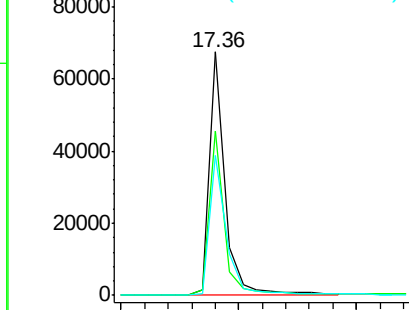
#11
 Pentachlorophenol
 Concen: 90.529 ng/ul
 RT: 17.36 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BE095503.D
 Acq: 5 Feb 2018 22:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 125669
 Ion Ratio Lower Upper
 266 100
 264 64.8 47.9 71.9
 268 61.7 49.8 74.8

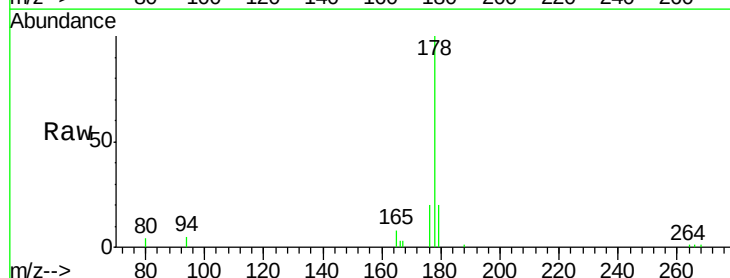


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

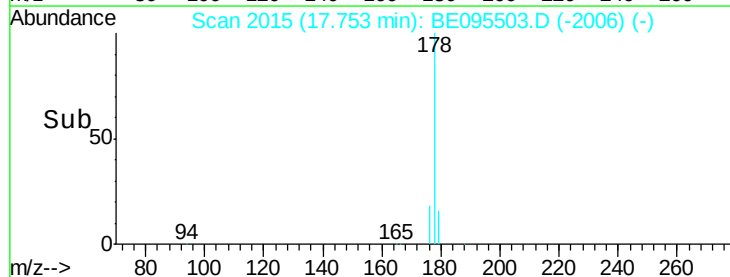
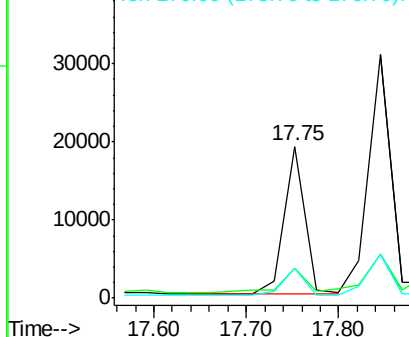


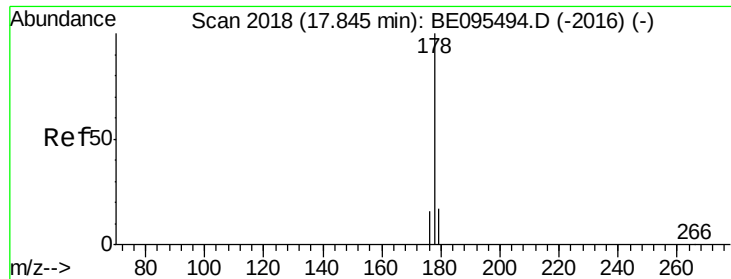
#12
 Phenanthrene
 Concen: 1.245 ng/ul
 RT: 17.75 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BE095503.D
 Acq: 5 Feb 2018 22:33

Tgt Ion:178 Resp: 30021
 Ion Ratio Lower Upper
 178 100
 179 19.5 18.4 27.6
 176 19.6 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

