

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093825.D
 Acq On : 16 Aug 2017 2:00
 Operator : SJ/JU
 Sample : I4672-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG9

Quant Time: Aug 16 07:38:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

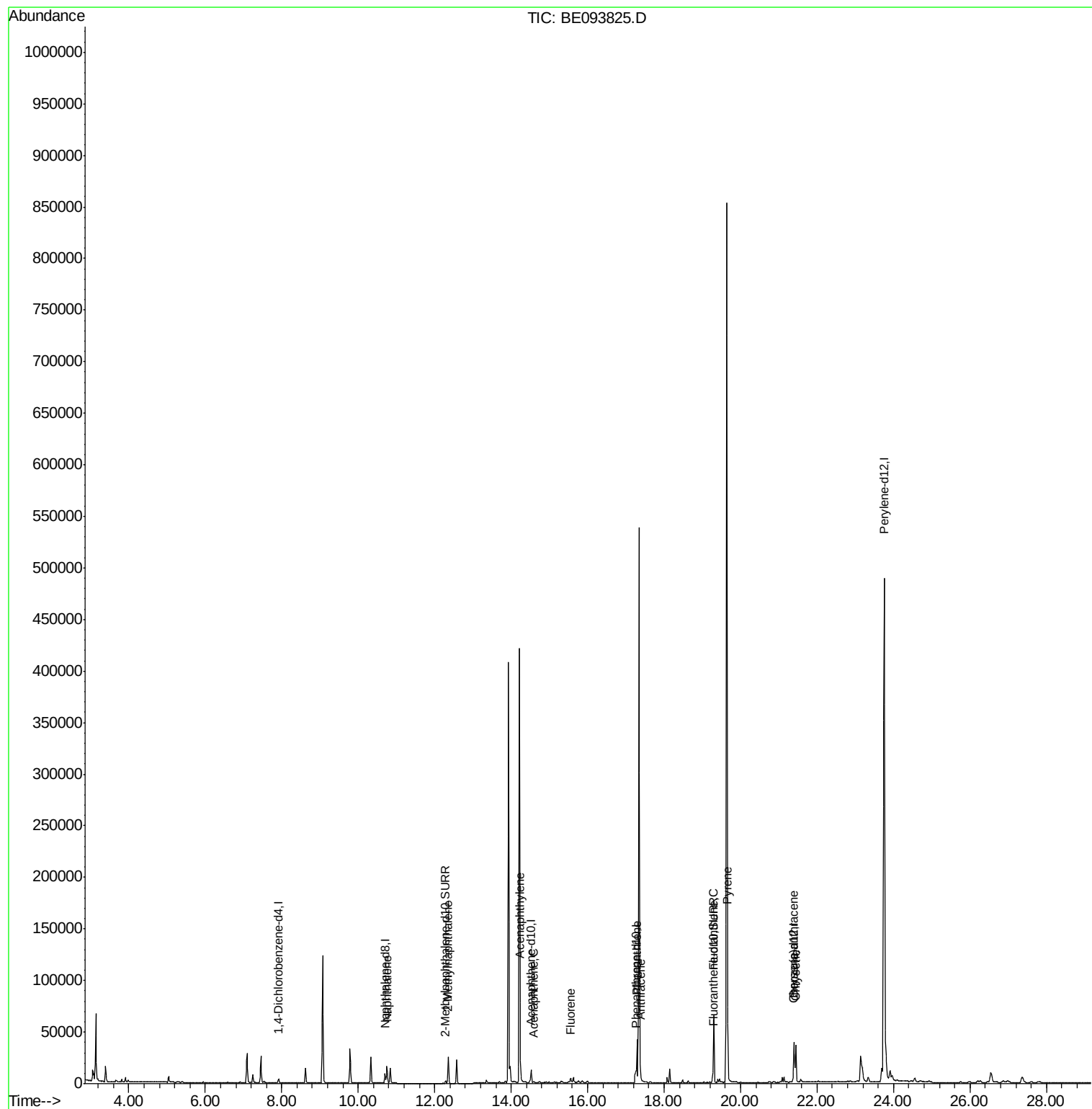
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10647	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14620	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15615	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	741168	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3677	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10534	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	25150	0.971	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	22854	1.210	ng/ul	99
7) Acenaphthylene	14.24	152	4038	0.145	ng/ul#	87
8) Acenaphthene	14.59	153	800	0.036	ng/ul#	88
9) Fluorene	15.57	166	999	0.036	ng/ul#	76
12) Phenanthrene	17.29	178	46692	1.173	ng/ul#	90
13) Anthracene	17.38	178	6687	0.172	ng/ul	93
15) Fluoranthene	19.30	202	72903	1.464	ng/ul	84
17) Pyrene	19.66	202	66048	1.449	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	33969	0.750	ng/ul#	86
19) Chrysene	21.45	228	38401	0.884	ng/ul	97

