

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
 Data File : BE094042.D
 Acq On : 20 Sep 2017 21:26
 Operator : SJ/JU
 Sample : I5283-08 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CB3B3

Quant Time: Sep 21 06:28:47 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 Sep 21 06:26:27 2017
 Response via : Initial Calibration

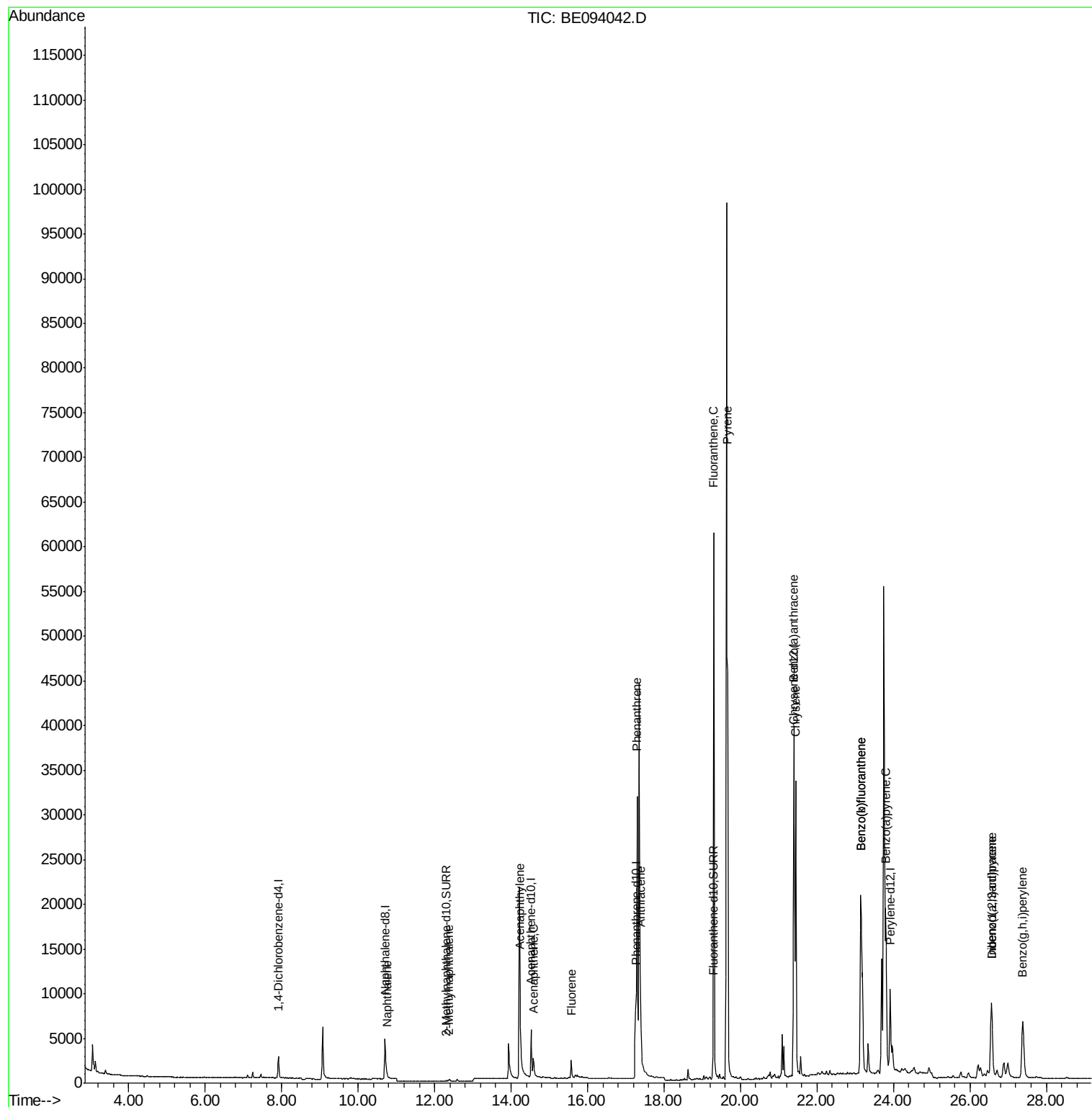
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1412	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6685	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4271	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	11886	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	15484	0.40	ng/ul	-0.02
20) Perylene-d12	23.91	264	15194	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	270	0.03	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	1086	0.03	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	706	0.043	ng/ul#	74
5) 2-Methylnaphthalene	12.38	142	354	0.033	ng/ul	97
7) Acenaphthylene	14.24	152	825	0.050	ng/ul#	81
8) Acenaphthene	14.59	153	1503	0.110	ng/ul	98
9) Fluorene	15.57	166	1675	0.104	ng/ul	93
12) Phenanthrene	17.29	178	40417	1.301	ng/ul#	90
13) Anthracene	17.38	178	8316	0.275	ng/ul#	90
15) Fluoranthene	19.30	202	71822	1.760	ng/ul	84
17) Pyrene	19.66	202	71960	1.670	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	35702	0.869	ng/ul#	86
19) Chrysene	21.44	228	37040	0.781	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	55193	1.337	ng/ul	86
22) Benzo(k)fluoranthene	23.14	252	55193	1.157	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	27327	0.637	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.56	276	16950	0.386	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	4233	0.115	ng/ul	93
26) Benzo(a,h,i)perylene	27.38	276	16851	0.445	ng/ul	99

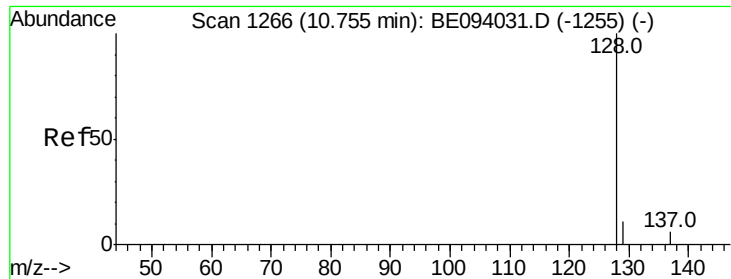
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3

