

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094396.D
 Acq On : 15 Oct 2017 16:54
 Operator : SJ/JU
 Sample : I5548-16DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 06:56:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 06:50:03 2017
 Response via : Initial Calibration

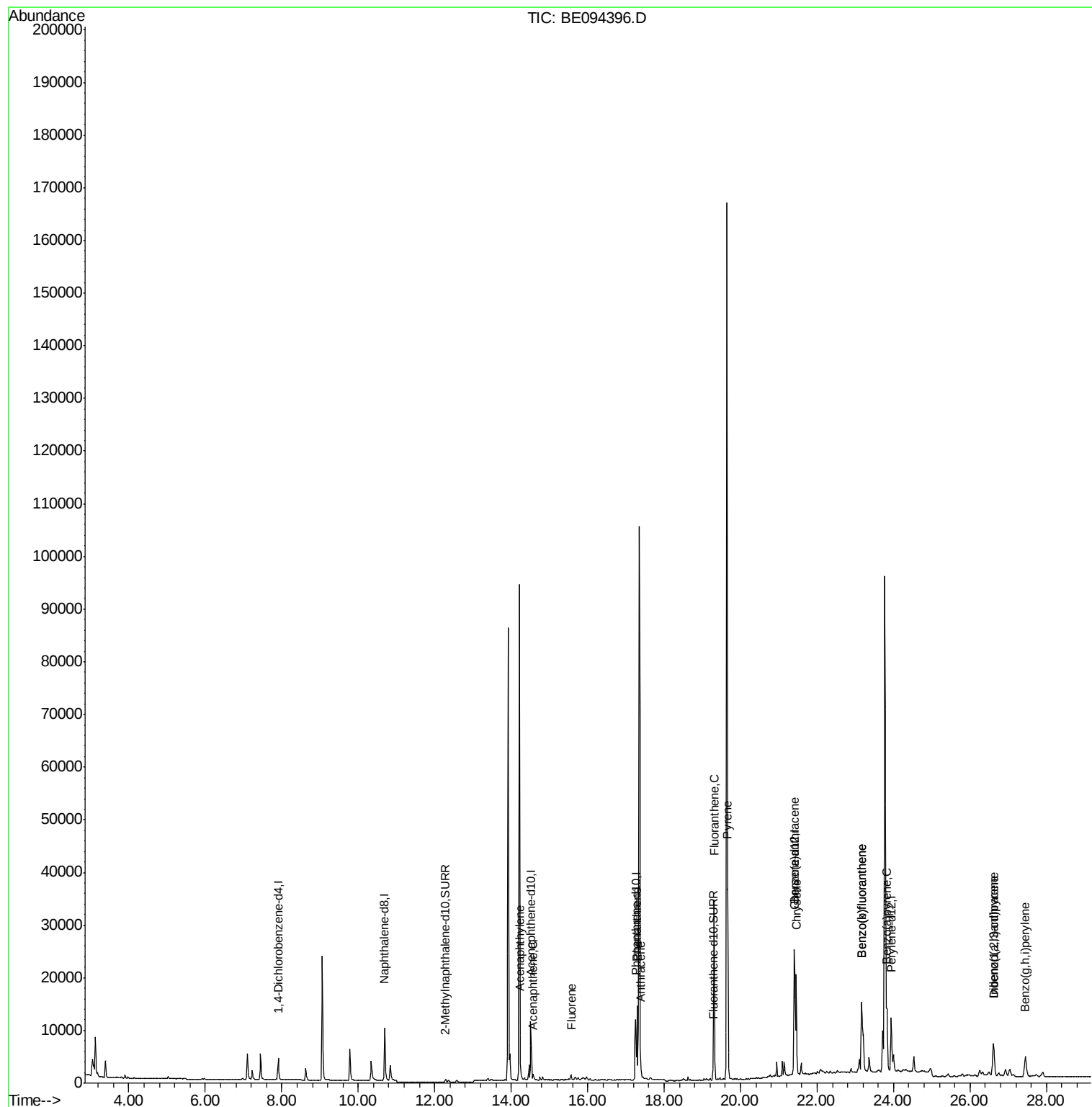
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2143	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6867	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16267	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	16297	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	15866	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	731	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2039	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.24	152	828	0.031	ng/ul#	81
8) Acenaphthene	14.58	153	578	0.026	ng/ul	97
9) Fluorene	15.57	166	715	0.028	ng/ul#	88
12) Phenanthrene	17.29	178	15494	0.364	ng/ul#	90
13) Anthracene	17.38	178	3533	0.085	ng/ul	92
15) Fluoranthene	19.31	202	39087	0.700	ng/ul	84
17) Pyrene	19.67	202	37198	0.820	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	20175	0.467	ng/ul#	88
19) Chrysene	21.45	228	20585	0.412	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	33833	0.785	ng/ul	91
22) Benzo(k)fluoranthene	23.16	252	33822	0.679	ng/ul	93
23) Benzo(a)pyrene	23.83	252	17216	0.384	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.61	276	11482	0.251	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	3162	0.082	ng/ul#	69
26) Benzo(g,h,i)perylene	27.45	276	9325	0.236	ng/ul	94

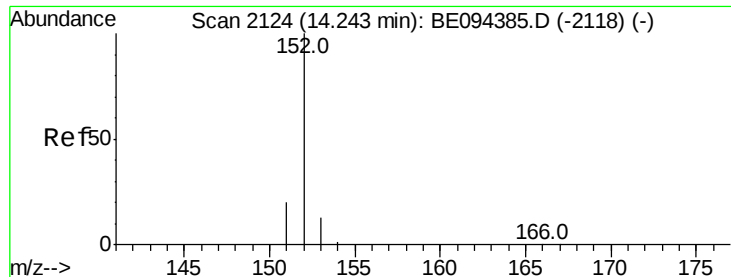
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094396.D
Acq On : 15 Oct 2017 16:54
Operator : SJ/JU
Sample : I5548-16DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 16 06:56:16 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

