

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094305.D
 Acq On : 12 Oct 2017 6:56
 Operator : SJ/JU
 Sample : I5550-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 08:59:38 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 08:55:52 2017
 Response via : Initial Calibration

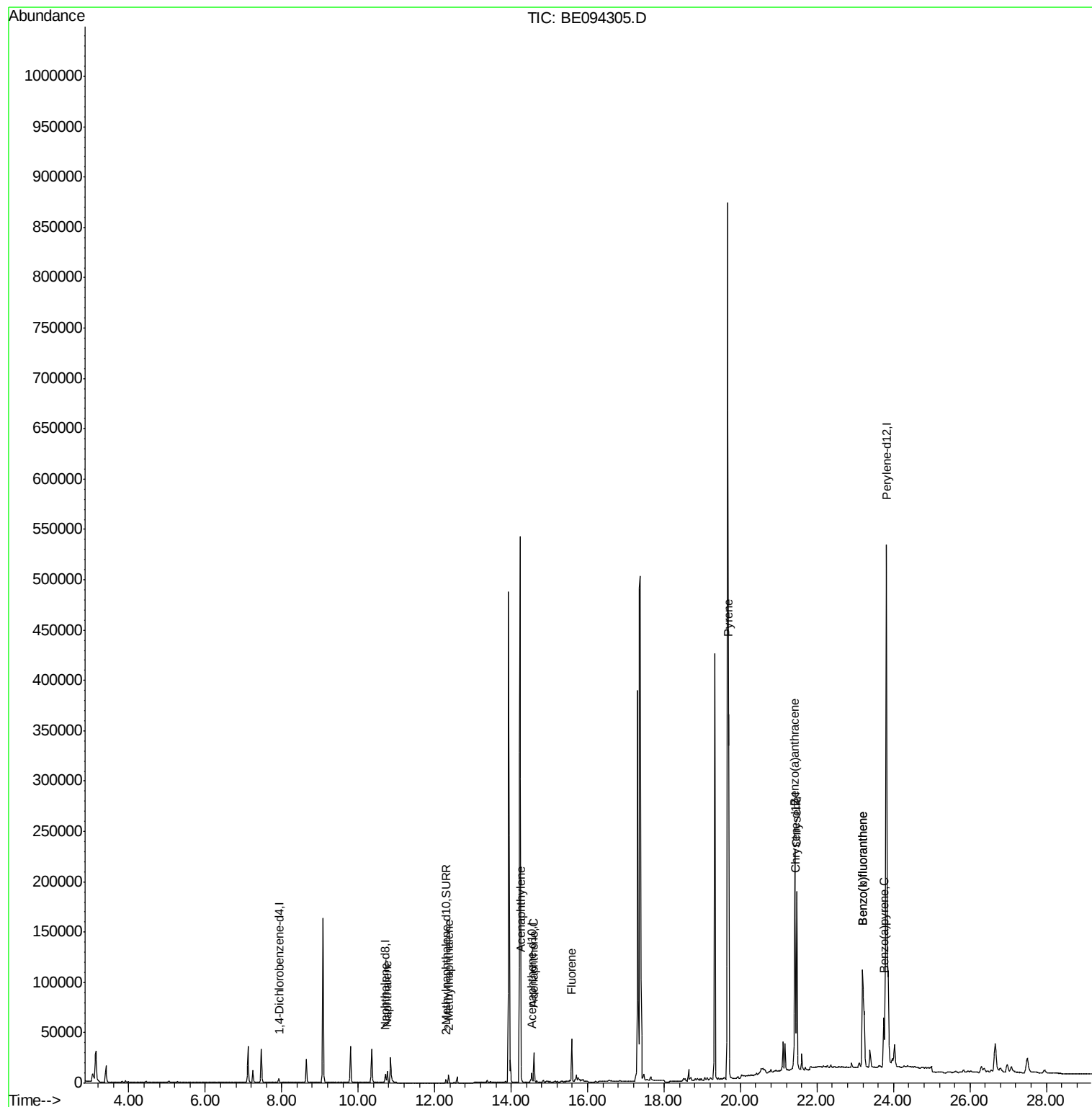
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5257	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.44	240	9687	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	816427	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4809	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	11534	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	17223	0.773	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	6875	0.476	ng/ul	98
7) Acenaphthylene	14.26	152	2299	0.112	ng/ul#	81
8) Acenaphthene	14.60	153	17188	1.019	ng/ul	99
9) Fluorene	15.58	166	25999	1.316	ng/ul	92
17) Pyrene	19.69	202	408274	15.148	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	209108	8.137	ng/ul#	86
19) Chrysene	21.47	228	178180	6.004	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	166340	0.075	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	166340	0.065	ng/ul	92
23) Benzo(a)pyrene	23.75	252	84439	0.037	ng/ul#	86