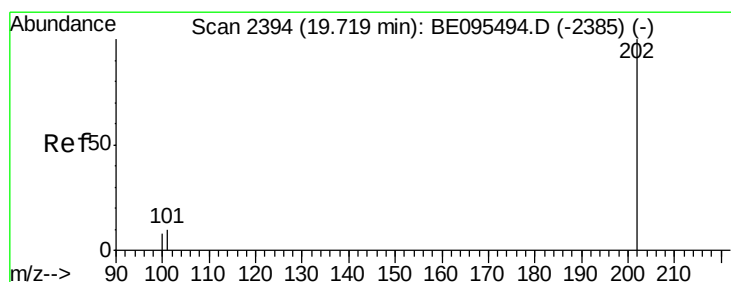
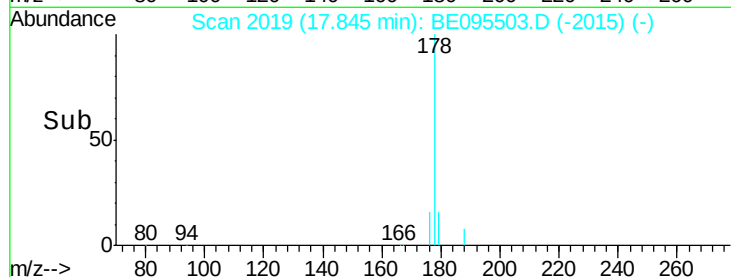
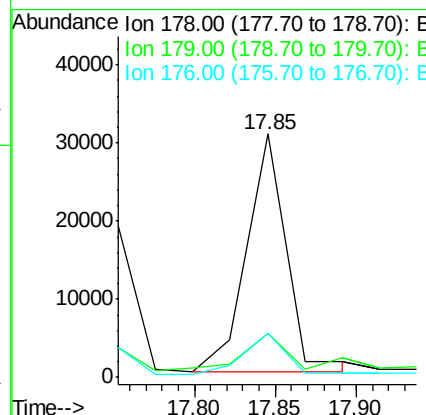
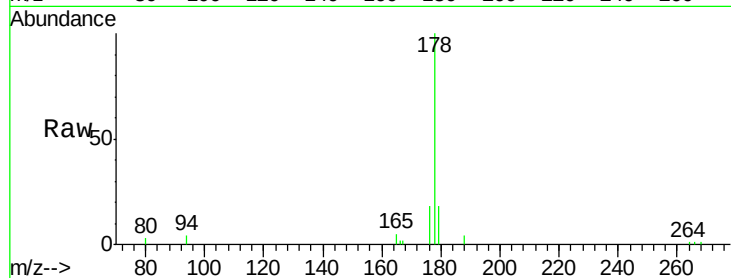




#13
 Anthracene
 Concen: 2.316 ng/ul
 RT: 17.85 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BE095503.D
 Acq: 5 Feb 2018 22:33

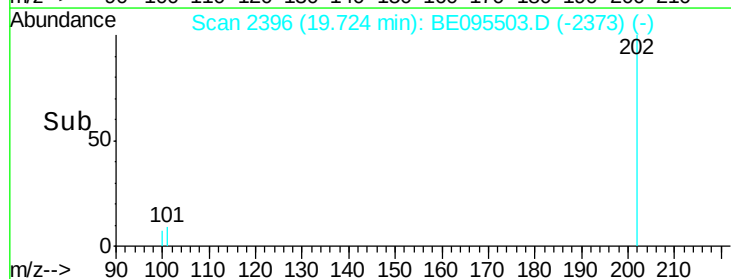
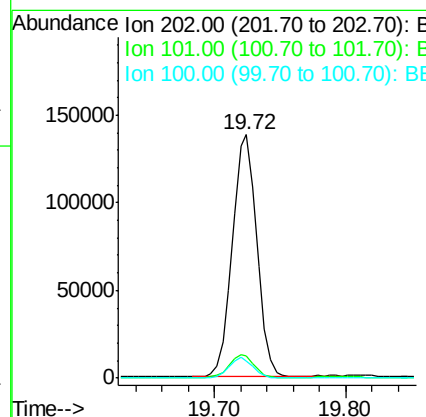
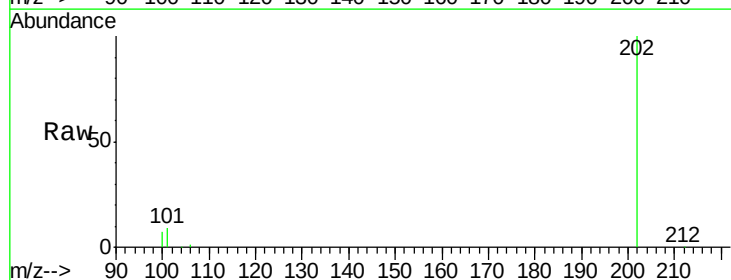
Instrument :
 BNA_E
 ClientSampleId :

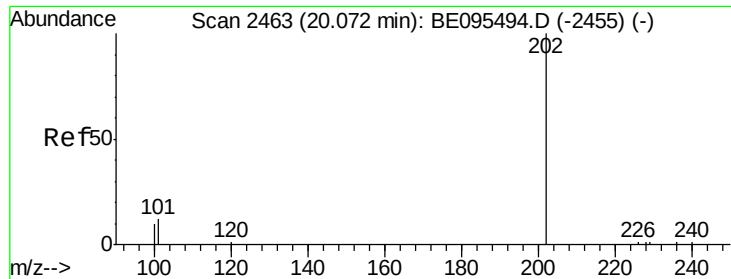
Tot Ion:178 Resp: 51100
 Ion Ratio Lower Upper
 178 100
 179 18.2 18.1 27.1
 176 18.1 14.7 22.1