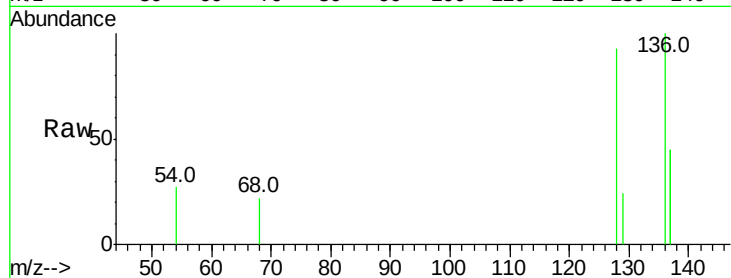
Tot Ion:128 Resp: 706

Ion Ratio Lower Upper

128 100

129 26.2 11.3 16.9#

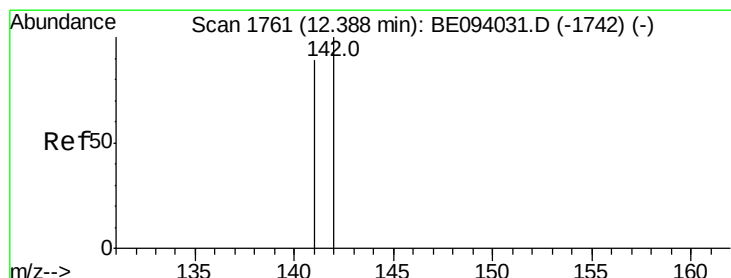
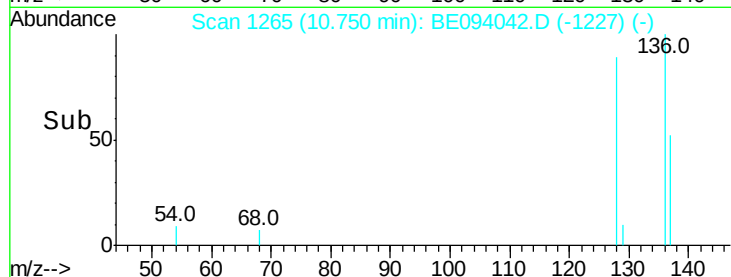
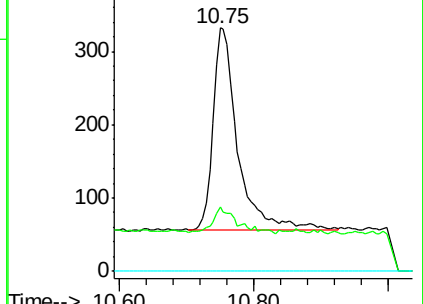
127 0.0 4.0 6.0#



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: 0.033 ng/ul

RT: 12.38 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BE094042.D

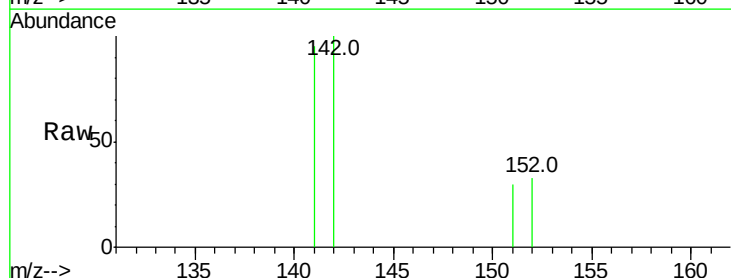
Acq: 20 Sep 2017 21:26

Tgt Ion:142 Resp: 354

Ion Ratio Lower Upper

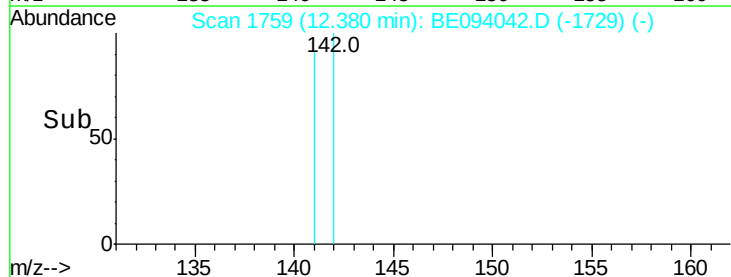
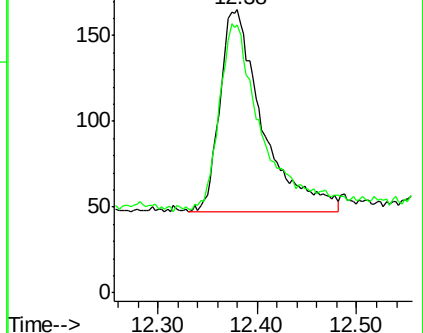
142 100

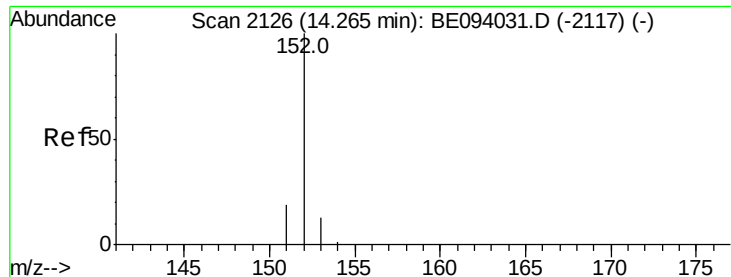
141 93.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3

