

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094365.D
 Acq On : 14 Oct 2017 21:13
 Operator : SJ/JU
 Sample : I5490-08DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:09:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

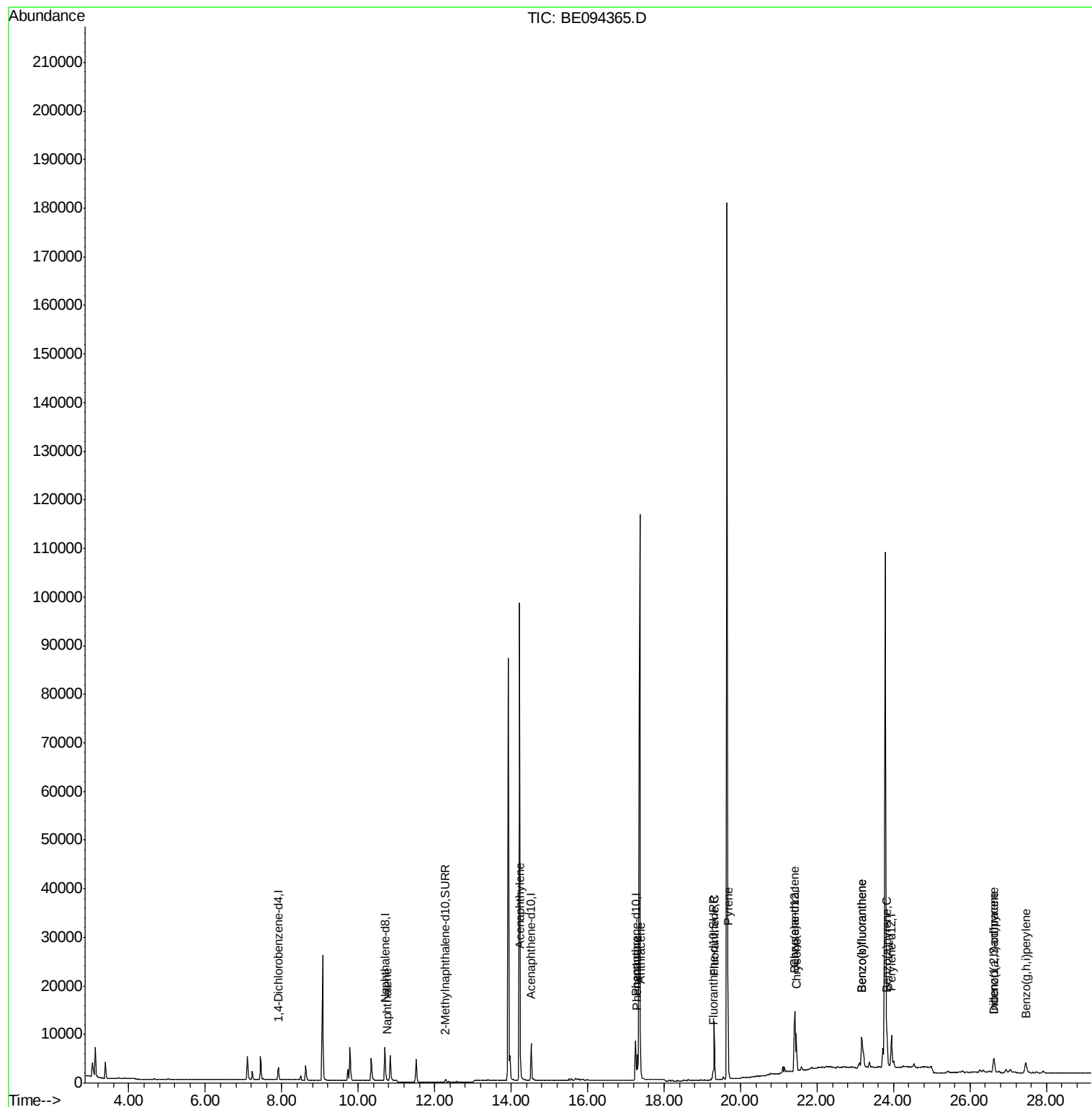
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1339	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	7292	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10113	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10513	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	10330	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	775	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2264	0.07	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	443	0.025	ng/ul#	64
7) Acenaphthylene	14.24	152	400	0.023	ng/ul#	64
12) Phenanthrene	17.29	178	6130	0.232	ng/ul#	88
13) Anthracene	17.38	178	1273	0.050	ng/ul#	81
15) Fluoranthene	19.31	202	14154	0.408	ng/ul	84
17) Pyrene	19.67	202	14435	0.493	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	7816	0.280	ng/ul#	88
19) Chrysene	21.46	228	8449	0.262	ng/ul#	86
21) Benzo(b)fluoranthene	23.17	252	15324	0.546	ng/ul	88
22) Benzo(k)fluoranthene	23.17	252	15324	0.472	ng/ul#	86
23) Benzo(a)pyrene	23.83	252	7430	0.255	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.62	276	5726	0.192	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.63	278	1442	0.058	ng/ul#	12
26) Benzo(g,h,i)perylene	27.46	276	5238	0.204	ng/ul#	72

