

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012718\
 Data File : BE095169.D
 Acq On : 27 Jan 2018 16:35
 Operator : SJ/JU
 Sample : J1220-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A22

Quant Time: Jan 28 01:34:08 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

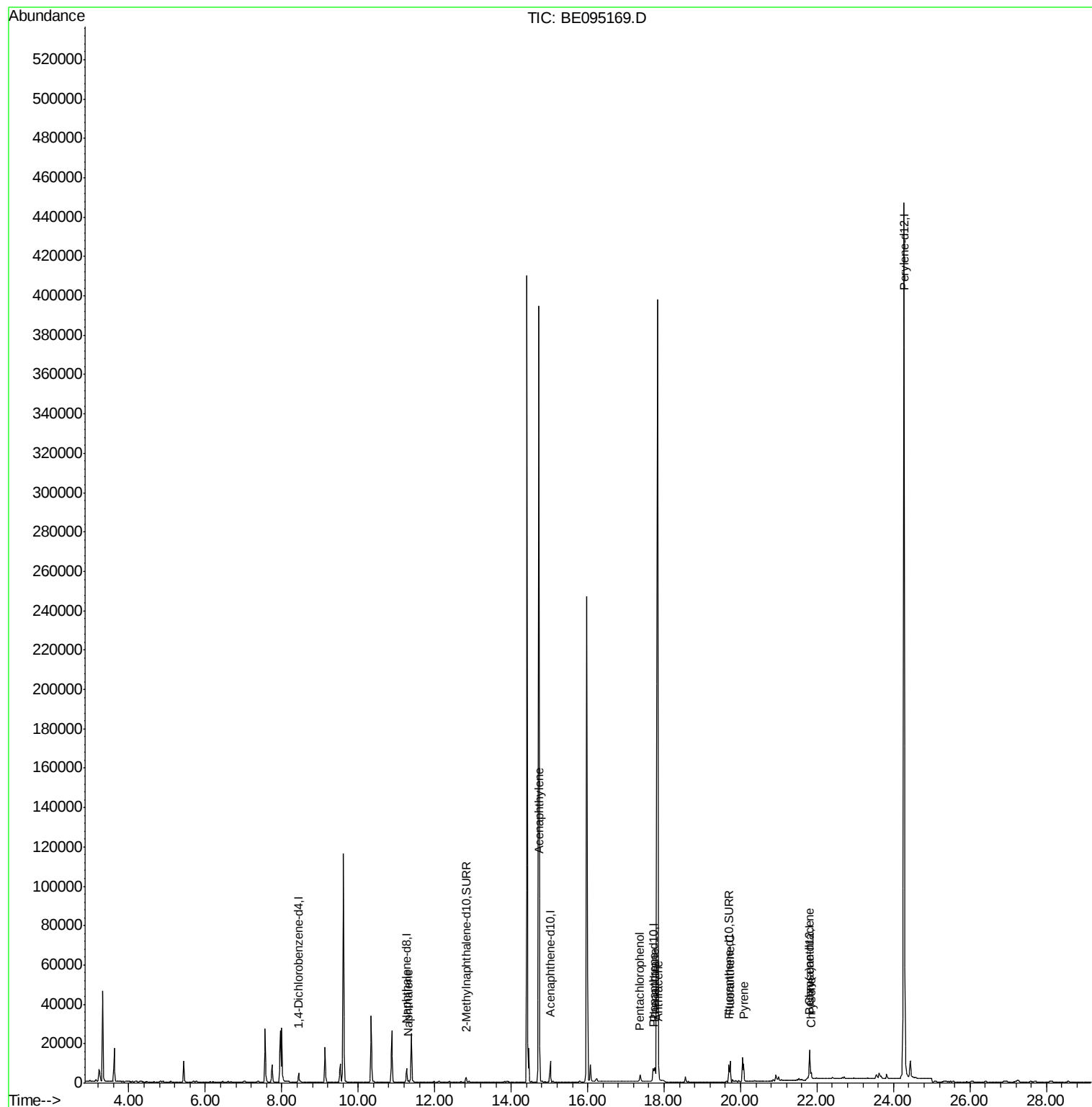
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3013	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9494	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5988	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	12754	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	13445	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	513990	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3174	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9916	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.32	128	1001	0.038	ng/ul#	78
7) Acenaphthylene	14.75	152	996	0.035	ng/ul#	83
11) Pentachlorophenol	17.36	266	1995	0.808	ng/ul	96
12) Phenanthrene	17.75	178	8401	0.196	ng/ul#	87
13) Anthracene	17.85	178	3119	0.079	ng/ul	93
15) Fluoranthene	19.73	202	11912	0.214	ng/ul	84
17) Pyrene	20.08	202	10522	0.233	ng/ul#	82
18) Benzo(a)anthracene	21.79	228	4559	0.108	ng/ul#	91
19) Chrysene	21.84	228	4180	0.096	ng/ul#	86