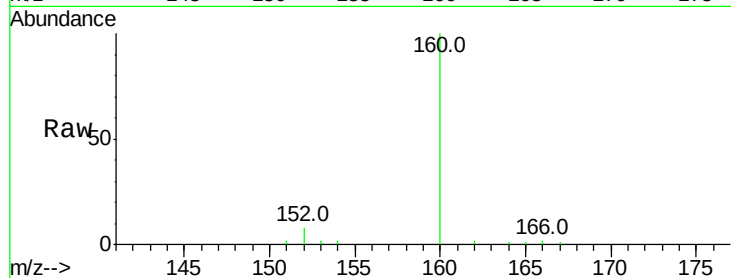
Tot Ion:152 Resp: 825

Ion Ratio Lower Upper

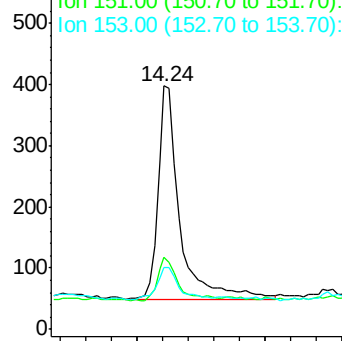
152 100

151 29.4 17.1 25.7#

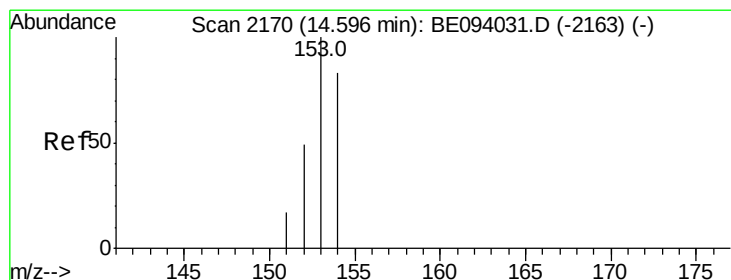
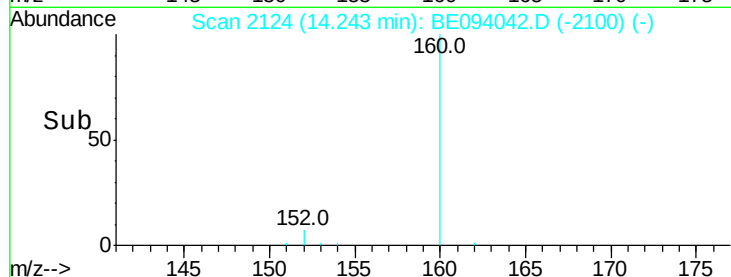
153 25.1 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.110 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

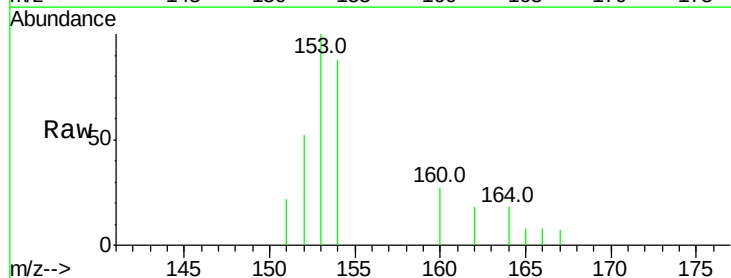
Tgt Ion:153 Resp: 1503

Ion Ratio Lower Upper

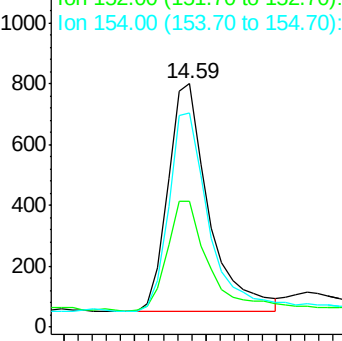
153 100

152 51.9 40.3 60.5

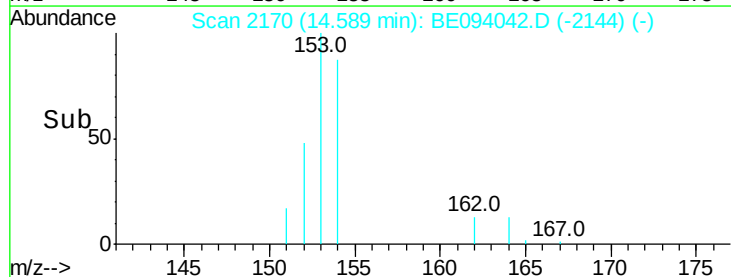
154 87.8 71.4 107.2

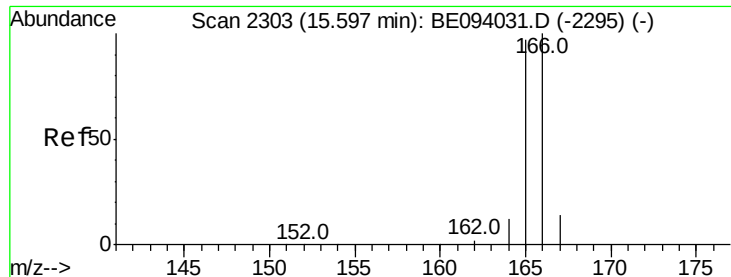


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.104 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3

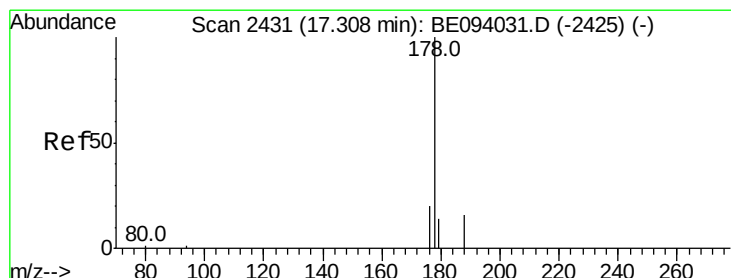
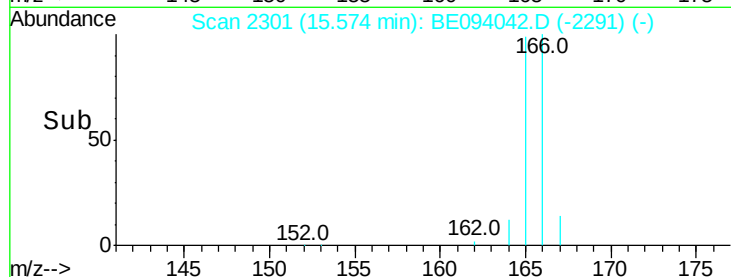
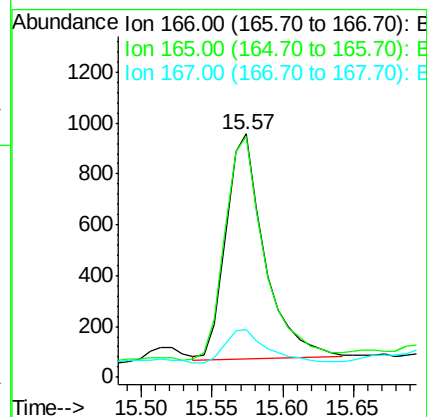
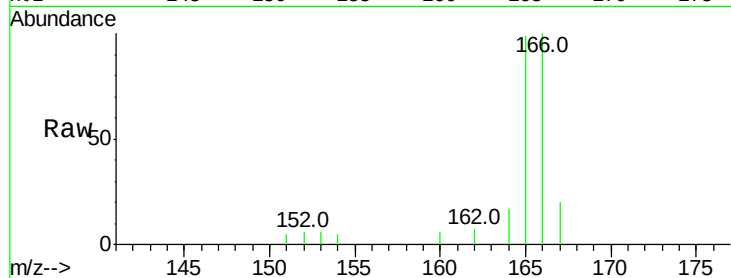
Tot Ion:166 Resp: 1675