Instrument :

BNA_E

ClientSampleId :

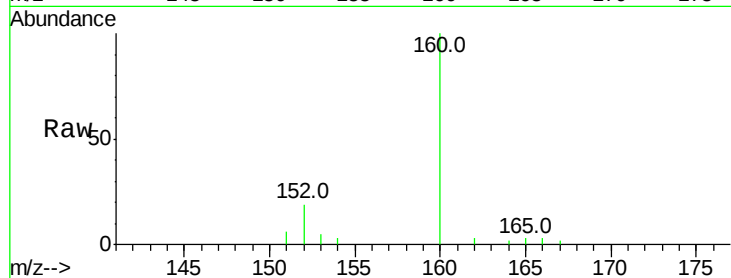
Tot Ion:152 Resp: 828

Ion Ratio Lower Upper

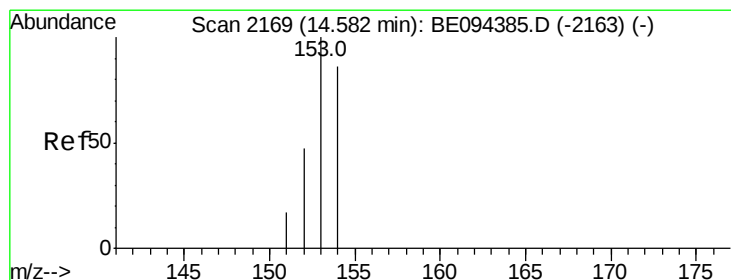
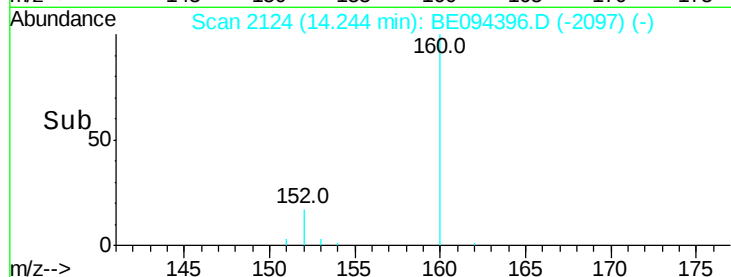
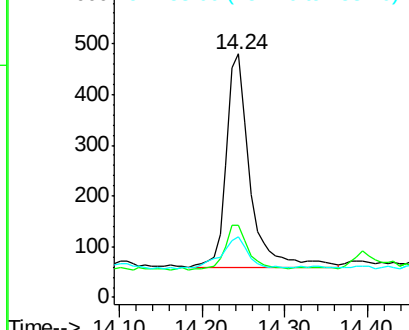
152 100

151 29.6 17.1 25.7#

153 24.8 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: 0.026 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

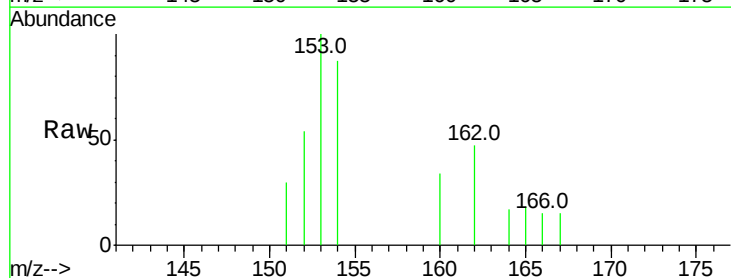
Tgt Ion:153 Resp: 578

Ion Ratio Lower Upper

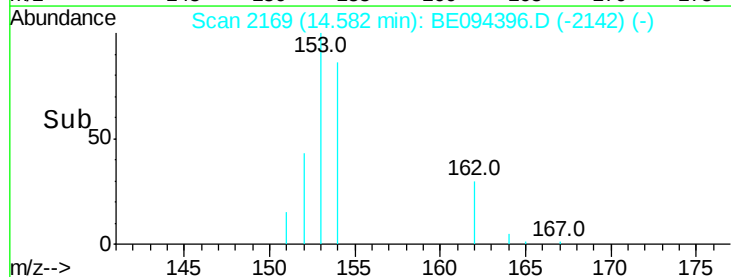
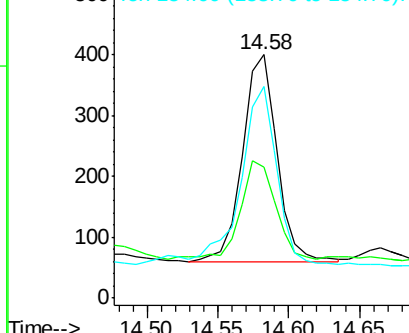
153 100