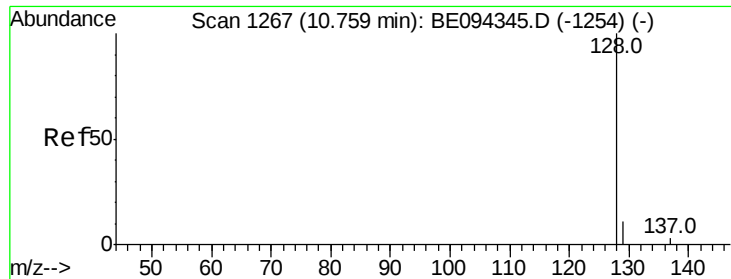
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampled :

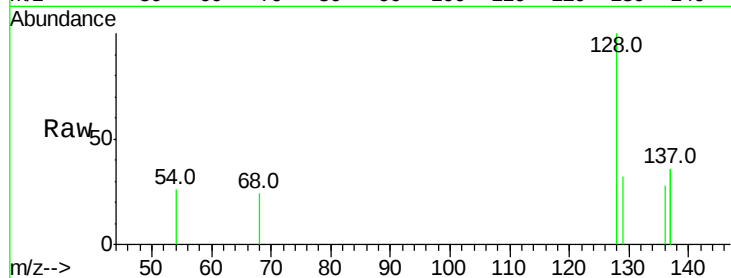
Tot Ion:128 Resp: 443

Ion Ratio Lower Upper

128 100

129 31.8 11.3 16.9#

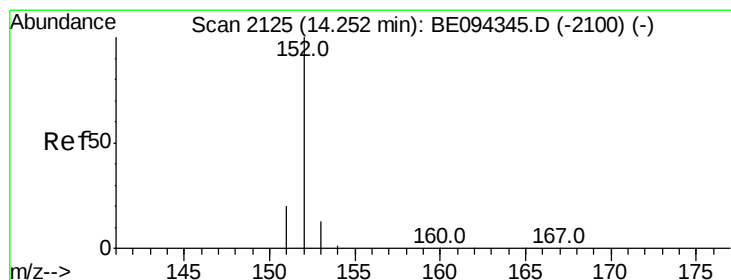
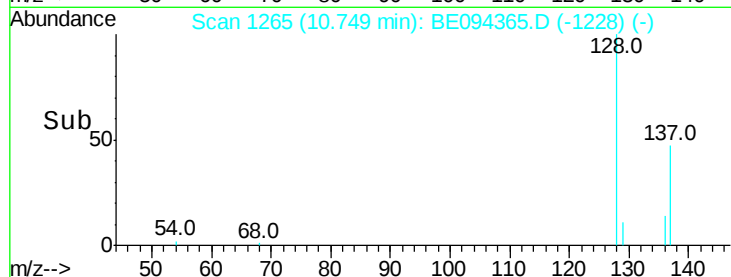
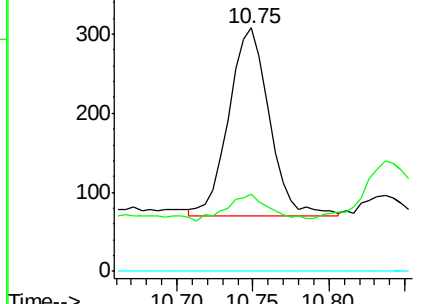
127 0.0 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

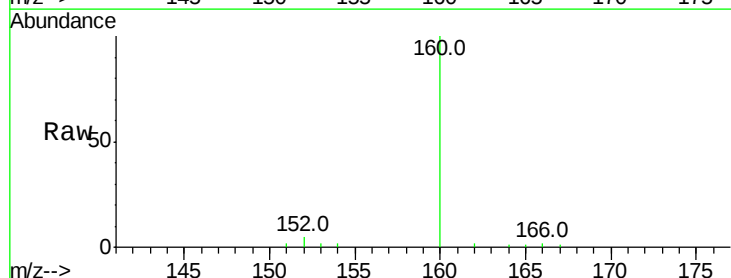
Tgt Ion:152 Resp: 400

Ion Ratio Lower Upper

152 100

151 36.6 17.1 25.7#

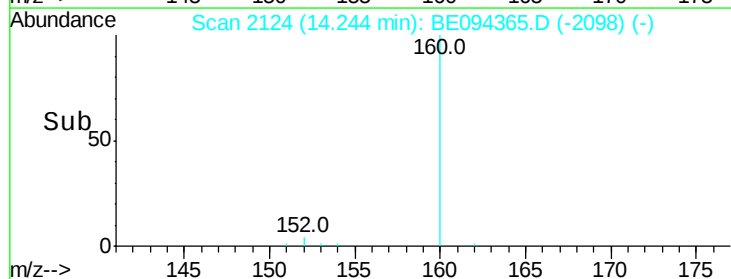
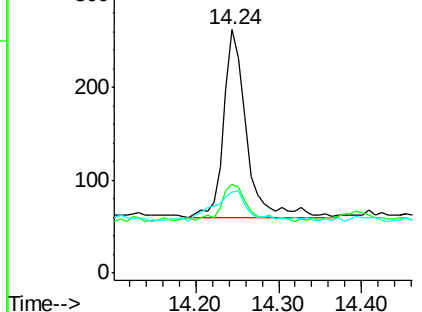
153 33.2 12.8 19.2#