Ion Ratio Lower Upper

166 100

165 98.7 73.4 110.2

167 19.8 14.6 22.0



#12

Phenanthrene

Concen: 1.301 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

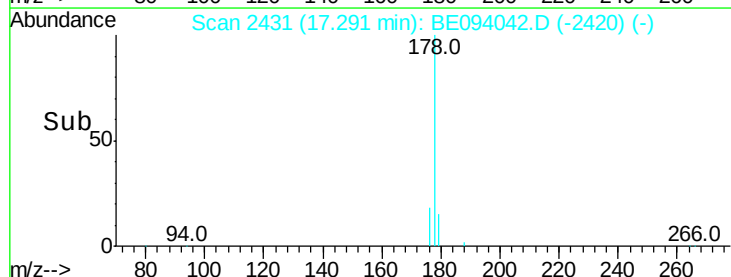
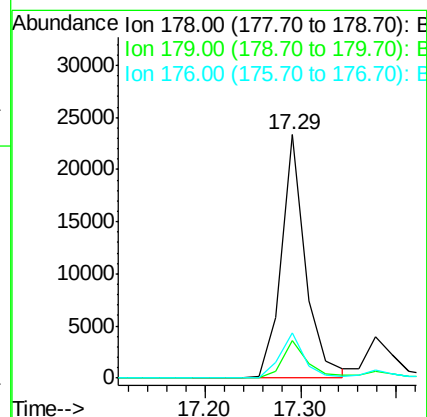
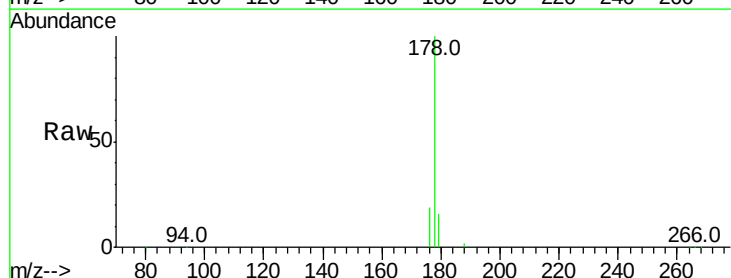
Tgt Ion:178 Resp: 40417

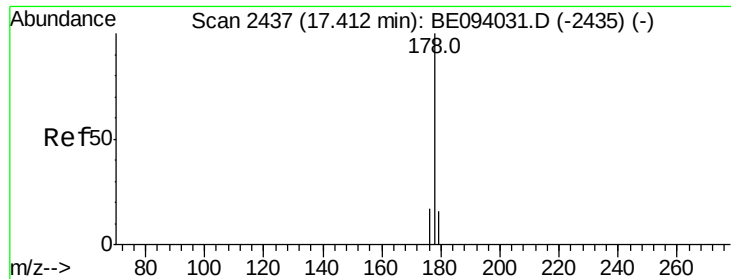
Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 18.5 13.6 20.4





#13

Anthracene

Concen: 0.275 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.03 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3

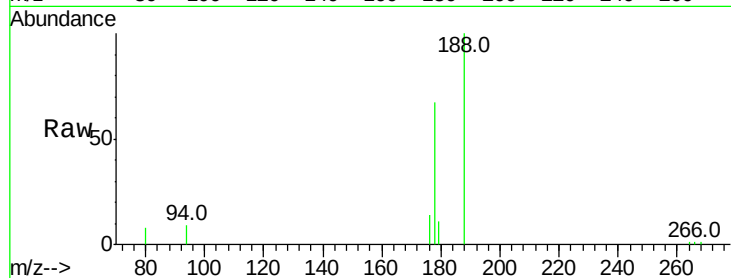
Tot Ion:178 Resp: 8316

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

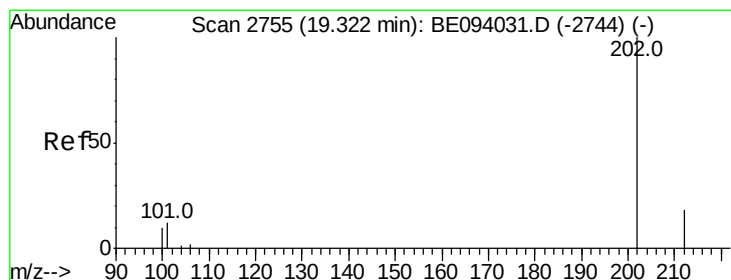
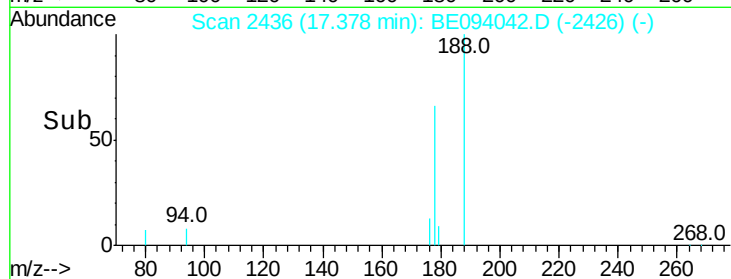
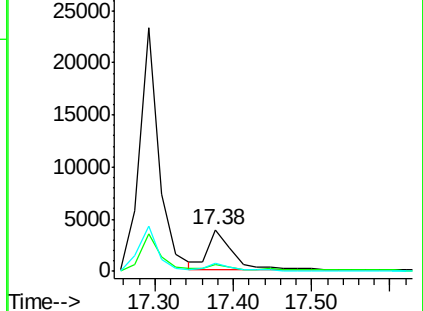
176 20.9 14.7 22.1



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: 1.760 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