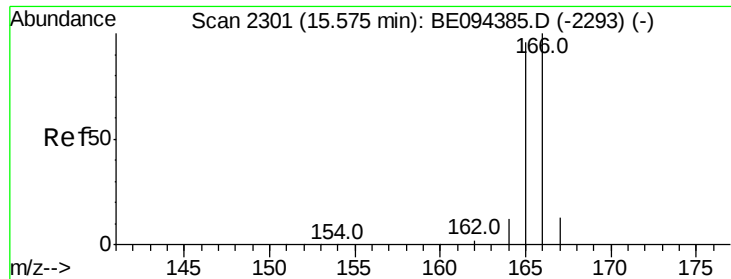
152 54.0 40.3 60.5

154 87.0 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

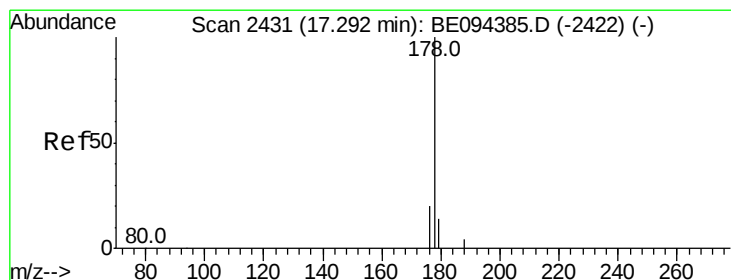
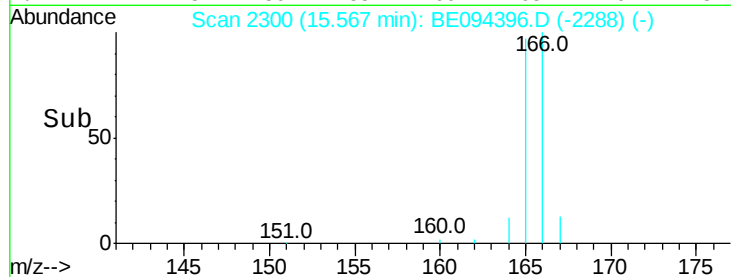
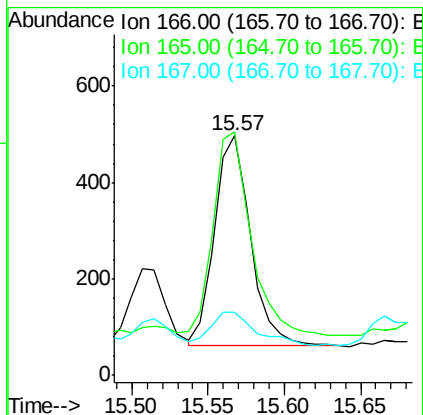
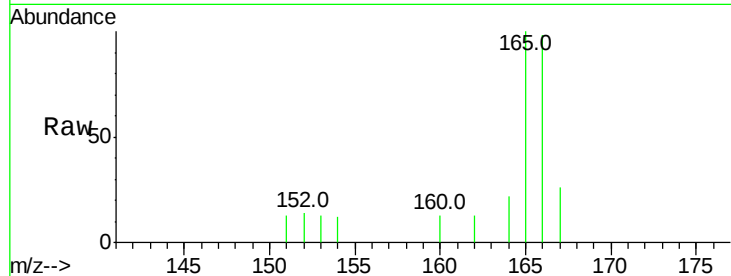




#9
Fluorene
 Concen: 0.028 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094396.D
 Acq: 15 Oct 2017 16:54

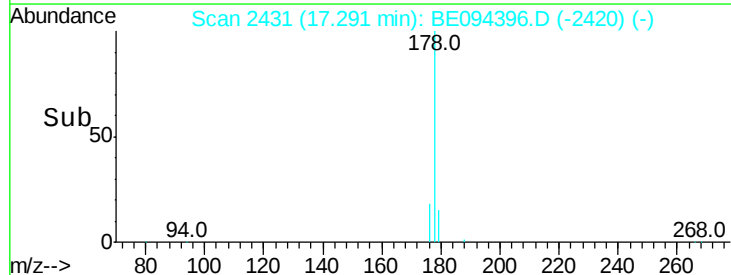
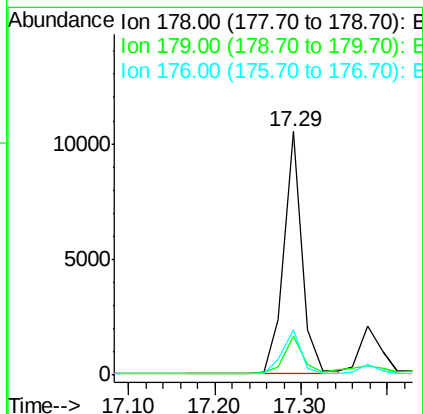
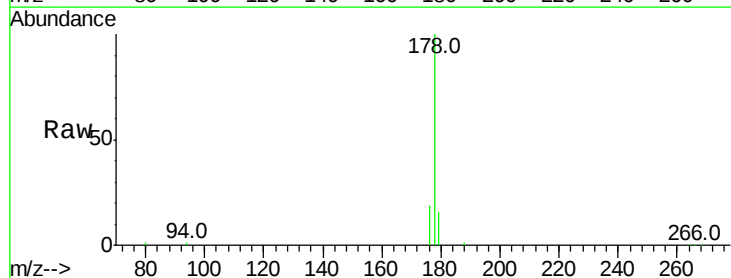
Instrument :
 BNA_E
 ClientSampleId :

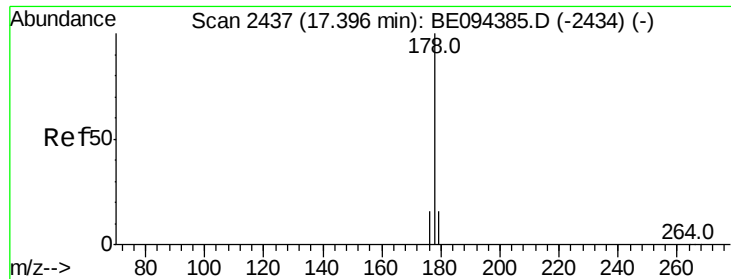
Tot Ion:166 Resp: 715
 Ion Ratio Lower Upper
 166 100
 165 101.6 73.4 110.2
 167 26.2 14.6 22.0#



#12
Phenanthrene
 Concen: 0.364 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094396.D
 Acq: 15 Oct 2017 16:54

Tgt Ion:178 Resp: 15494
 Ion Ratio Lower Upper
 178 100
 179 16.1 18.4 27.6#
 176 18.8 13.6 20.4





#13

Anthracene

Concen: 0.085 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

Instrument :

BNA_E

ClientSampleId :