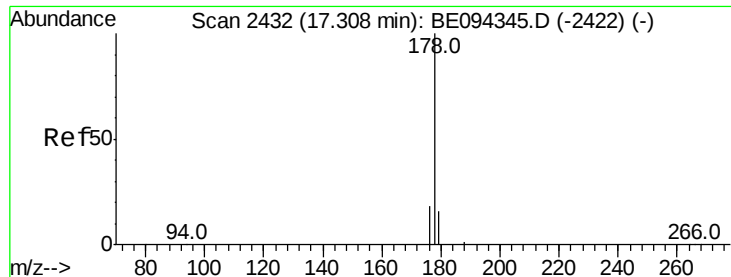


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.232 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

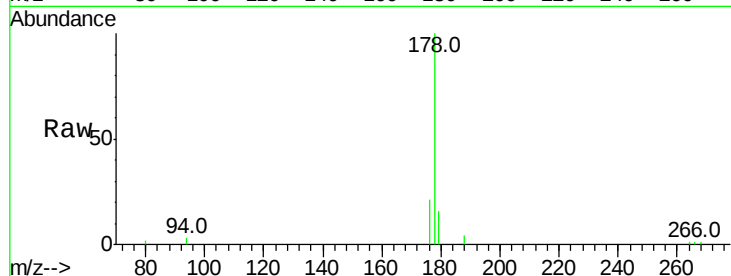
Tot Ion:178 Resp: 6130

Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

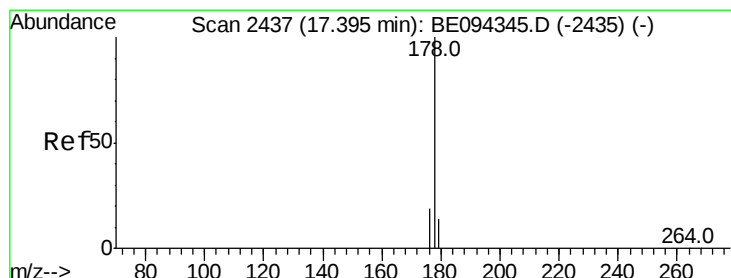
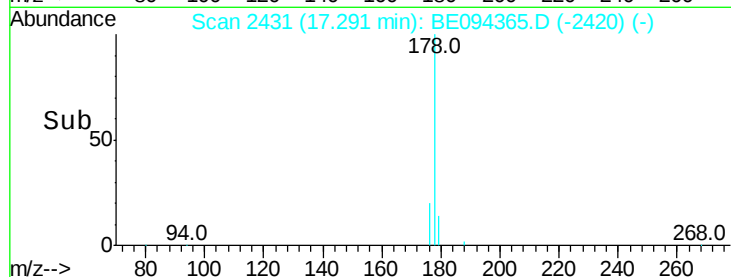
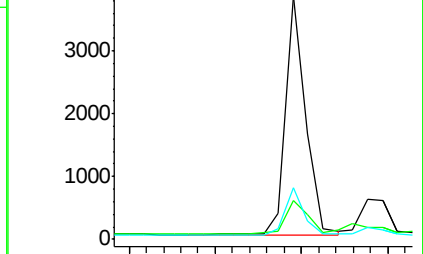
176 21.1 13.6 20.4#



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: 0.050 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

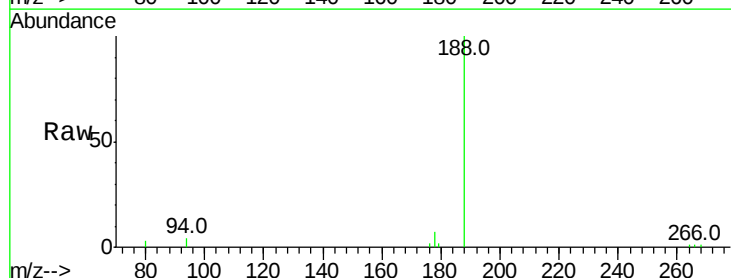
Tgt Ion:178 Resp: 1273

Ion Ratio Lower Upper

178 100

179 29.9 18.1 27.1#

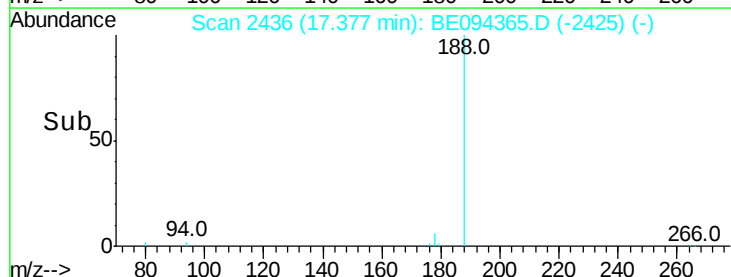
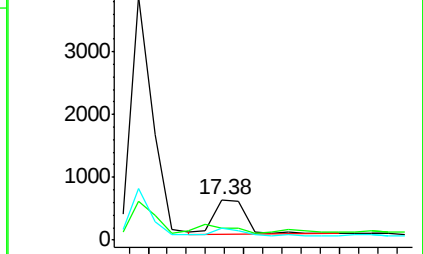
176 29.4 14.7 22.1#