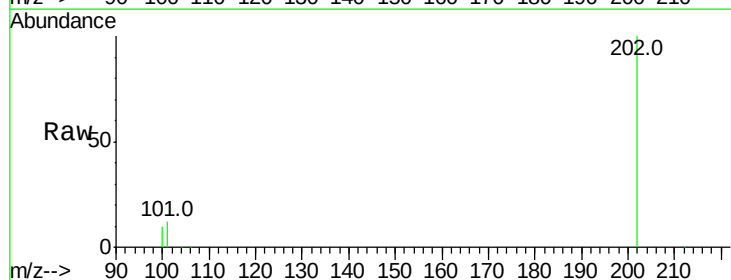
Tgt Ion:202 Resp: 71822

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

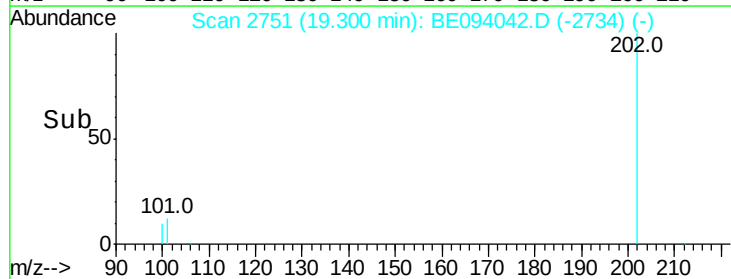
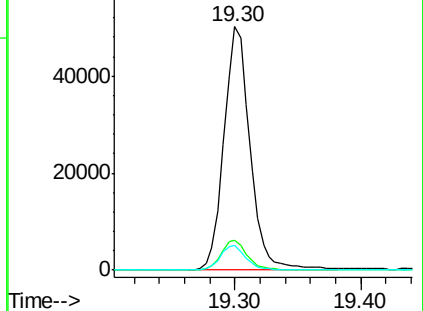
100 10.0 0.0 39.5

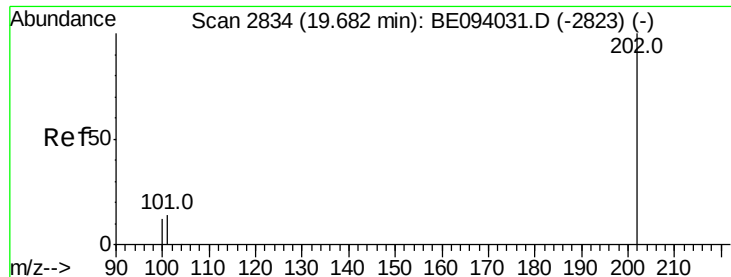


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.670 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

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CB3B3

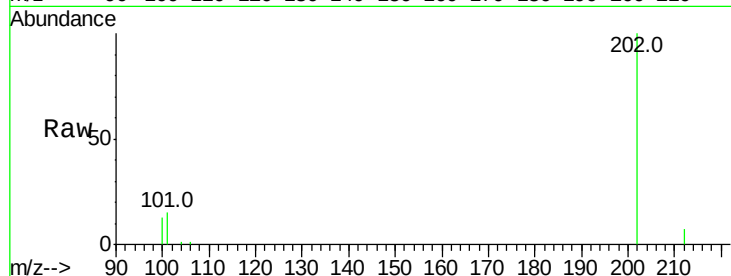
Tot Ion:202 Resp: 71960

Ion Ratio Lower Upper

202 100

101 14.6 18.2 27.4#

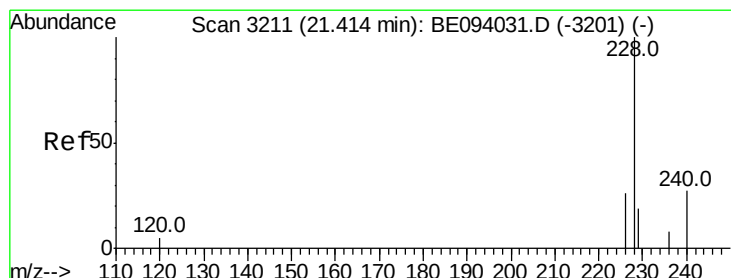
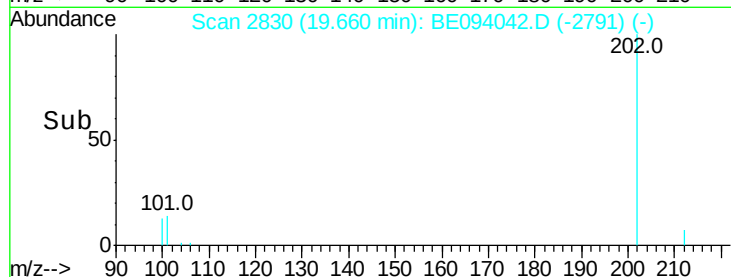
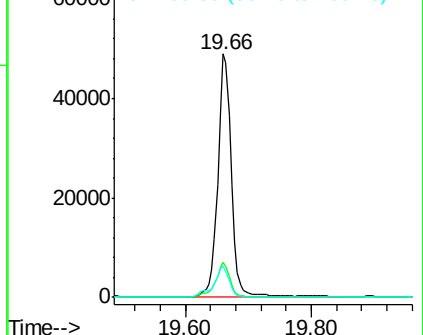
100 12.7 15.6 23.4#



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: 0.869 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

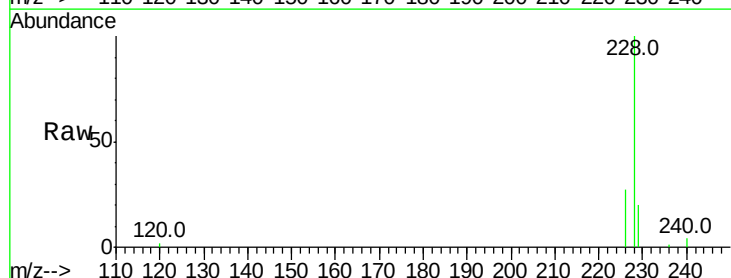
Tgt Ion:228 Resp: 35702

Ion Ratio Lower Upper

228 100

229 20.2 22.8 34.2#

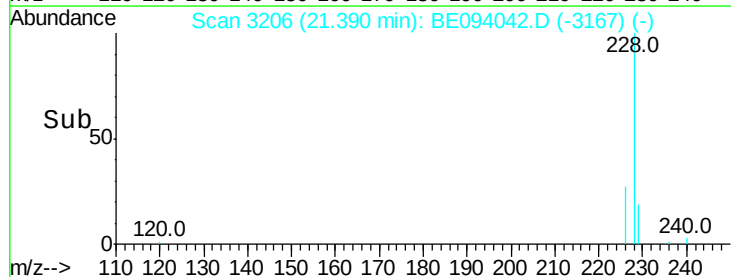
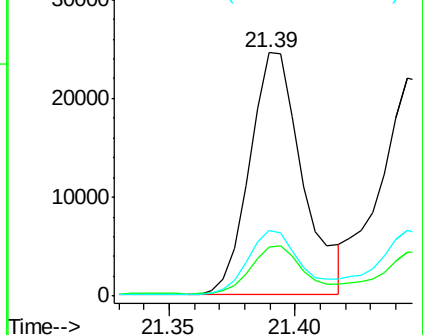
226 27.1 17.0 25.6#

