

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095159.D
 Acq On : 27 Jan 2018 9:48
 Operator : SJ/JU
 Sample : J1174-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A47

Quant Time: Jan 27 22:36:49 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	4365	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	13562	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	11689	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	16508	0.40	ng/ul	0.02
16) Chrysene-d12	21.82	240	14850	0.40	ng/ul	0.02
20) Perylene-d12	24.30	264	725011	0.40	ng/ul	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.82	152	6417	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.71	212	11694	0.19	ng/ul	0.01

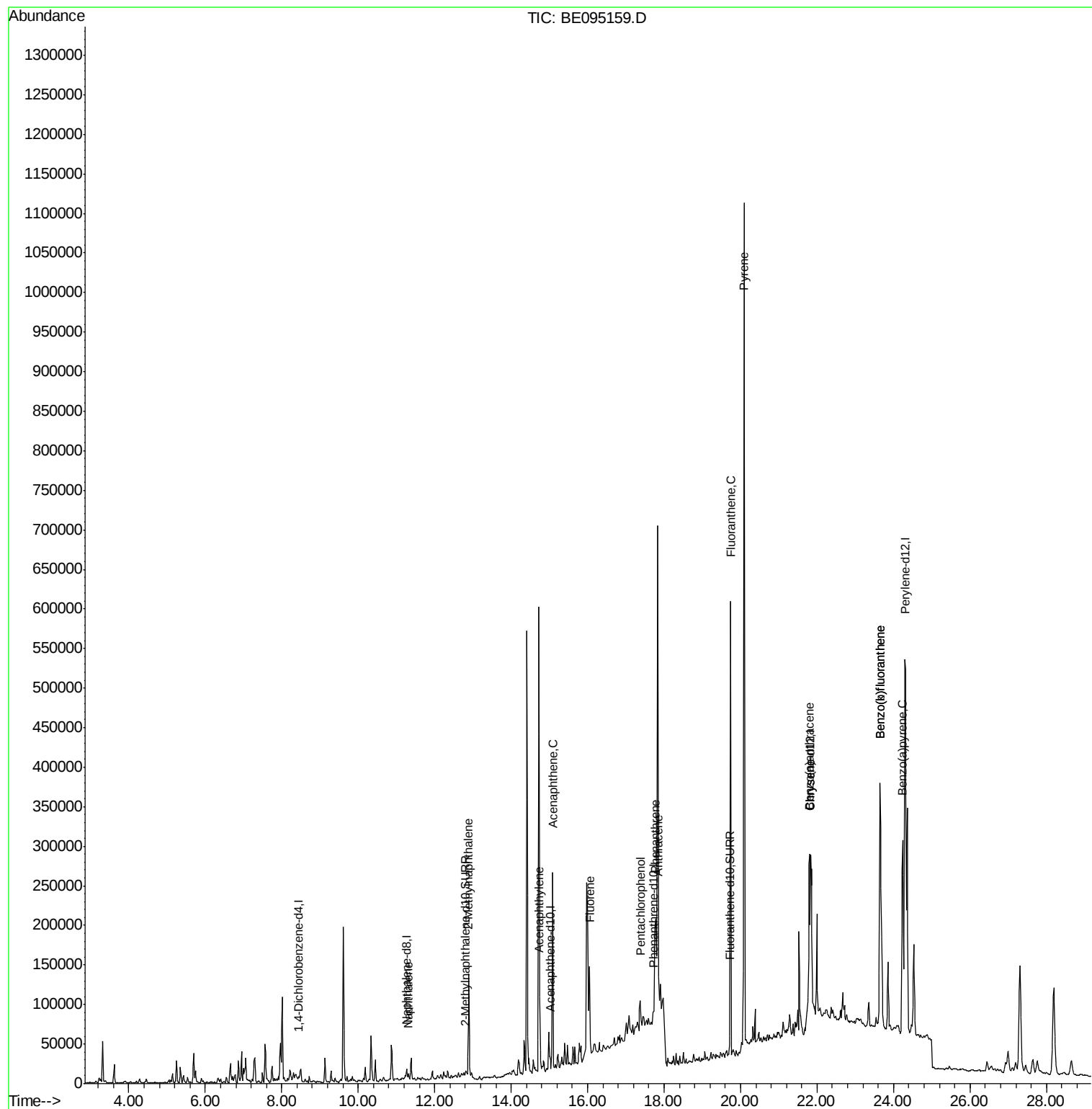
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.32	128	12119	0.319	ng/ul#	78
5) 2-Methylnaphthalene	12.89	142	106249	4.190	ng/ul	100
7) Acenaphthylene	14.75	152	74624	1.326	ng/ul#	81
8) Acenaphthene	15.08	153	138723	3.180	ng/ul	94
9) Fluorene	16.05	166	109316	2.430	ng/ul	98
11) Pentachlorophenol	17.38	266	36039	11.271	ng/ul	97
12) Phenanthrene	17.78	178	254179	4.578	ng/ul#	92
13) Anthracene	17.84	178	130579	2.570	ng/ul#	84
15) Fluoranthene	19.74	202	655697	9.121	ng/ul	81
17) Pyrene	20.09	202	1173641	23.553	ng/ul#	75
18) Benzo(a)anthracene	21.80	228	249234	5.368	ng/ul#	89
19) Chrysene	21.83	228	301748	6.259	ng/ul#	84
21) Benzo(b)fluoranthene	23.65	252	432003	0.169	ng/ul	91
22) Benzo(k)fluoranthene	23.65	252	432003	0.185	ng/ul	93
23) Benzo(a)pyrene	24.24	252	407371	0.178	ng/ul#	87

