

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094281.D
 Acq On : 11 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I5490-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:35:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

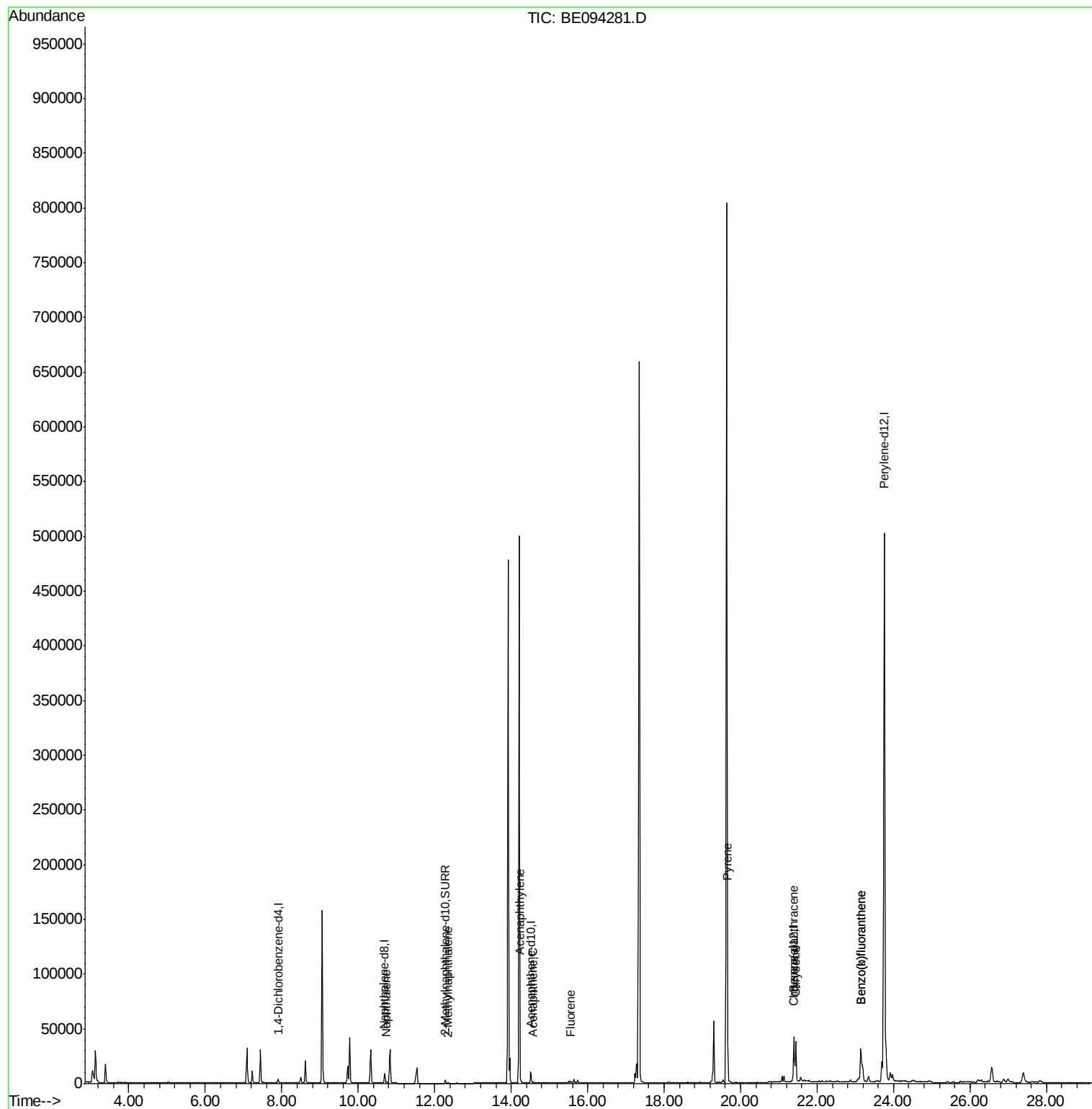
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9229	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5541	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.41	240	11759	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	706024	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4311	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10776	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2182	0.097	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	776	0.053	ng/ul	97
7) Acenaphthylene	14.24	152	1995	0.092	ng/ul	94
8) Acenaphthene	14.57	153	832	0.047	ng/ul	97
9) Fluorene	15.56	166	1071	0.051	ng/ul#	91
17) Pyrene	19.66	202	66184	2.023	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	37744	1.210	ng/ul#	86
19) Chrysene	21.45	228	38966	1.082	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	50750	0.026	ng/ul	87
22) Benzo(k)fluoranthene	23.14	252	47703	0.022	ng/ul#	89