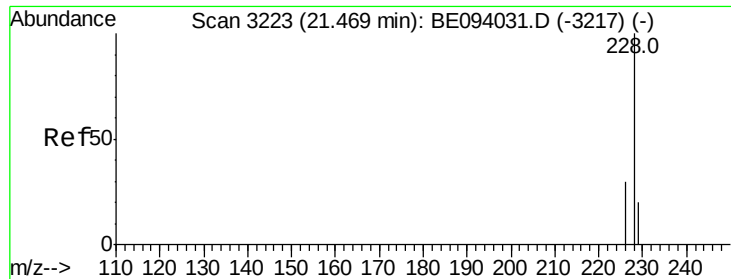


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.781 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

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CB3B3

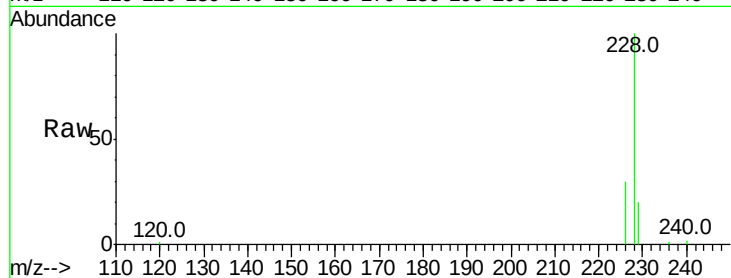
Tot Ion:228 Resp: 37040

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

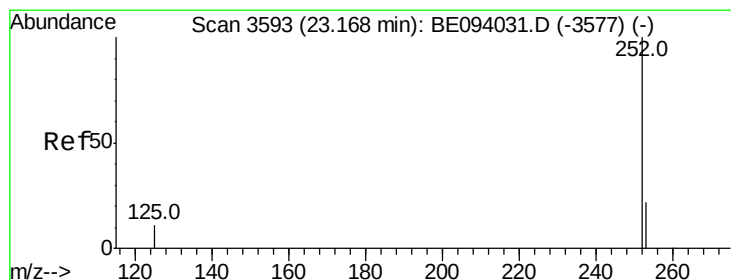
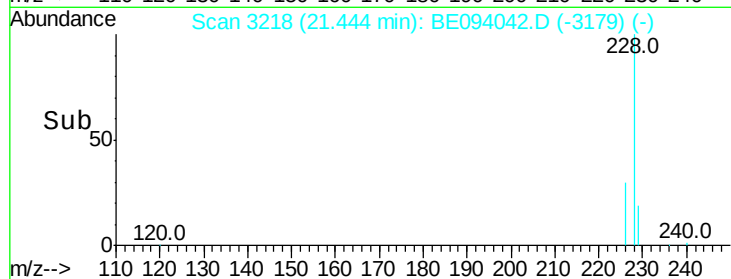
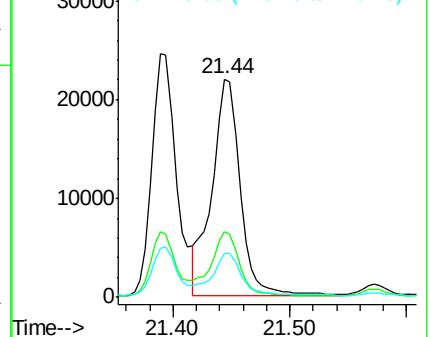
229 19.9 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 1.337 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

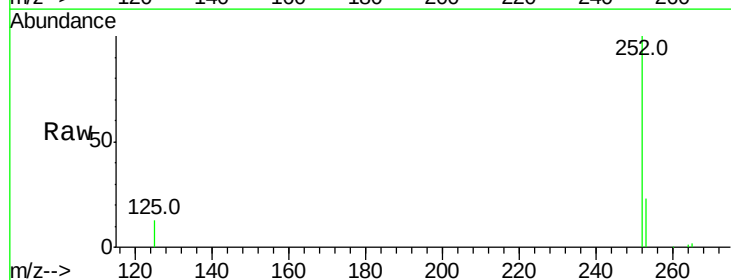
Tgt Ion:252 Resp: 55193

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

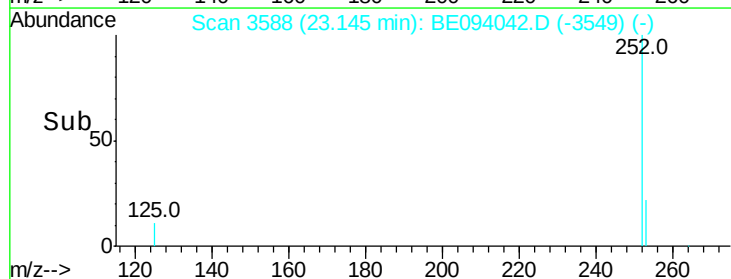
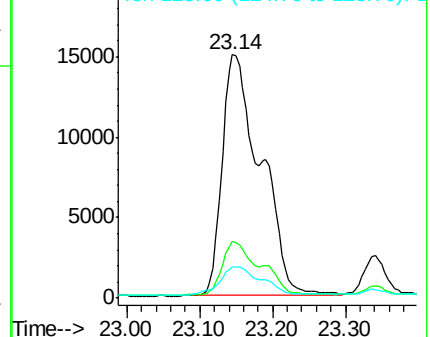
125 12.6 0.0 35.0

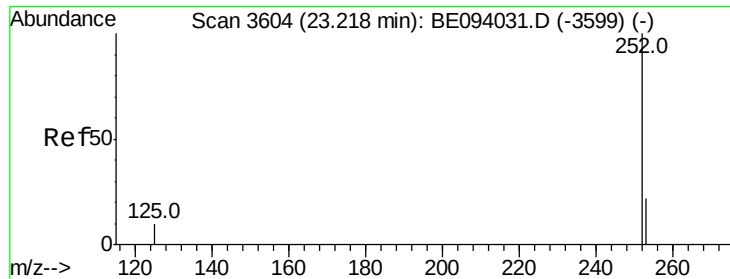


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.157 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.07 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3