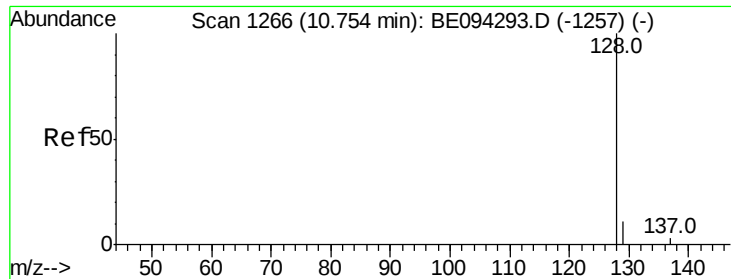
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.773 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

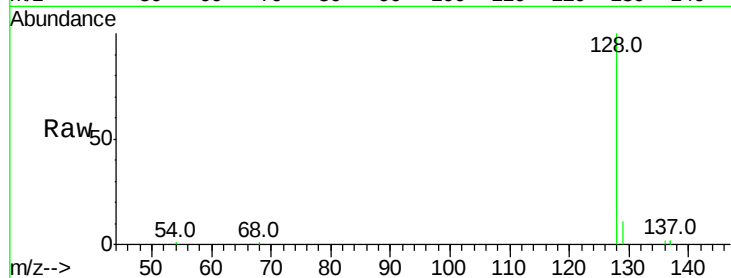
Tot Ion:128 Resp: 17223

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

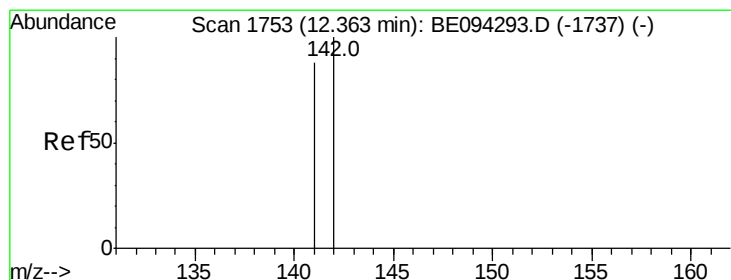
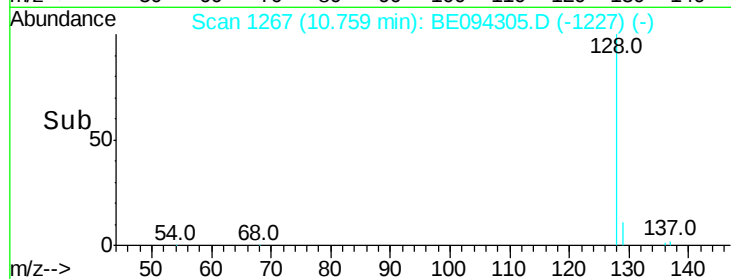
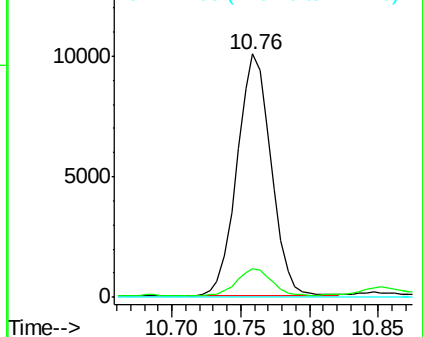
127 0.0 4.0 6.0#



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: 0.476 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BE094305.D