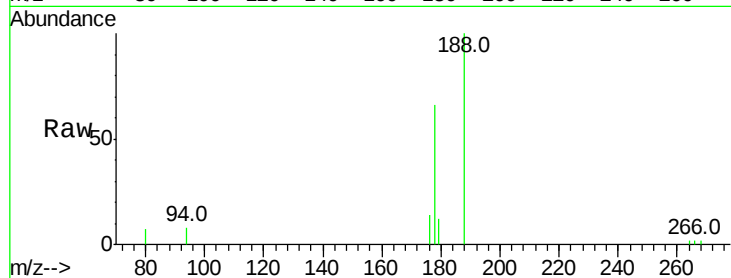
Tot Ion:178 Resp: 3533

Ion Ratio Lower Upper

178 100

179 18.3 18.1 27.1

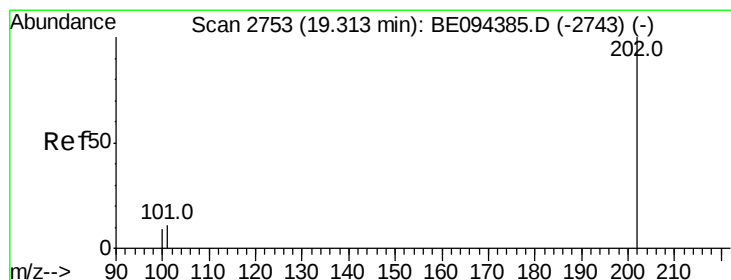
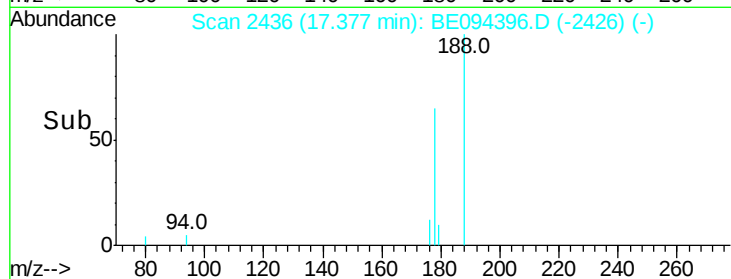
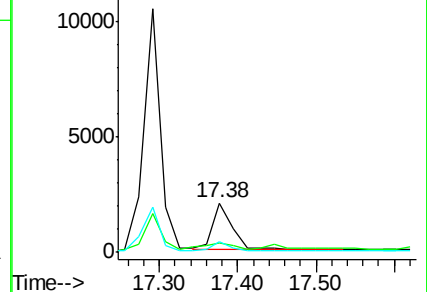
176 21.9 14.7 22.1



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: 0.700 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

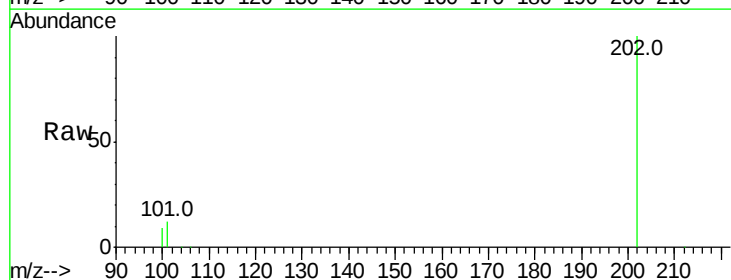
Tgt Ion:202 Resp: 39087

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.3

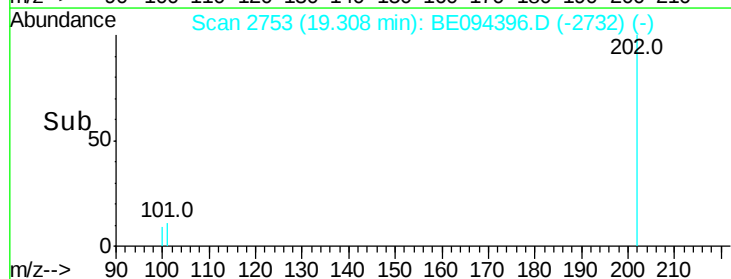
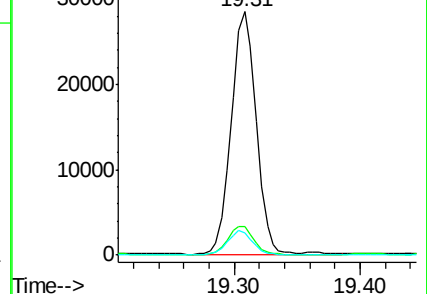
100 9.4 0.0 39.5