#15
 Fluoranthene
 Concen: 5.747 ng/ul
 RT: 19.72 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095503.D
 Acq: 5 Feb 2018 22:33

Tgt Ion:202 Resp: 179378
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 30.3
 100 7.3 0.0 39.5





#17

Pvrene

Concen: 8.683 ng/ul

RT: 20.08 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

ClientSampleId :

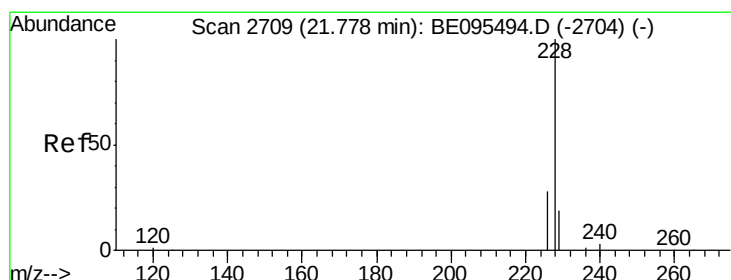
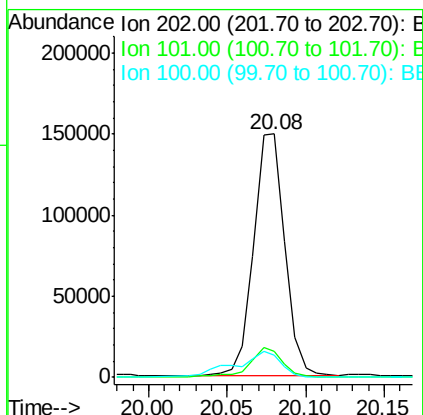
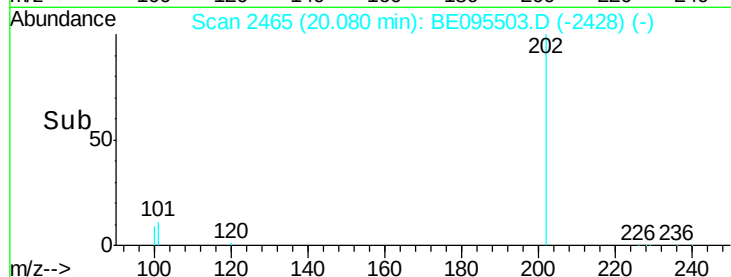
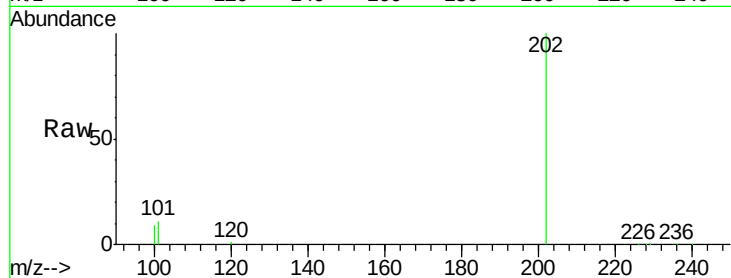
Tot Ion:202 Resp: 207381

Ion Ratio Lower Upper

202 100

101 10.8 18.2 27.4#

100 9.1 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 2.527 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