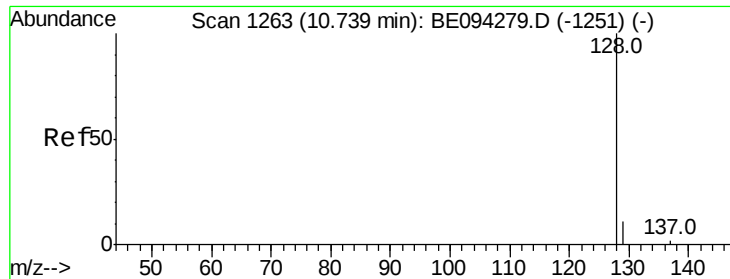
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.097 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

ClientSampleId :

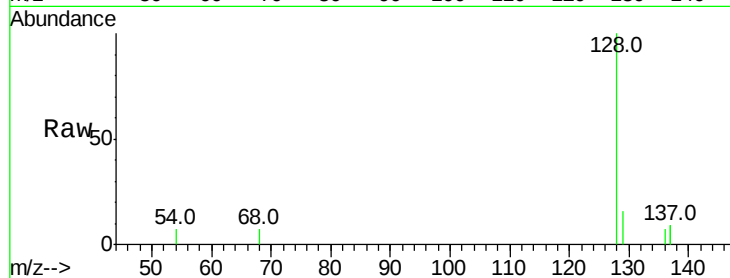
Tot Ion:128 Resp: 2182

Ion Ratio Lower Upper

128 100

129 16.1 11.3 16.9

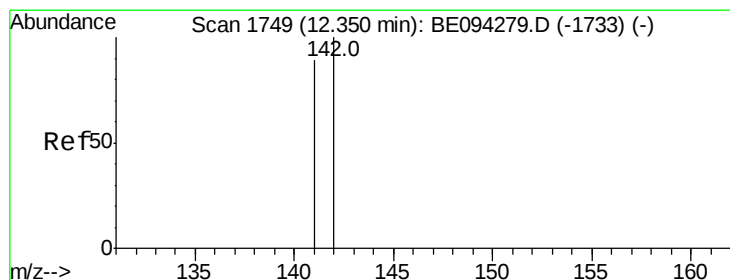
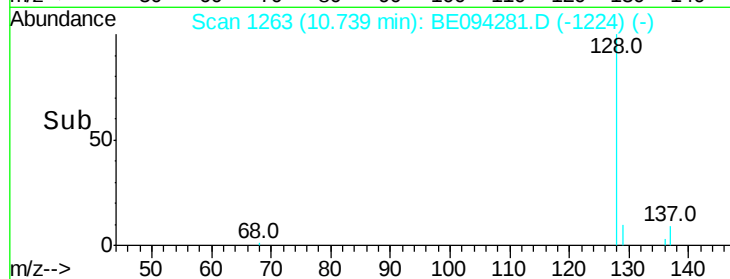
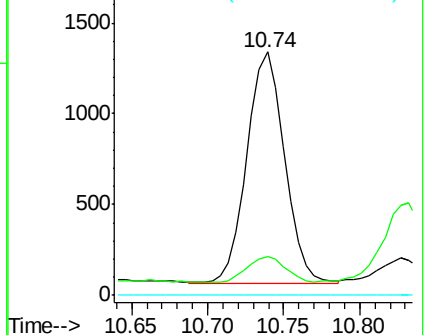
127 0.0 4.0 6.0#



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: 0.053 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BE094281.D