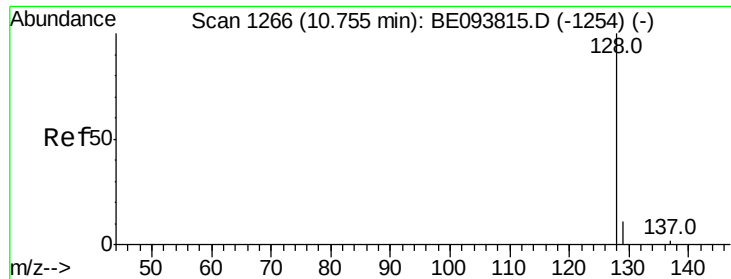
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.971 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

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ClientSampleId :

C0AG9

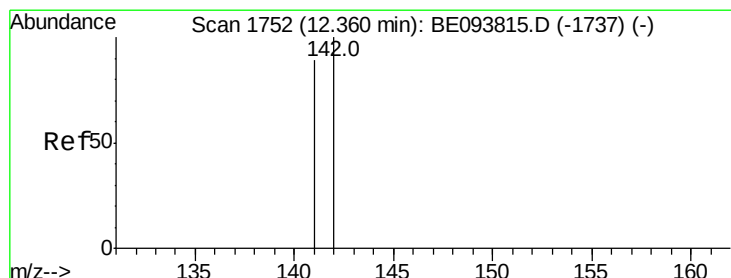
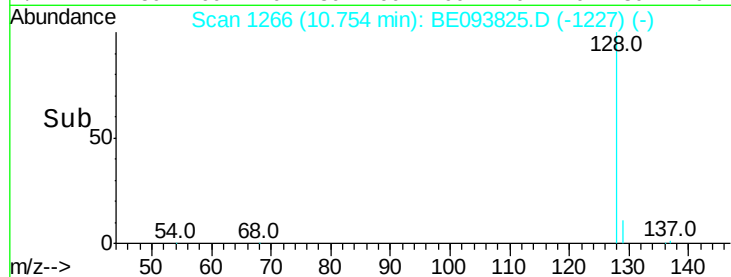
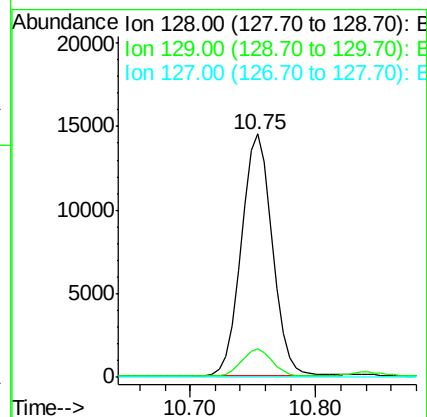
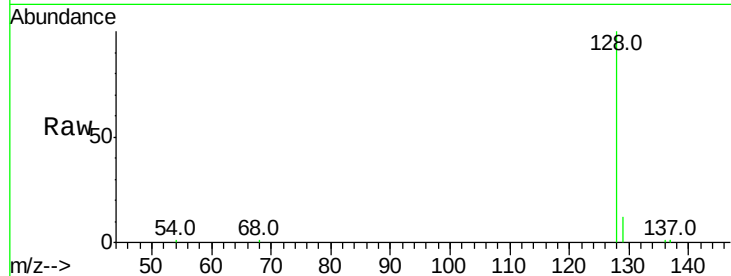
Tot Ion:128 Resp: 25150