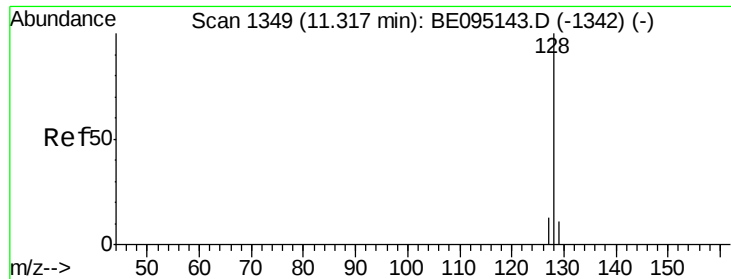
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.319 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

F6A47

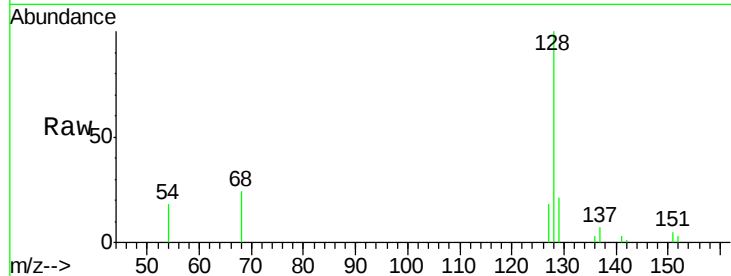
Tgt Ion:128 Resp: 12119

Ion Ratio Lower Upper

128 100

129 20.6 11.3 16.9#

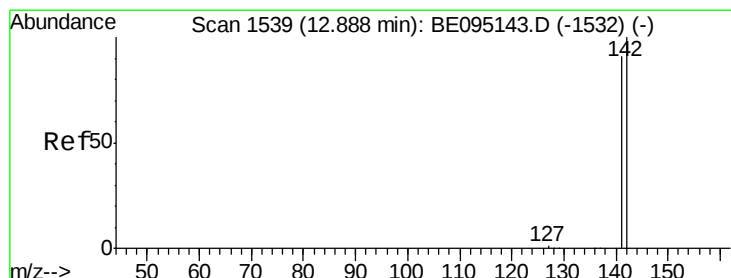
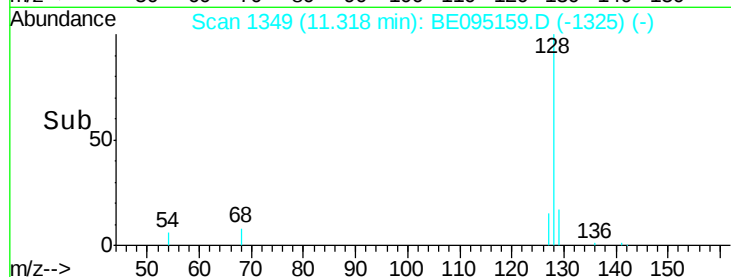
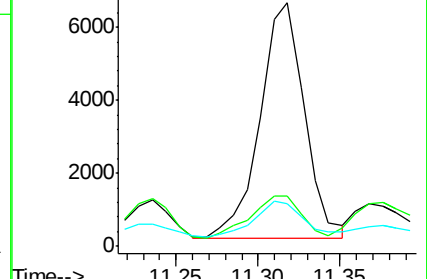
127 17.5 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 4.190 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095159.D

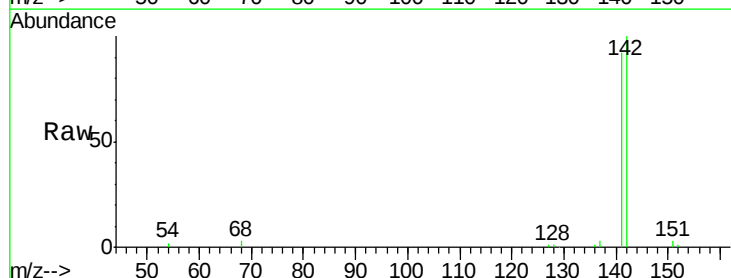
Acq: 27 Jan 2018 9:48

Tgt Ion:142 Resp: 106249

Ion Ratio Lower Upper

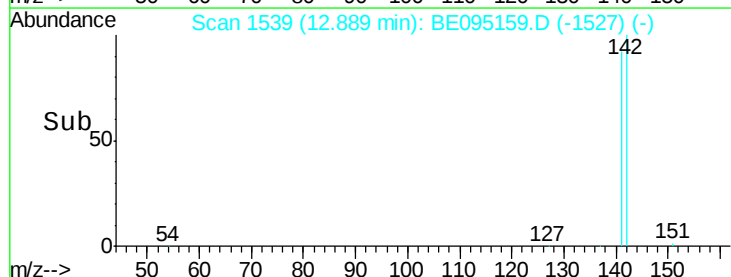
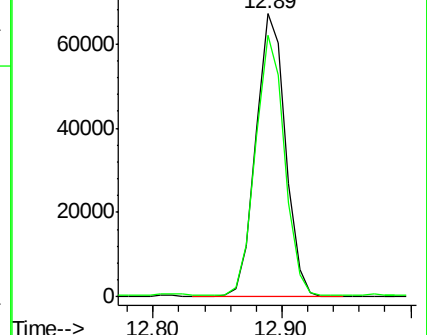
142 100

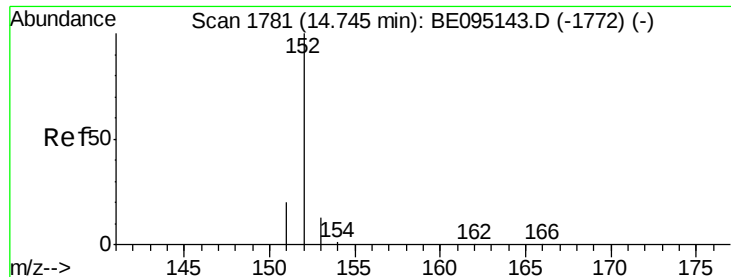
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.326 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