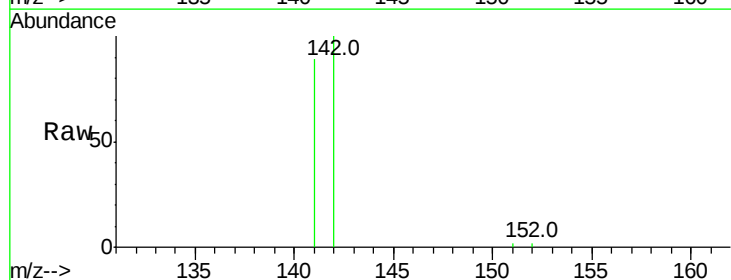
Acq: 12 Oct 2017 6:56

Tgt Ion:142 Resp: 6875

Ion Ratio Lower Upper

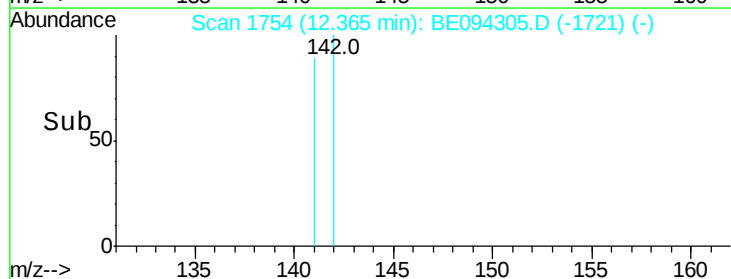
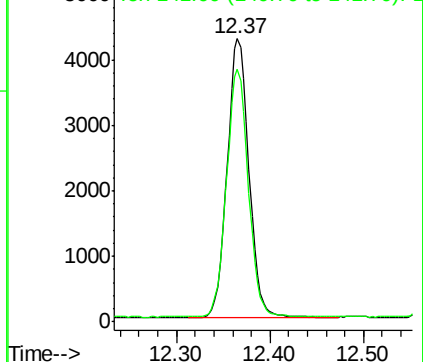
142 100

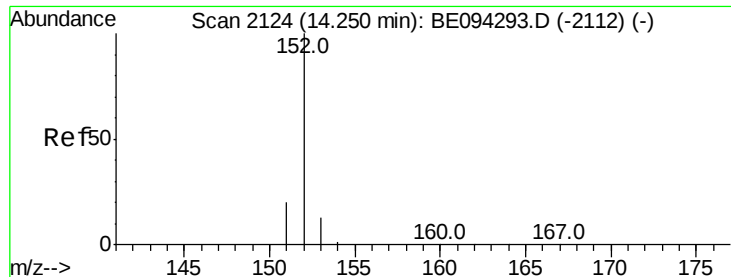
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.112 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

