

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
 Data File : BE095385.D
 Acq On : 2 Feb 2018 7:51
 Operator : SJ/JU
 Sample : J1295-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 02 08:29:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration

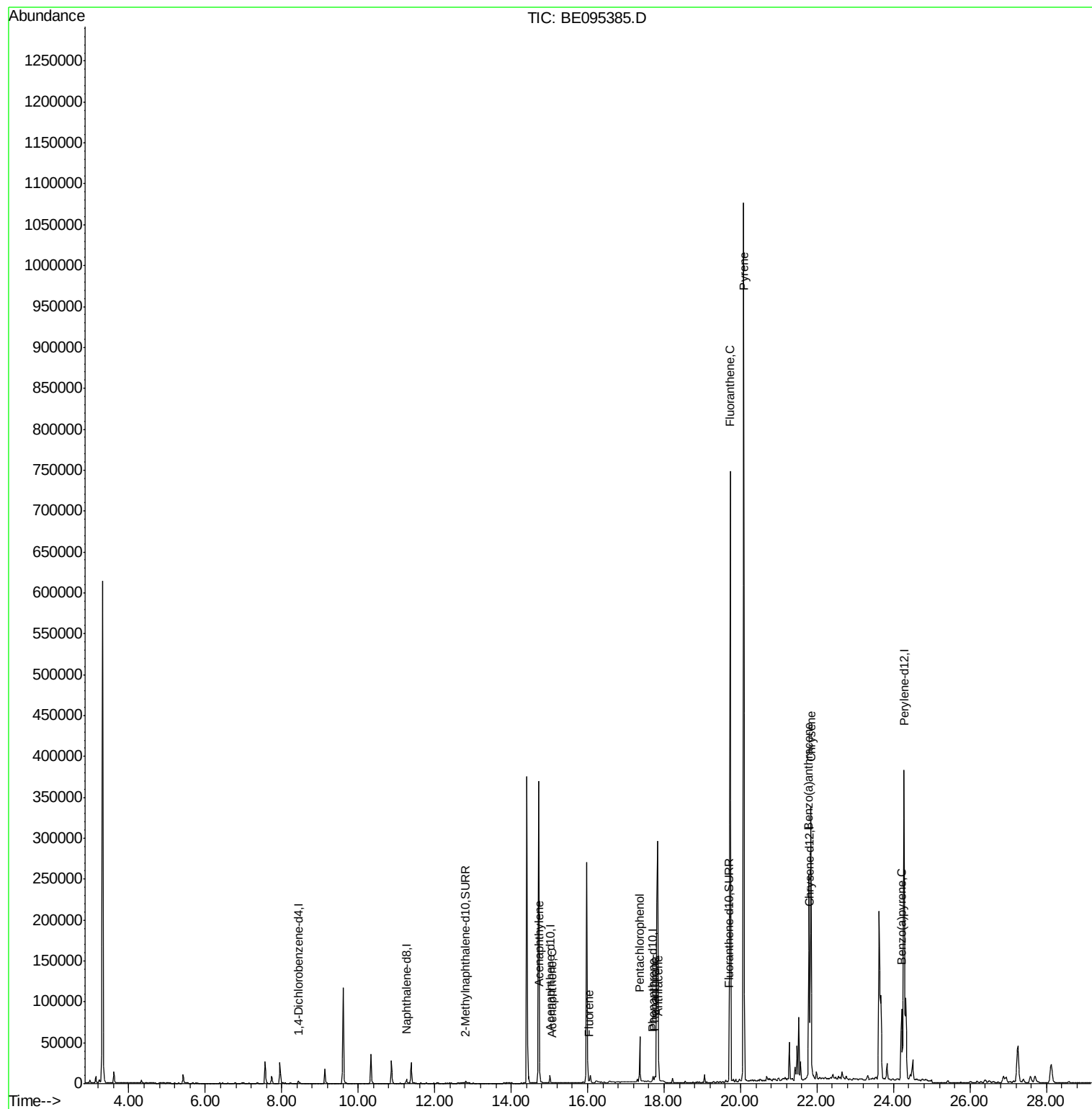
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2394	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7483	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4750	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9587	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10078	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	448590	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3173	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8815	0.24	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	25739	1.126	ng/ul	97
8) Acenaphthene	15.08	153	372	0.021	ng/ul#	65
9) Fluorene	16.02	166	2316	0.127	ng/ul#	70
11) Pentachlorophenol	17.36	266	33074	17.812	ng/ul	96
12) Phenanthrene	17.75	178	7891	0.245	ng/ul#	92
13) Anthracene	17.84	178	26939	0.913	ng/ul#	93
15) Fluoranthene	19.73	202	855992	20.503	ng/ul	81
17) Pyrene	20.08	202	1181945	34.951	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	294985	9.362	ng/ul#	85
19) Chrysene	21.84	228	395809	12.097	ng/ul	95
23) Benzo(a)pyrene	24.21	252	149308	0.106	ng/ul#	78