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 1.210 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093825.D

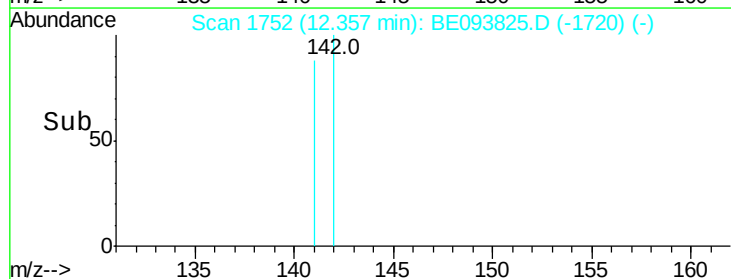
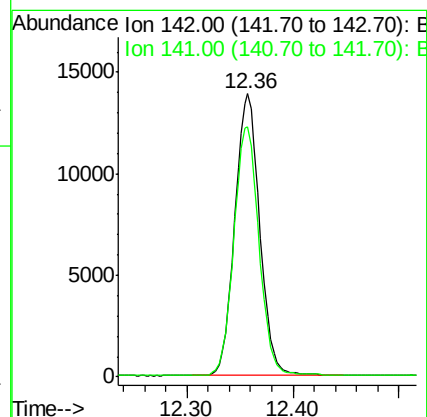
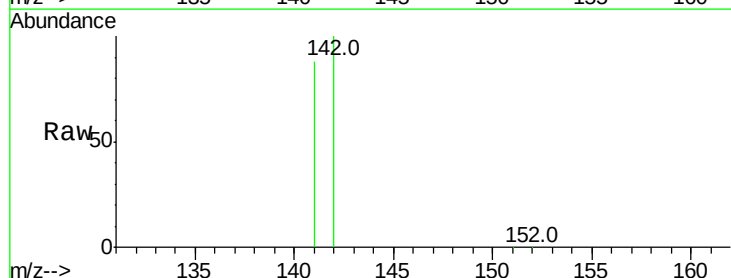
Acq: 16 Aug 2017 2:00

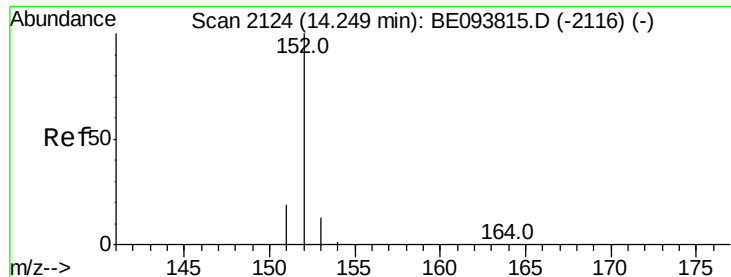
Tgt Ion:142 Resp: 22854

Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.145 ng/ul

RT: 14.24 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

ClientSampleId :