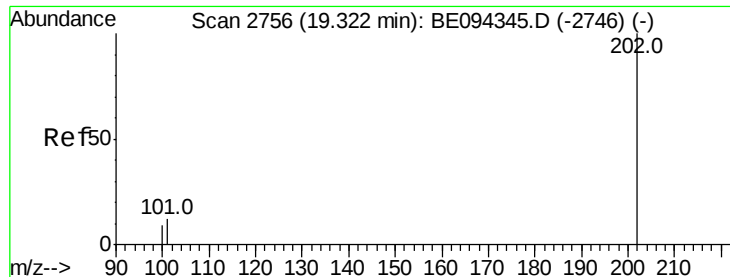


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.408 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

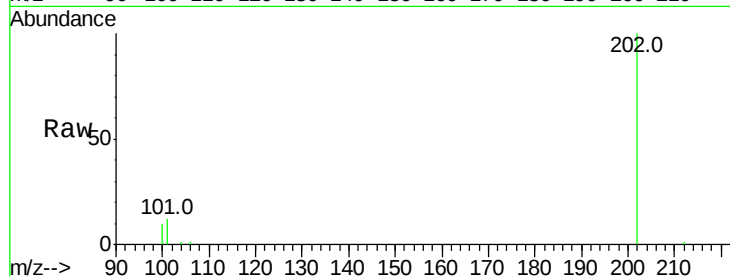
Tot Ion:202 Resp: 14154

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

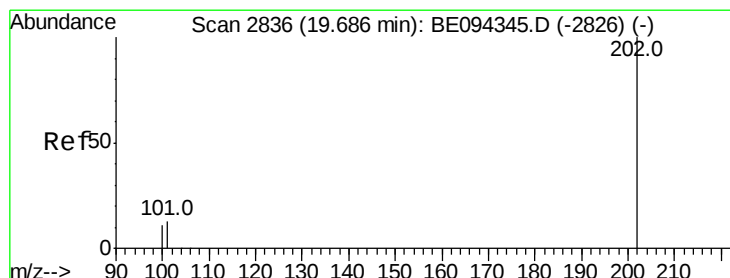
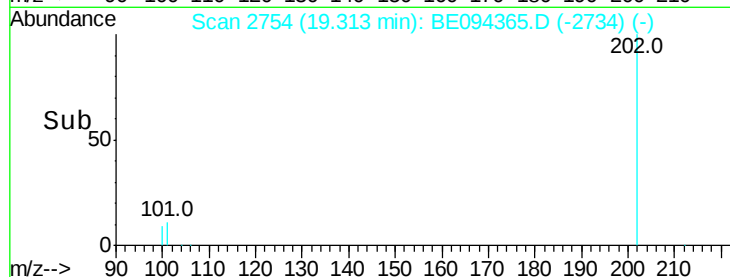
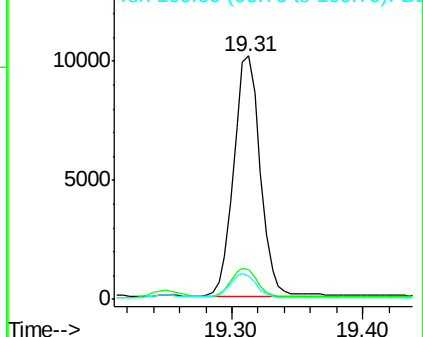
100 9.7 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.493 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

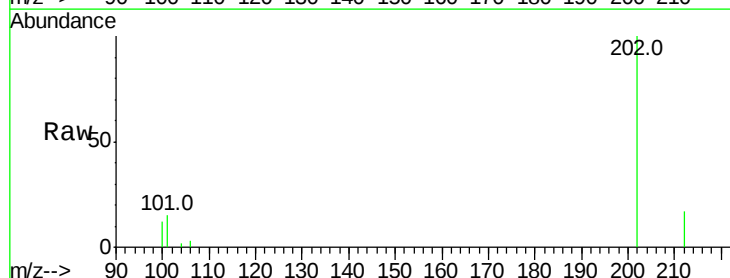
Tgt Ion:202 Resp: 14435

Ion Ratio Lower Upper

202 100

101 14.5 18.2 27.4#

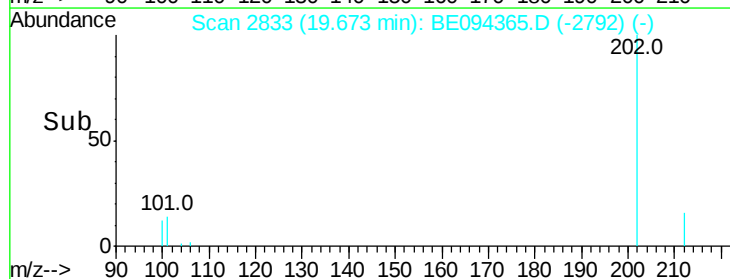
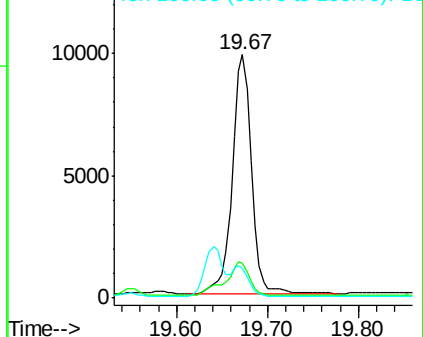
100 12.2 15.6 23.4#