F6A47

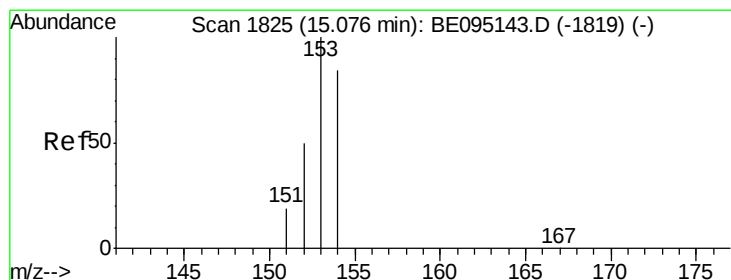
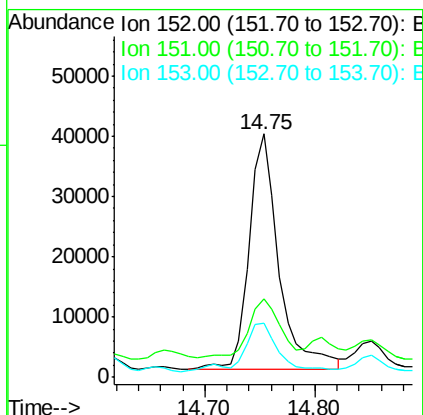
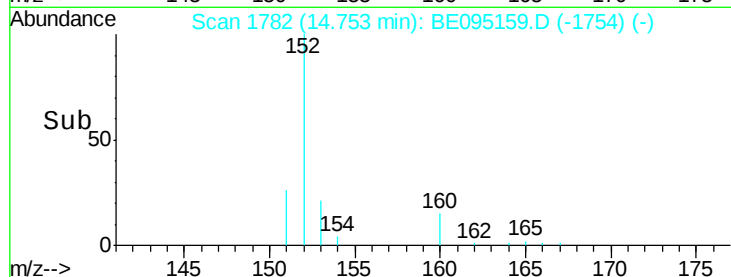
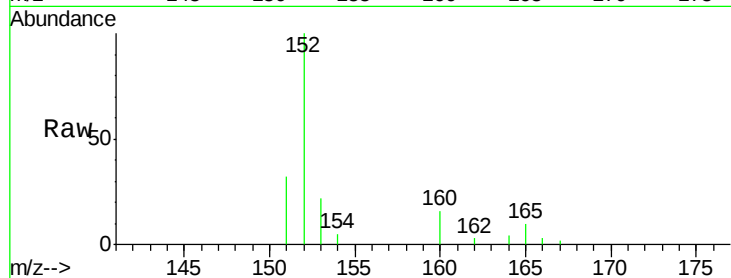
Tgt Ion:152 Resp: 74624

Ion Ratio Lower Upper

152 100

151 32.2 17.1 25.7#

153 22.4 12.8 19.2#



#8

Acenaphthene

Concen: 3.180 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

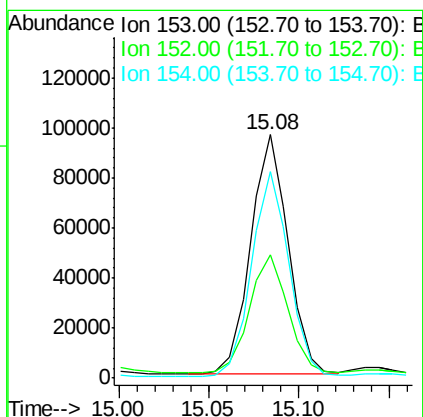
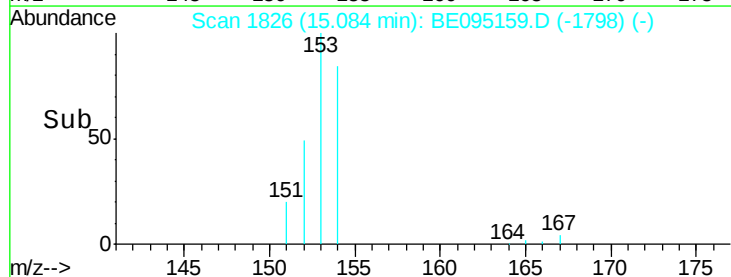
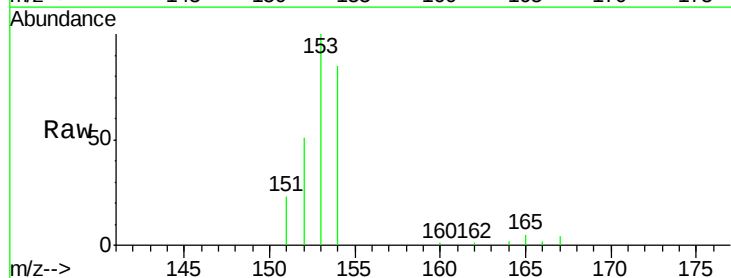
Tgt Ion:153 Resp: 138723