C0AG9

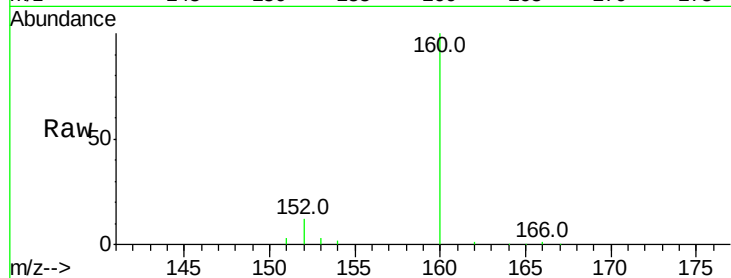
Tot Ion:152 Resp: 4038

Ion Ratio Lower Upper

152 100

151 23.0 17.1 25.7

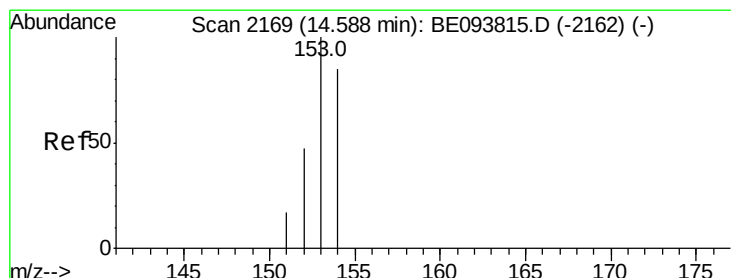
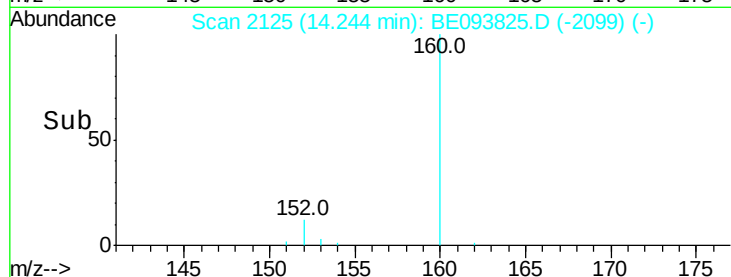
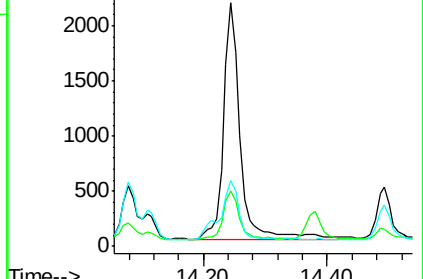
153 27.1 12.8 19.2#



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: 0.036 ng/ul

RT: 14.59 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

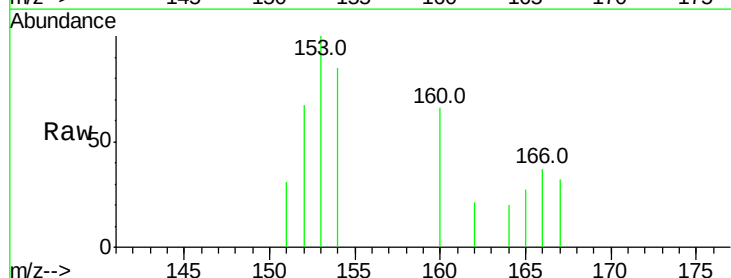
Tgt Ion:153 Resp: 800

Ion Ratio Lower Upper

153 100

152 66.8 40.3 60.5#

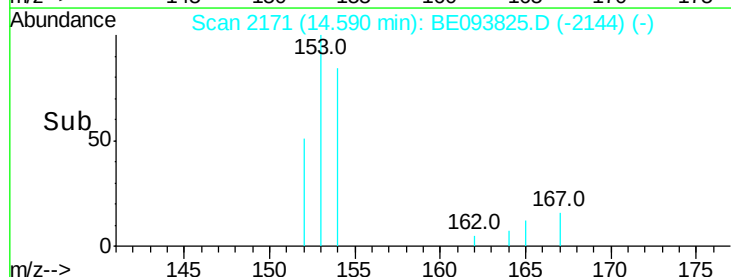
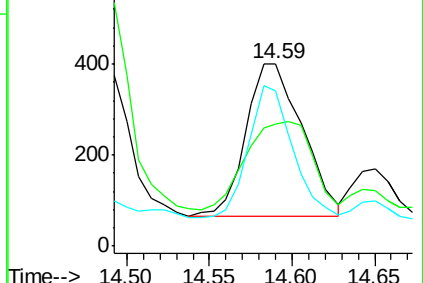
154 84.8 71.4 107.2

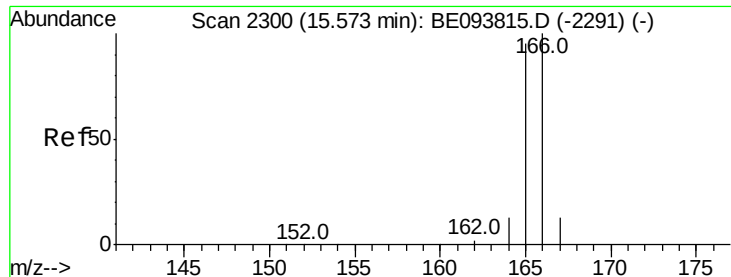


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.036 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