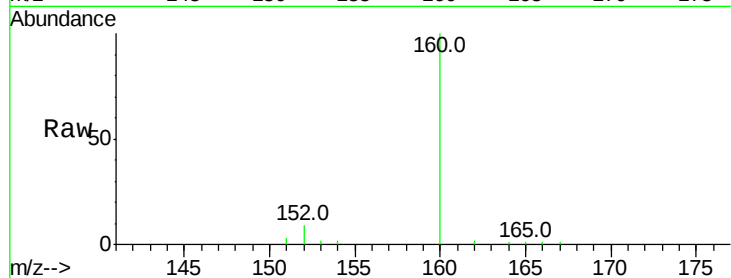
Tot Ion:152 Resp: 2299

Ion Ratio Lower Upper

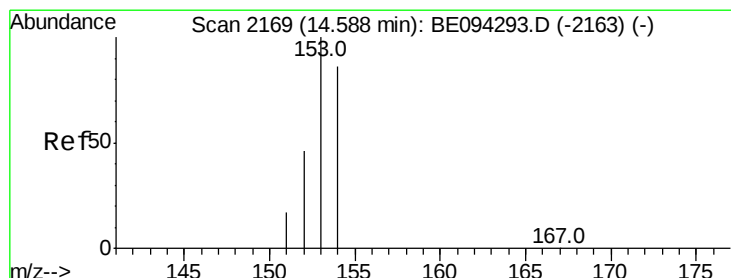
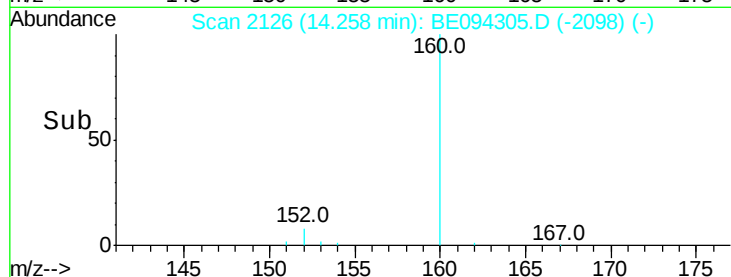
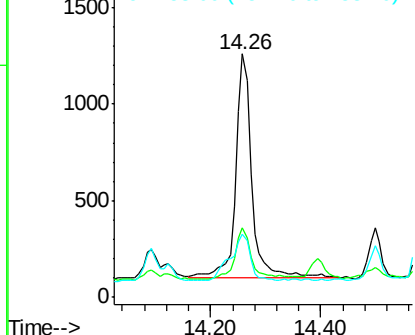
152 100

151 28.5 17.1 25.7#

153 26.1 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: 1.019 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

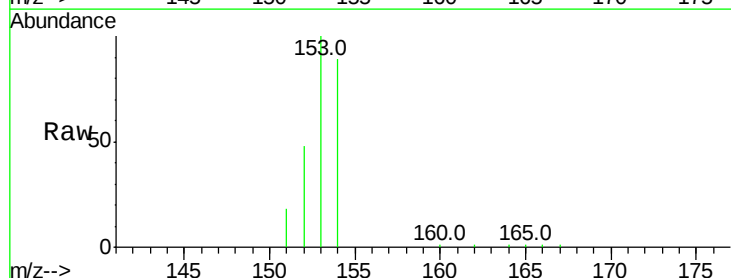
Tgt Ion:153 Resp: 17188

Ion Ratio Lower Upper

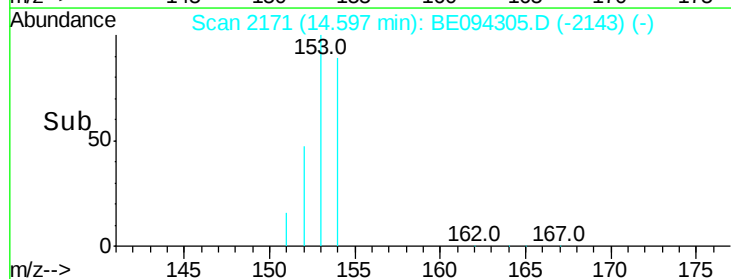
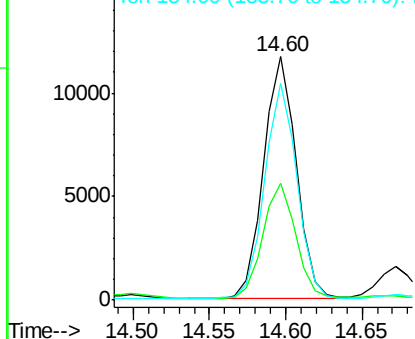
153 100

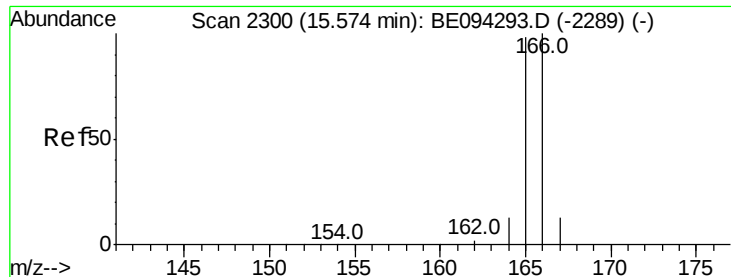
152 48.0 40.3 60.5

154 89.1 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: 1.316 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