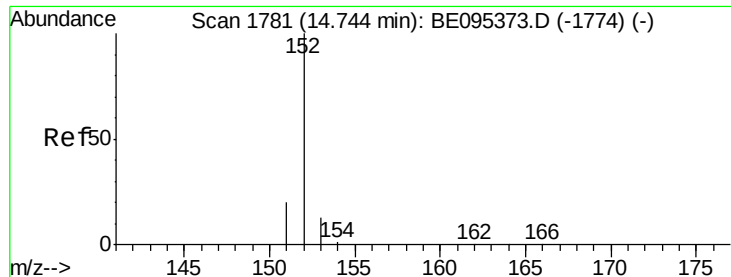
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 02 04:53:51 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 1.126 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

ClientSampleId :

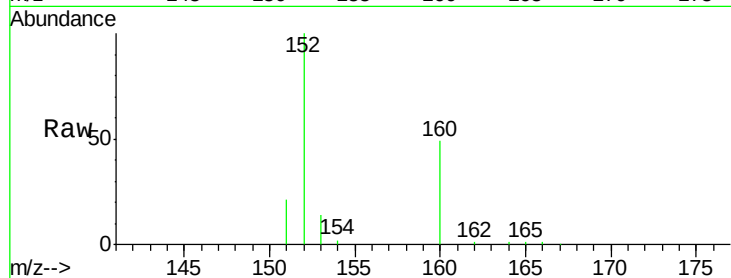
Tot Ion:152 Resp: 25739

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

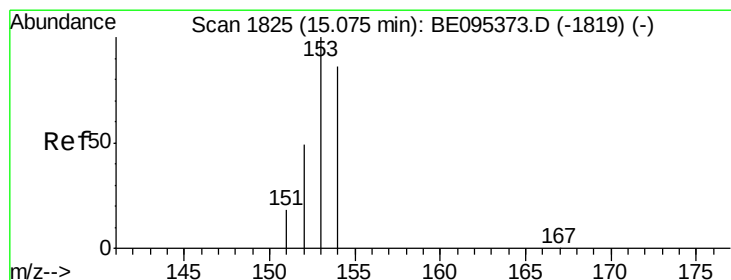
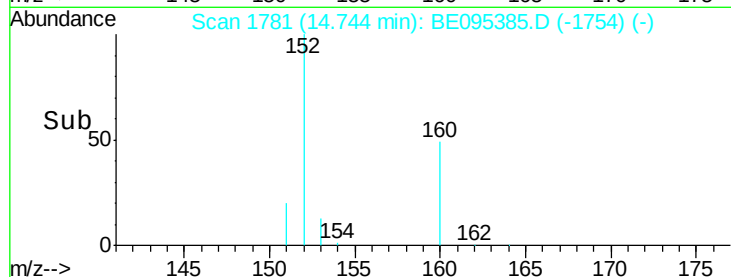
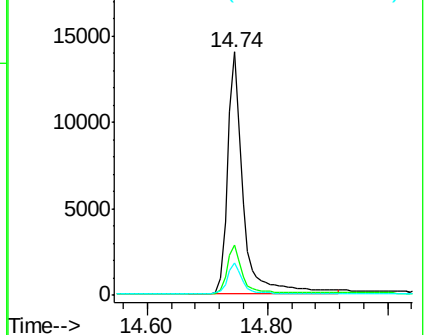
153 13.5 12.8 19.2