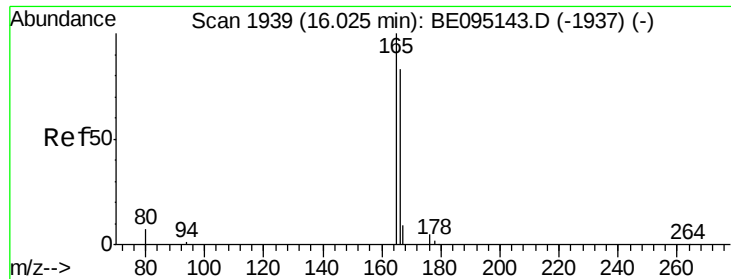
Ion Ratio Lower Upper

153 100

152 50.7 36.0 54.0

154 85.0 72.0 108.0





#9

Fluorene

Concen: 2.430 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

F6A47

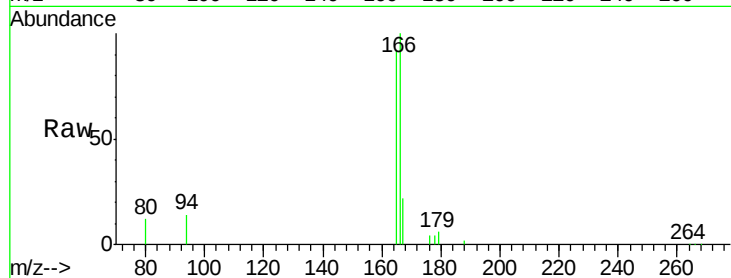
Tgt Ion:166 Resp: 109316

Ion Ratio Lower Upper

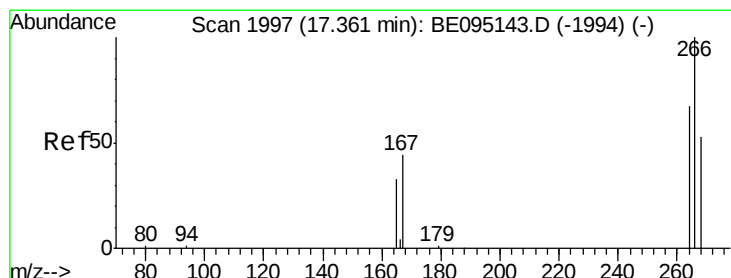
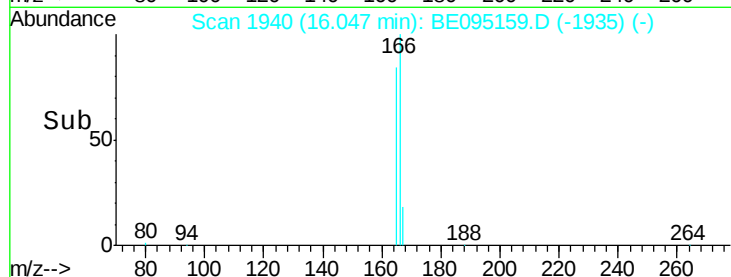
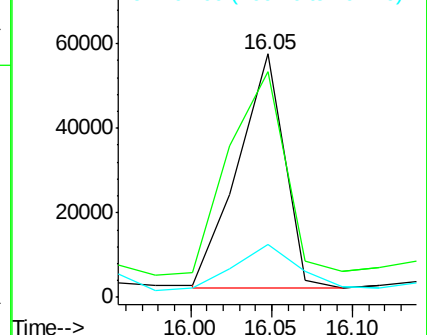
166 100

165 92.5 73.4 110.2

167 21.9 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: 11.271 ng/ul

RT: 17.38 min Scan# 1998

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

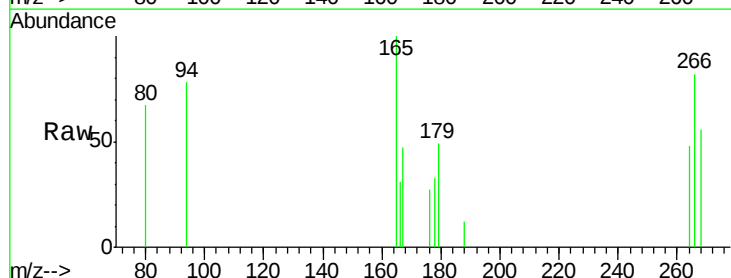
Tgt Ion:266 Resp: 36039

Ion Ratio Lower Upper

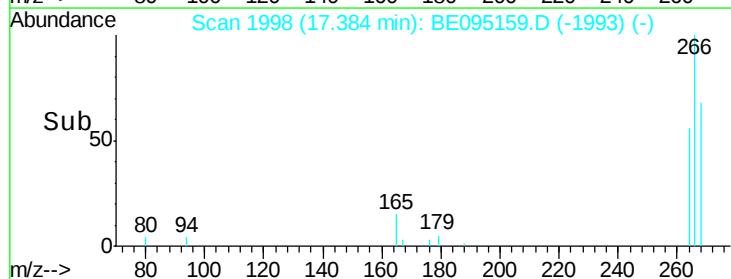
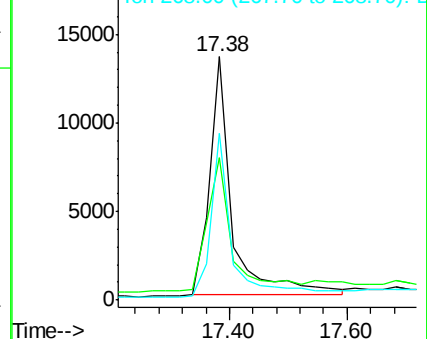
266 100

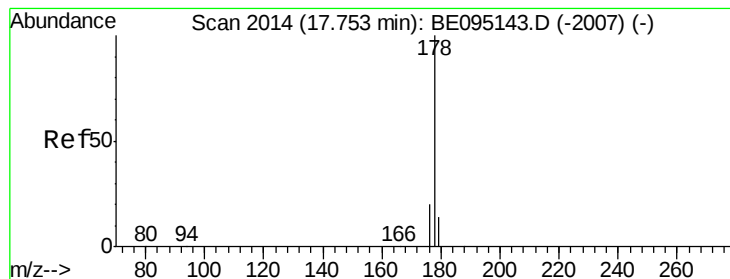
264 57.5 47.9 71.9

268 64.7 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: 4.578 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

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ClientSampleId :