ClientSampleId :

C0AG9

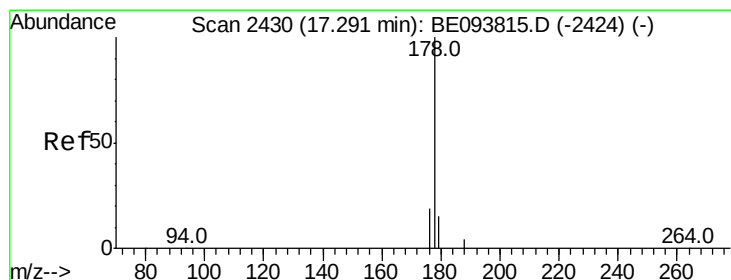
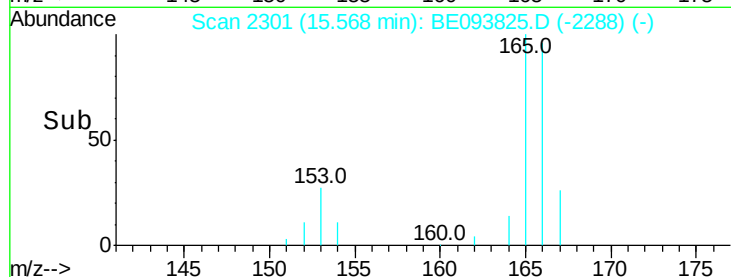
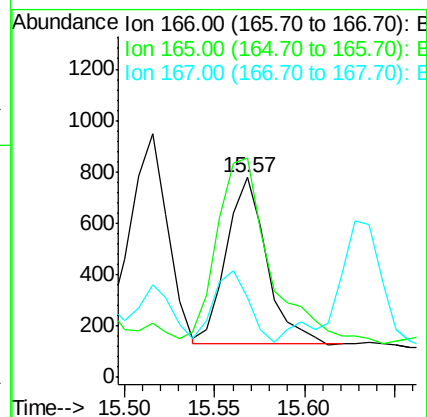
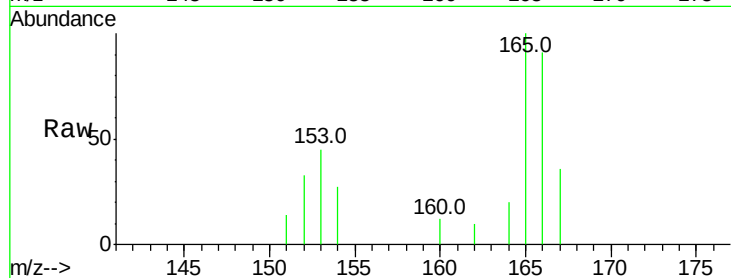
Tot Ion:166 Resp: 999

Ion Ratio Lower Upper

166 100

165 109.9 73.4 110.2

167 39.7 14.6 22.0#



#12

Phenanthrene

Concen: 1.173 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

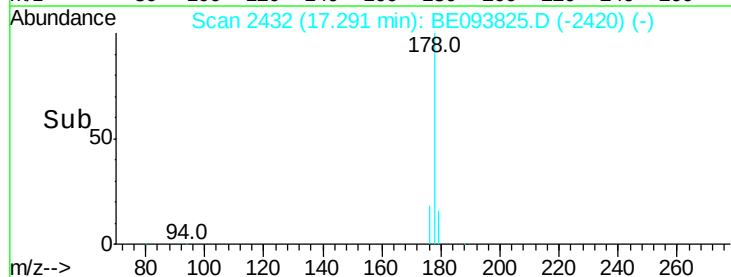
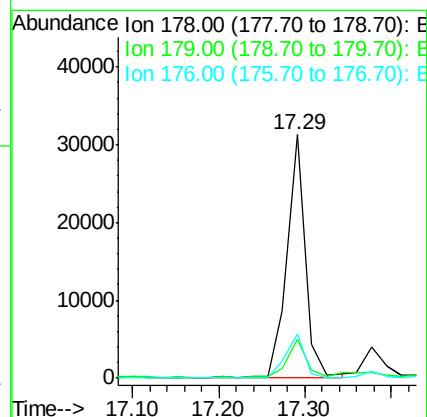
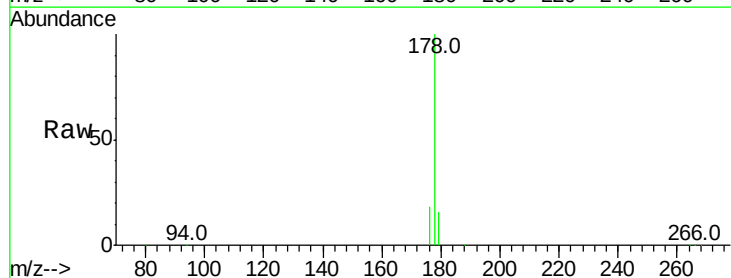
Tgt Ion:178 Resp: 46692