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



#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

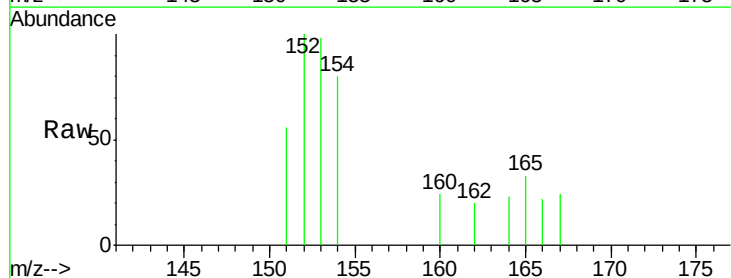
Tgt Ion:153 Resp: 372

Ion Ratio Lower Upper

153 100

152 101.9 36.0 54.0#

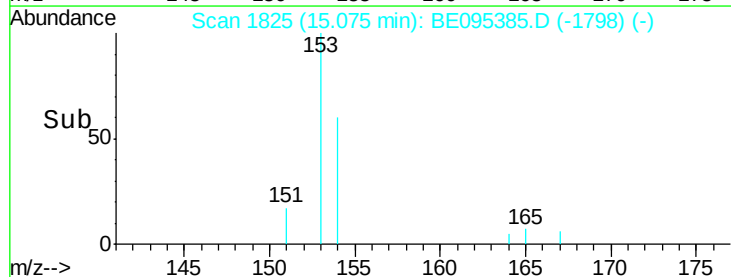
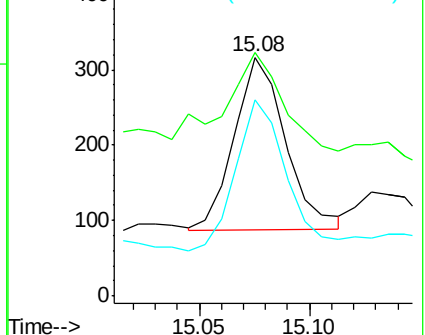
154 82.0 72.0 108.0

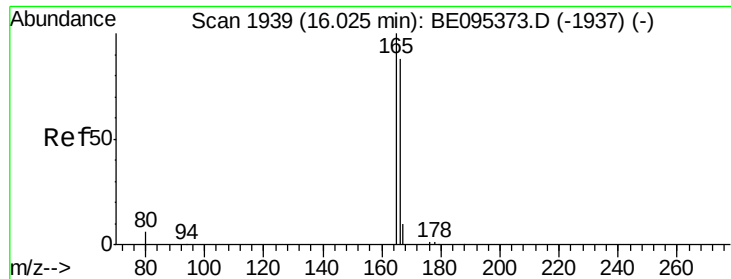


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.127 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

ClientSampleId :