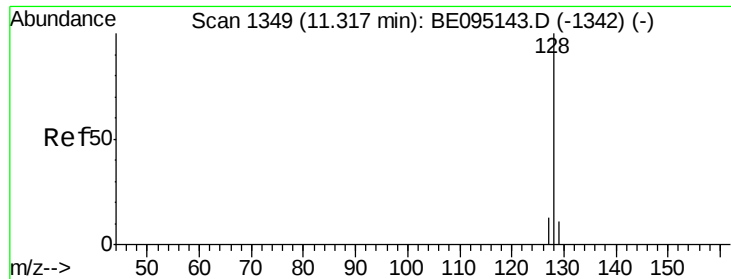
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

Instrument :

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F6A22

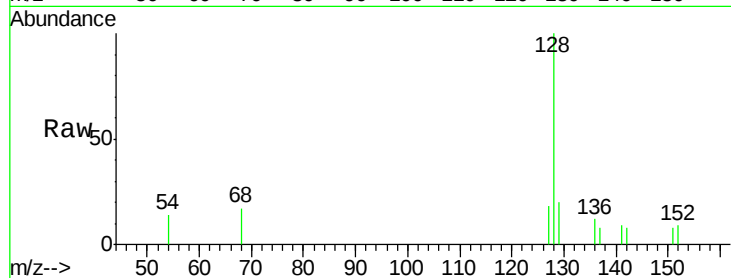
Tgt Ion:128 Resp: 1001

Ion Ratio Lower Upper

128 100

129 20.2 11.3 16.9#

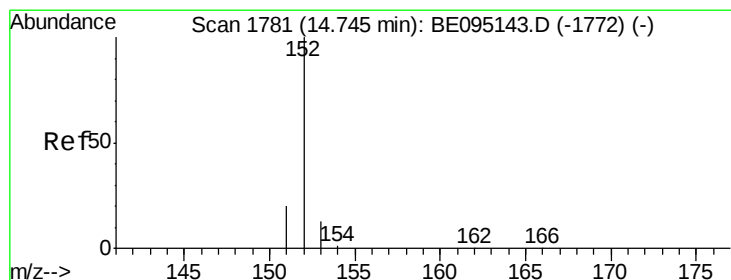
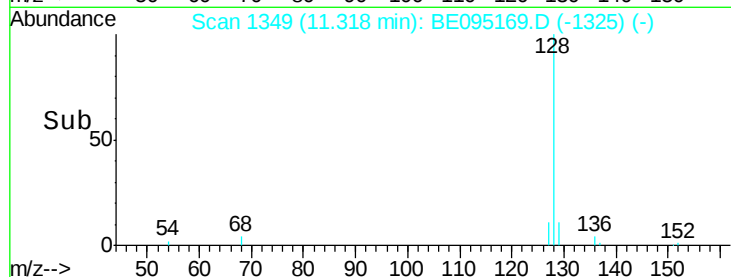
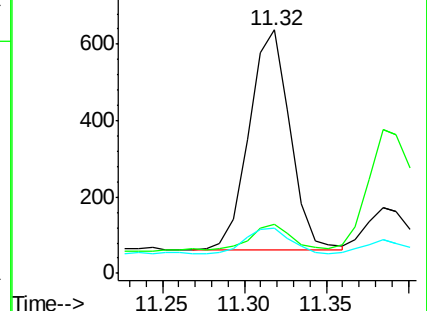
127 18.5 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