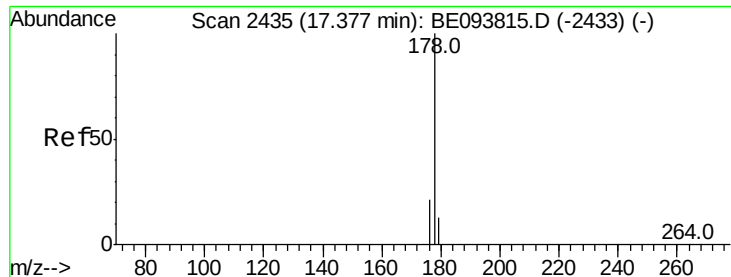
Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 18.2 13.6 20.4





#13

Anthracene

Concen: 0.172 ng/ul

RT: 17.38 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

ClientSampleId :

C0AG9

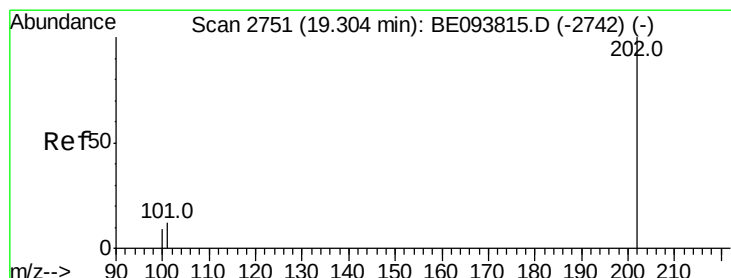
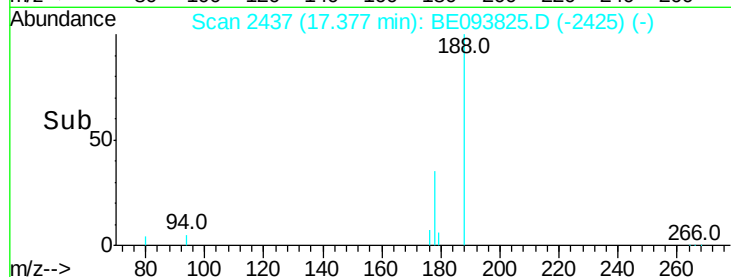
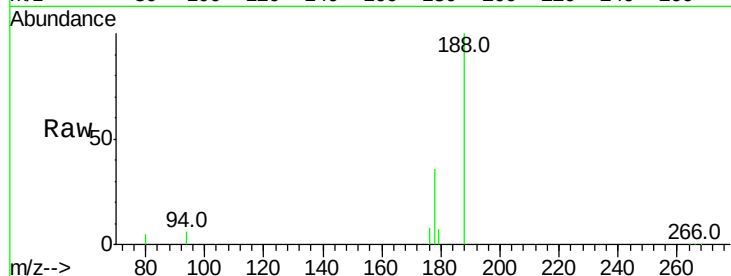
Tot Ion:178 Resp: 6687