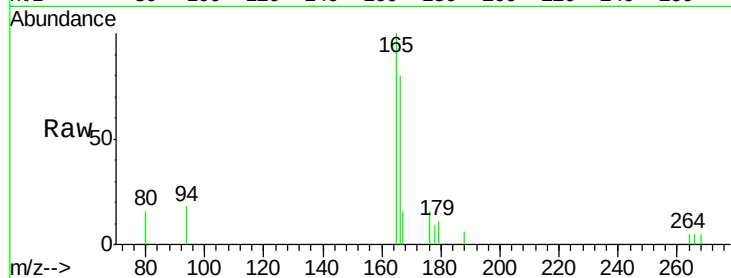
Tot Ion:166 Resp: 2316

Ion Ratio Lower Upper

166 100

165 125.3 73.4 110.2#

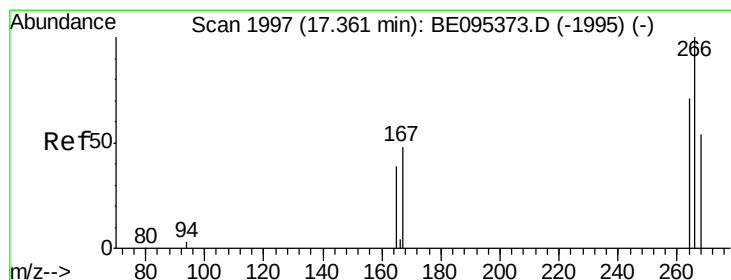
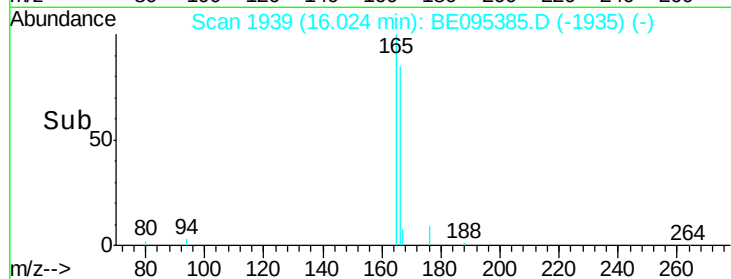
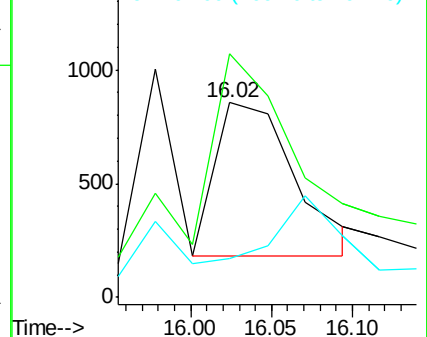
167 20.2 14.6 22.0



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: 17.812 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

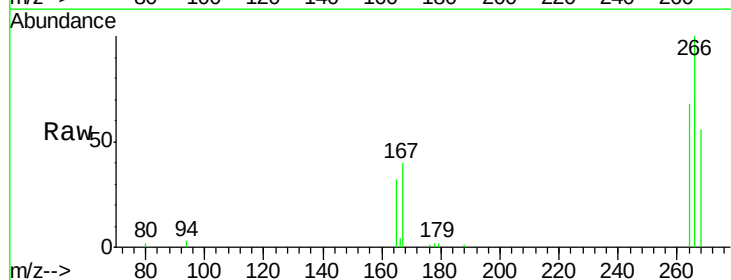
Tgt Ion:266 Resp: 33074

Ion Ratio Lower Upper

266 100

264 64.5 47.9 71.9

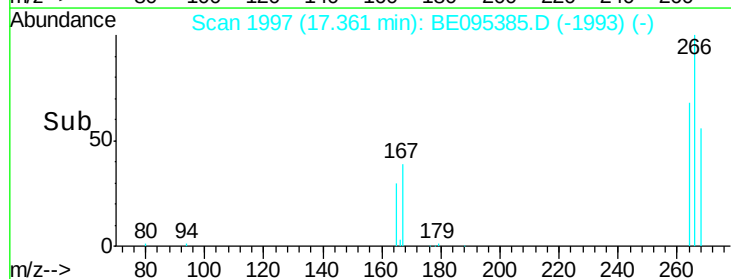
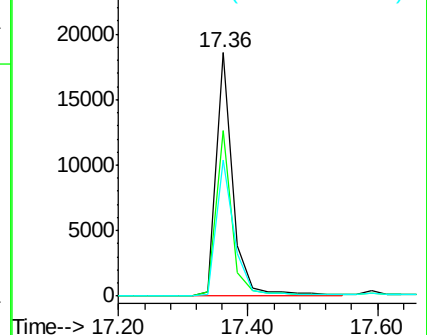
268 61.1 49.8 74.8

