

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
 Data File : BE094045.D
 Acq On : 20 Sep 2017 23:16
 Operator : SJ/JU
 Sample : I5283-21 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CB3C4

Quant Time: Sep 21 06:29:17 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

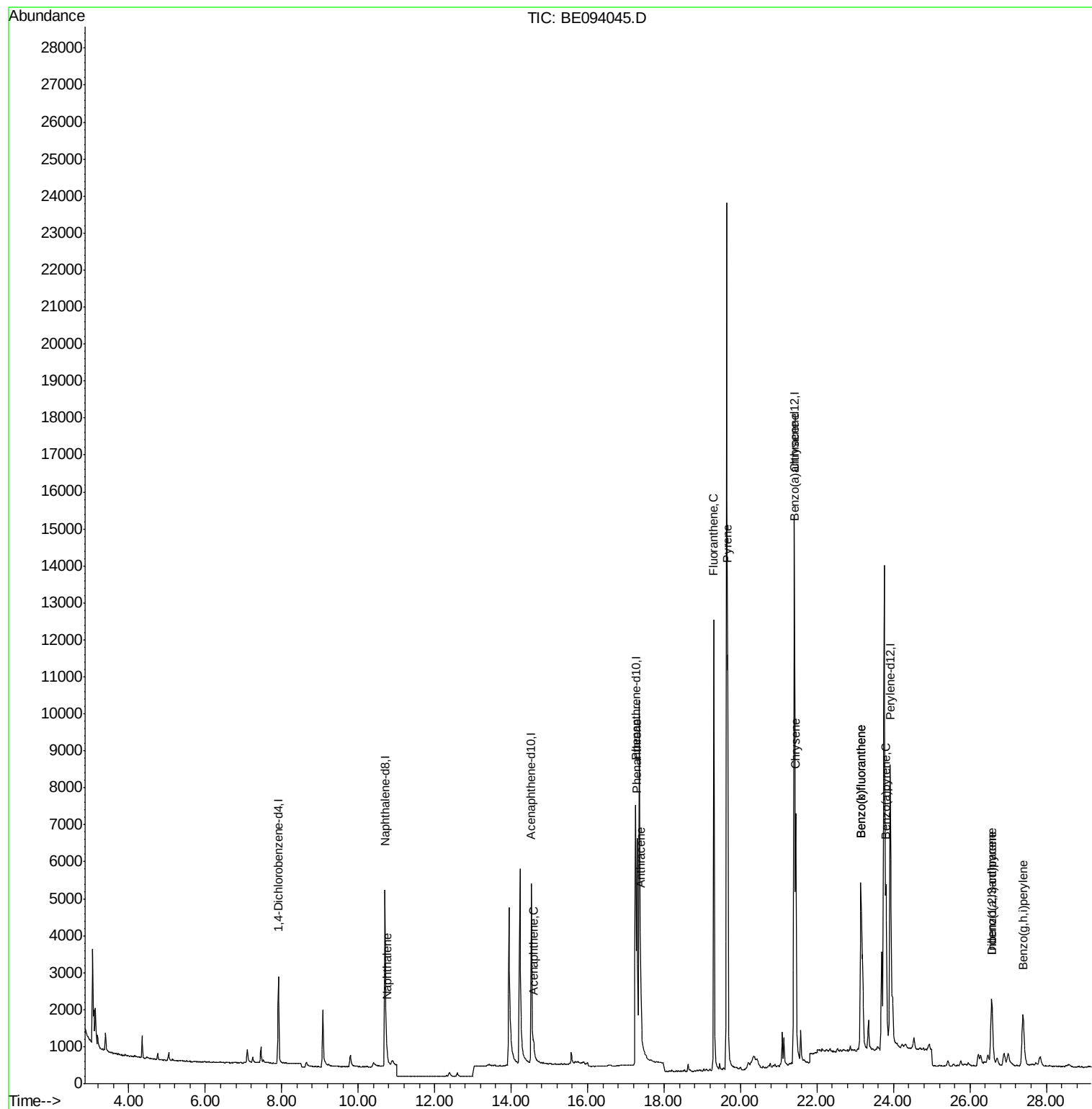
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1336	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6554	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3995	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.26	188	10945	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	13841	0.40	ng/ul	-0.01
20) Perylene-d12	23.92	264	13068	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	73	0.01	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	271	0.01	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	446	0.028	ng/ul#	65
8) Acenaphthene	14.59	153	328	0.026	ng/ul#	90
12) Phenanthrene	17.29	178	7652	0.268	ng/ul#	88
13) Anthracene	17.38	178	1715	0.062	ng/ul#	93
15) Fluoranthene	19.30	202	15261	0.406	ng/ul	85
17) Pyrene	19.66	202	14140	0.367	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	7757	0.211	ng/ul#	88
19) Chrysene	21.45	228	7667	0.181	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	12636	0.356	ng/ul	91
22) Benzo(k)fluoranthene	23.15	252	12636	0.308	ng/ul	93
23) Benzo(a)pyrene	23.80	252	6201	0.168	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.57	276	3739	0.099	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	916	0.029	ng/ul#	64
26) Benzo(g,h,i)perylene	27.38	276	3842	0.118	ng/ul	93