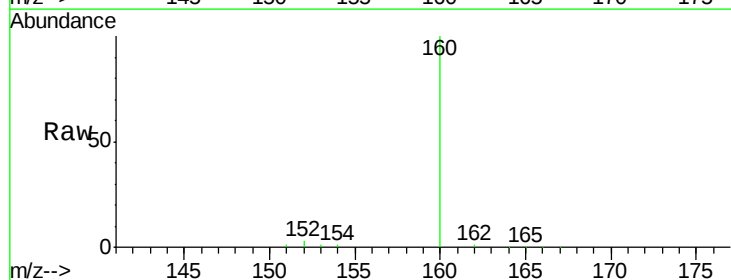
Tgt Ion:152 Resp: 996

Ion Ratio Lower Upper

152 100

151 29.6 17.1 25.7#

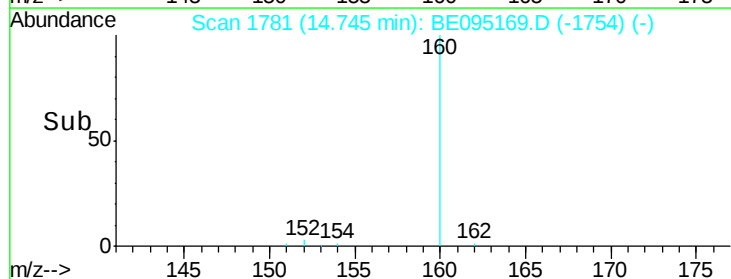
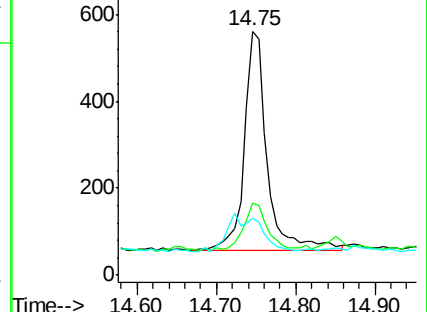
153 23.2 12.8 19.2#