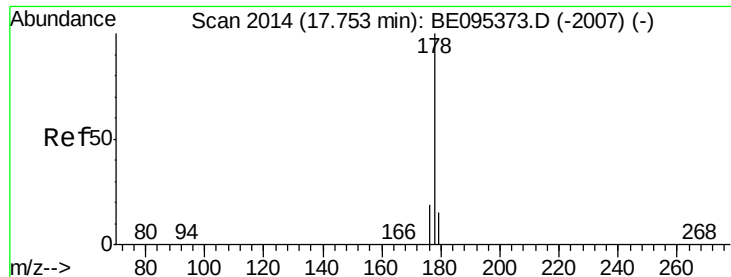


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

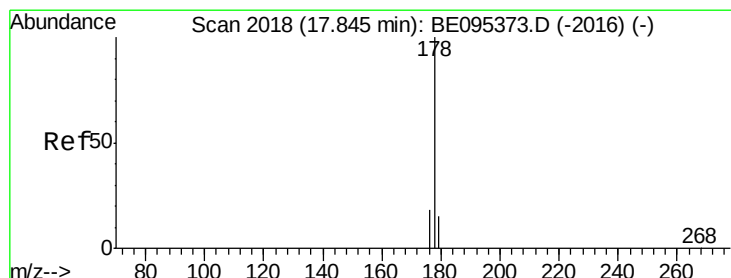
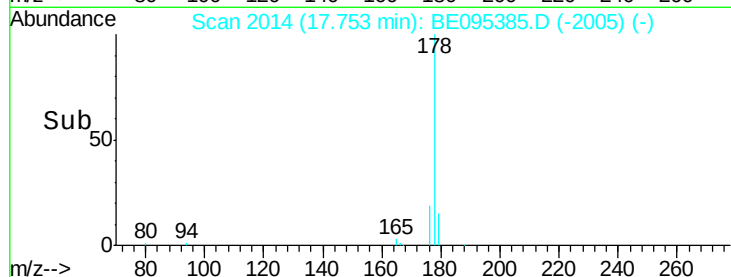
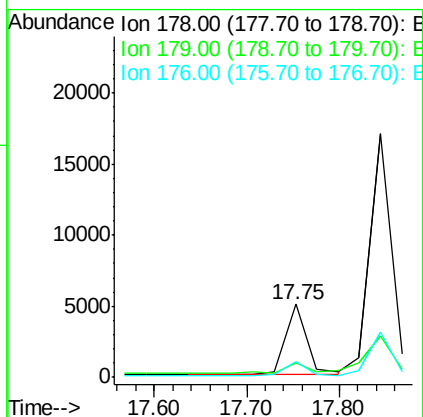
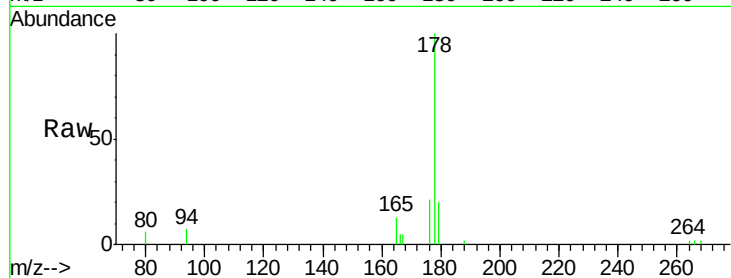




#12
Phenanthrene
Concen: 0.245 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

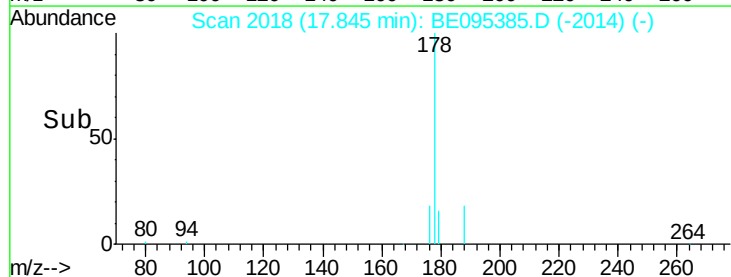
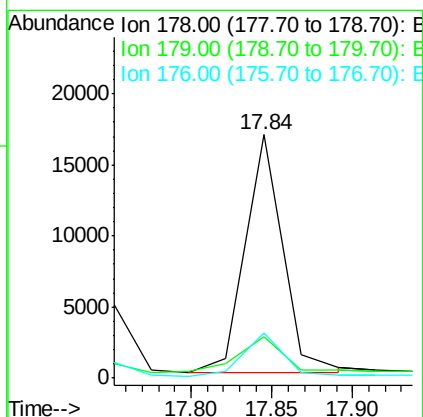
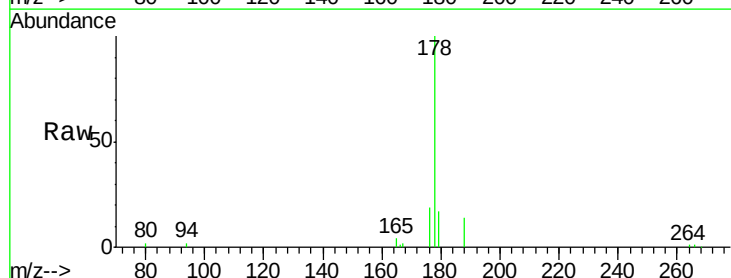
Instrument :
BNA_E
ClientSampleId :