Ion Ratio Lower Upper

178 100

179 18.7 18.1 27.1

176 21.1 14.7 22.1



#15

Fluoranthene

Concen: 1.464 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

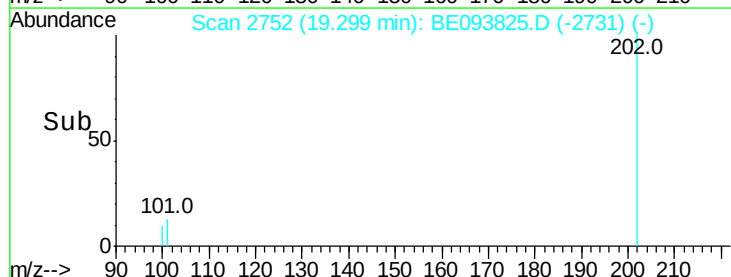
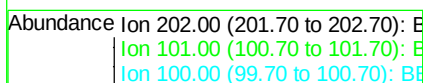
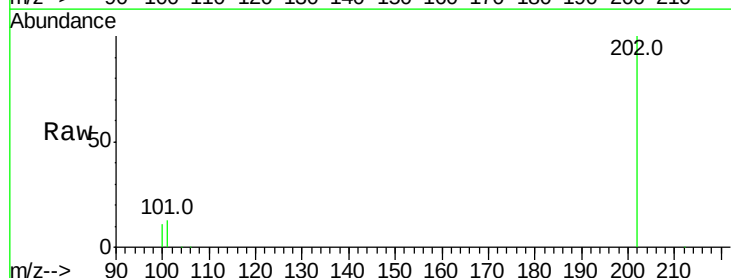
Tgt Ion:202 Resp: 72903

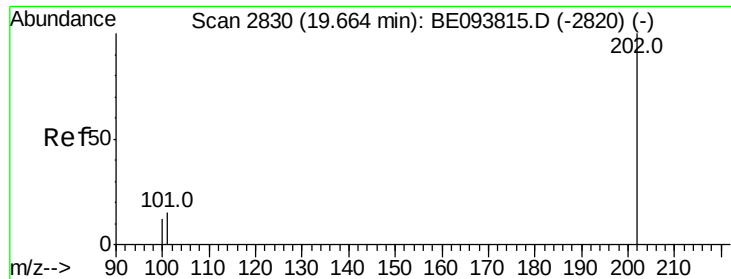
Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.3

100 10.6 0.0 39.5

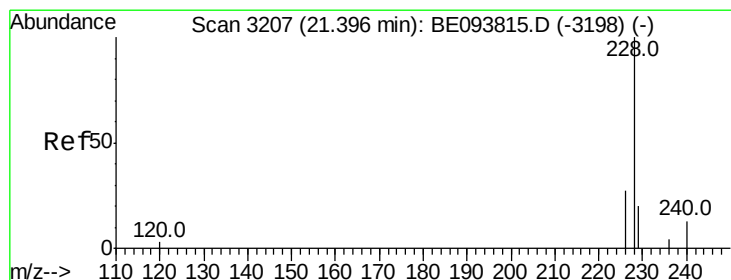
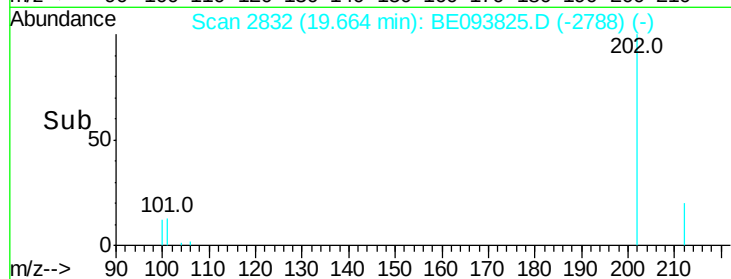
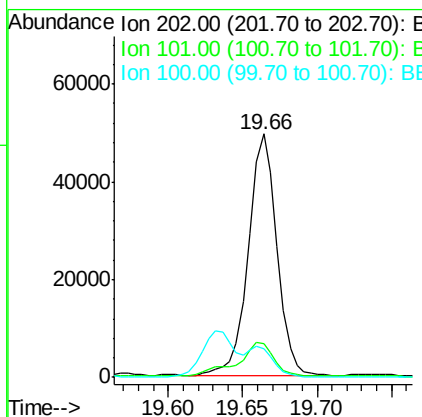
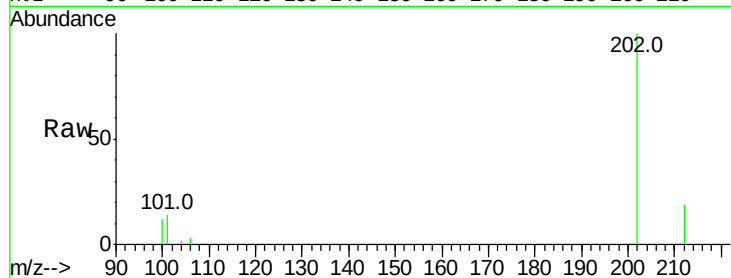




