

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121817\
 Data File : BE095016.D
 Acq On : 18 Dec 2017 18:51
 Operator : SJ/JU
 Sample : I6900-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 19 04:09:38 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE121817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:08:16 2017
 Response via : Initial Calibration

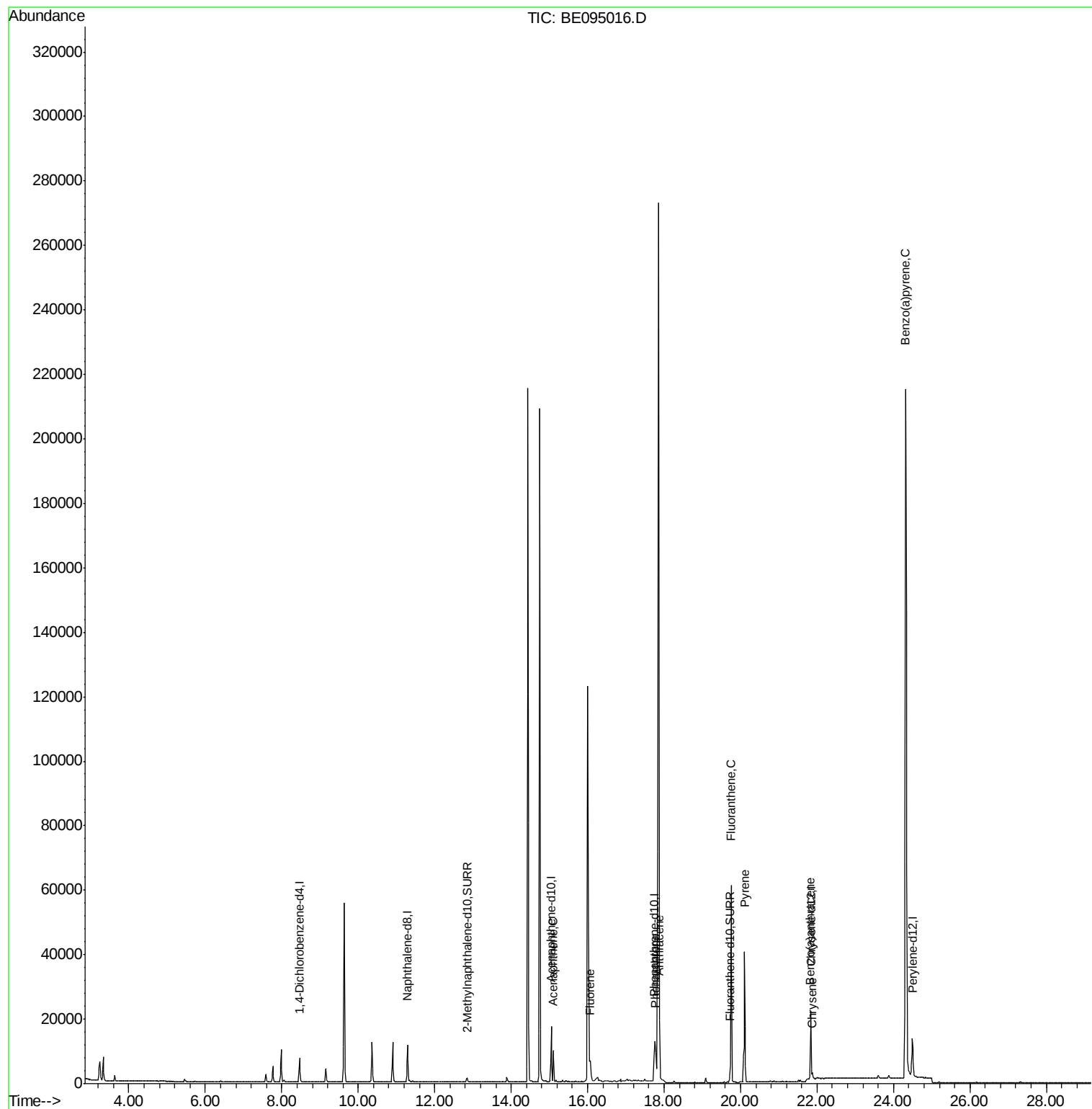
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4734	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	15590	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	9349	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	21429	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	20783	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	20697	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	1640	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	4675	0.07	ng/ul	0.00
Target Compounds					Ovalue	
8) Acenaphthene	15.11	153	5584	0.170	ng/ul	94
9) Fluorene	16.07	166	7843	0.215	ng/ul	89
12) Phenanthrene	17.78	178	12393	0.220	ng/ul#	83
13) Anthracene	17.87	178	11068	0.207	ng/ul#	88
15) Fluoranthene	19.76	202	70050	0.952	ng/ul	84
17) Pyrene	20.11	202	46943	0.650	ng/ul#	82
18) Benzo(a)anthracene	21.82	228	2125	0.036	ng/ul#	86
19) Chrysene	21.88	228	1732	0.027	ng/ul	93
23) Benzo(a)pyrene	24.32	252	1257	0.020	ng/ul#	61