F6A47

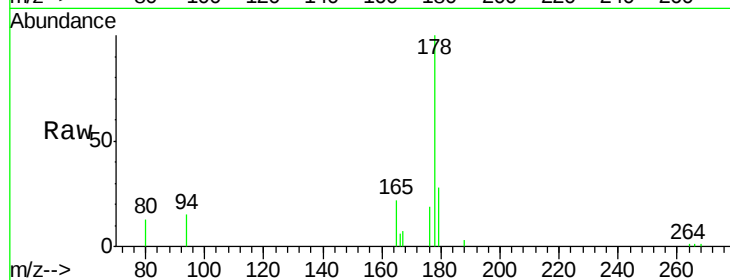
Tgt Ion:178 Resp: 254179

Ion Ratio Lower Upper

178 100

179 27.6 18.4 27.6#

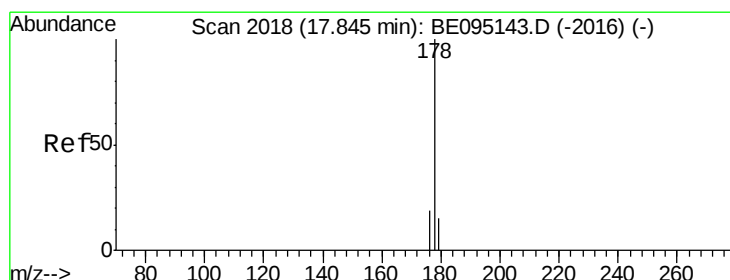
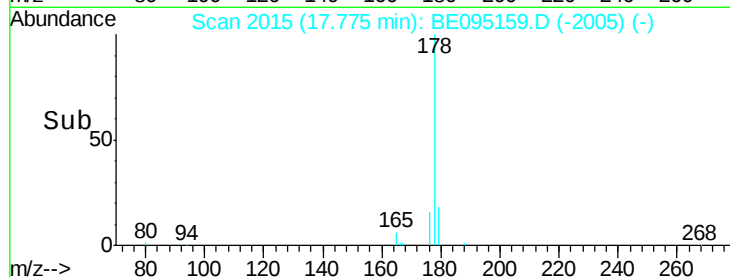
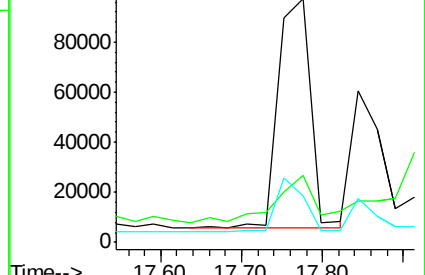
176 19.1 13.6 20.4



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: 2.570 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

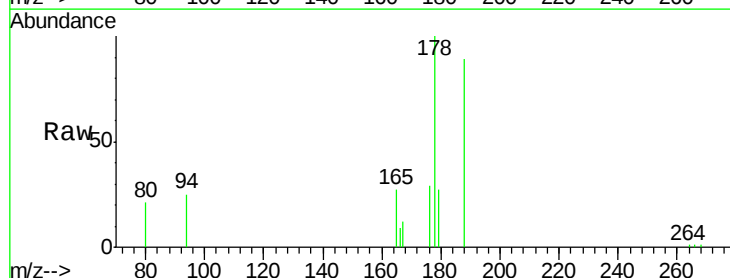
Tgt Ion:178 Resp: 130579

Ion Ratio Lower Upper

178 100

179 27.4 18.1 27.1#

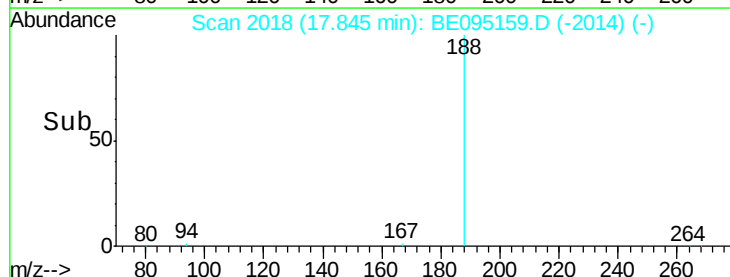
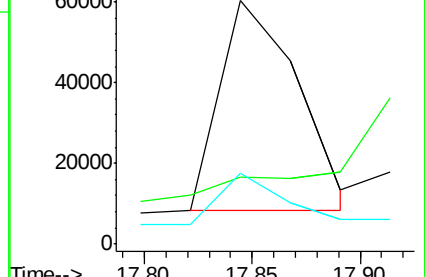
176 28.9 14.7 22.1#

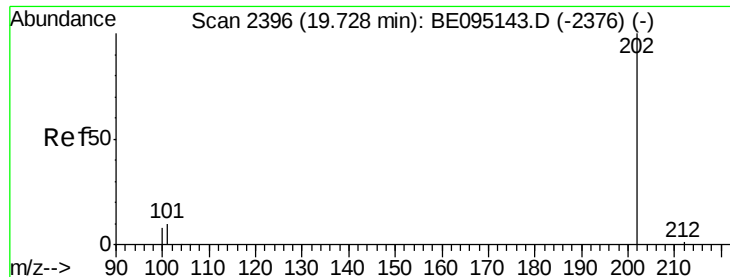


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 9.121 ng/ul

RT: 19.74 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

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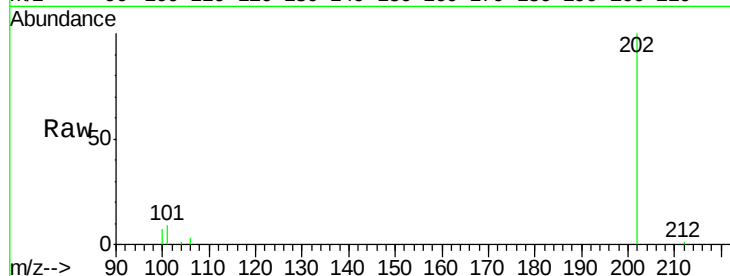
Tgt Ion:202 Resp: 655697