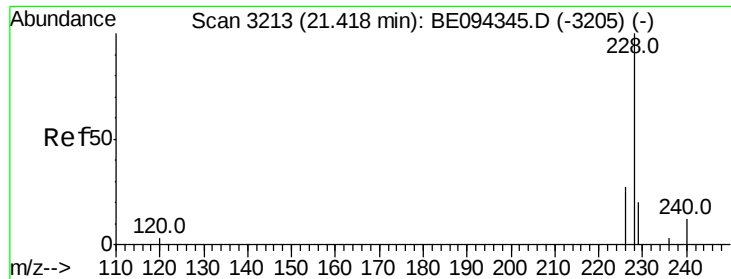


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.280 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

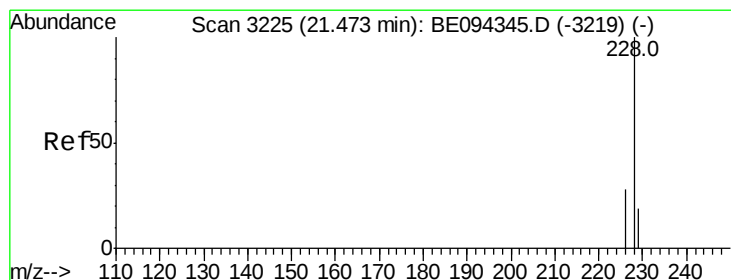
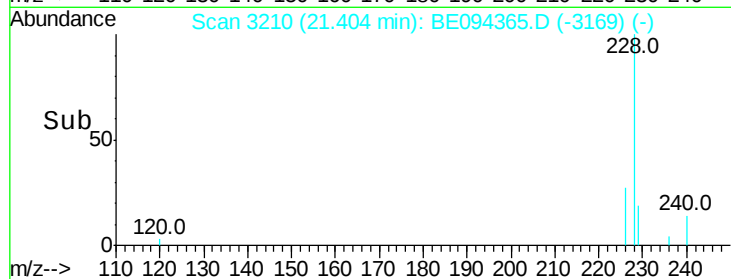
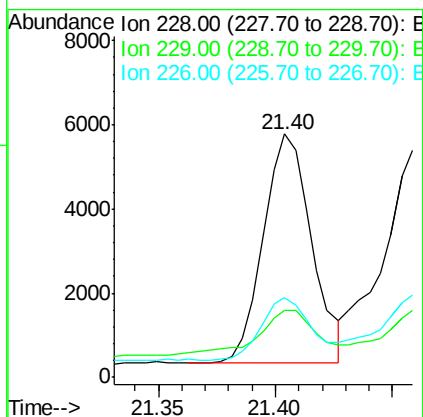
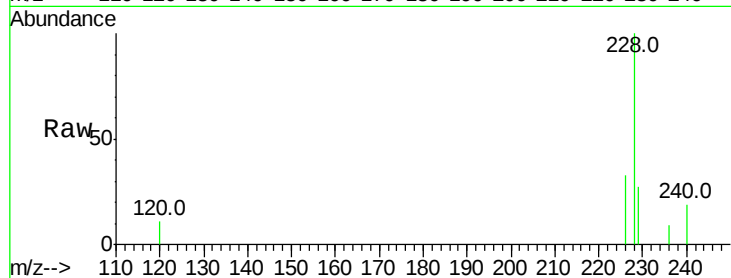
Tot Ion:228 Resp: 7816

Ion Ratio Lower Upper

228 100

229 27.4 22.8 34.2

226 32.9 17.0 25.6#



#19

Chrysene

Concen: 0.262 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

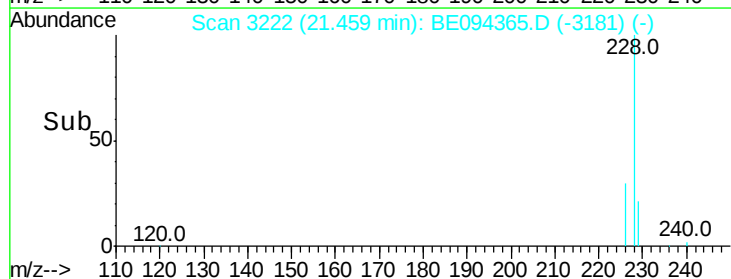
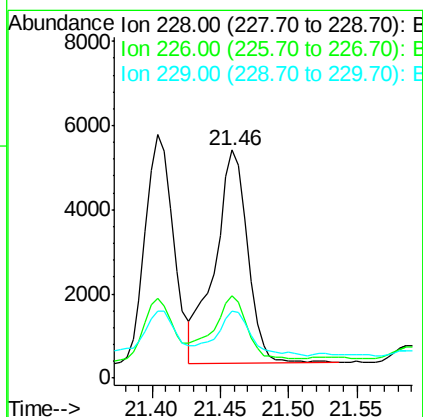
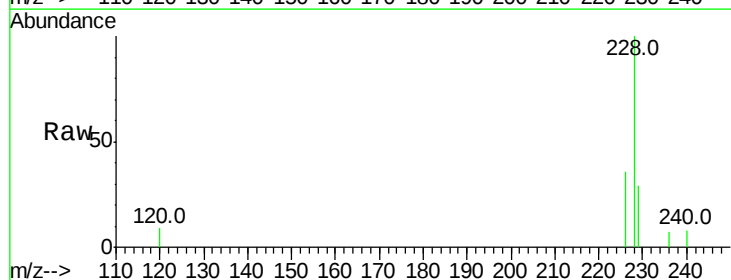
Tgt Ion:228 Resp: 8449