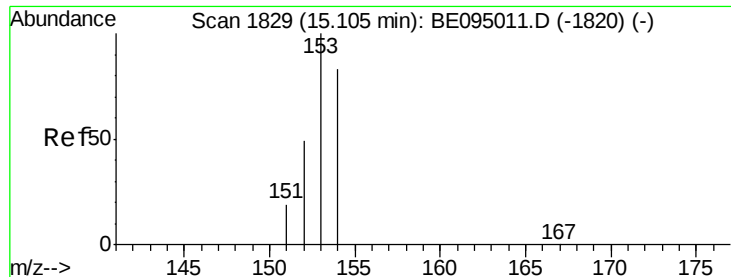
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.170 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

Instrument :

BNA_E

ClientSampleId :

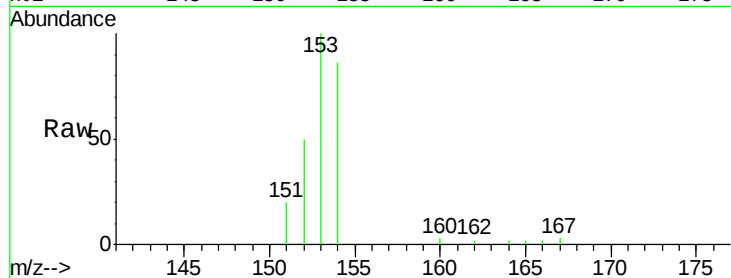
Tot Ion:153 Resp: 5584

Ion Ratio Lower Upper

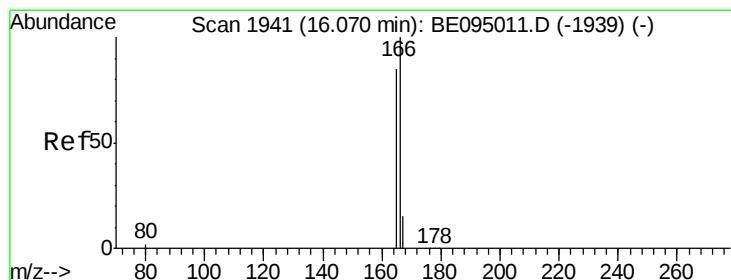
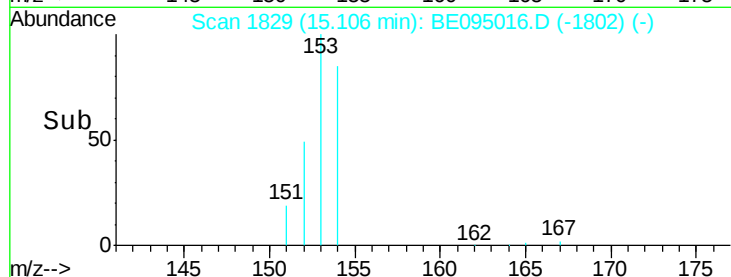
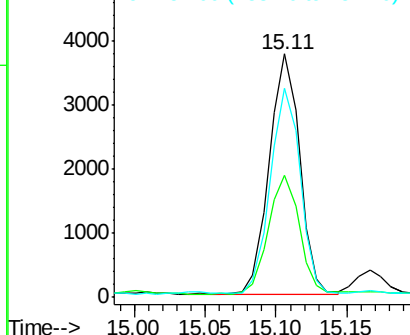
153 100