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.3

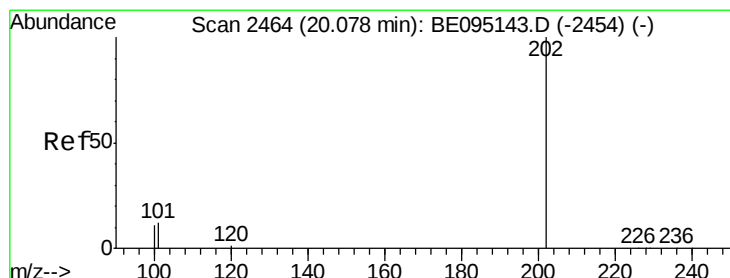
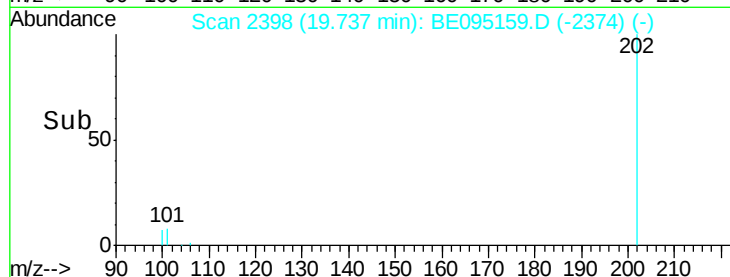
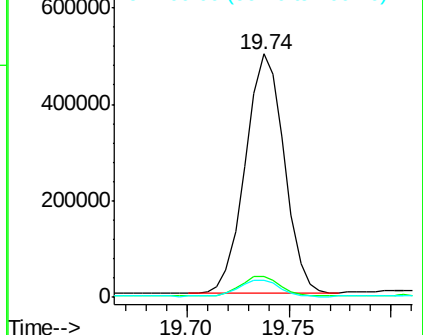
100 7.2 0.0 39.5



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: 23.553 ng/ul

RT: 20.09 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

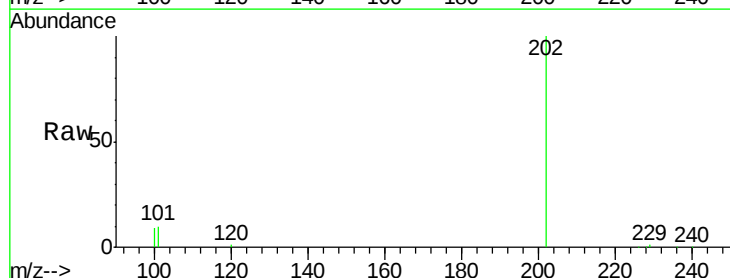
Tgt Ion:202 Resp: 1173641

Ion Ratio Lower Upper

202 100

101 9.9 18.2 27.4#

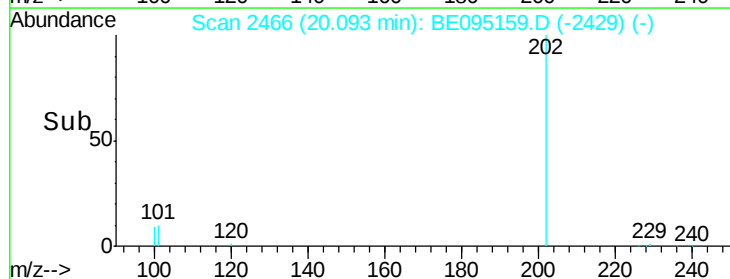
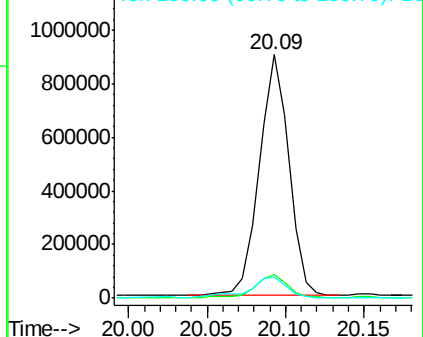
100 8.8 15.6 23.4#

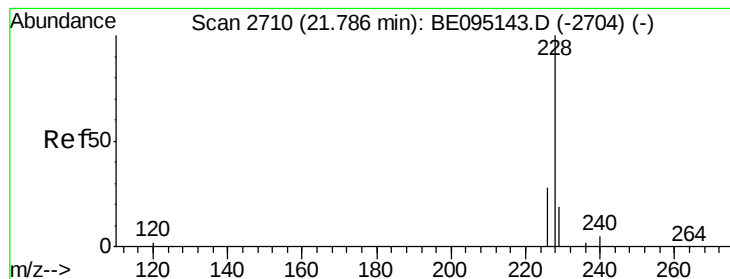


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 5.368 ng/ul

RT: 21.80 min Scan# 2712

Delta R.T. 0.02 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

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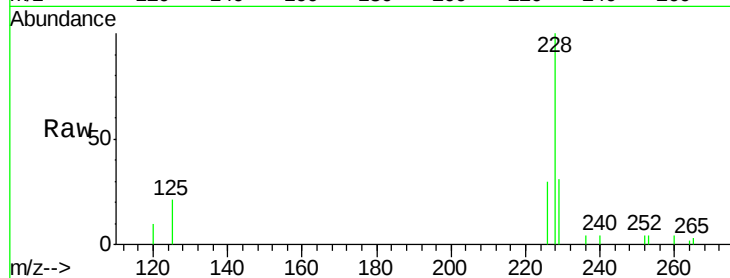
Tgt Ion:228 Resp: 249234