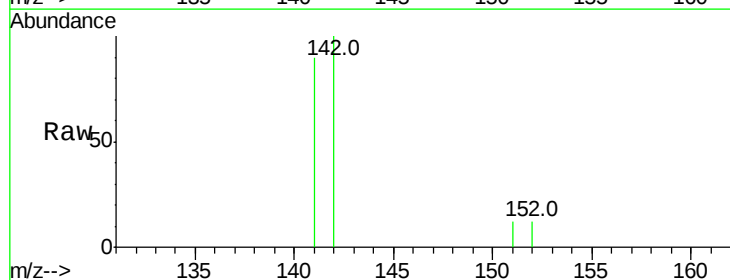
Acq: 11 Oct 2017 16:07

Tgt Ion:142 Resp: 776

Ion Ratio Lower Upper

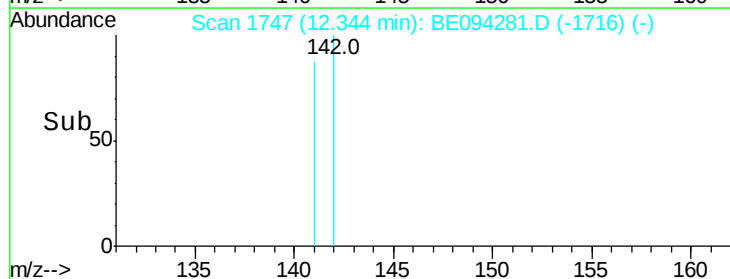
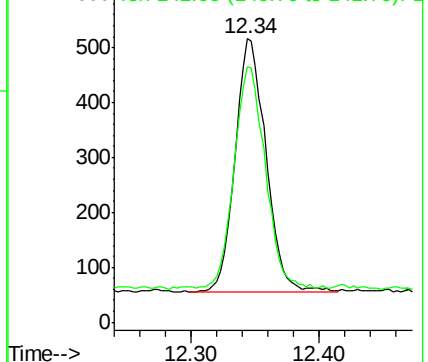
142 100

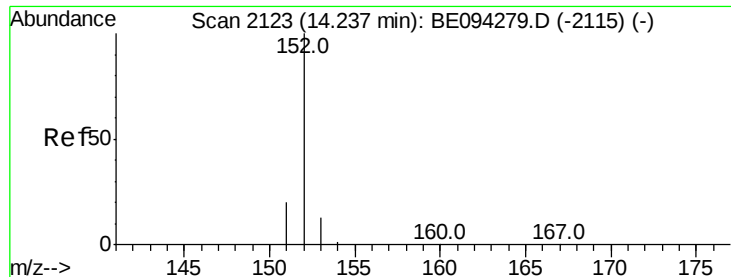
141 88.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

ClientSampleId :

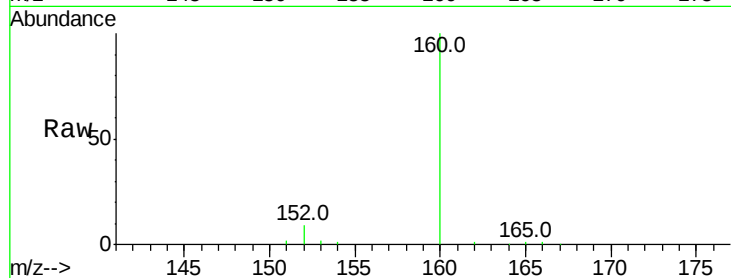
Tot Ion:152 Resp: 1995

Ion Ratio Lower Upper

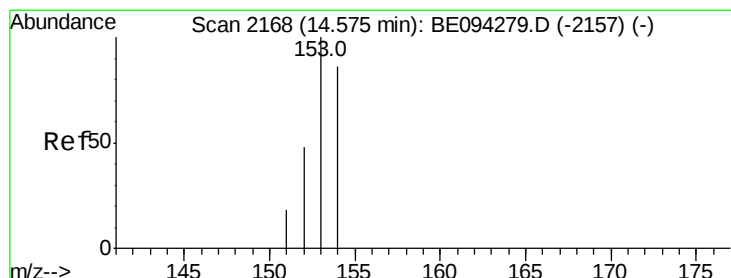
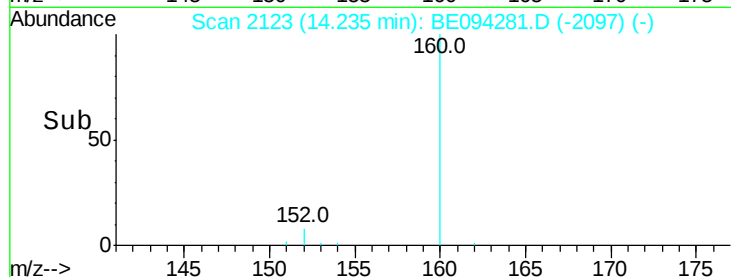
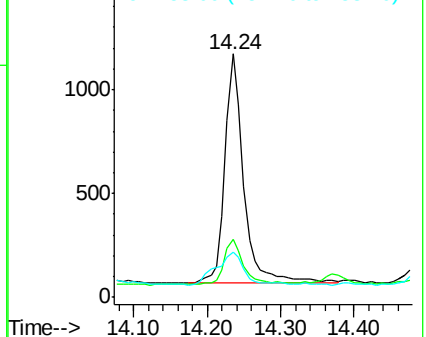
152 100