152 50.1 36.0 54.0

154 85.6 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



#9

Fluorene

Concen: 0.215 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

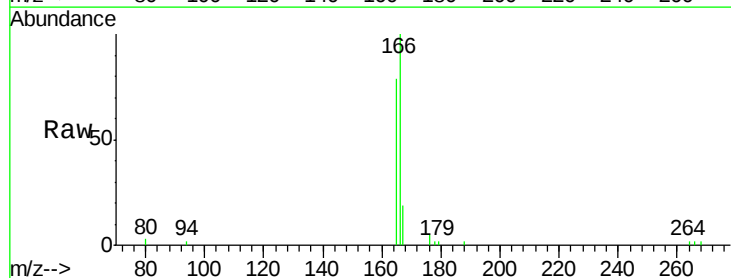
Tgt Ion:166 Resp: 7843

Ion Ratio Lower Upper

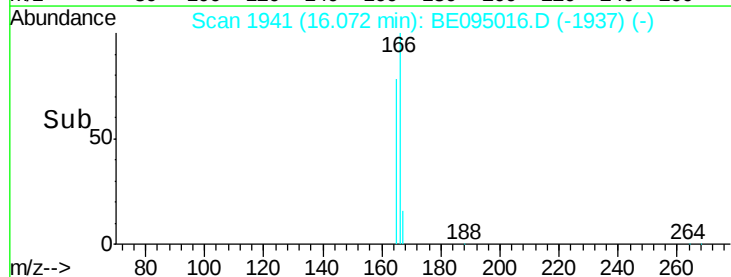
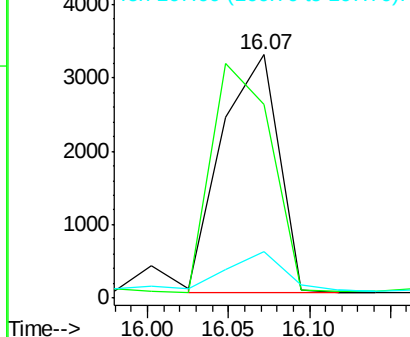
166 100

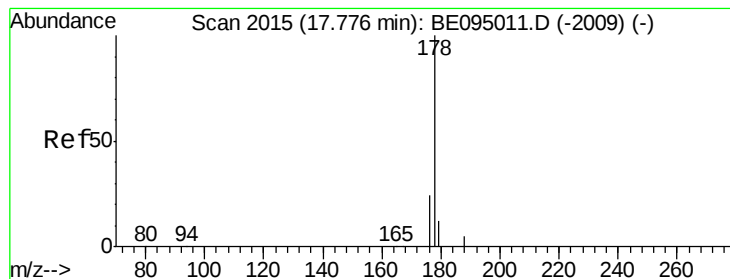
165 79.5 73.4 110.2

167 19.0 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





#12

Phenanthrene

Concen: 0.220 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

Instrument :

BNA_E

ClientSampleId :