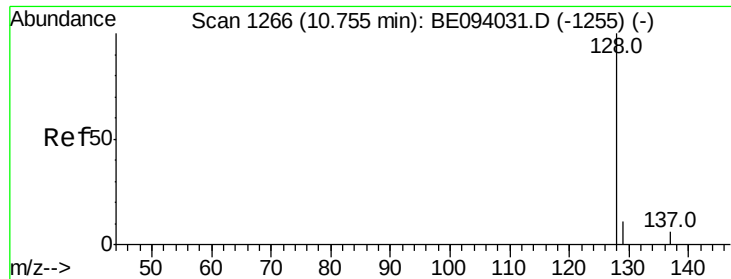
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

Instrument :

BNA_E

ClientSampleId :

CB3C4

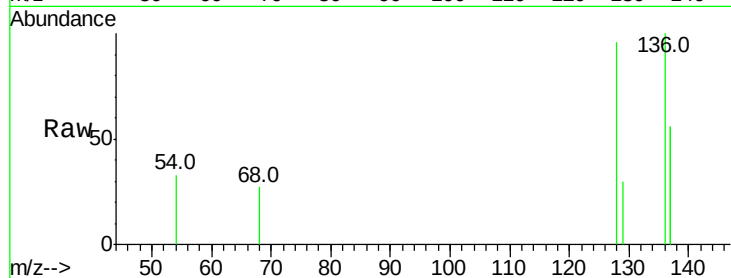
Tot Ion:128 Resp: 446

Ion Ratio Lower Upper

128 100

129 31.4 11.3 16.9#

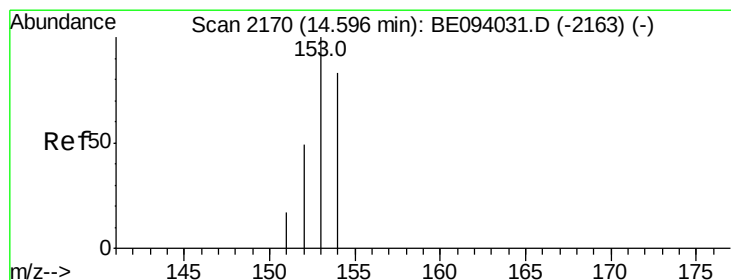
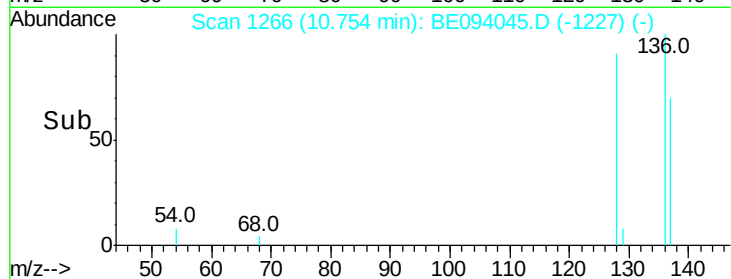
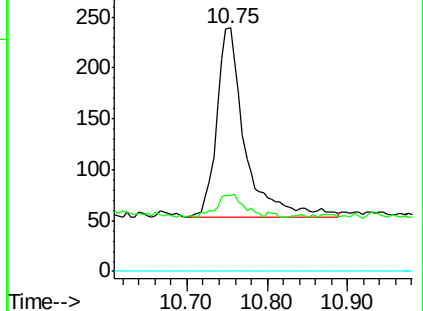
127 0.0 4.0 6.0#



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



#8

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

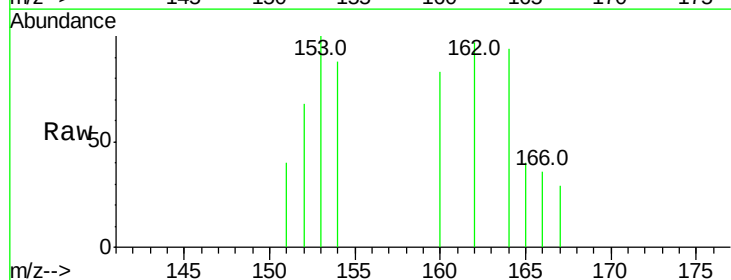
Tgt Ion:153 Resp: 328

Ion Ratio Lower Upper

153 100

152 67.6 40.3 60.5#

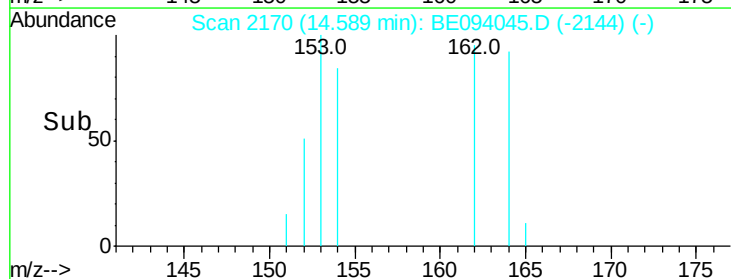
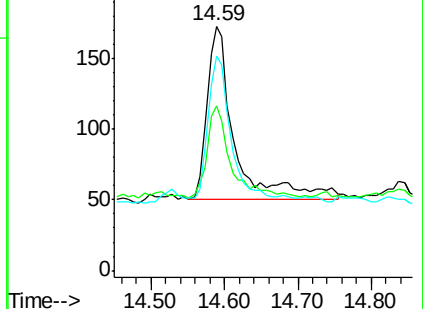
154 87.9 71.4 107.2