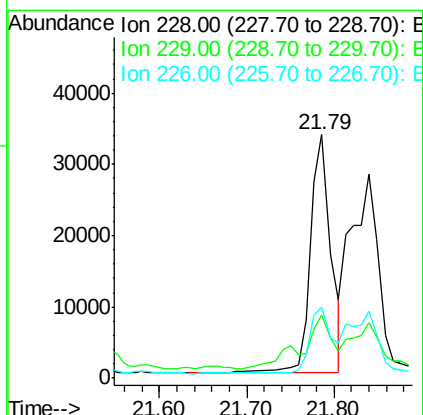
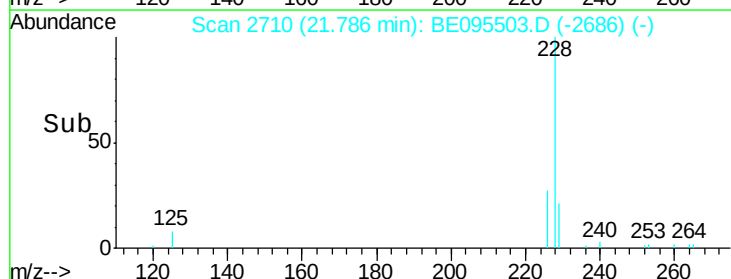
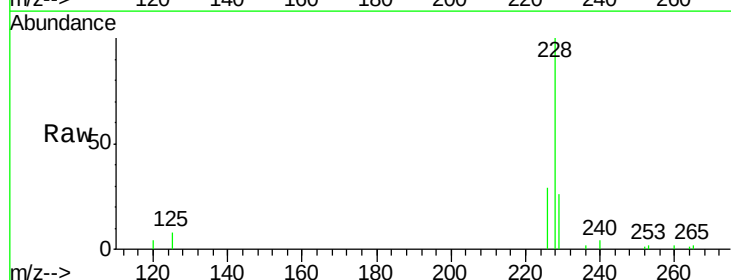
Tgt Ion:228 Resp: 56235

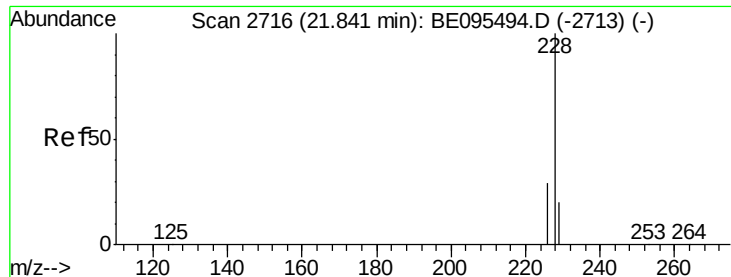
Ion Ratio Lower Upper

228 100

229 25.7 22.8 34.2

226 29.0 17.0 25.6#





#19

Chrysene

Concen: 2.644 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.05 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

ClientSampleId :

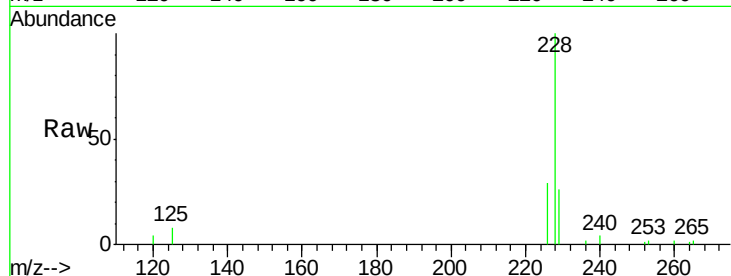
Tot Ion:228 Resp: 61089

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

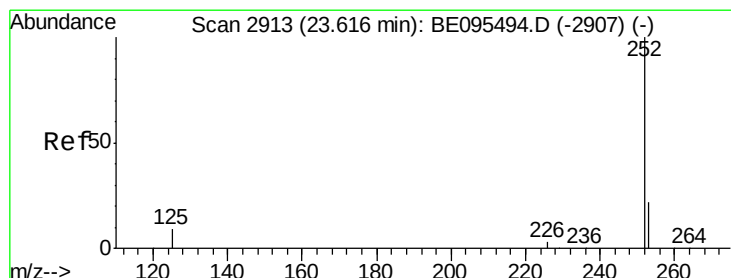
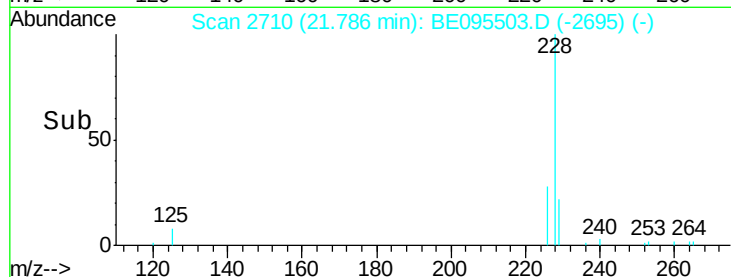
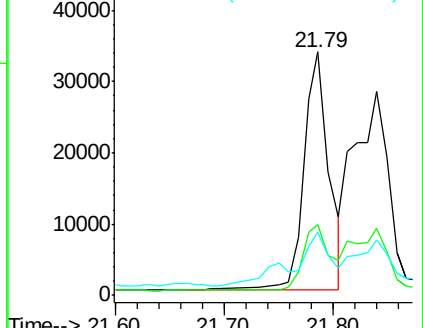
229 25.7 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 0.077 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