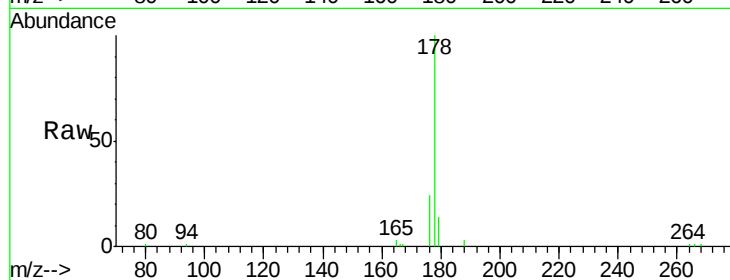
Tot Ion:178 Resp: 12393

Ion Ratio Lower Upper

178 100

179 14.1 18.4 27.6#

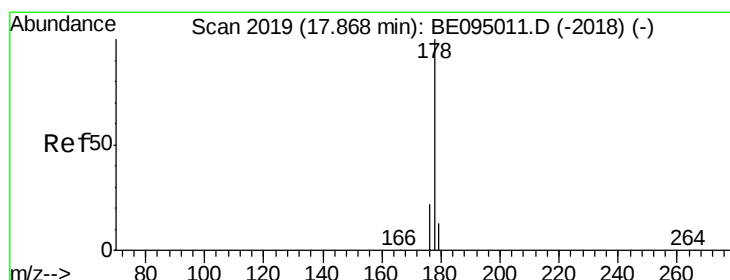
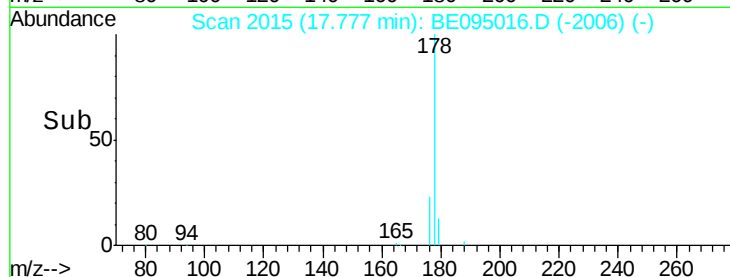
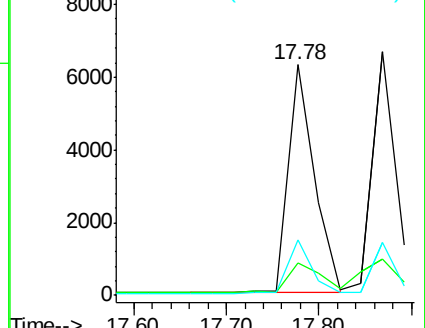
176 23.8 13.6 20.4#



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: 0.207 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

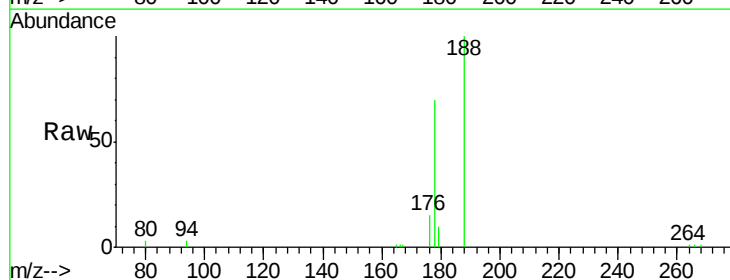
Tgt Ion:178 Resp: 11068

Ion Ratio Lower Upper

178 100

179 14.7 18.1 27.1#

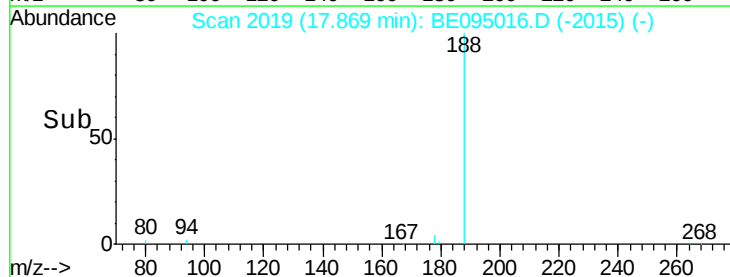
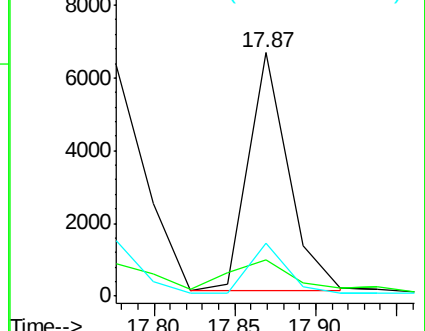
176 21.5 14.7 22.1