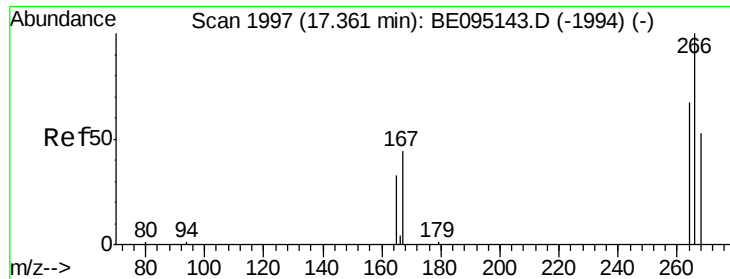


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

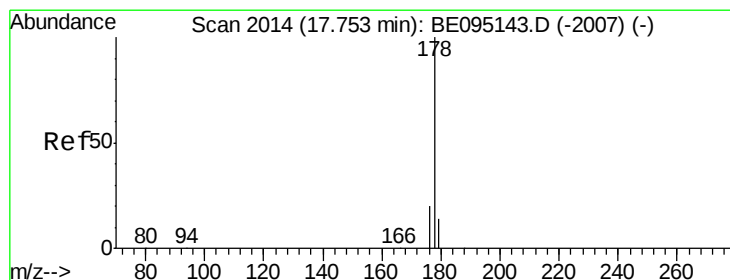
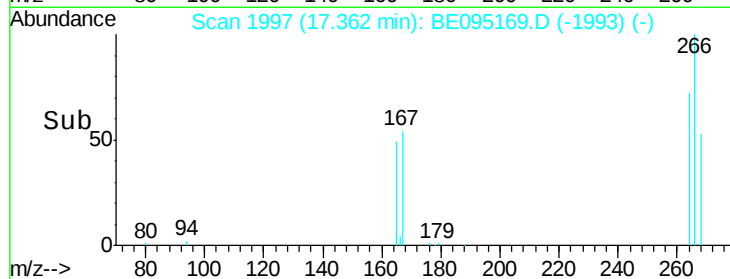
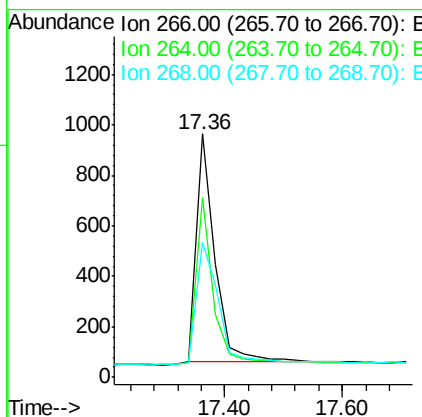
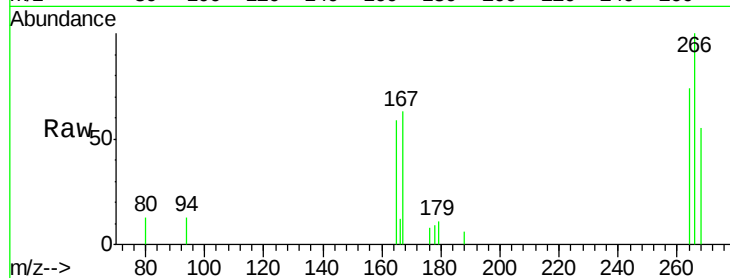




#11
 Pentachlorophenol
 Concen: 0.808 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095169.D
 Acq: 27 Jan 2018 16:35

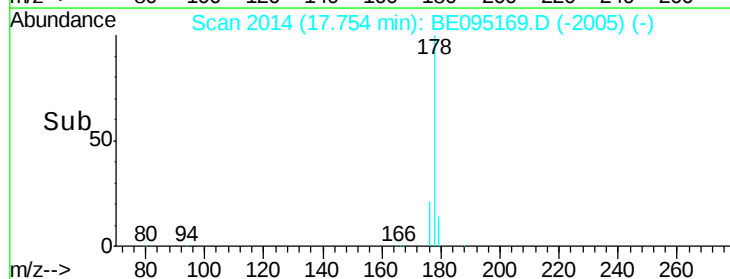
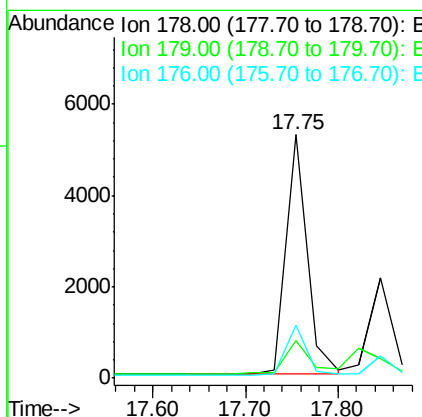
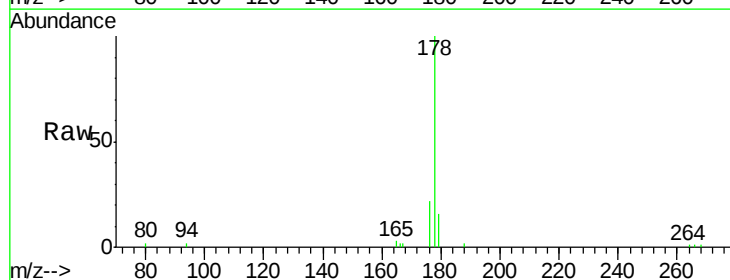
Instrument :
 BNA_E
 ClientSampleId :
 F6A22

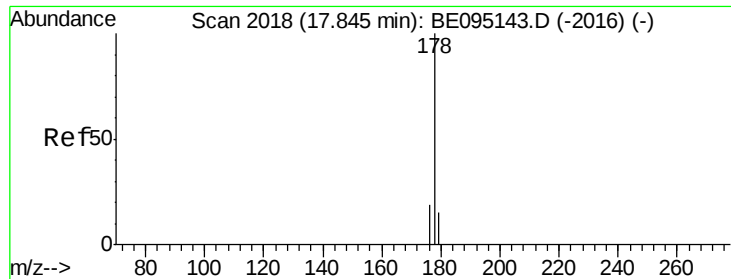
Tgt Ion: 266 Resp: 1995
 Ion Ratio Lower Upper
 266 100
 264 64.6 47.9 71.9
 268 64.2 49.8 74.8