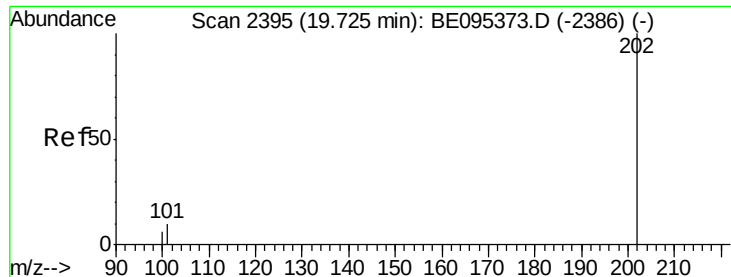
Tot Ion:178 Resp: 7891
Ion Ratio Lower Upper
178 100
179 19.8 18.4 27.6
176 20.9 13.6 20.4#



#13
Anthracene
Concen: 0.913 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Tgt Ion:178 Resp: 26939
Ion Ratio Lower Upper
178 100
179 16.8 18.1 27.1#
176 18.8 14.7 22.1





#15

Fluoranthene

Concen: 20.503 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

ClientSampleId :

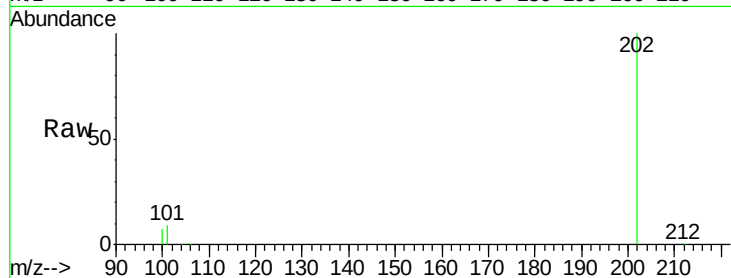
Tot Ion:202 Resp: 855992

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.3

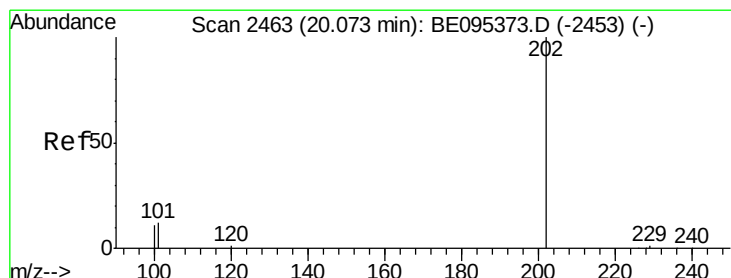
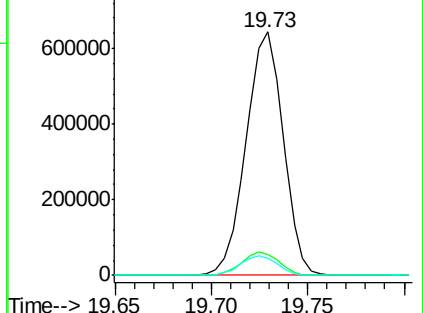
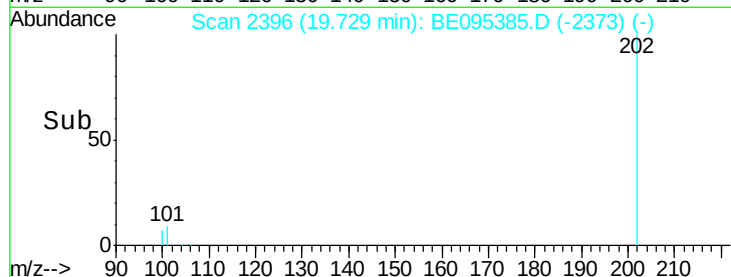
100 7.2 0.0 39.5



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: 34.951 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.01 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