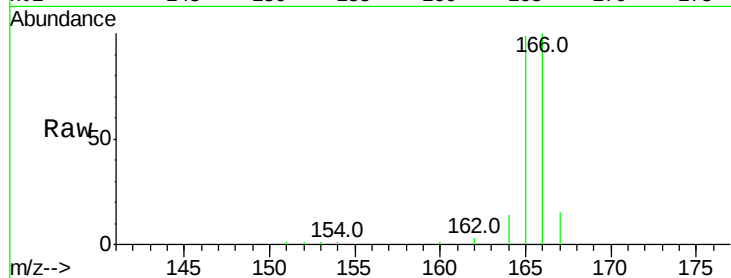
Tot Ion:166 Resp: 25999

Ion Ratio Lower Upper

166 100

165 99.1 73.4 110.2

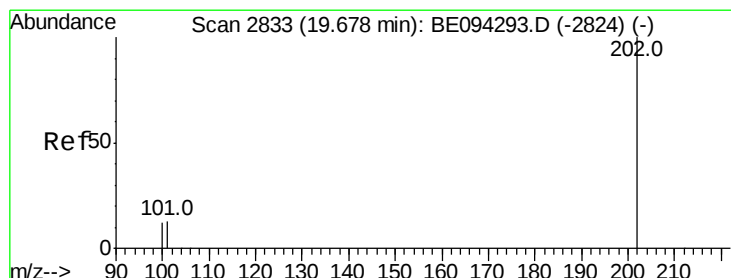
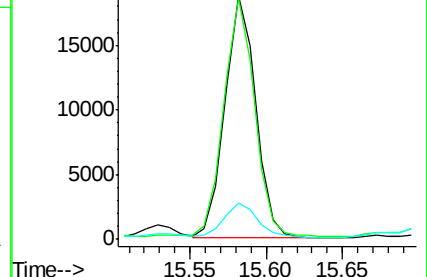
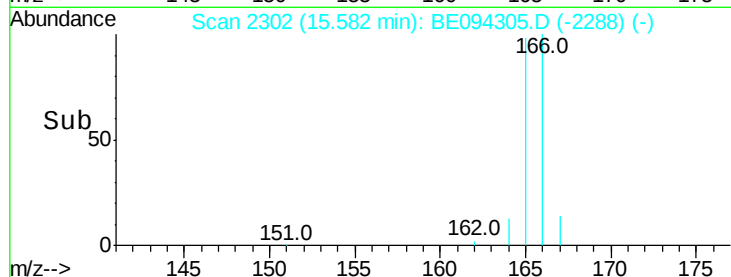
167 14.7 14.6 22.0



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: 15.148 ng/ul

RT: 19.69 min Scan# 2836

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

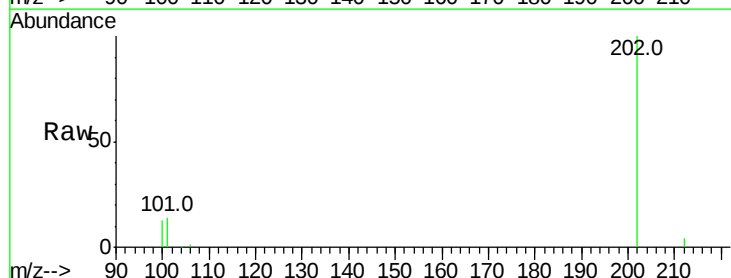
Tgt Ion:202 Resp: 408274

Ion Ratio Lower Upper

202 100

101 14.4 18.2 27.4#

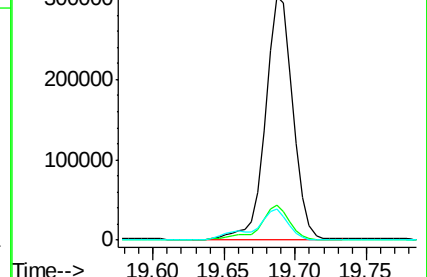
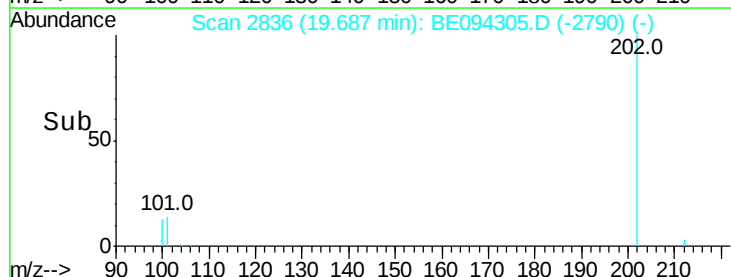
100 12.6 15.6 23.4#