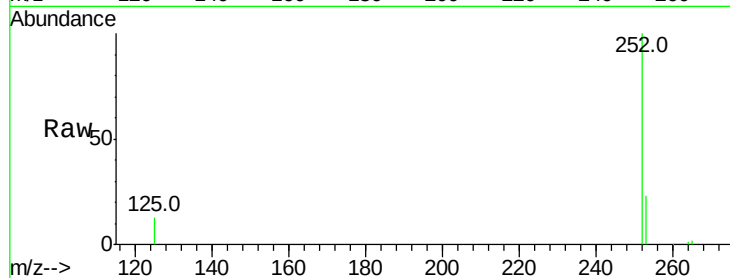
Tot Ion:252 Resp: 55193

Ion Ratio Lower Upper

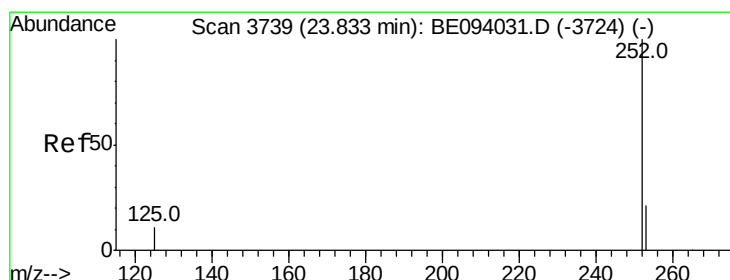
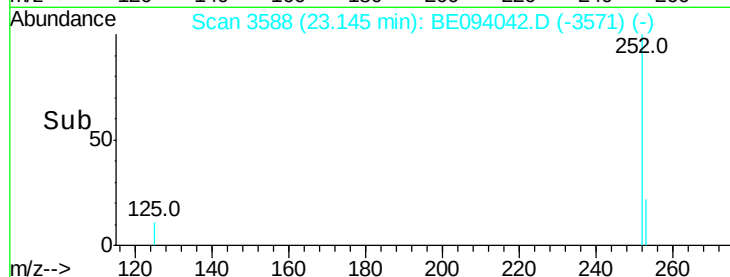
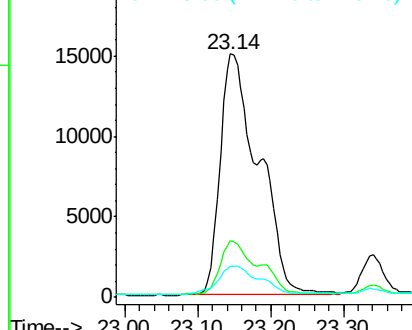
252 100

253 23.1 24.5 36.7#

125 12.6 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: 0.637 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

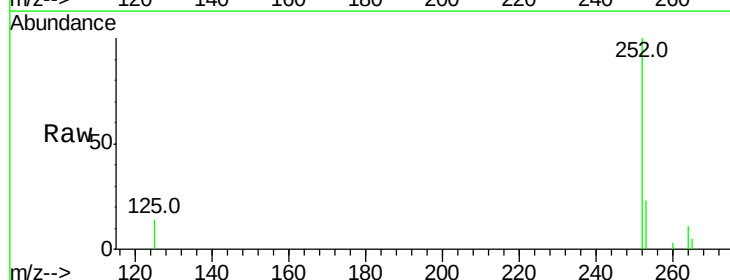
Tgt Ion:252 Resp: 27327

Ion Ratio Lower Upper

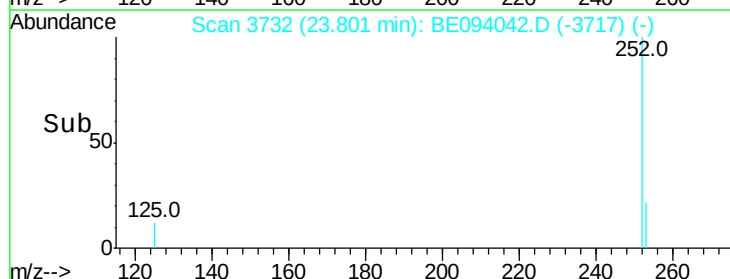
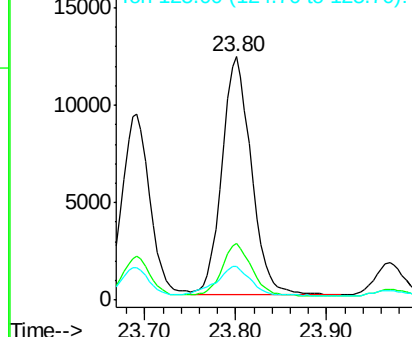
252 100