151 23.9 17.1 25.7

153 18.5 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: 0.047 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

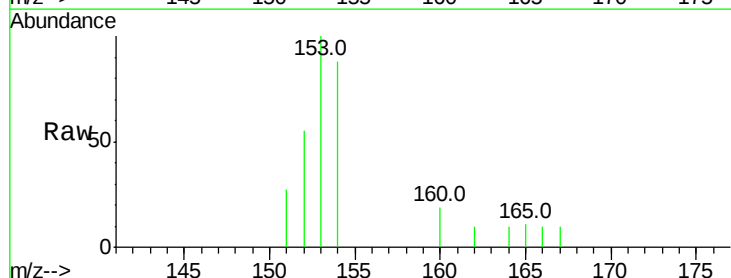
Tgt Ion:153 Resp: 832

Ion Ratio Lower Upper

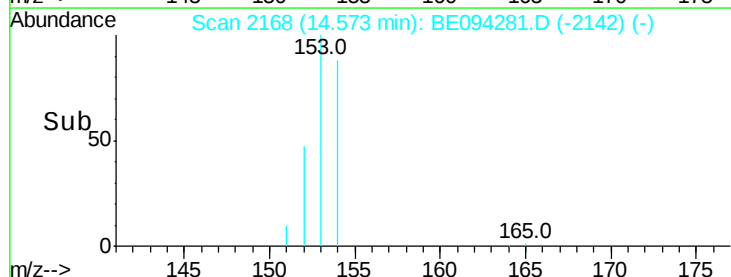
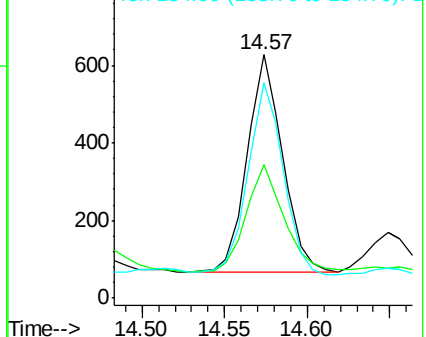
153 100

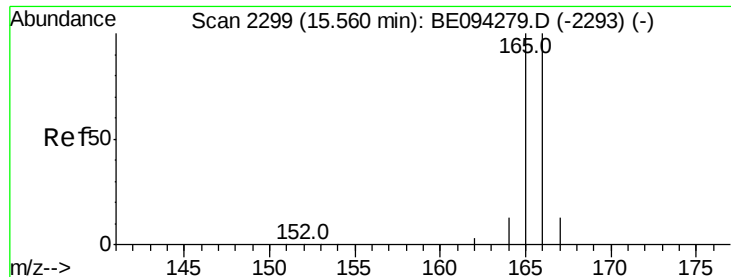
152 54.6 40.3 60.5

154 88.4 71.4 107.2



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: 0.051 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

ClientSampleId :