#12
 Phenanthrene
 Concen: 0.196 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095169.D
 Acq: 27 Jan 2018 16:35

Tgt Ion: 178 Resp: 8401
 Ion Ratio Lower Upper
 178 100
 179 15.6 18.4 27.6#
 176 21.6 13.6 20.4#





#13

Anthracene

Concen: 0.079 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

Instrument :

BNA_E

ClientSampleId :

F6A22

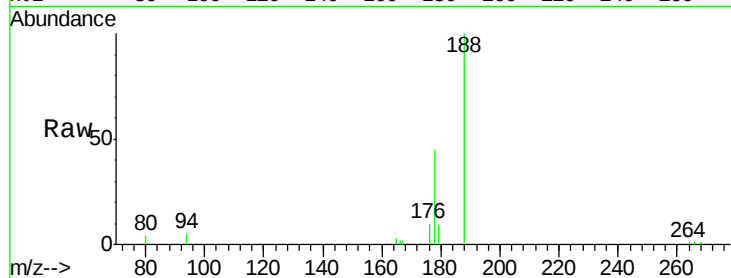
Tgt Ion:178 Resp: 3119

Ion Ratio Lower Upper

178 100

179 19.1 18.1 27.1

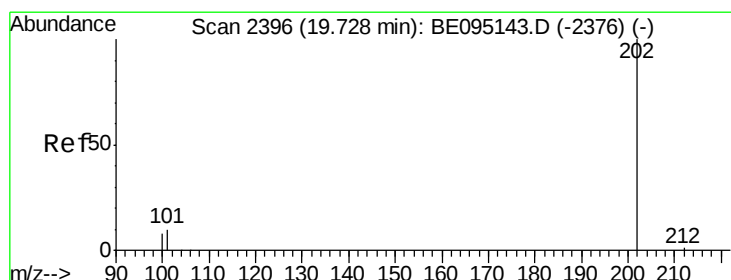
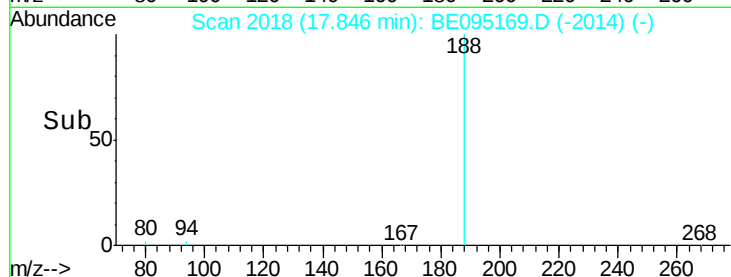
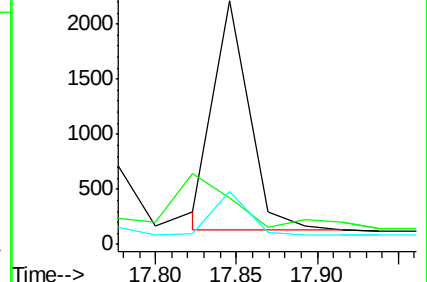
176 21.8 14.7 22.1



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: 0.214 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