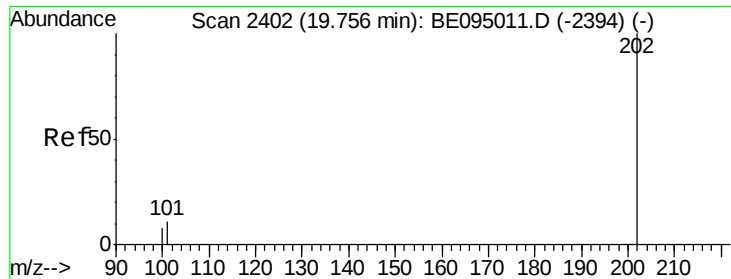


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

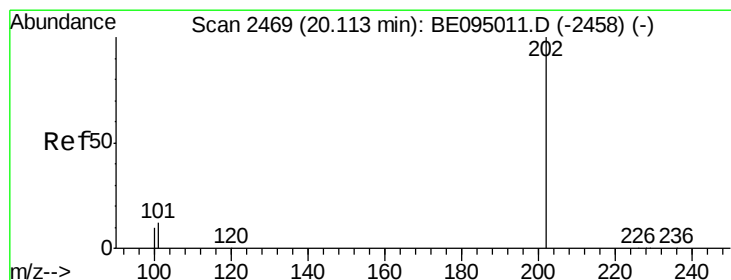
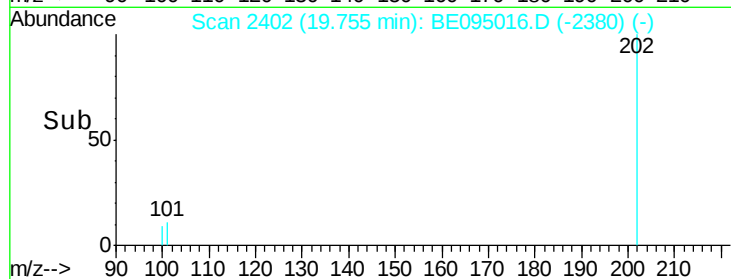
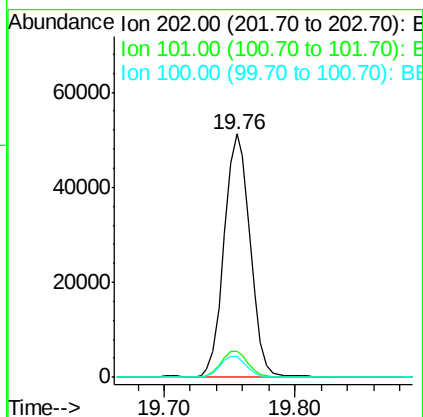
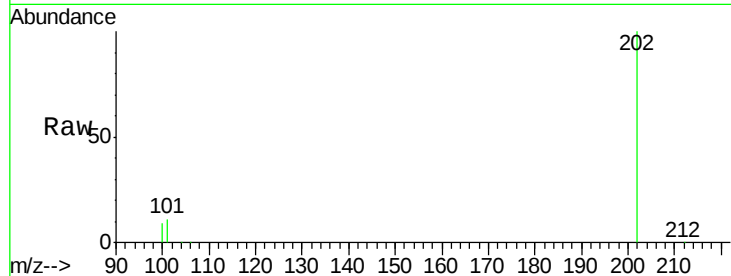




#15
Fluoranthene
Concen: 0.952 ng/ul
RT: 19.76 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BE095016.D
Acq: 18 Dec 2017 18:51

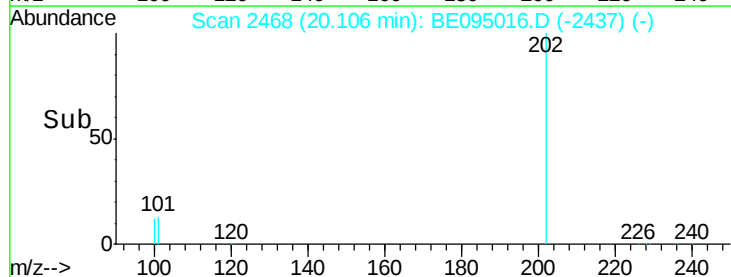
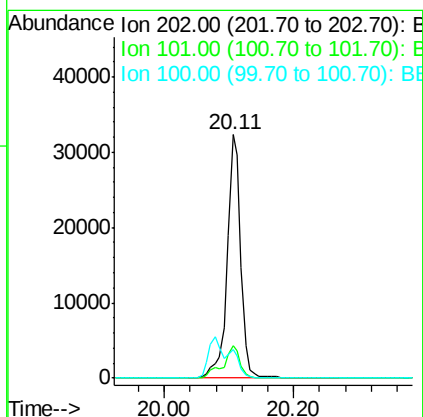
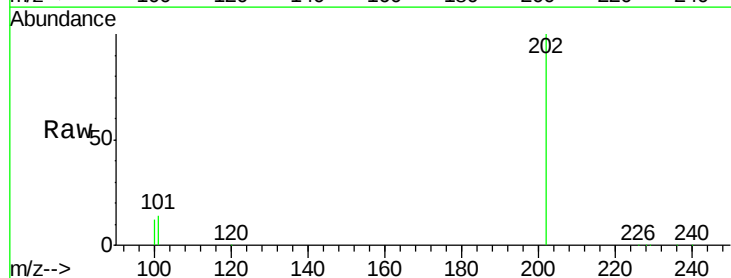
Instrument :
BNA_E
ClientSampleId :