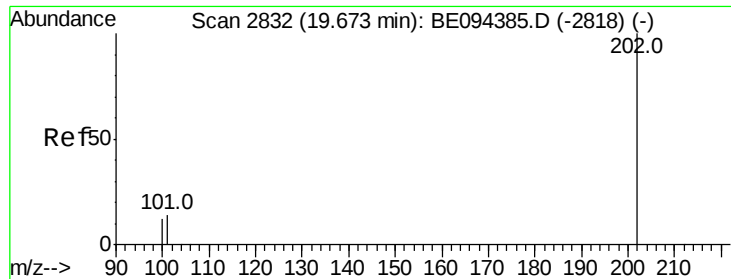


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

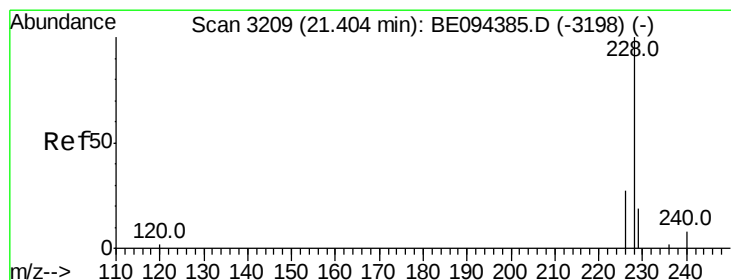
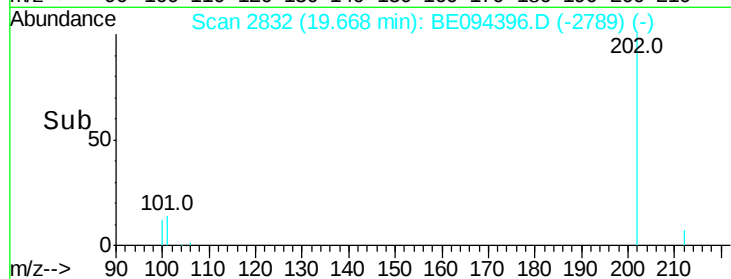
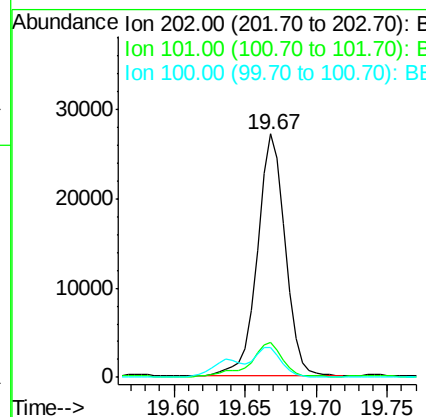
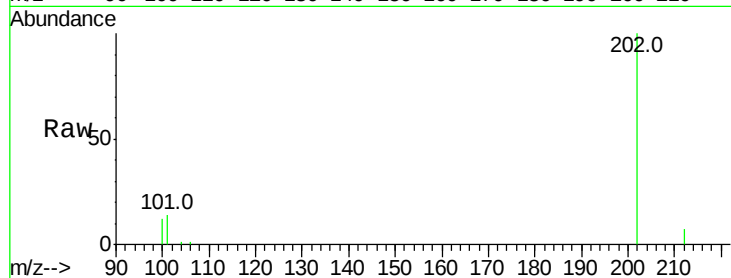




#17
Pvrene
Concen: 0.820 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

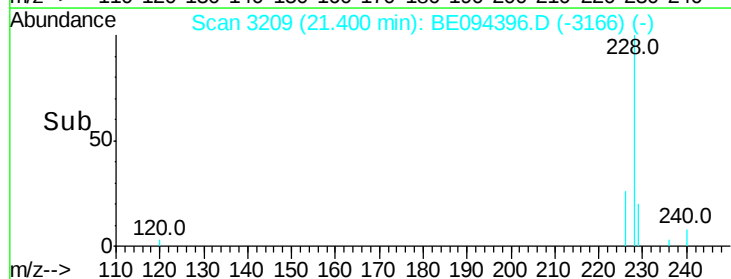
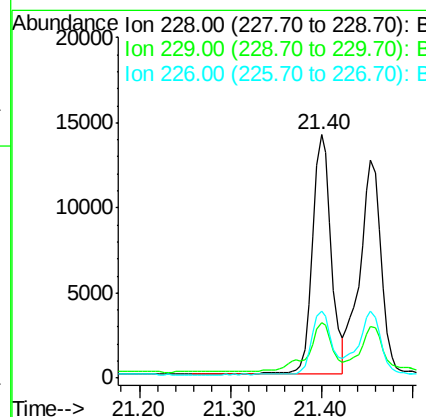
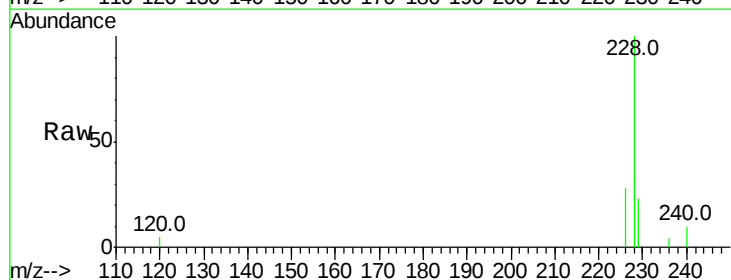
Instrument :
BNA_E
ClientSampleId :

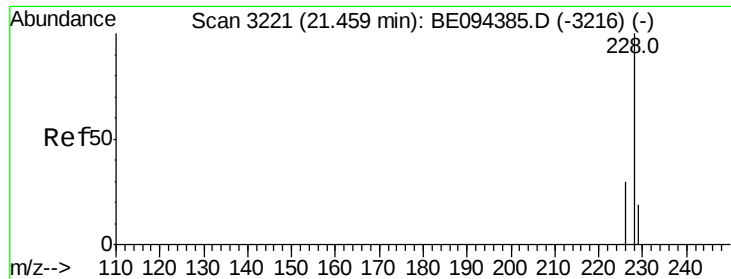
Tot Ion:202 Resp: 37198
Ion Ratio Lower Upper
202 100
101 14.1 18.2 27.4#
100 12.1 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:228 Resp: 20175
Ion Ratio Lower Upper
228 100
229 23.0 22.8 34.2
226 27.6 17.0 25.6#





#19

Chrysene

Concen: 0.412 ng/ul

RT: 21.45 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

Instrument :

BNA_E

ClientSampleId :