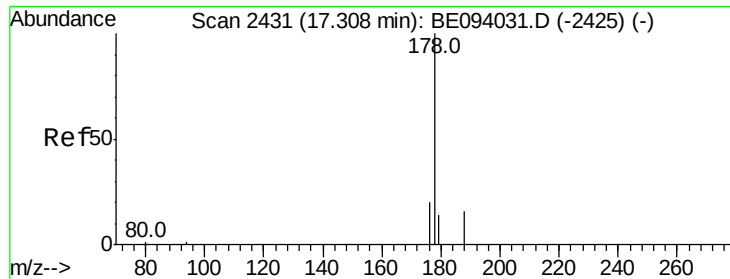


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Phenanthrene

Concen: 0.268 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

Instrument :

BNA_E

ClientSampleId :

CB3C4

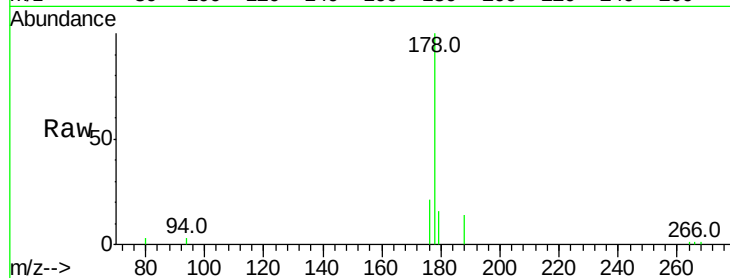
Tot Ion:178 Resp: 7652

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

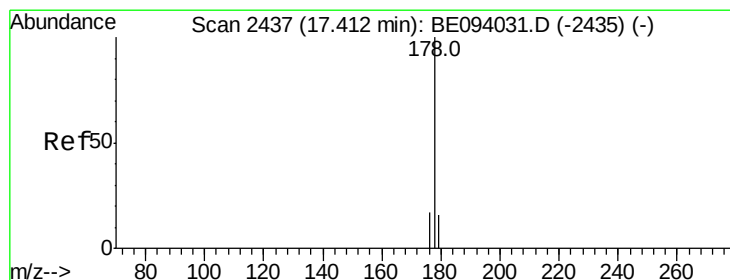
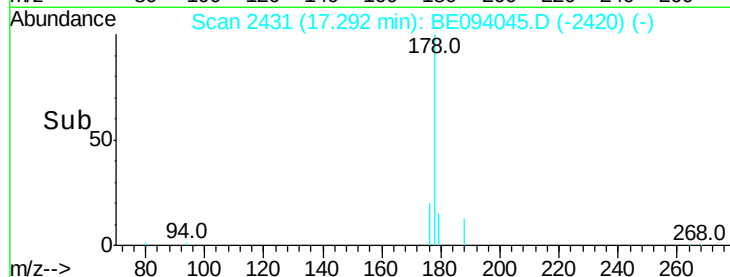
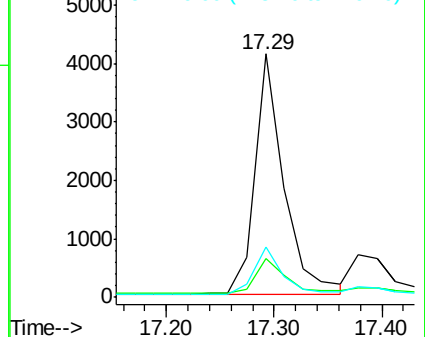
176 20.6 13.6 20.4#



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



#13

Anthracene

Concen: 0.062 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.03 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

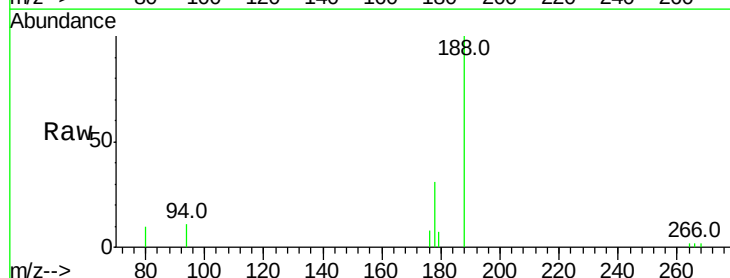
Tgt Ion:178 Resp: 1715

Ion Ratio Lower Upper

178 100

179 22.7 18.1 27.1

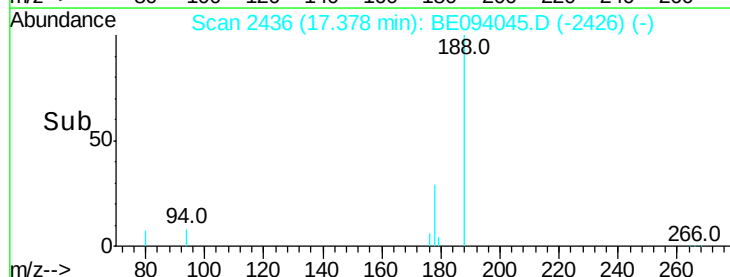
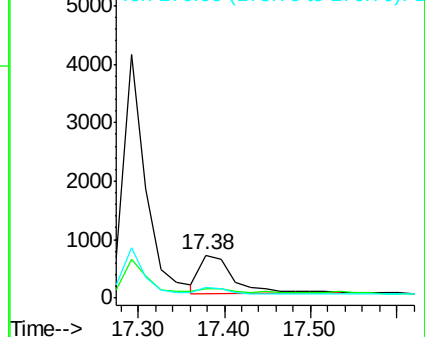
176 25.7 14.7 22.1#