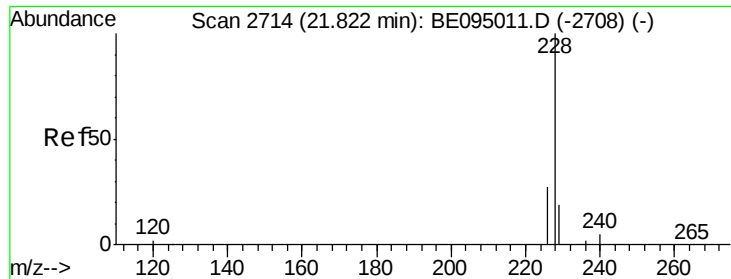
Tot Ion:202 Resp: 70050
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.3
100 8.7 0.0 39.5



#17
Pyrene
Concen: 0.650 ng/ul
RT: 20.11 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BE095016.D
Acq: 18 Dec 2017 18:51

Tgt Ion:202 Resp: 46943
Ion Ratio Lower Upper
202 100
101 13.6 18.2 27.4#
100 12.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.036 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

Instrument :

BNA_E

ClientSampleId :

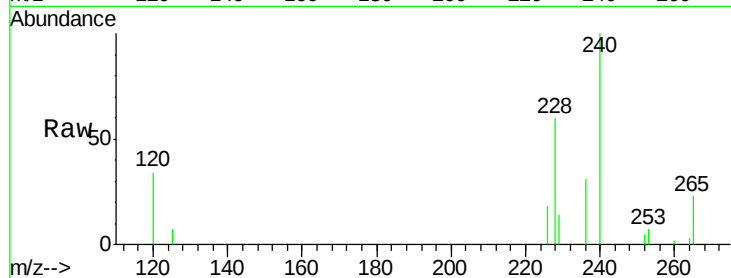
Tot Ion:228 Resp: 2125

Ion Ratio Lower Upper

228 100

229 23.5 22.8 34.2

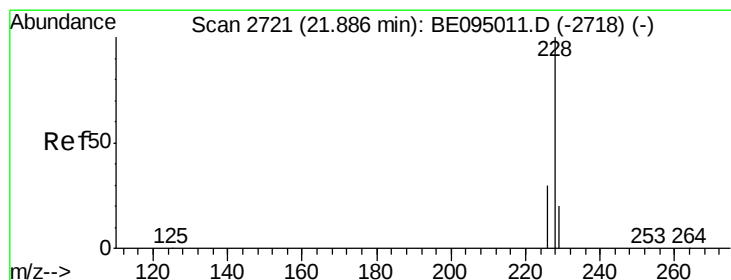
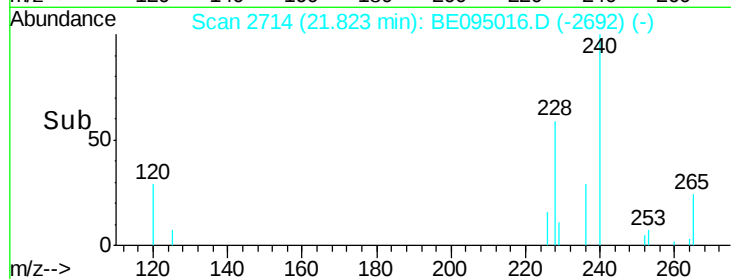
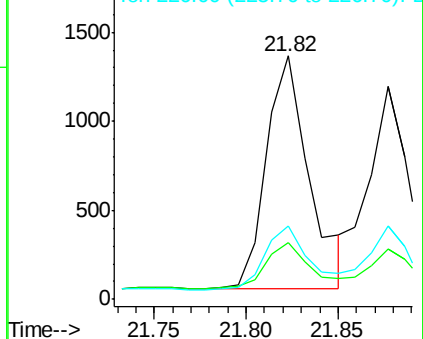
226 30.4 17.0 25.6#