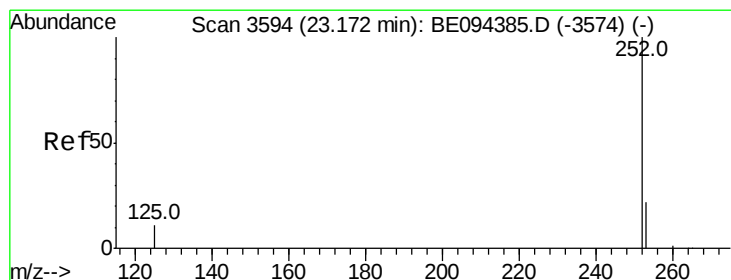
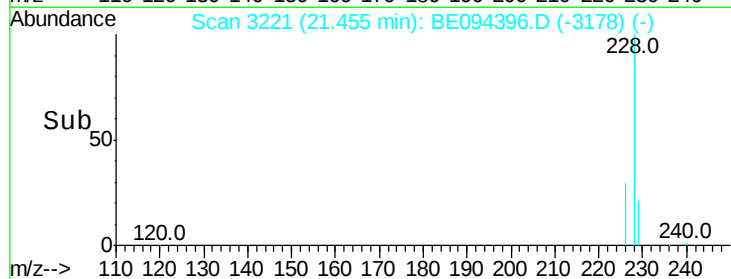
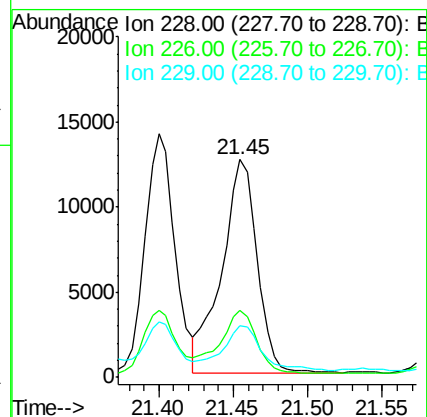
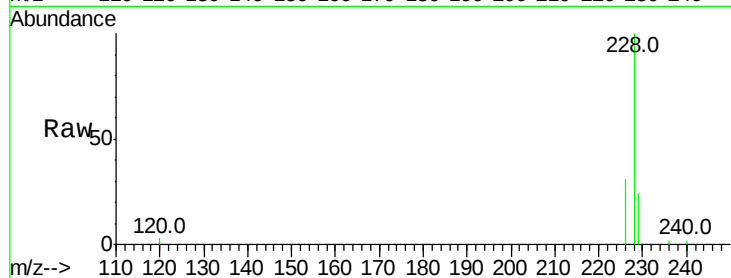
Tot Ion:228 Resp: 20585

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 23.8 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 0.785 ng/ul

RT: 23.16 min Scan# 3593

Delta R.T. -0.01 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

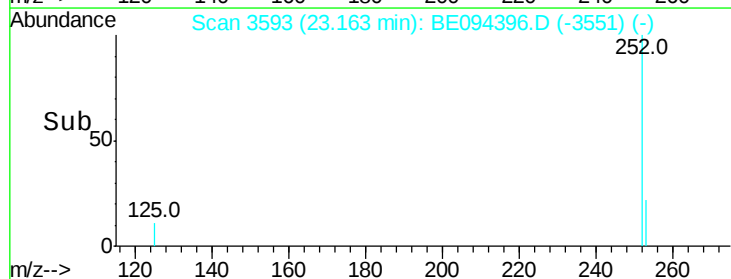
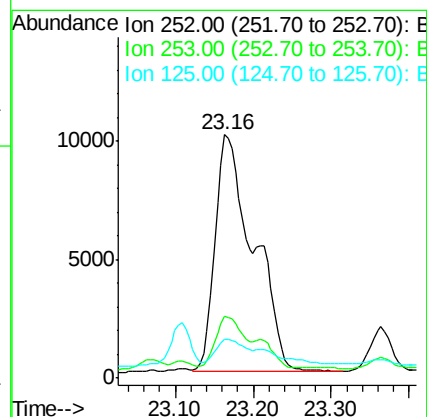
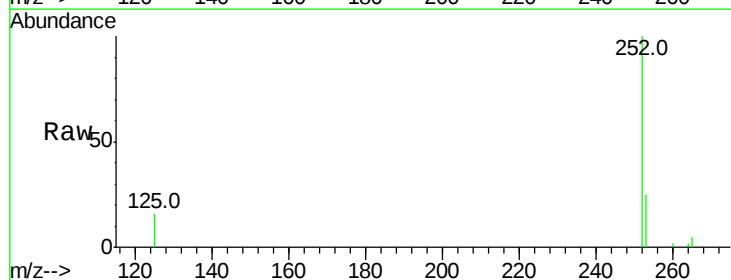
Tgt Ion:252 Resp: 33833

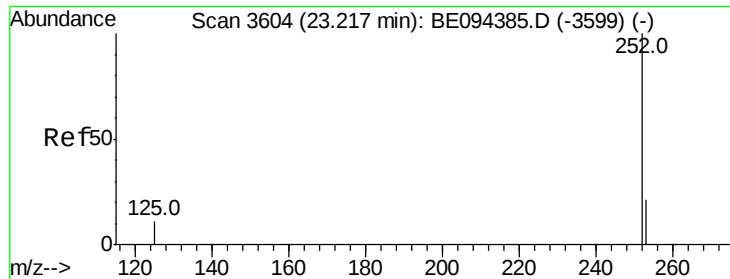
Ion Ratio Lower Upper

252 100

253 25.4 0.0 64.2

125 15.7 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.679 ng/ul

RT: 23.16 min Scan# 3593

Delta R.T. -0.05 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

Instrument :

BNA_E

ClientSampleId :