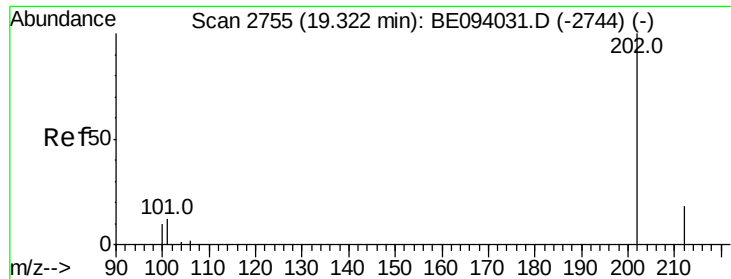


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

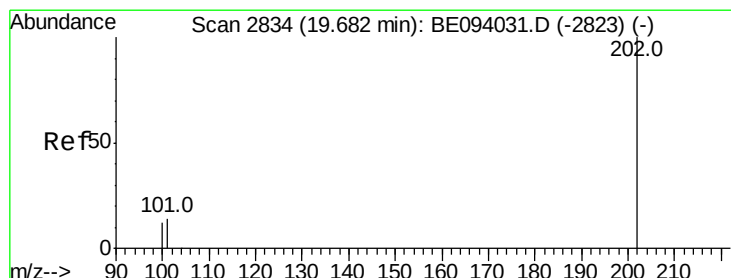
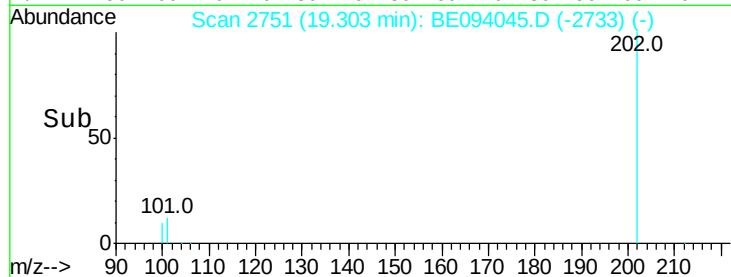
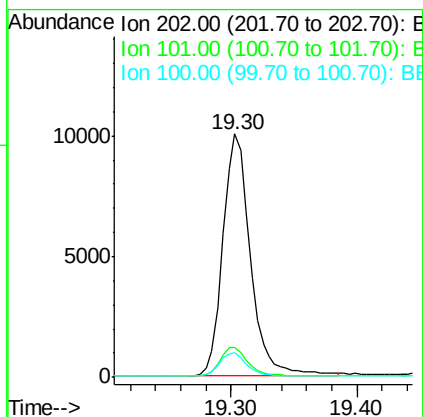
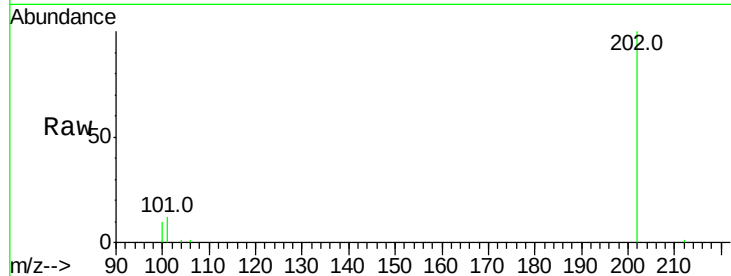




#15
Fluoranthene
 Concen: 0.406 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.02 min
 Lab File: BE094045.D
 Acq: 20 Sep 2017 23:16

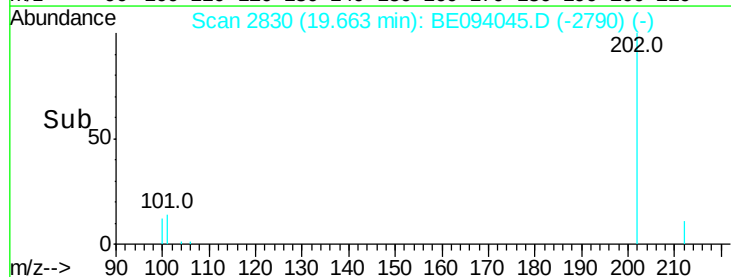
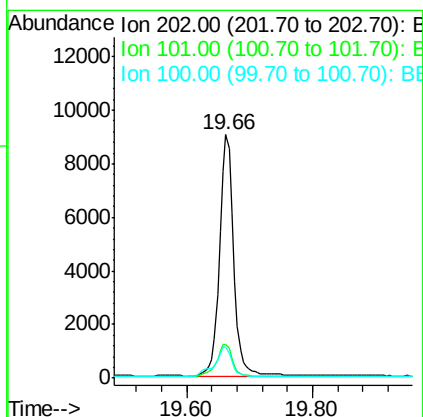
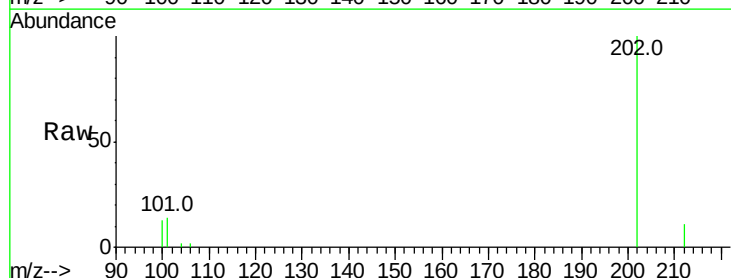
Instrument :
 BNA_E
 ClientSampleId :
 CB3C4