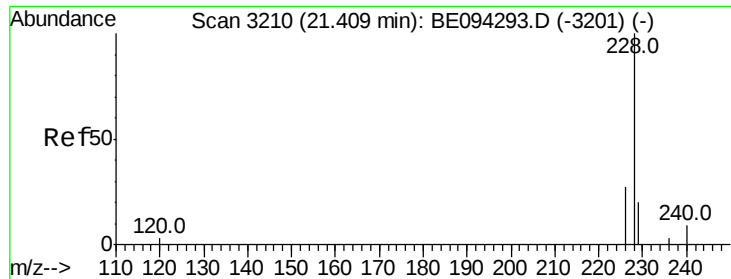


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 8.137 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

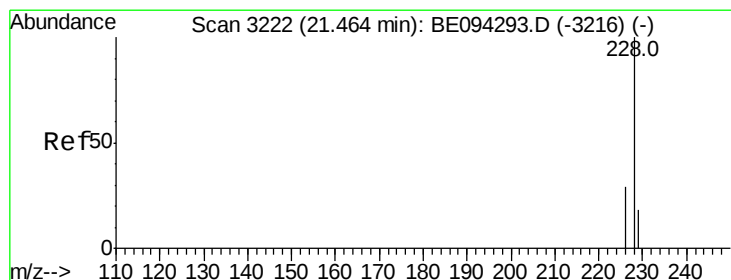
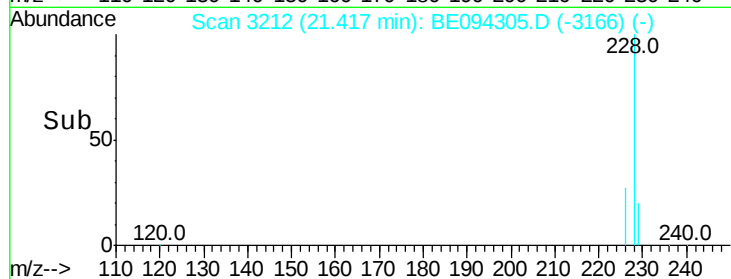
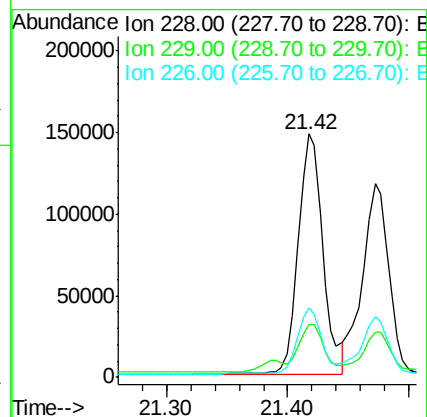
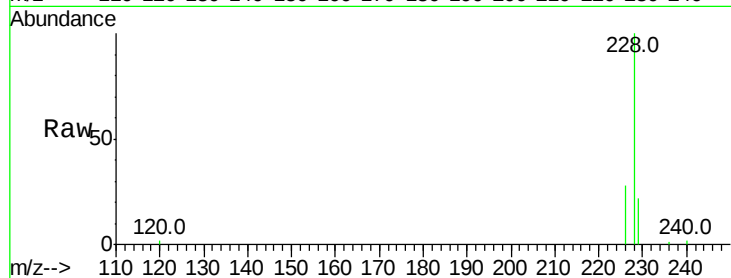
Tot Ion:228 Resp: 209108