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: 0.027 ng/ul

RT: 21.88 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

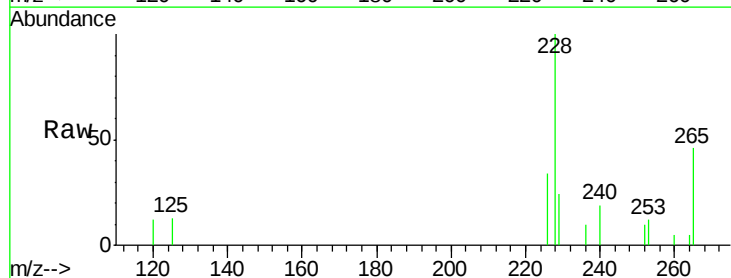
Tgt Ion:228 Resp: 1732

Ion Ratio Lower Upper

228 100

226 34.3 23.4 35.0

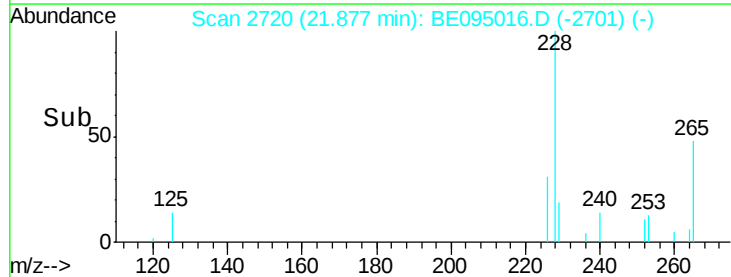
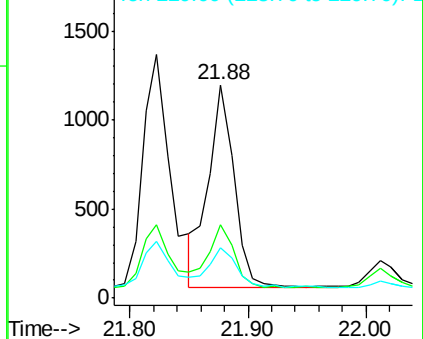
229 23.6 17.7 26.5

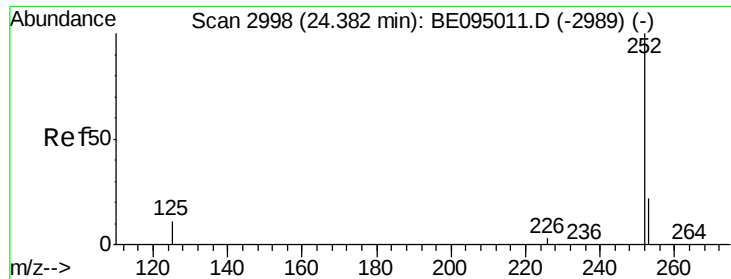


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(a)pyrene

Concen: 0.020 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.06 min

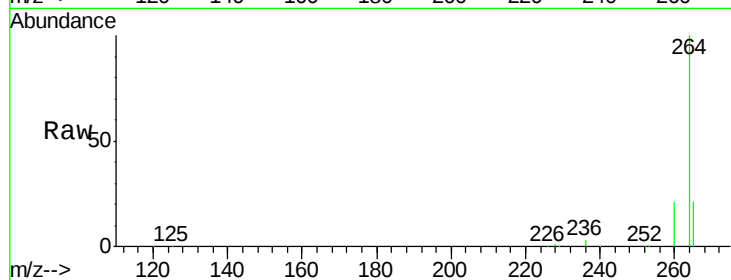
Lab File: BE095016.D

Acq: 18 Dec 2017 18:51

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	1257
Ion	Ratio	Lower	Upper
252	100		
253	52.9	28.5	42.7#
125	49.0	18.1	27.1#