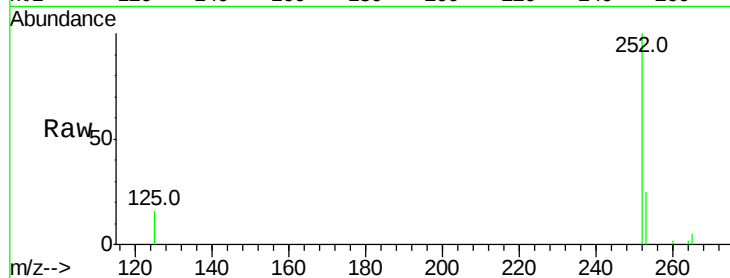
Tot Ion:252 Resp: 33822

Ion Ratio Lower Upper

252 100

253 25.4 24.5 36.7

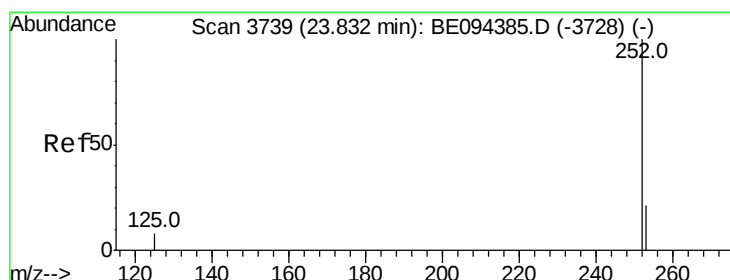
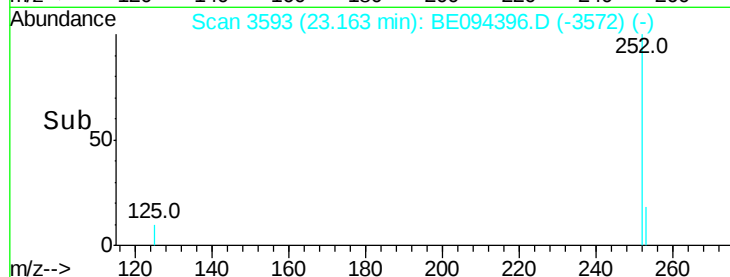
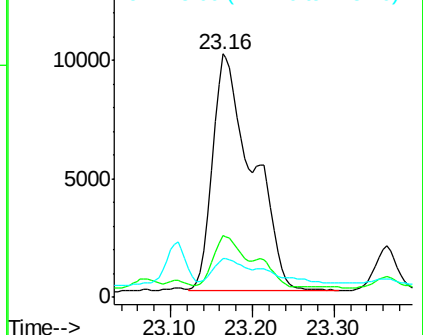
125 15.7 13.7 20.5



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: 0.384 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

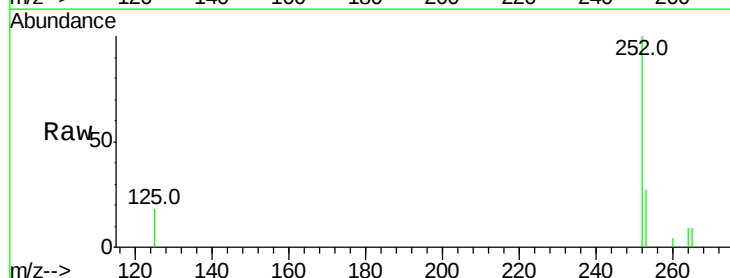
Tgt Ion:252 Resp: 17216

Ion Ratio Lower Upper

252 100

253 26.8 28.5 42.7#

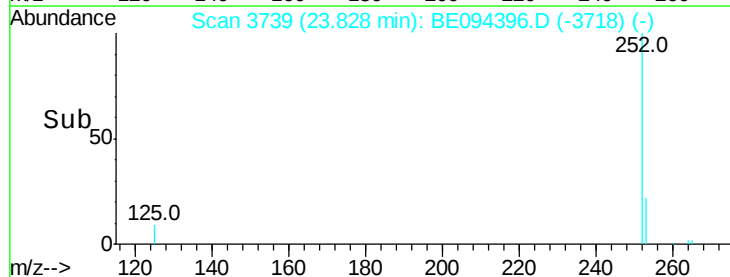
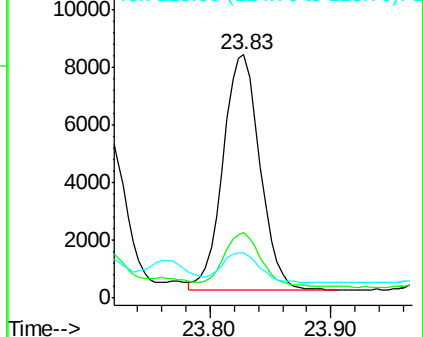
125 18.3 18.1 27.1