Ion Ratio Lower Upper

228 100

229 21.8 22.8 34.2#

226 28.5 17.0 25.6#



#19

Chrysene

Concen: 6.004 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

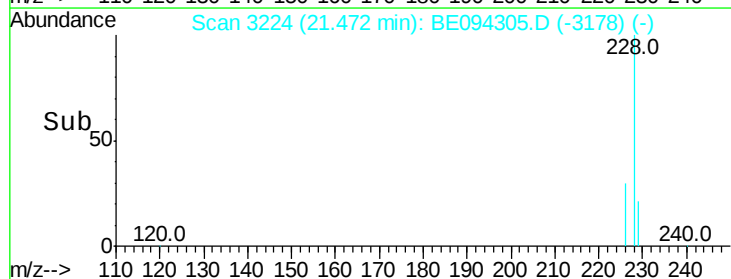
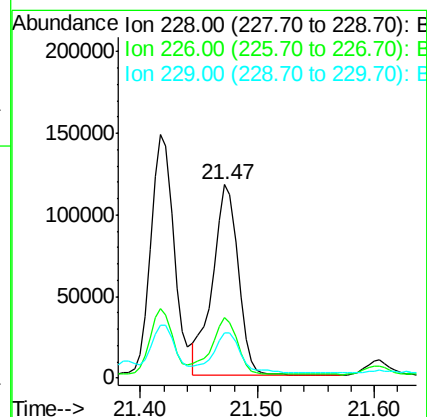
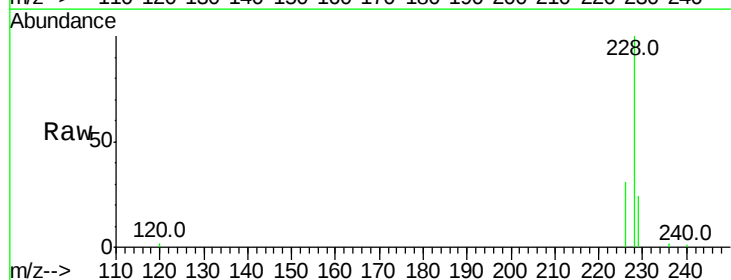
Tgt Ion:228 Resp: 178180

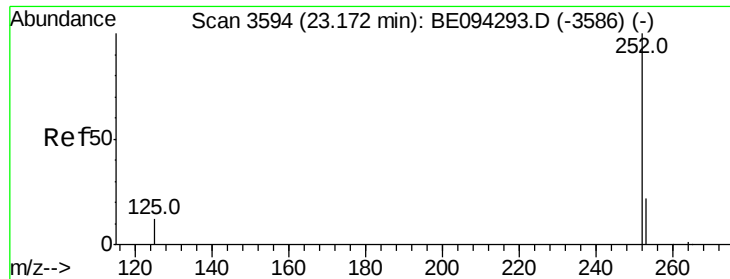
Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