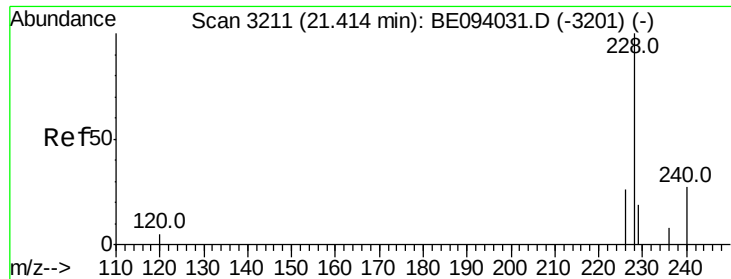
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	10.1	0.0	39.5



#17
Pyrene
 Concen: 0.367 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BE094045.D
 Acq: 20 Sep 2017 23:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.211 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.02 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

Instrument :

BNA_E

ClientSampleId :

CB3C4

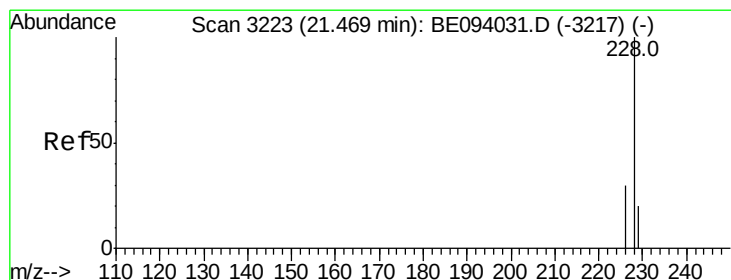
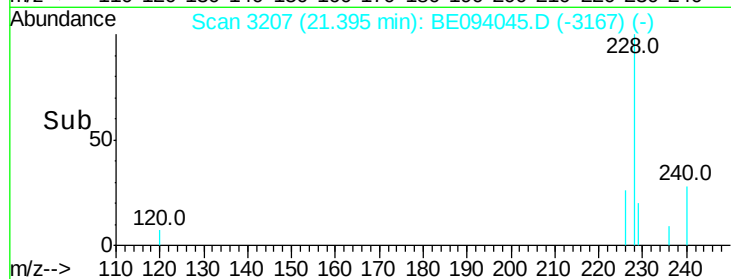
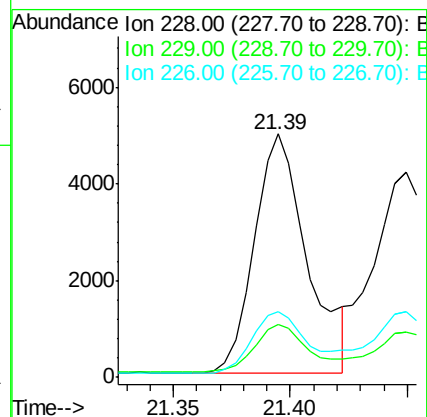
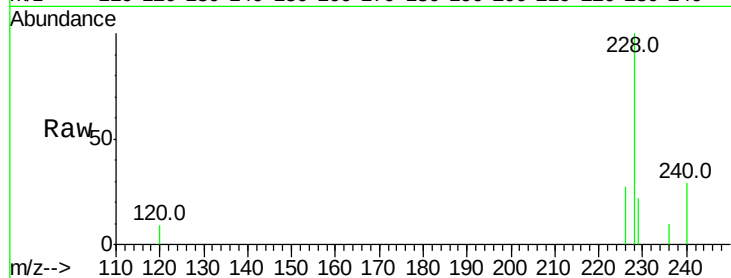
Tot Ion:228 Resp: 7757

Ion Ratio Lower Upper

228 100

229 21.9 22.8 34.2#

226 27.1 17.0 25.6#



#19

Chrysene

Concen: 0.181 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

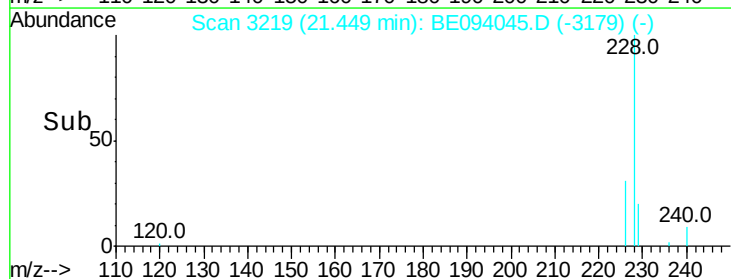
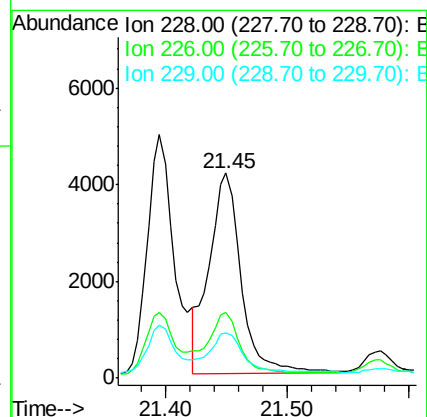
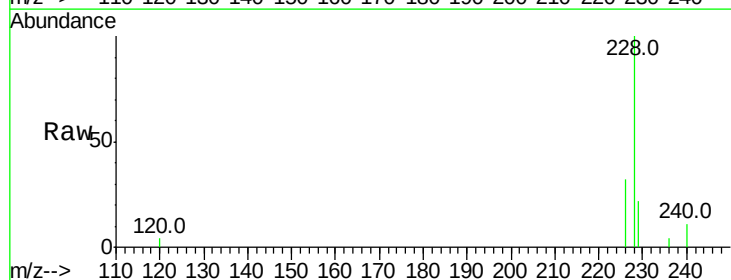
Tgt Ion:228 Resp: 7667