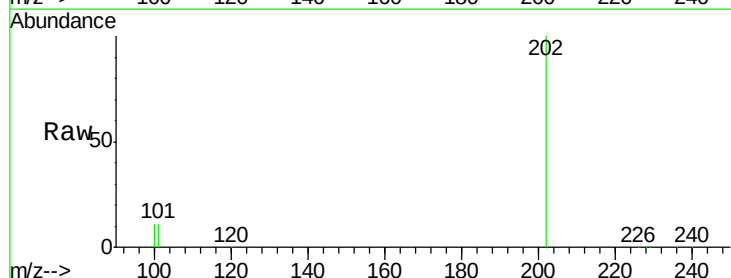
Tgt Ion:202 Resp: 1181945

Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

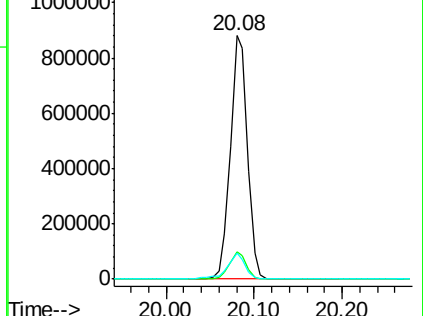
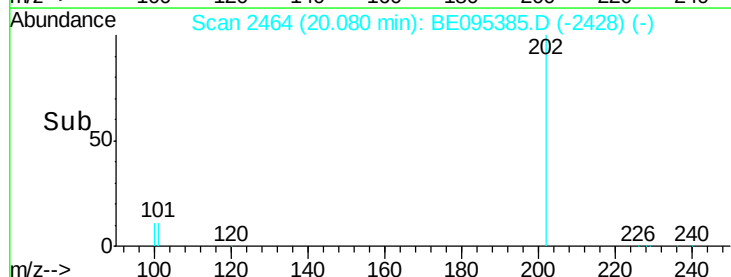
100 10.6 15.6 23.4#

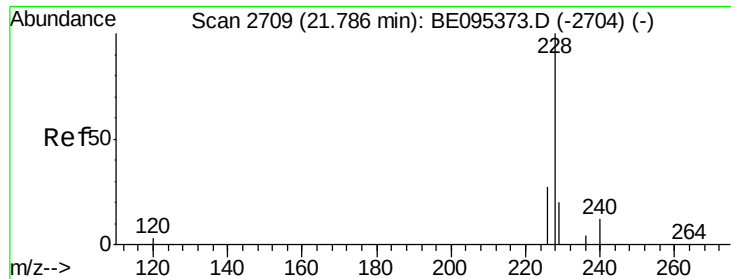


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 9.362 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

ClientSampled :

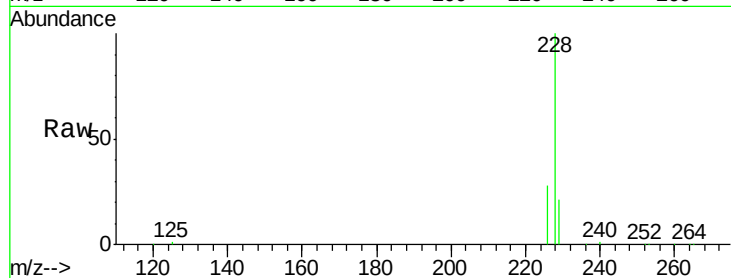
Tot Ion:228 Resp: 294985

Ion Ratio Lower Upper

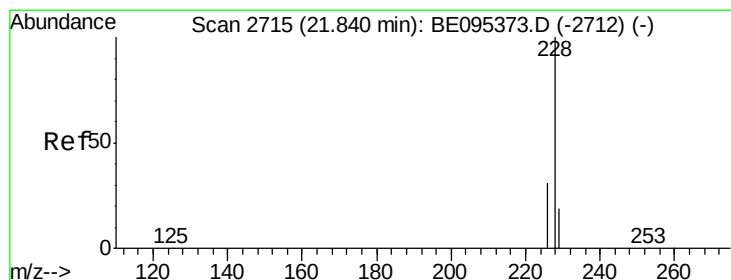
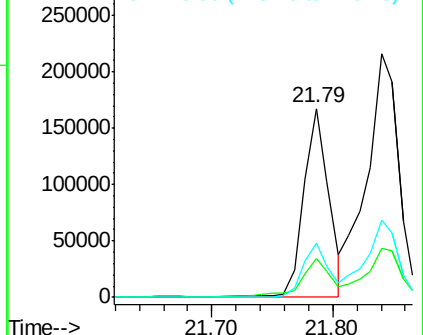
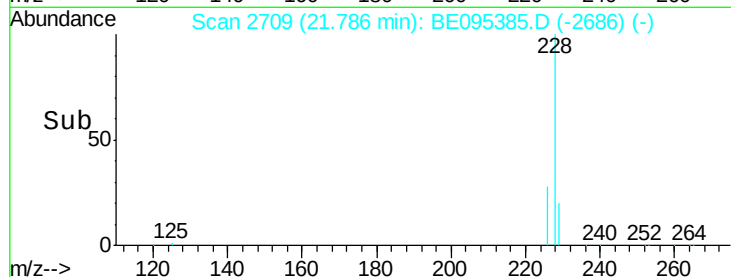
228 100