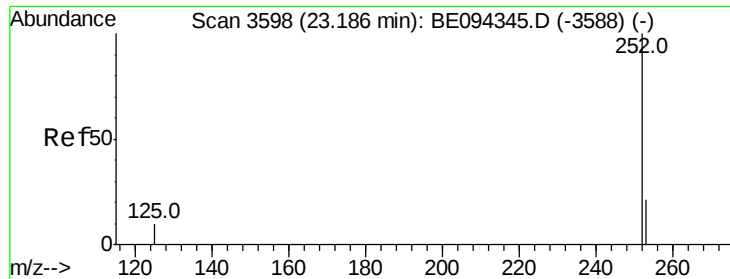
Ion Ratio Lower Upper

228 100

226 36.1 23.4 35.0#

229 29.5 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.546 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

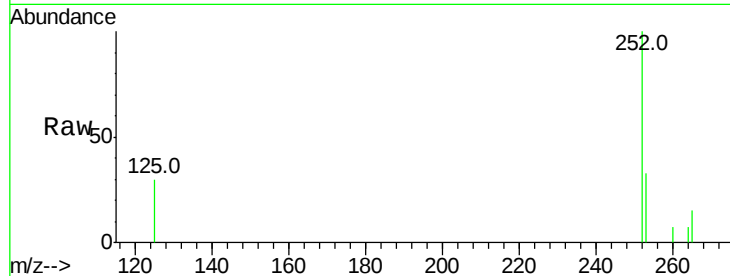
Tot Ion:252 Resp: 15324

Ion Ratio Lower Upper

252 100

253 33.3 0.0 64.2

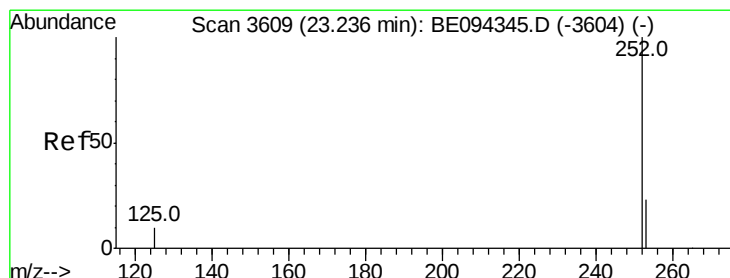
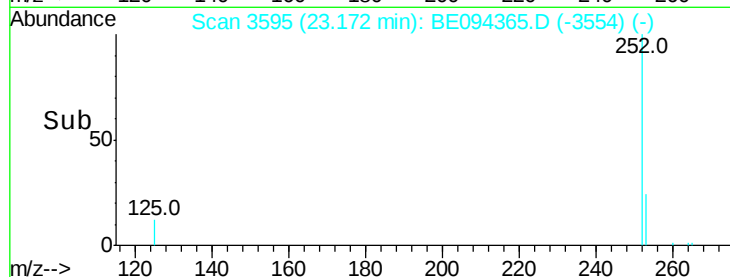
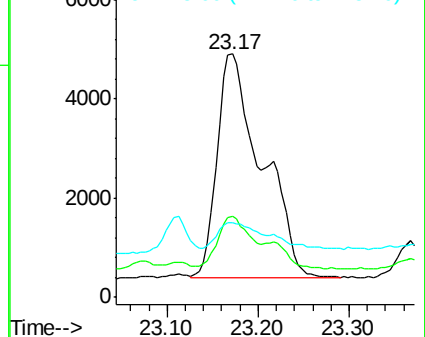
125 30.4 0.0 35.0



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: 0.472 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. -0.06 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

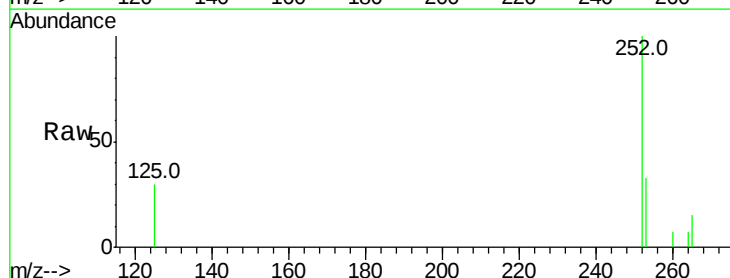
Tgt Ion:252 Resp: 15324

Ion Ratio Lower Upper

252 100

253 33.3 24.5 36.7

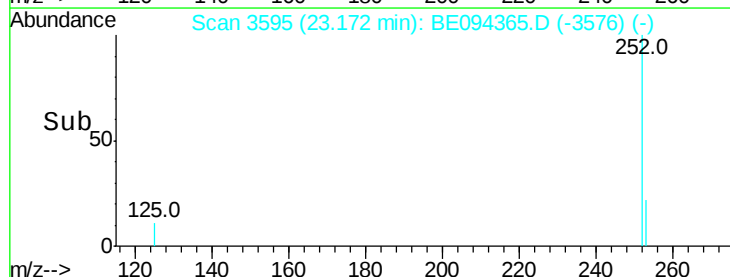
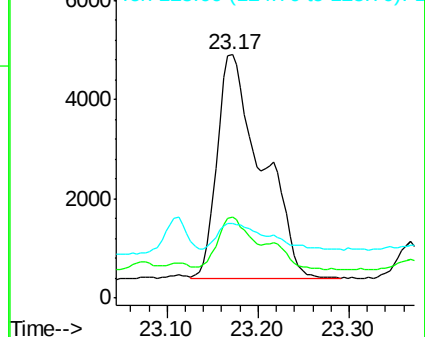
125 30.4 13.7 20.5#