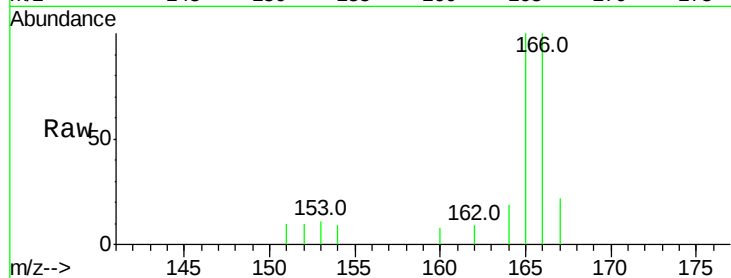
Tot Ion:166 Resp: 1071

Ion Ratio Lower Upper

166 100

165 100.5 73.4 110.2

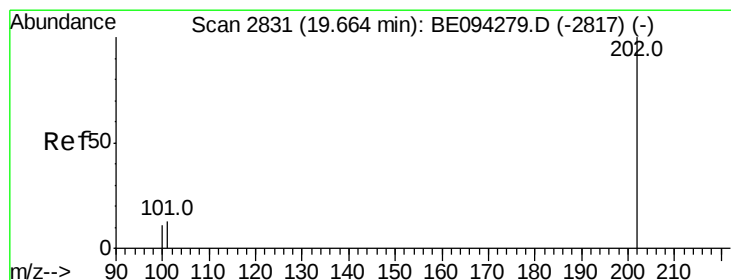
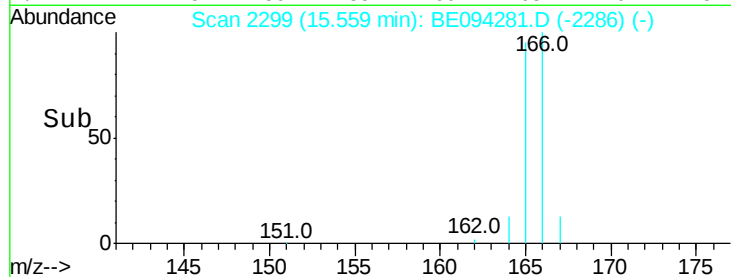
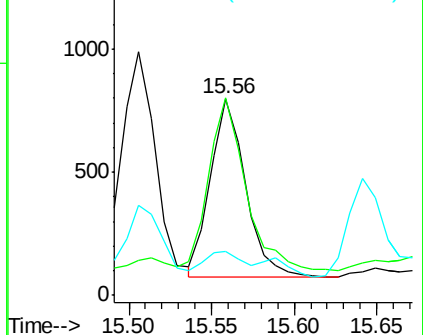
167 22.3 14.6 22.0#



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



#17

Pyrene

Concen: 2.023 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

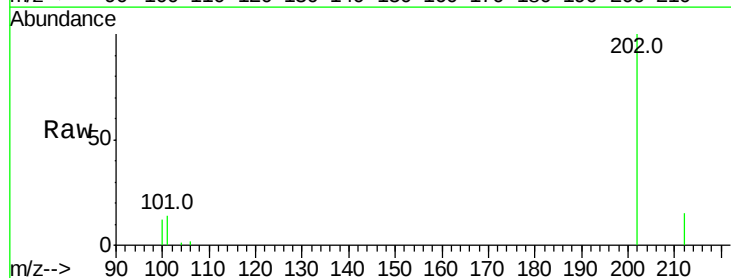
Tgt Ion:202 Resp: 66184

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

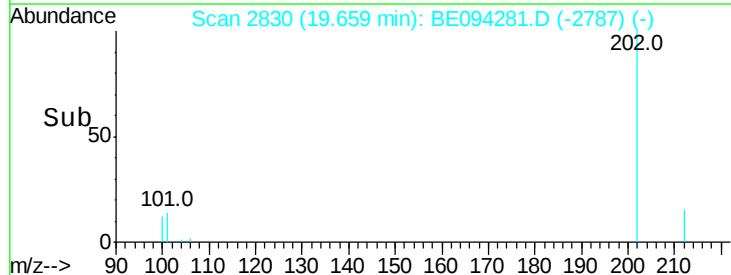
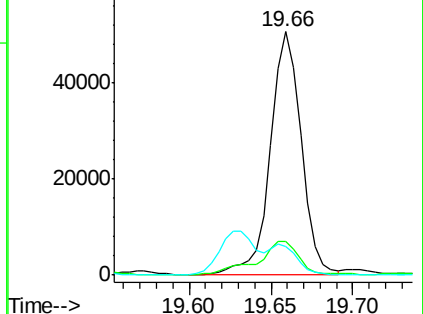
100 11.9 15.6 23.4#