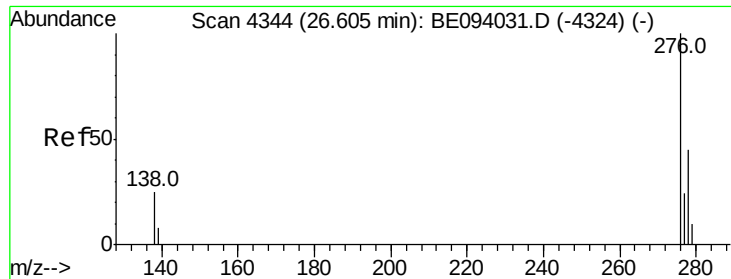
253 23.4 28.5 42.7#

125 13.9 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: 0.386 ng/ul

RT: 26.56 min Scan# 4335

Delta R.T. -0.04 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3

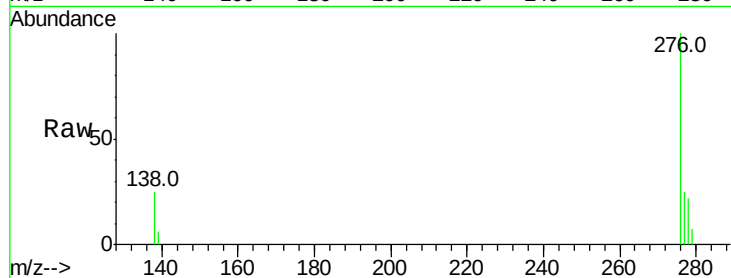
Tot Ion:276 Resp: 16950

Ion Ratio Lower Upper

276 100

138 23.5 28.0 42.0#

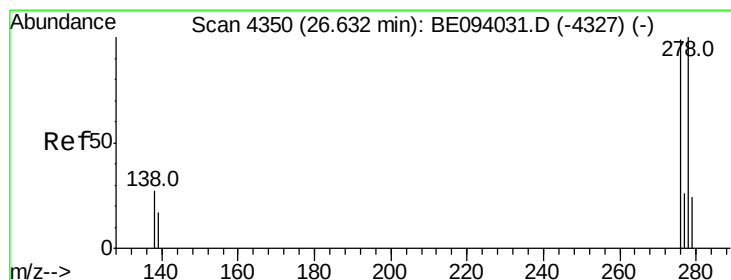
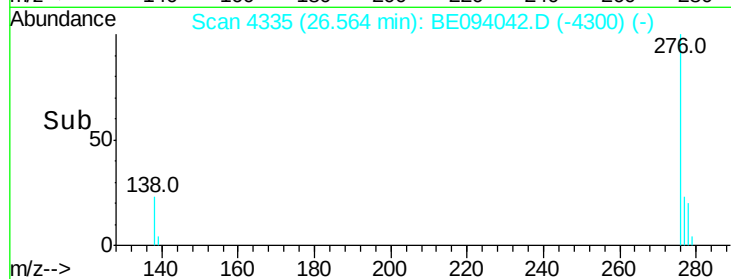
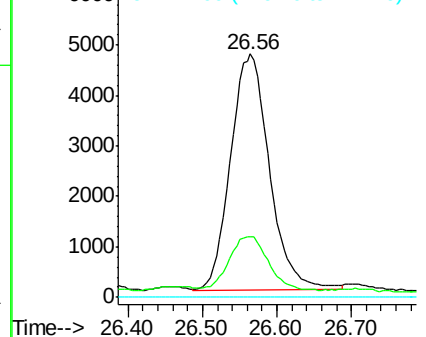
227 0.0 8.0 12.0#



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: 0.115 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.06 min

Lab File: BE094042.D

Acq: 20 Sep 2017 21:26

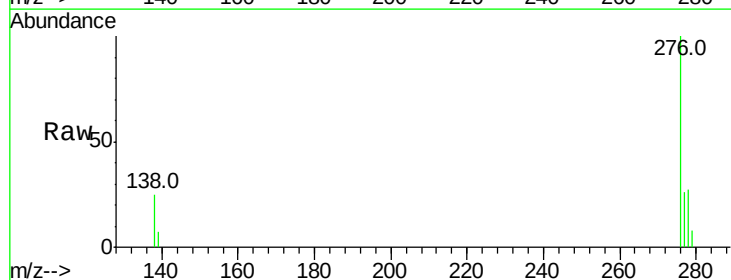
Tgt Ion:278 Resp: 4233

Ion Ratio Lower Upper

278 100

139 25.8 17.4 26.0

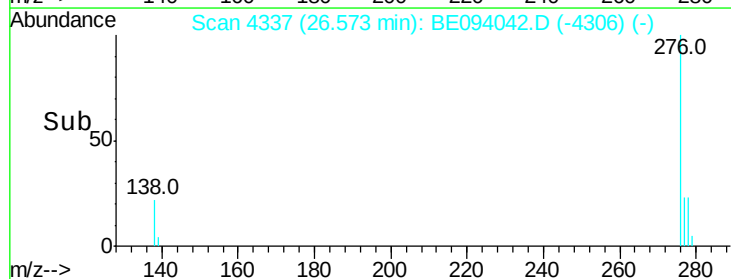
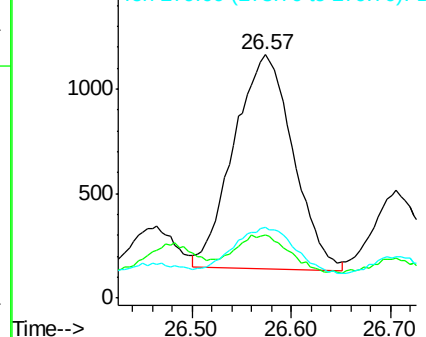
279 29.0 25.9 38.9

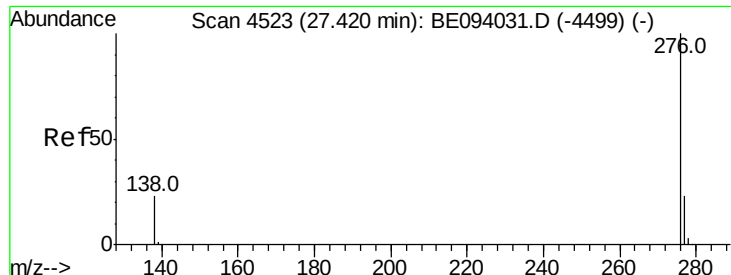


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.445 ng/ul

RT: 27.38 min Scan# 4513

Delta R.T. -0.04 min

Lab File: BE094042.D

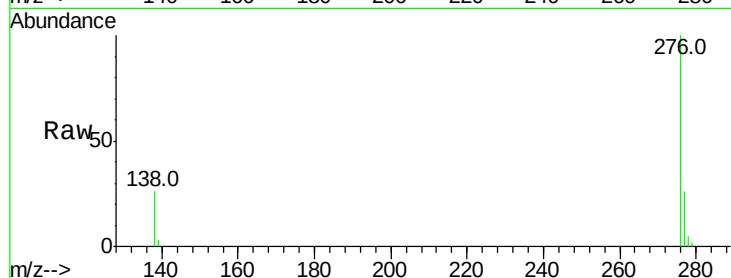
Acq: 20 Sep 2017 21:26

Instrument :

BNA_E

ClientSampleId :

CB3B3



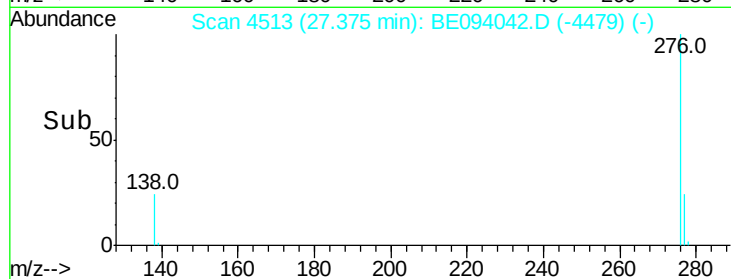
Tot Ion:276 Resp: 16851

Ion Ratio Lower Upper

276 100

138 26.4 21.8 32.8

277 25.6 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