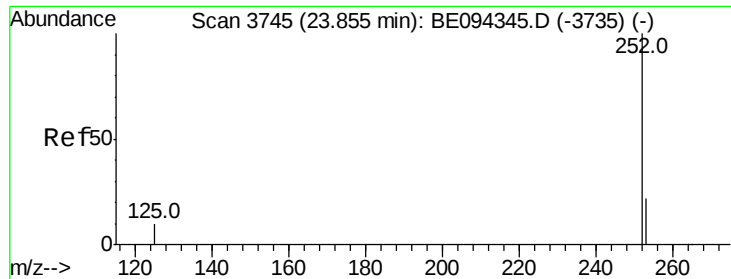


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.255 ng/ul

RT: 23.83 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampled :

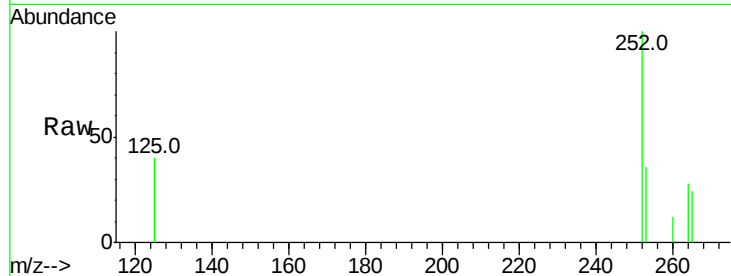
Tot Ion:252 Resp: 7430

Ion Ratio Lower Upper

252 100

253 35.7 28.5 42.7

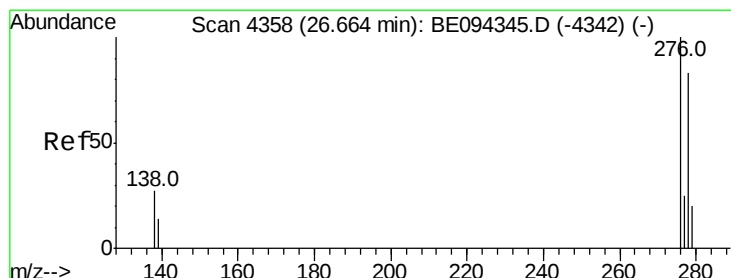
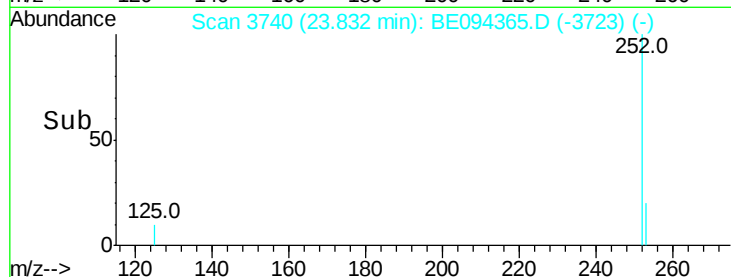
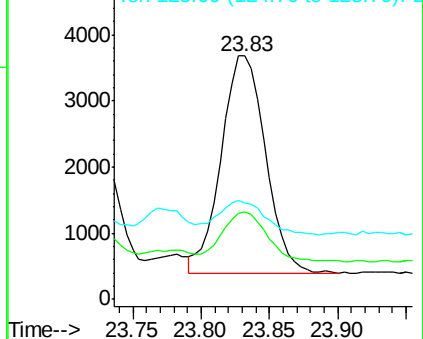
125 39.6 18.1 27.1#