229 23.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.075 ng/u1

RT: 23.19 min Scan# 3599

Delta R.T. 0.02 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

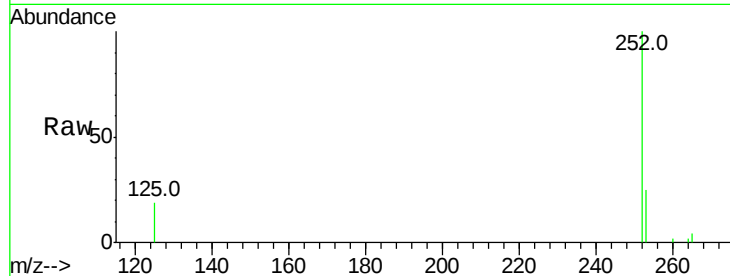
Tot Ion:252 Resp: 166340

Ion Ratio Lower Upper

252 100

253 25.1 0.0 64.2

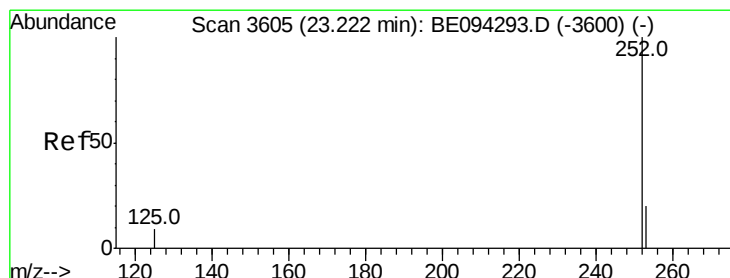
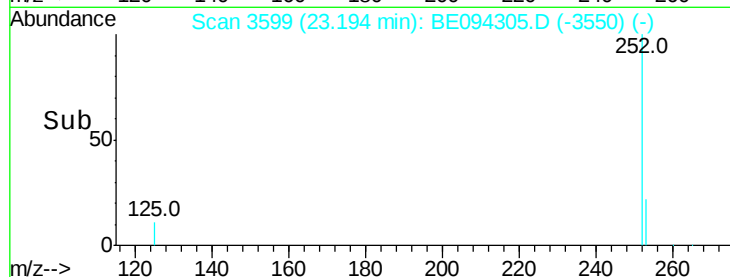
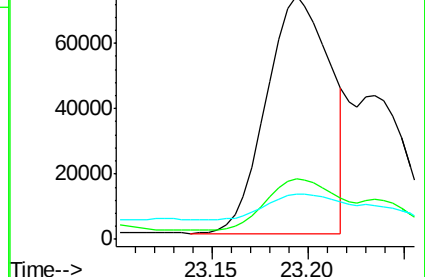
125 18.7 0.0 35.0



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: 0.065 ng/u1

RT: 23.19 min Scan# 3599

Delta R.T. -0.03 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

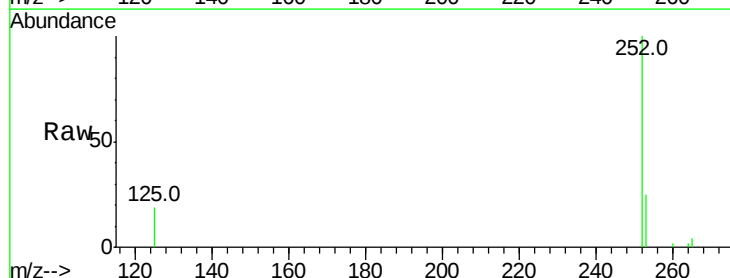
Tgt Ion:252 Resp: 166340

Ion Ratio Lower Upper

252 100

253 25.1 24.5 36.7

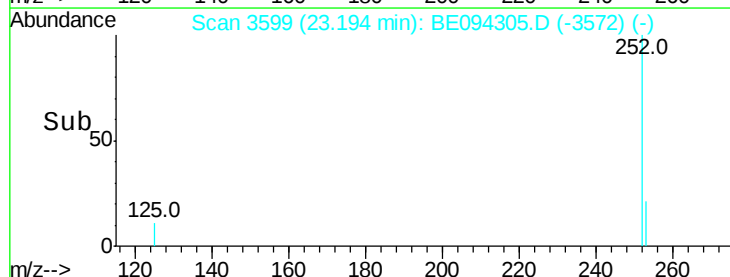
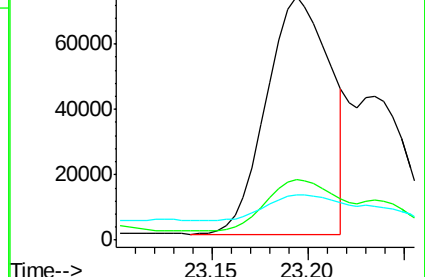
125 18.7 13.7 20.5

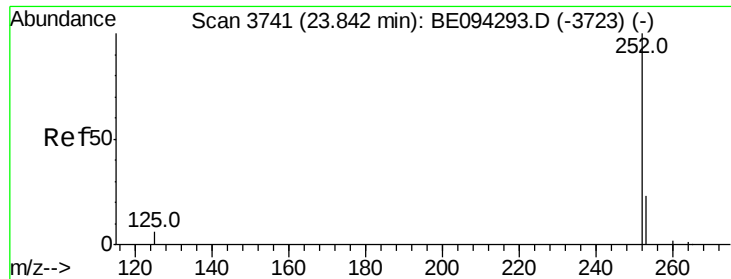


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.037 ng/ul

RT: 23.75 min Scan# 3721

Delta R.T. -0.09 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 84439

Ion Ratio Lower Upper

252 100

253 27.4 28.5 42.7#

125 29.5 18.1 27.1#