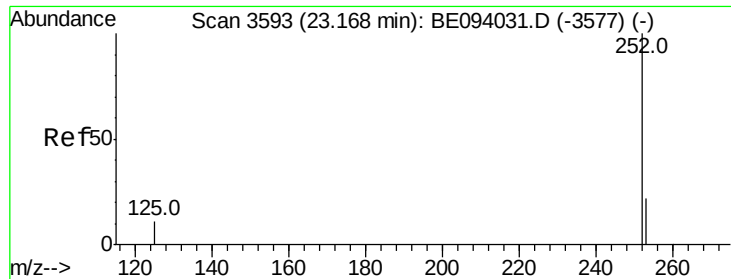
Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.0

229 22.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.356 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

Instrument :

BNA_E

ClientSampleId :

CB3C4

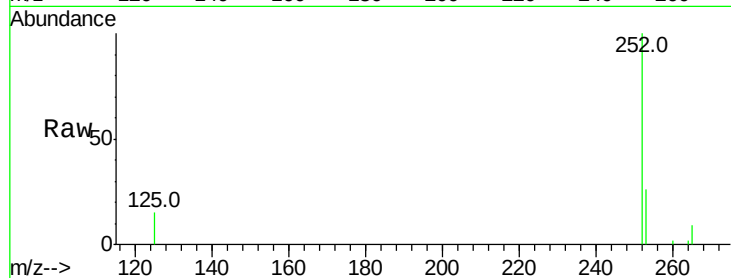
Tot Ion:252 Resp: 12636

Ion Ratio Lower Upper

252 100

253 26.1 0.0 64.2

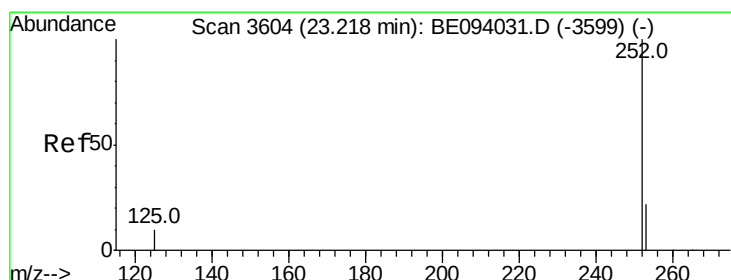
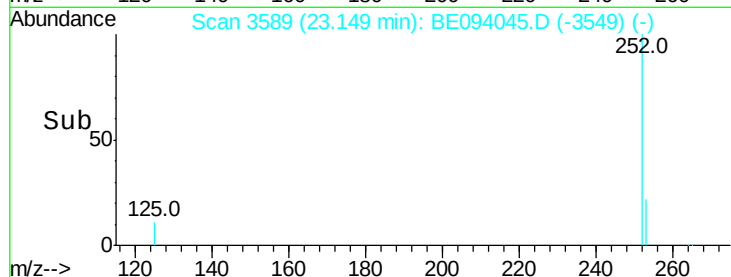
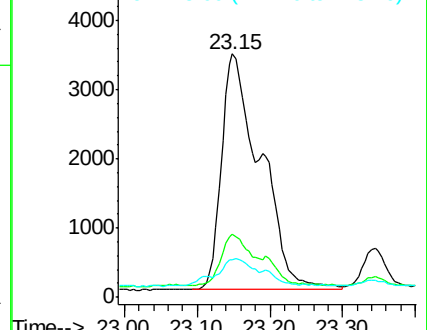
125 15.4 0.0 35.0



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: 0.308 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.07 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

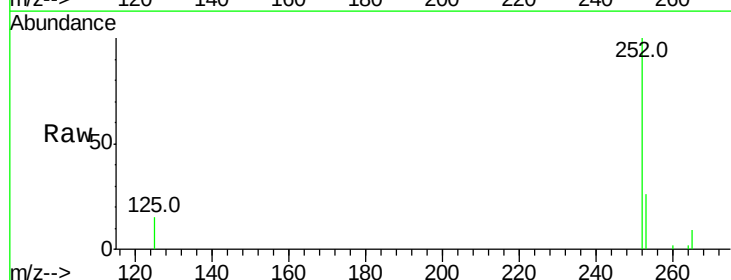
Tgt Ion:252 Resp: 12636

Ion Ratio Lower Upper

252 100

253 26.1 24.5 36.7

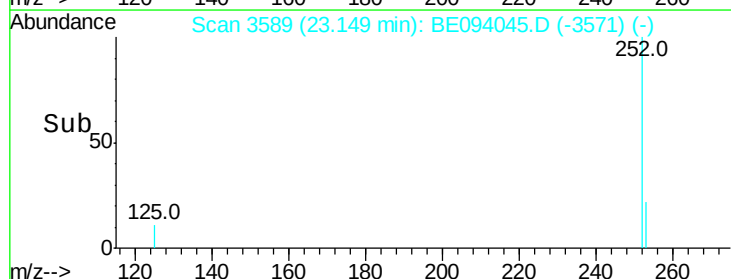
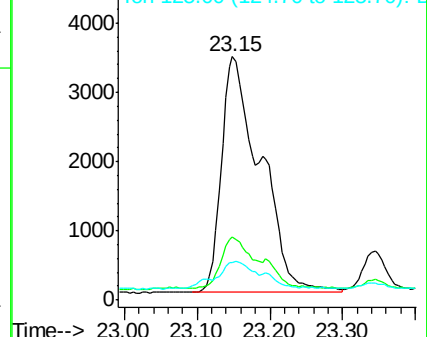
125 15.4 13.7 20.5