Ion Ratio Lower Upper

228 100

229 31.1 22.8 34.2

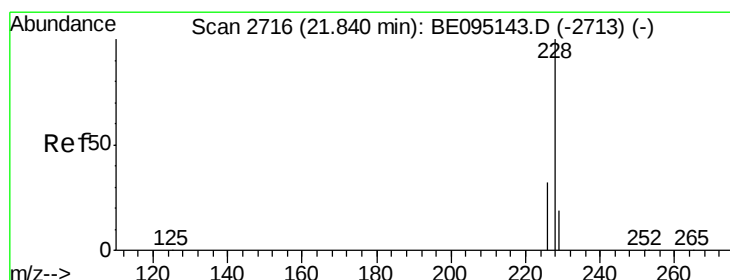
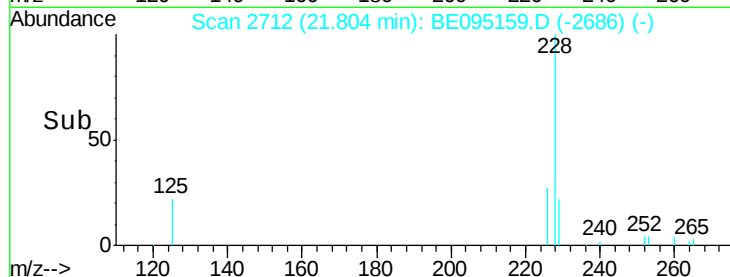
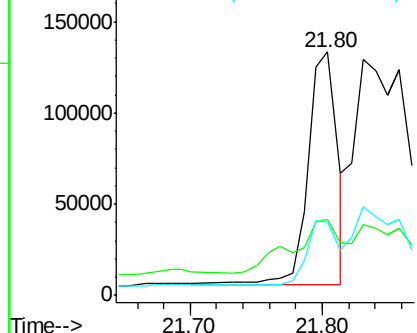
226 30.2 17.0 25.6#



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: 6.259 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.01 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

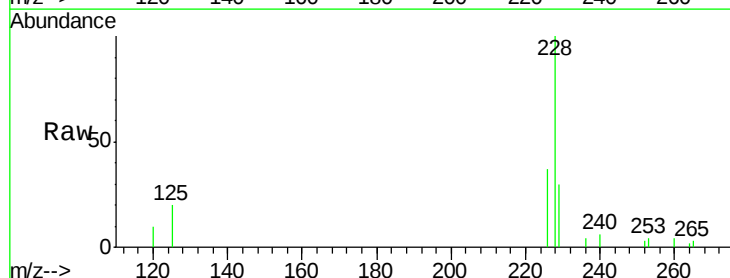
Tgt Ion:228 Resp: 301748

Ion Ratio Lower Upper

228 100

226 37.4 23.4 35.0#

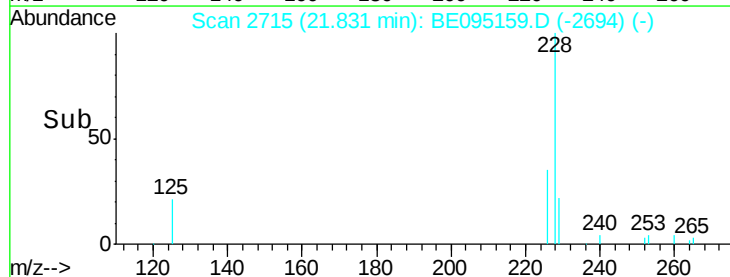
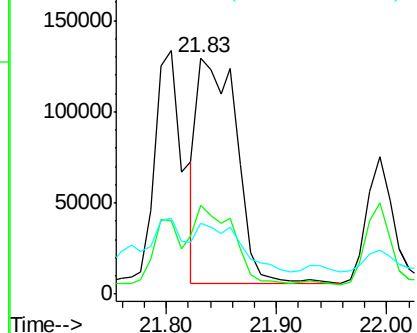
229 29.9 17.7 26.5#

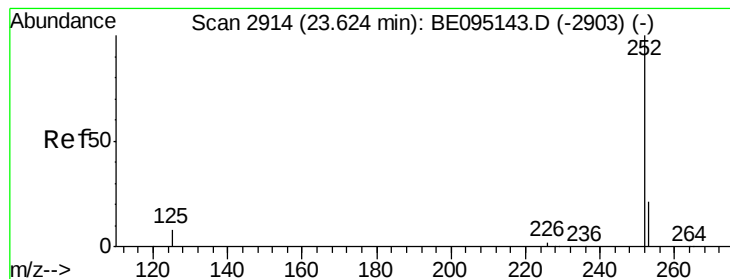


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.169 ng/ul

RT: 23.65 min Scan# 2917

Delta R.T. 0.03 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

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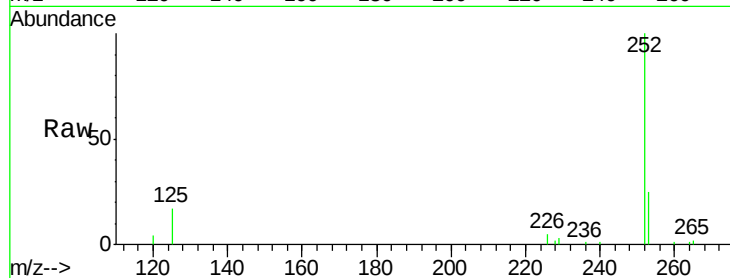
Tgt Ion:252 Resp: 432003