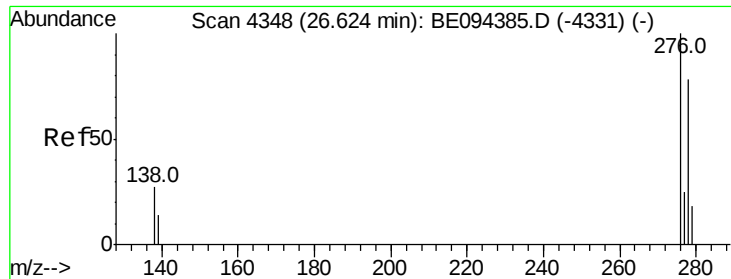


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



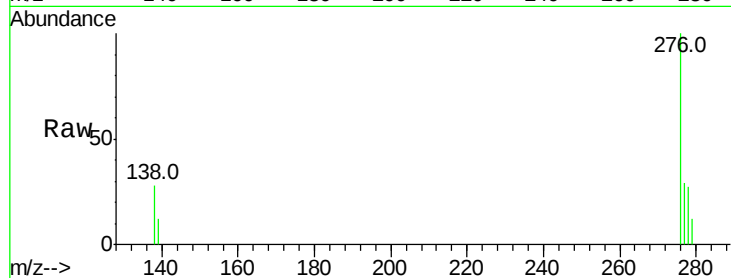


#24

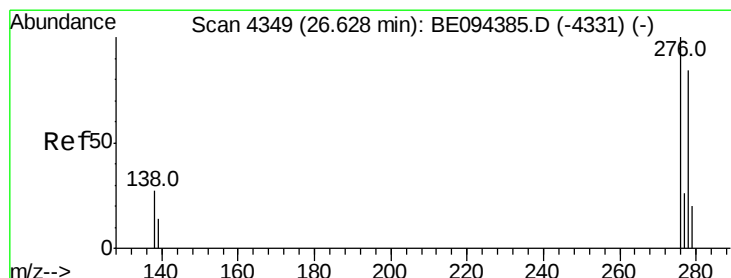
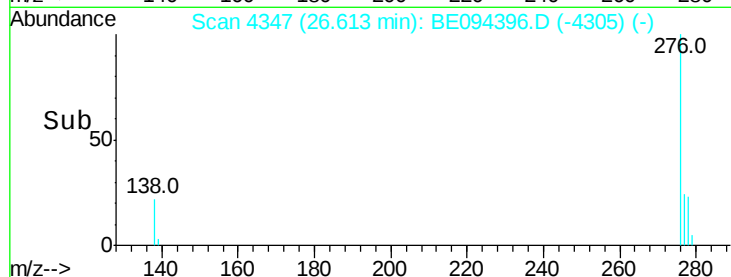
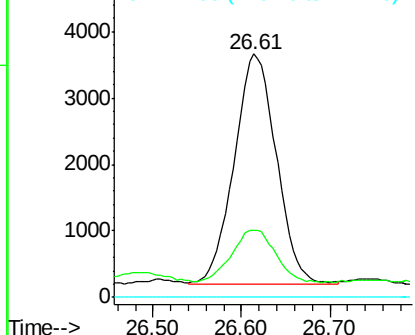
Indeno(1,2,3-cd)pyrene
Concen: 0.251 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 11482
Ion Ratio Lower Upper
276 100
138 23.9 28.0 42.0#
227 0.0 8.0 12.0#



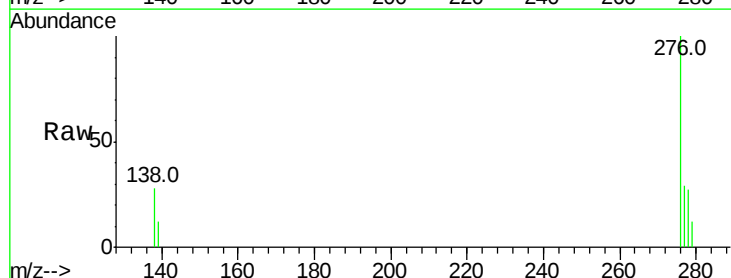
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



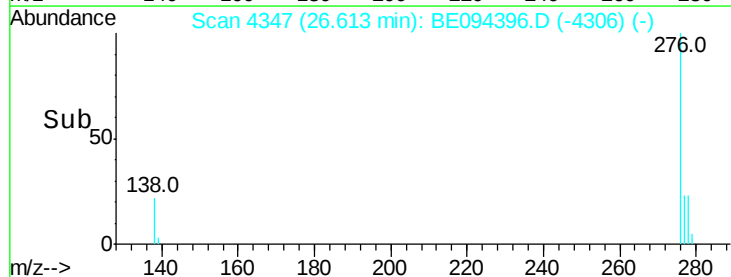
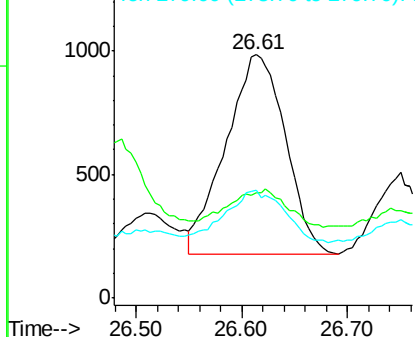
#25

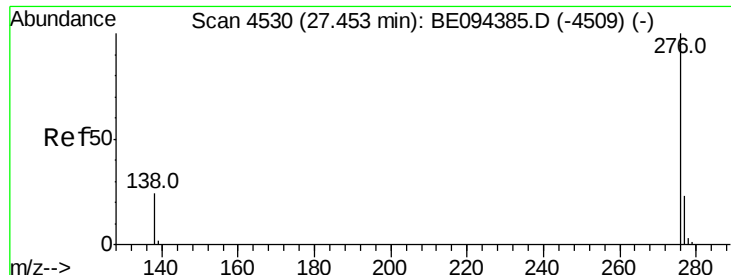
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BE094396.D
Acq: 15 Oct 2017 16:54

Tgt Ion:278 Resp: 3162
Ion Ratio Lower Upper
278 100
139 43.1 17.4 26.0#
279 44.3 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.236 ng/ul

RT: 27.45 min Scan# 4530

Delta R.T. -0.01 min

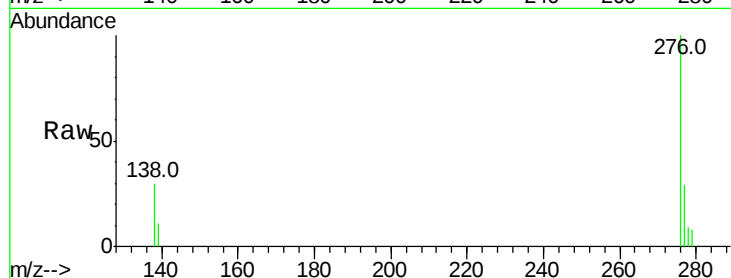
Lab File: BE094396.D

Acq: 15 Oct 2017 16:54

Instrument :

BNA_E

ClientSampleId :



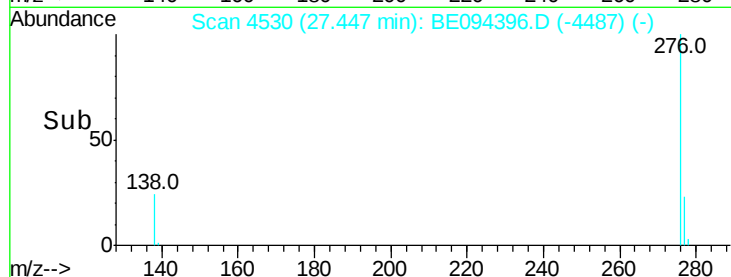
Tot Ion:276 Resp: 9325

Ion Ratio Lower Upper

276 100

138 30.0 21.8 32.8

277 29.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