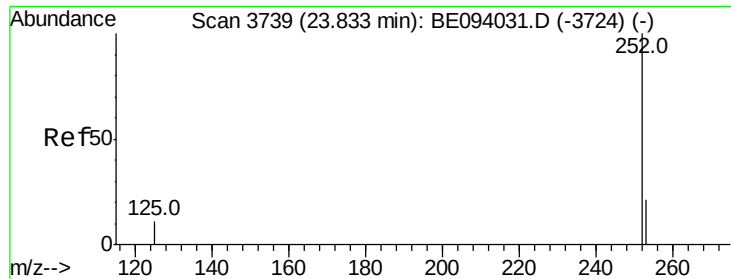


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.168 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.03 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

Instrument :

BNA_E

ClientSampleId :

CB3C4

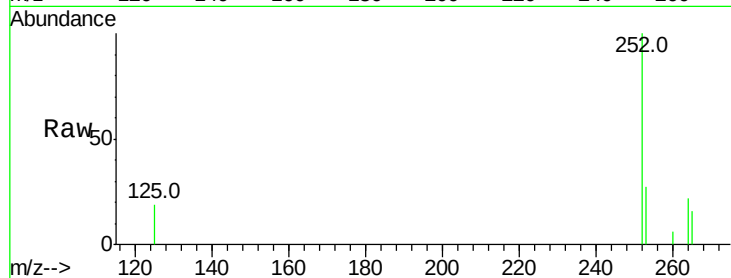
Tot Ion:252 Resp: 6201

Ion Ratio Lower Upper

252 100

253 26.9 28.5 42.7#

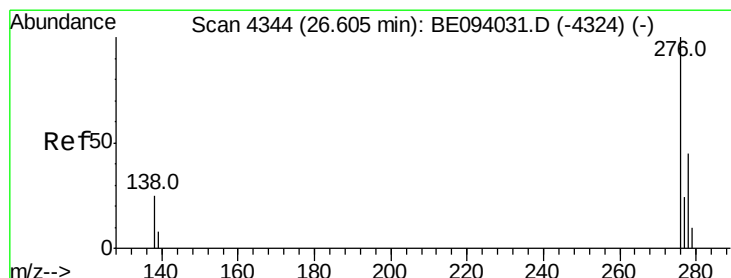
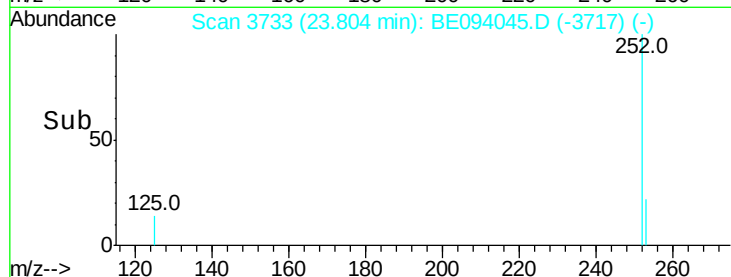
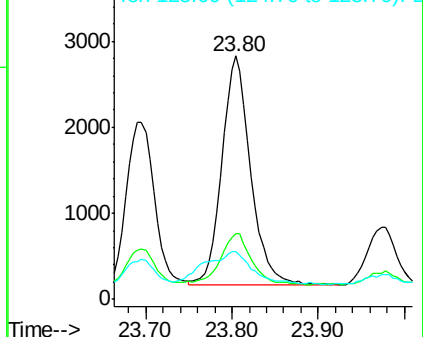
125 19.5 18.1 27.1



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: 0.099 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.04 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

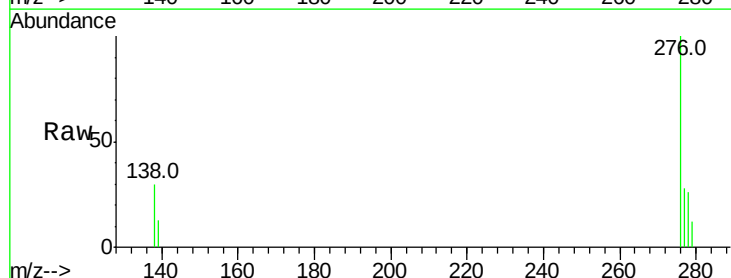
Tgt Ion:276 Resp: 3739

Ion Ratio Lower Upper

276 100

138 23.6 28.0 42.0#

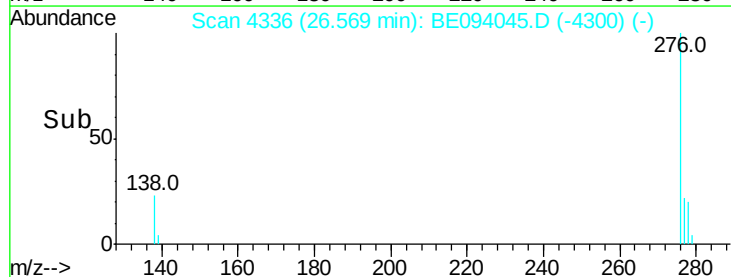
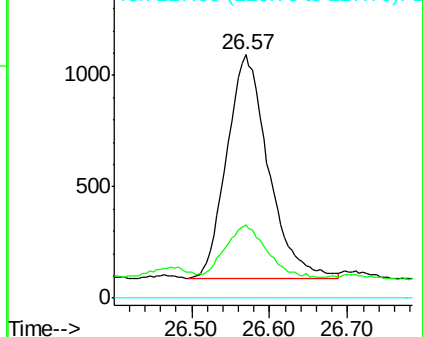
227 0.0 8.0 12.0#