#17
Pvrene
Concen: 1.449 ng/ul
RT: 19.66 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093825.D
Acq: 16 Aug 2017 2:00

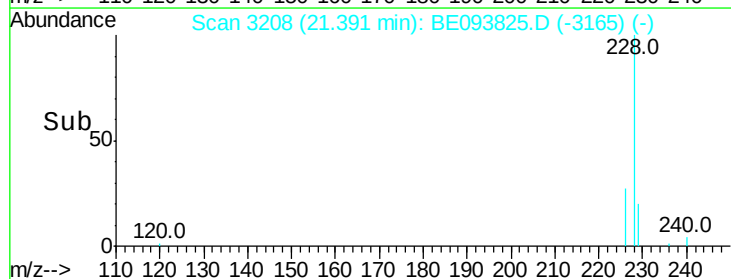
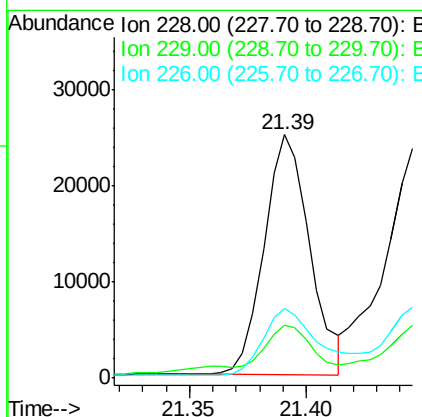
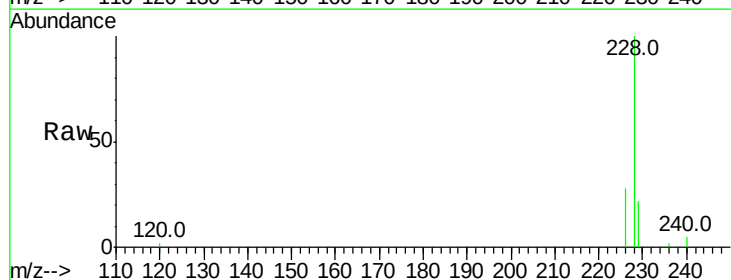
Instrument :
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C0AG9

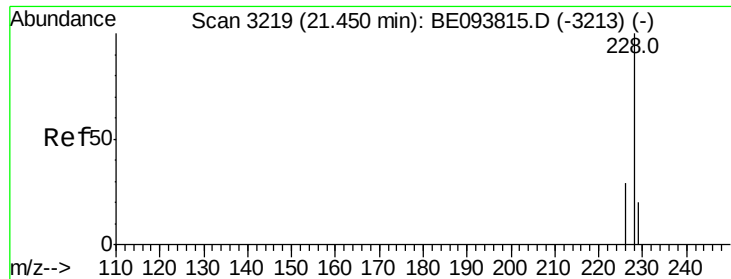
Tot Ion:202 Resp: 66048
Ion Ratio Lower Upper
202 100
101 13.8 18.2 27.4#
100 11.8 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.750 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093825.D
Acq: 16 Aug 2017 2:00

Tgt Ion:228 Resp: 33969
Ion Ratio Lower Upper
228 100
229 21.8 22.8 34.2#
226 28.4 17.0 25.6#





#19

Chrysene

Concen: 0.884 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

ClientSampleId :

C0AG9

Tot Ion:228 Resp: 38401

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

229 23.2 17.7 26.5