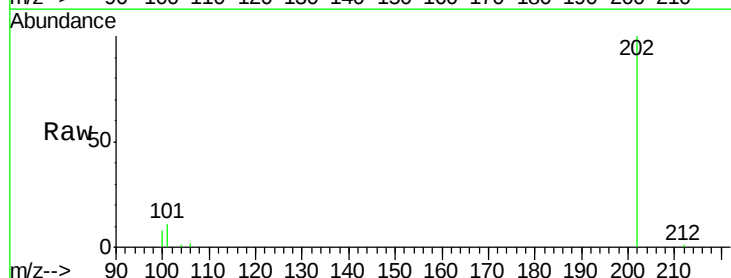
Tgt Ion:202 Resp: 11912

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

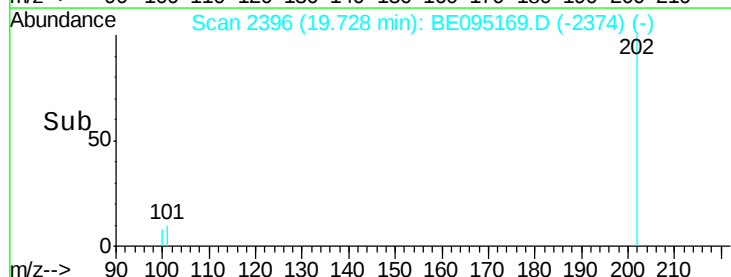
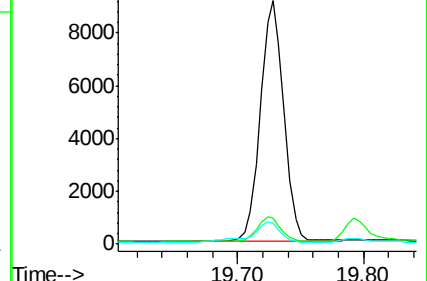
100 8.4 0.0 39.5

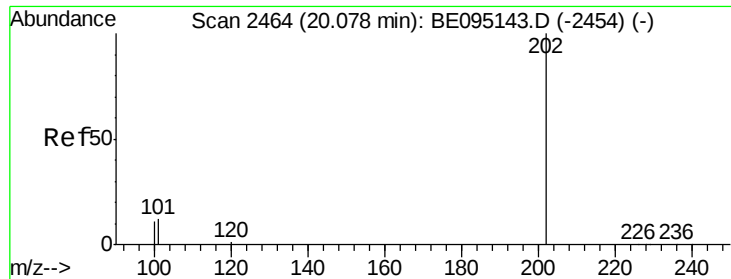


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 0.233 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

Instrument :

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ClientSampleId :

F6A22

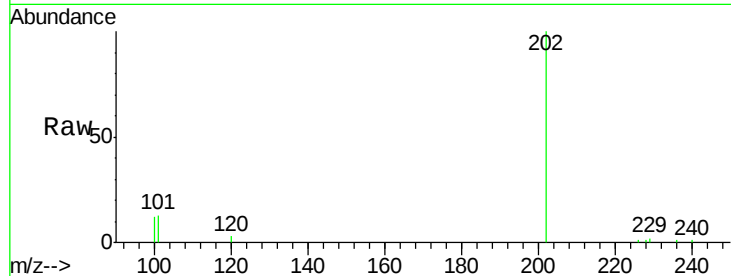
Tgt Ion:202 Resp: 10522

Ion Ratio Lower Upper

202 100

101 13.2 18.2 27.4#

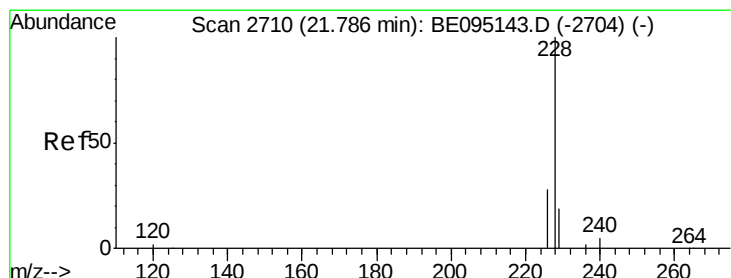
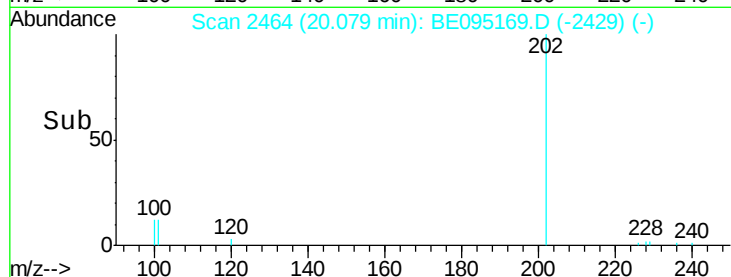
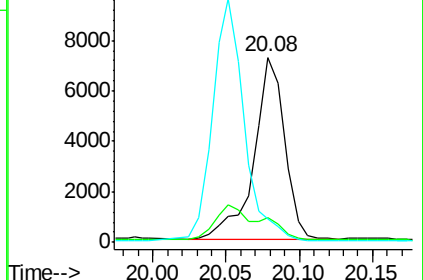
100 12.4 15.6 23.4#