229 20.5 22.8 34.2#

226 28.3 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: 12.097 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

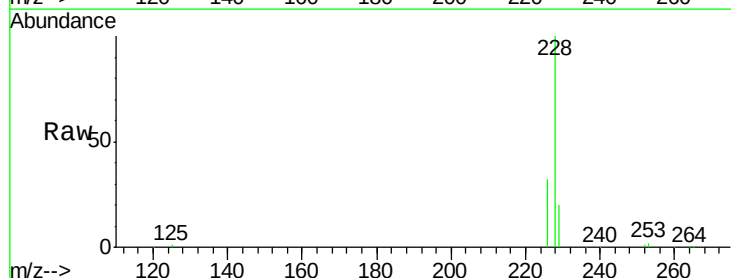
Tgt Ion:228 Resp: 395809

Ion Ratio Lower Upper

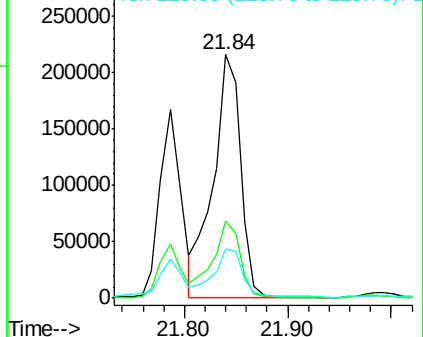
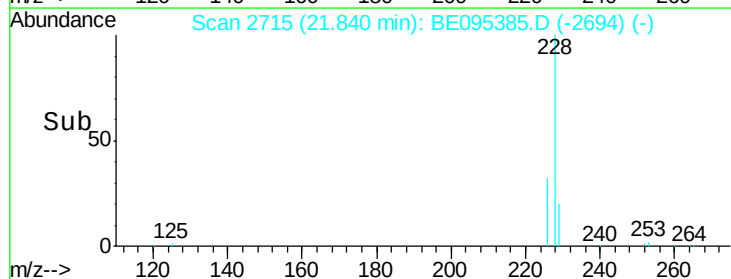
228 100

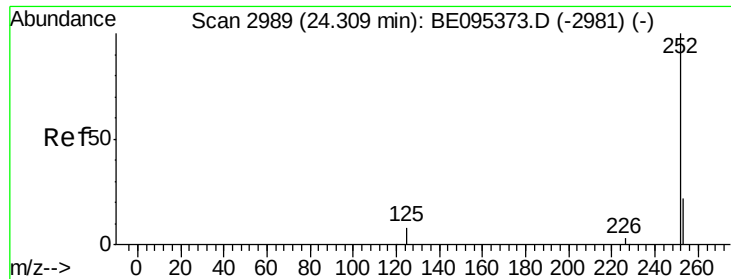
226 31.9 23.4 35.0

229 20.2 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: 0.106 ng/ul

RT: 24.21 min Scan# 2978

Delta R.T. -0.10 min

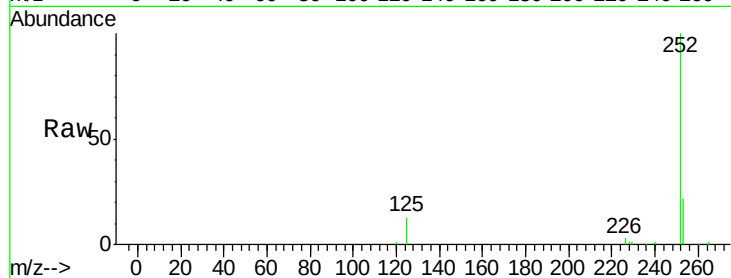
Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	149308
Ion Ratio	Lower	Upper	
252	100		
253	22.3	28.5	42.7#
125	13.0	18.1	27.1#