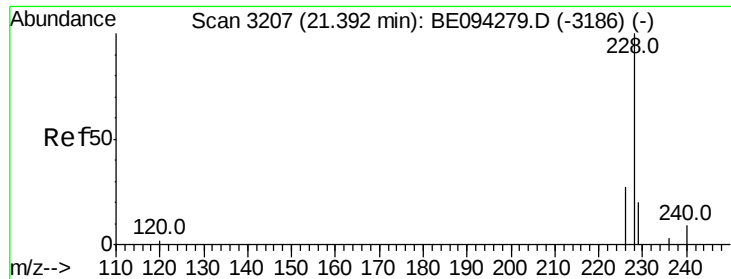


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

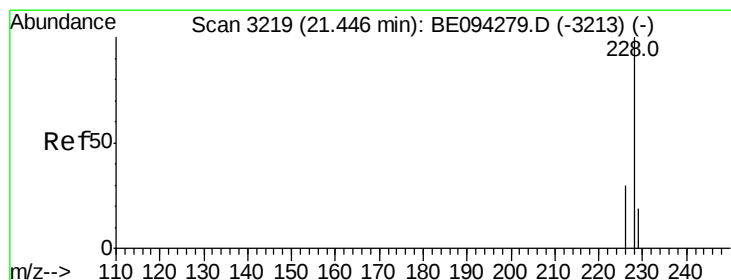
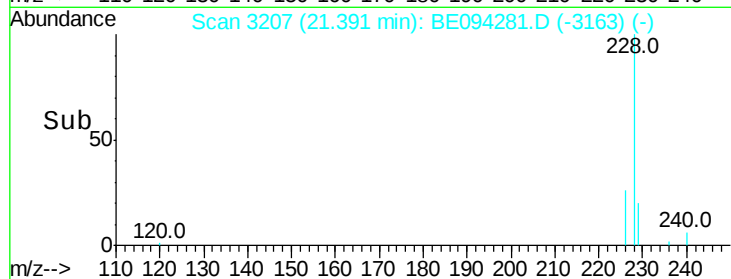
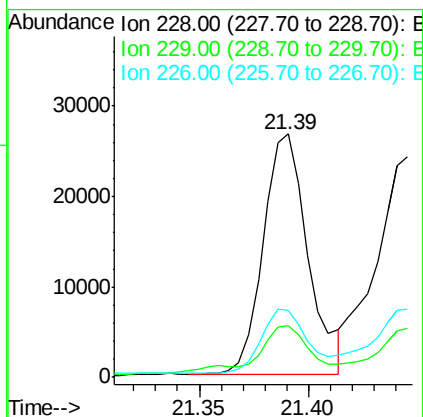
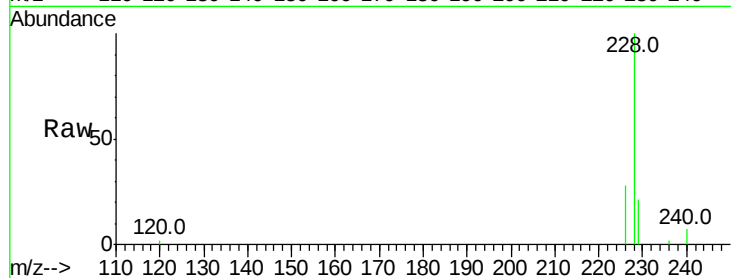




#18
Benzo(a)anthracene
Concen: 1.210 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094281.D
Acq: 11 Oct 2017 16:07

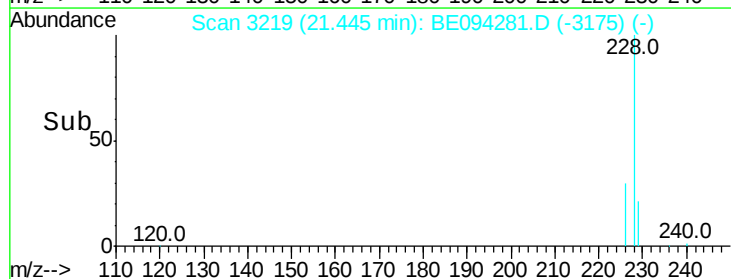
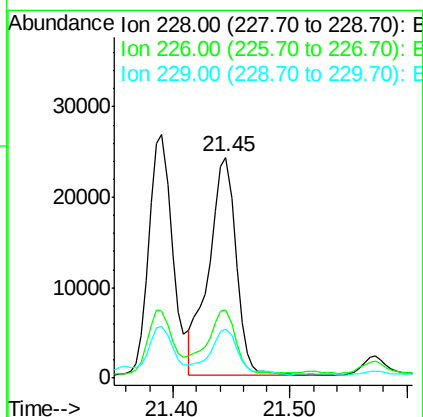
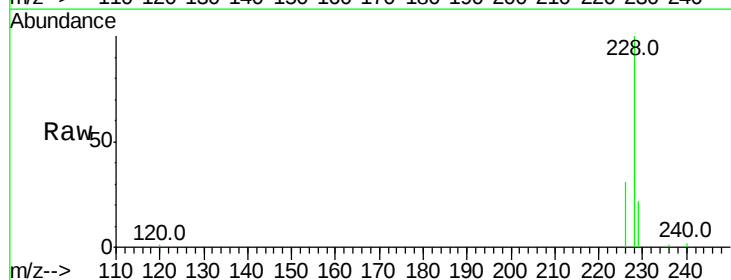
Instrument :
BNA_E
ClientSampleId :