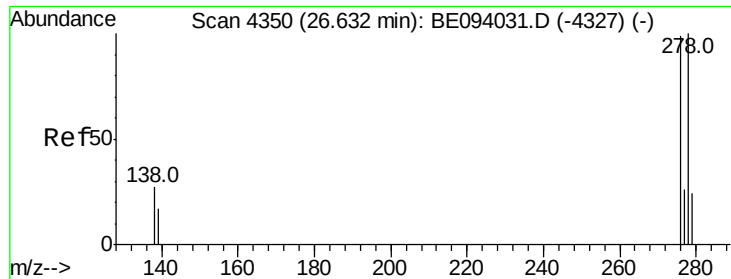


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.06 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

Instrument :

BNA_E

ClientSampleId :

CB3C4

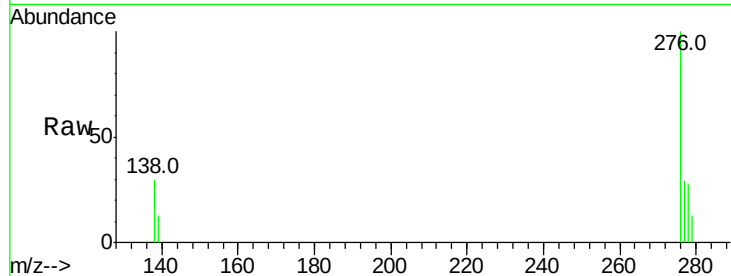
Tot Ion:278 Resp: 916

Ion Ratio Lower Upper

278 100

139 45.9 17.4 26.0#

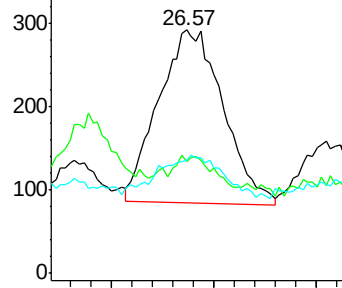
279 46.6 25.9 38.9#



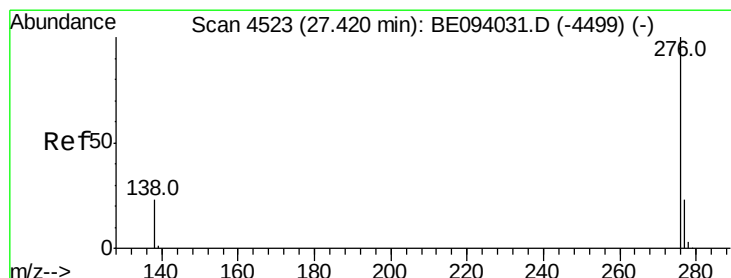
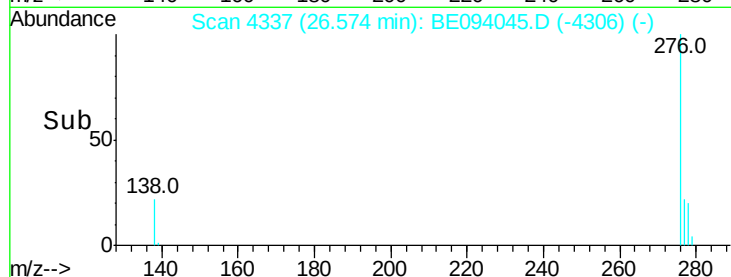
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.118 ng/ul

RT: 27.38 min Scan# 4515

Delta R.T. -0.04 min

Lab File: BE094045.D

Acq: 20 Sep 2017 23:16

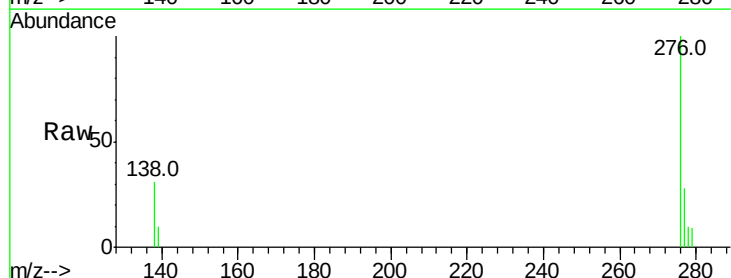
Tgt Ion:276 Resp: 3842

Ion Ratio Lower Upper

276 100

138 31.4 21.8 32.8

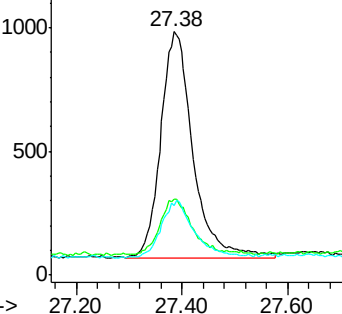
277 28.5 20.5 30.7



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



Time-->