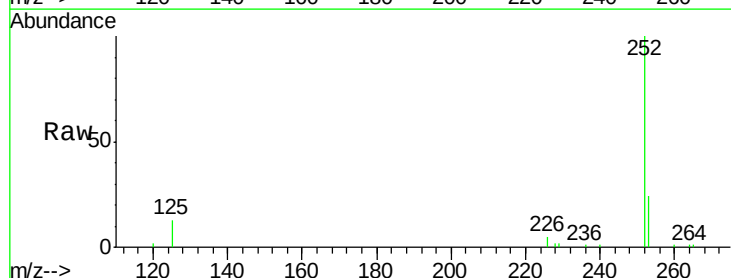
Tgt Ion:252 Resp: 92624

Ion Ratio Lower Upper

252 100

253 23.6 0.0 64.2

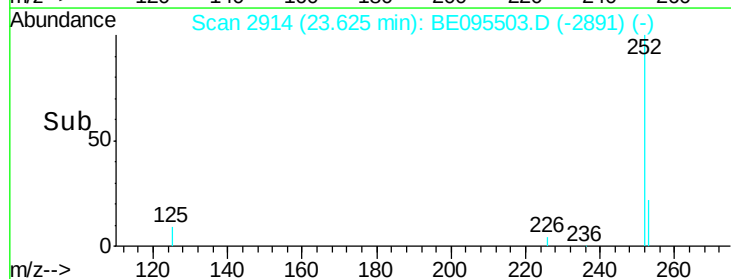
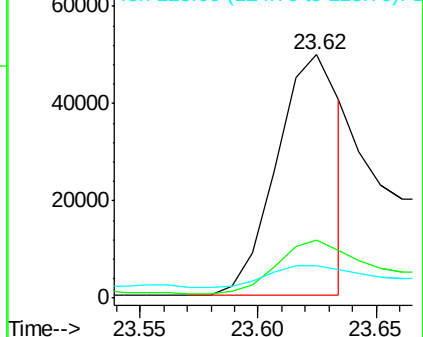
125 13.4 0.0 35.0

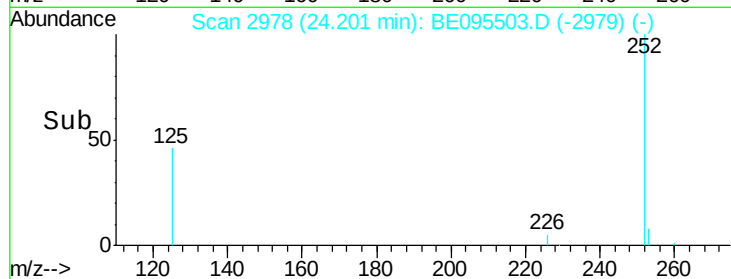
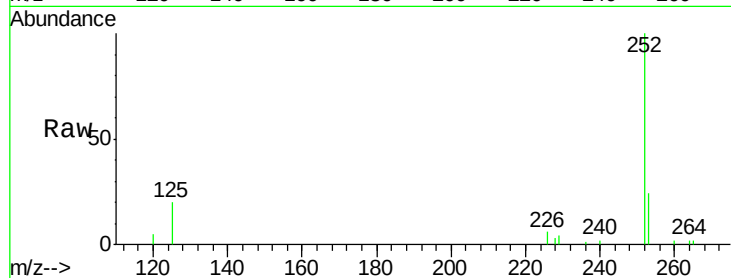
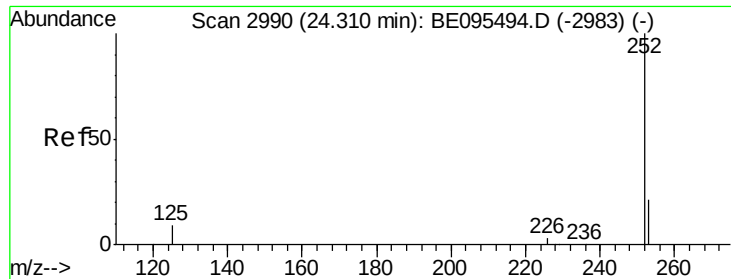


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 24.20 min Scan# 2978

Delta R.T. -0.11 min

Lab File: BE095503.D

Acq: 5 Feb 2018 22:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 61573

Ion Ratio Lower Upper

252 100

253 24.2 28.5 42.7#

125 20.2 18.1 27.1