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: 0.108 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

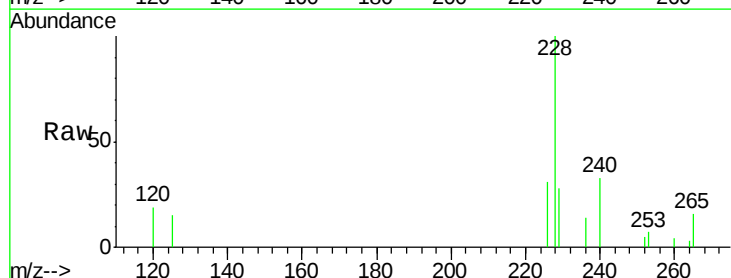
Tgt Ion:228 Resp: 4559

Ion Ratio Lower Upper

228 100

229 28.5 22.8 34.2

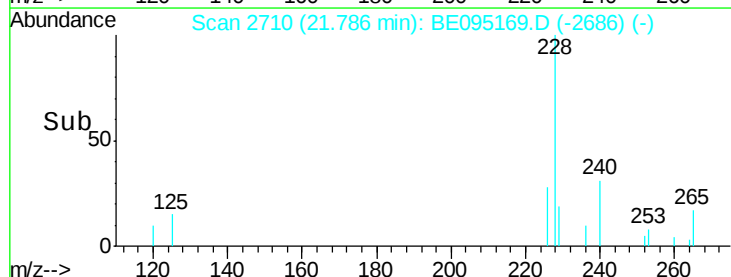
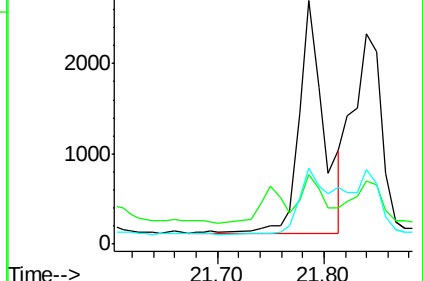
226 31.3 17.0 25.6#

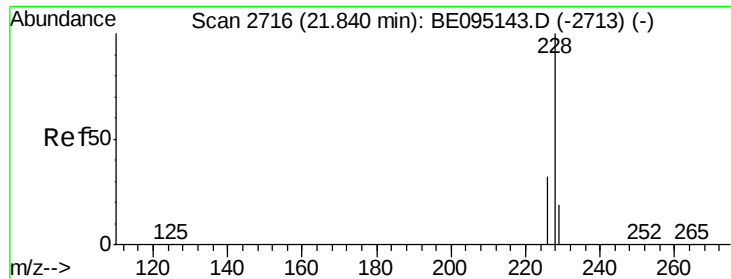


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.096 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095169.D

Acq: 27 Jan 2018 16:35

Instrument :

BNA_E

ClientSampleId :

F6A22

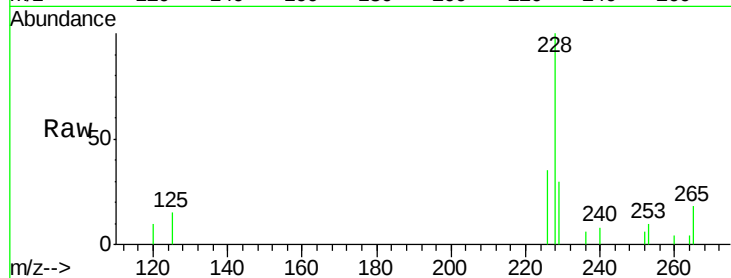
Tgt Ion:228 Resp: 4180

Ion Ratio Lower Upper

228 100

226 35.3 23.4 35.0#

229 30.3 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