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: 0.192 ng/ul

RT: 26.62 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

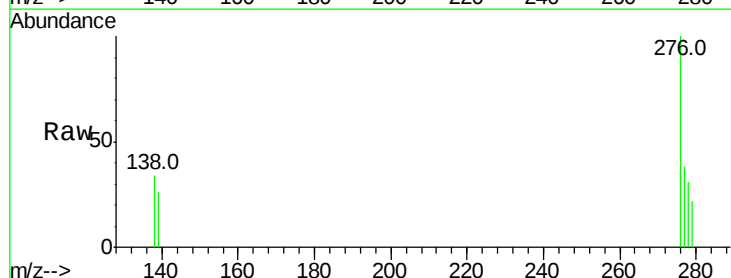
Tgt Ion:276 Resp: 5726

Ion Ratio Lower Upper

276 100

138 21.7 28.0 42.0#

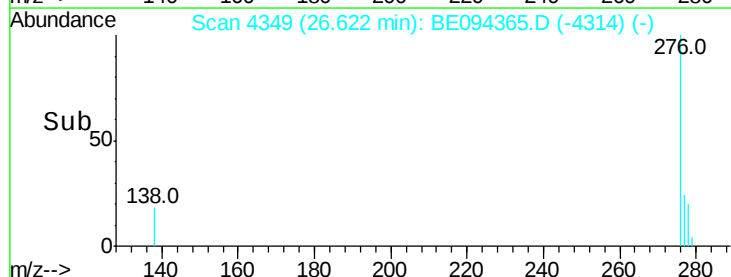
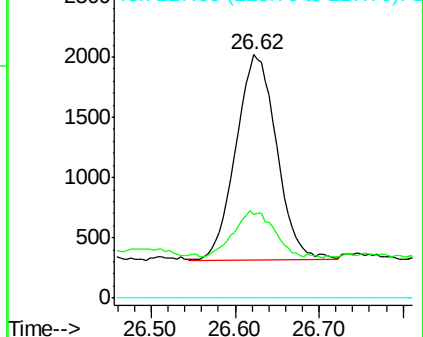
227 0.0 8.0 12.0#

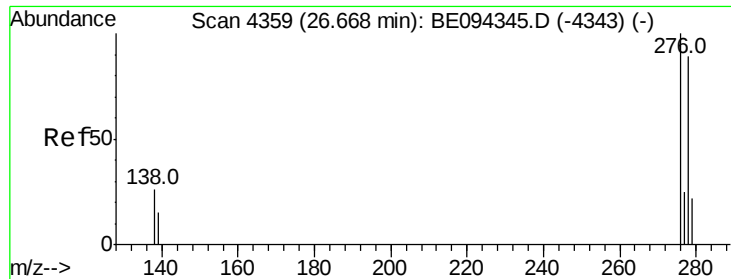


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.058 ng/u1

RT: 26.63 min Scan# 4350

Delta R.T. -0.04 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

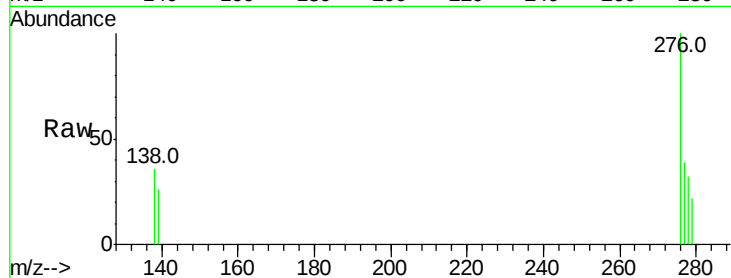
Tot Ion:278 Resp: 1442

Ion Ratio Lower Upper

278 100

139 80.3 17.4 26.0#

279 68.3 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

26.63

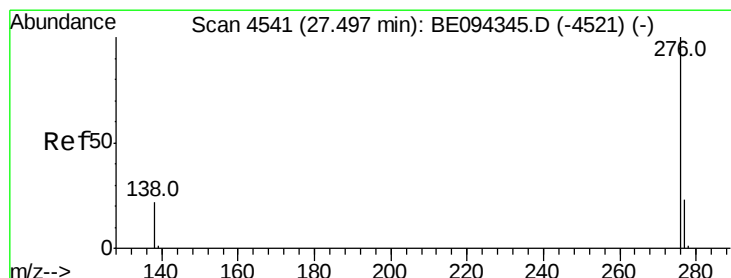
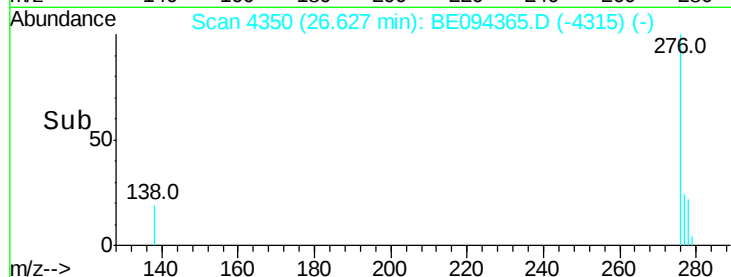
600

400

200

0

Time--> 26.50 26.60 26.70



#26

Benzo(g,h,i)perylene

Concen: 0.204 ng/u1

RT: 27.46 min Scan# 4532

Delta R.T. -0.04 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

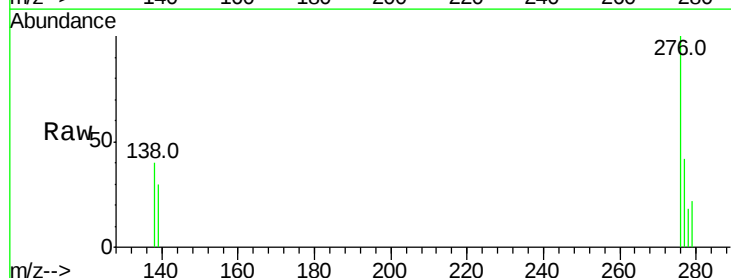
Tgt Ion:276 Resp: 5238

Ion Ratio Lower Upper

276 100

138 40.1 21.8 32.8#

277 41.6 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

27.46

2000

1500

1000

500

0

Time--> 27.30 27.40 27.50 27.60