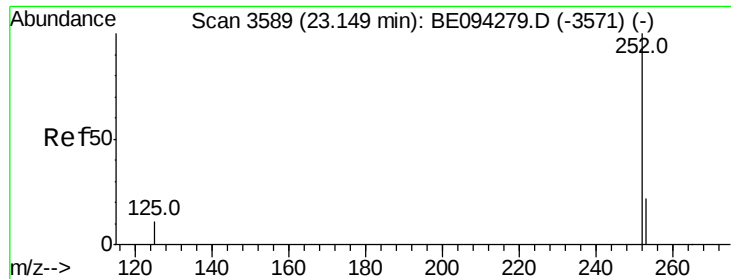
Tot Ion:228 Resp: 37744
Ion Ratio Lower Upper
228 100
229 21.2 22.8 34.2#
226 27.6 17.0 25.6#



#19
Chrysene
Concen: 1.082 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE094281.D
Acq: 11 Oct 2017 16:07

Tgt Ion:228 Resp: 38966
Ion Ratio Lower Upper
228 100
226 31.2 23.4 35.0
229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.026 ng/u1

RT: 23.14 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

ClientSampleId :

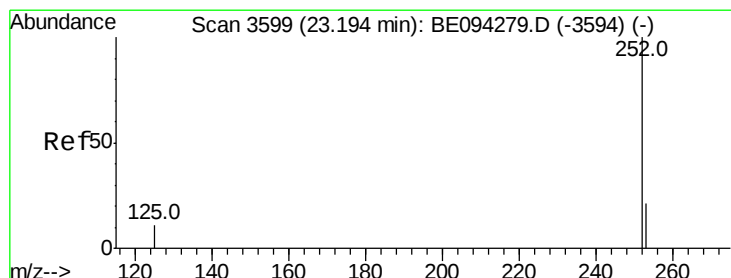
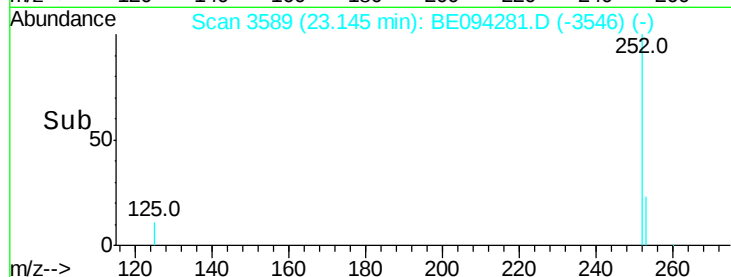
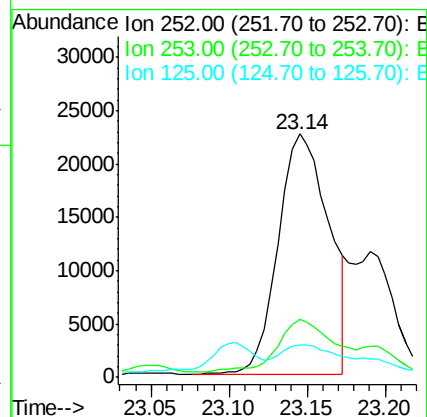
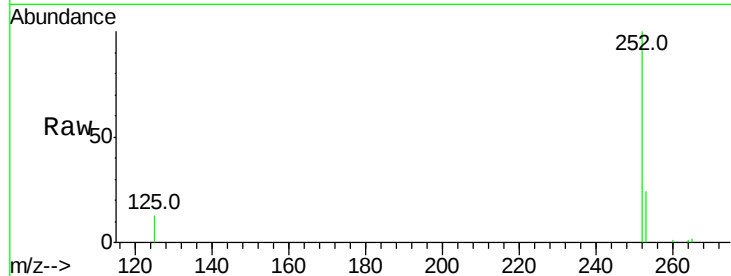
Tot Ion:252 Resp: 50750

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

125 13.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.022 ng/u1

RT: 23.14 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:252 Resp: 47703

Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

125 13.5 13.7 20.5#