Ion Ratio Lower Upper

252 100

253 24.6 0.0 64.2

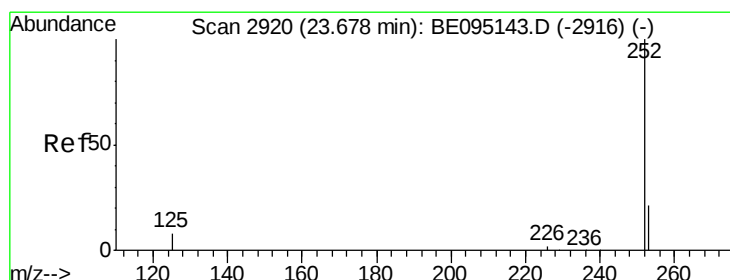
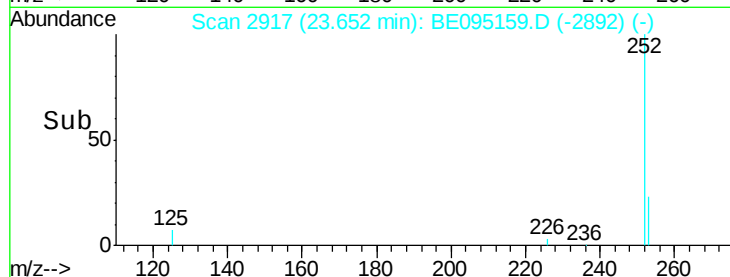
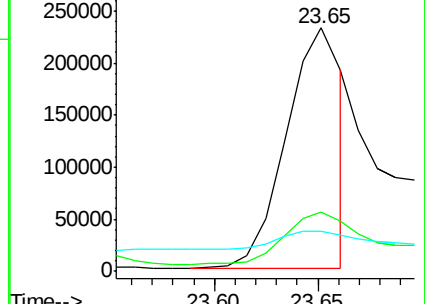
125 16.6 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.185 ng/ul

RT: 23.65 min Scan# 2917

Delta R.T. -0.03 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

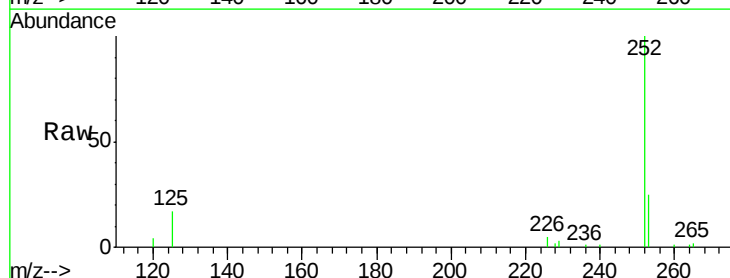
Tgt Ion:252 Resp: 432003

Ion Ratio Lower Upper

252 100

253 24.6 24.5 36.7

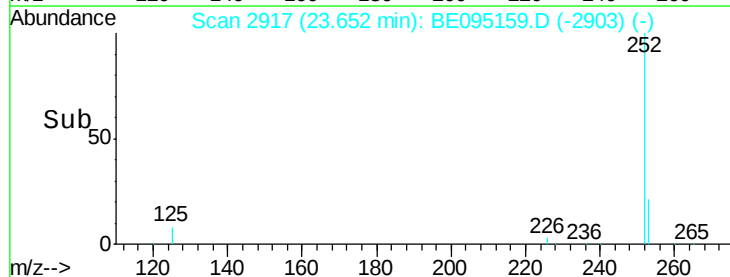
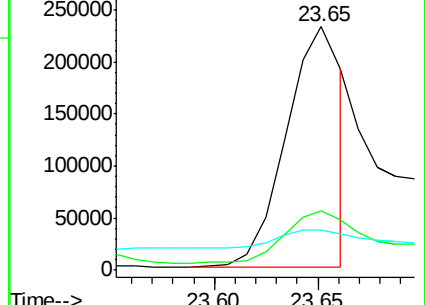
125 16.6 13.7 20.5

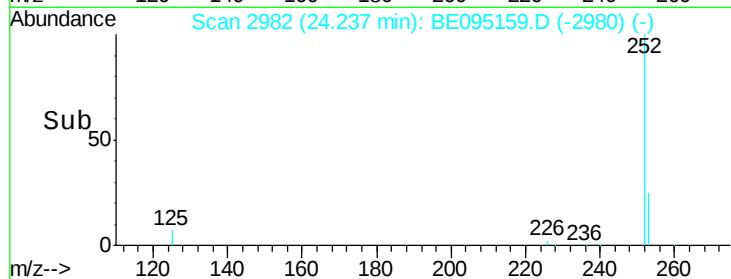
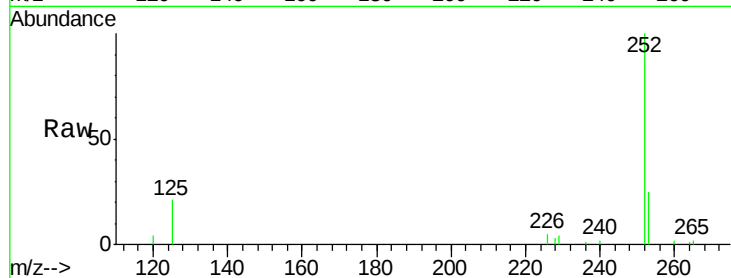
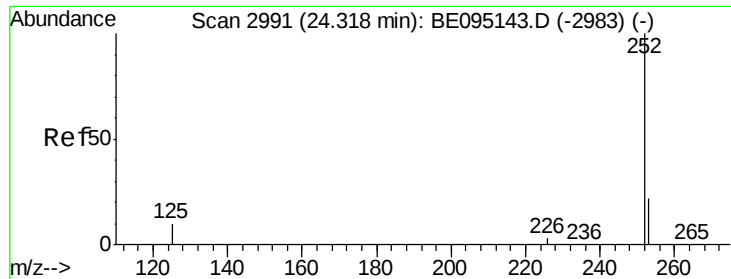


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.178 ng/ul

RT: 24.24 min Scan# 2982

Delta R.T. -0.08 min

Lab File: BE095159.D

Acq: 27 Jan 2018 9:48

Instrument :

BNA_E

ClientSampleId :

F6A47

Tgt Ion: 252 Resp: 407371

Ion Ratio Lower Upper

252 100

253 24.9 28.5 42.7#

125 20.6 18.1 27.1

