

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094657.D
 Acq On : 31 Oct 2017 14:22
 Operator : SJ/JU
 Sample : I5842-03DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 01:46:39 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 01:43:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1543	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9412	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5344	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11755	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12030	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11819	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	327	0.02	ng/ul	0.01
14) Fluoranthene-d10	19.28	212	744	0.02	ng/ul	0.00

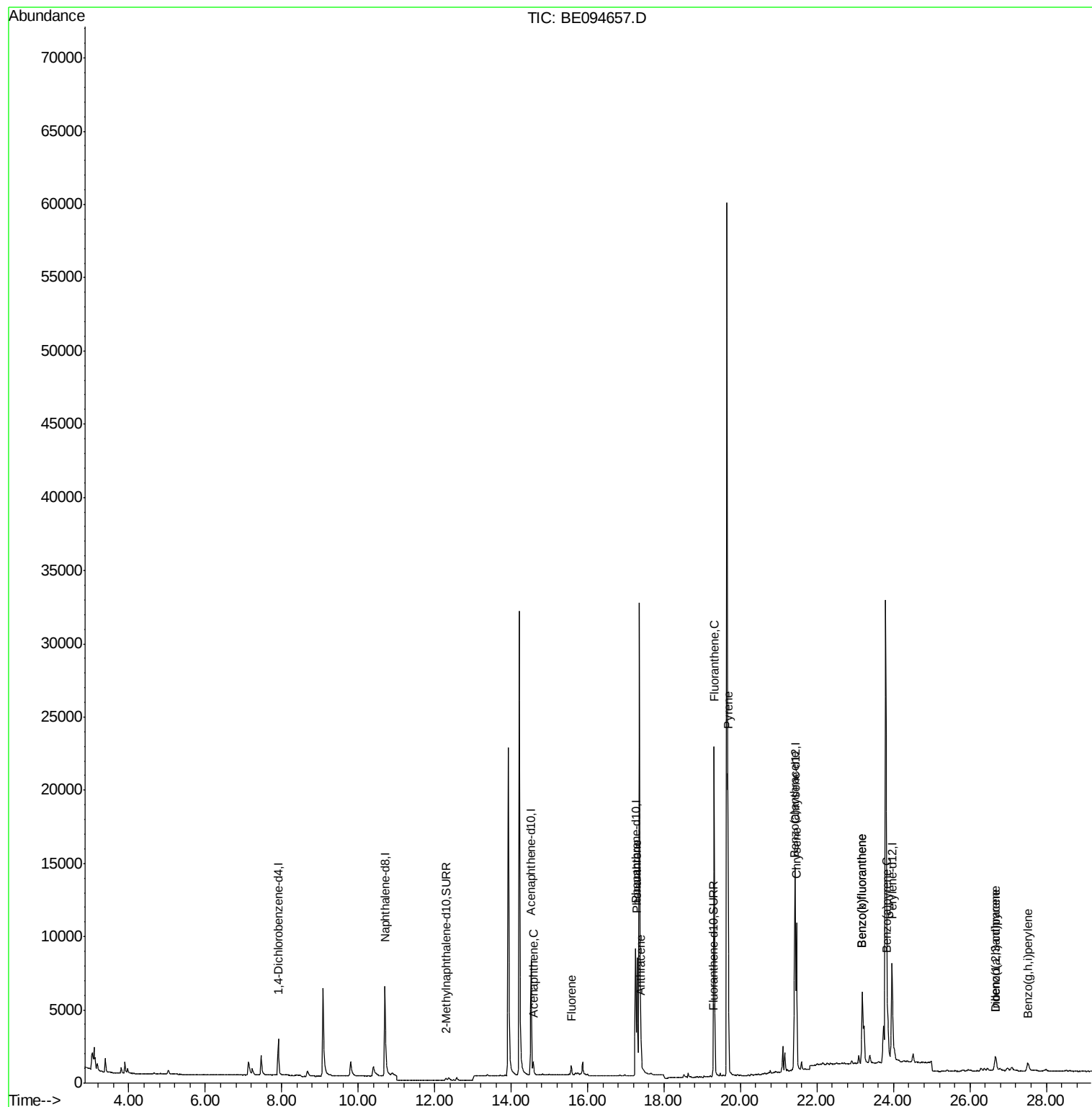
Target Compounds				Ovalue		
8) Acenaphthene	14.58	153	564	0.03	ng/ul#	93
9) Fluorene	15.57	166	485	0.02	ng/ul#	86
12) Phenanthrene	17.29	178	9976	0.32	ng/ul#	88
13) Anthracene	17.40	178	1919	0.06	ng/ul	94
15) Fluoranthene	19.31	202	28246	0.79	ng/ul	84
17) Pyrene	19.67	202	22284	0.60	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	6822	0.20	ng/ul#	88
19) Chrysene	21.46	228	12056	0.34	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	12826	0.39	ng/ul	95
22) Benzo(k)fluoranthene	23.19	252	12826	0.36	ng/ul	97
23) Benzo(a)pyrene	23.85	252	4135	0.12	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.67	276	2309	0.07	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.66	278	608	0.02	ng/ul#	5
26) Benzo(g,h,i)perylene	27.51	276	1732	0.06	ng/ul#	64

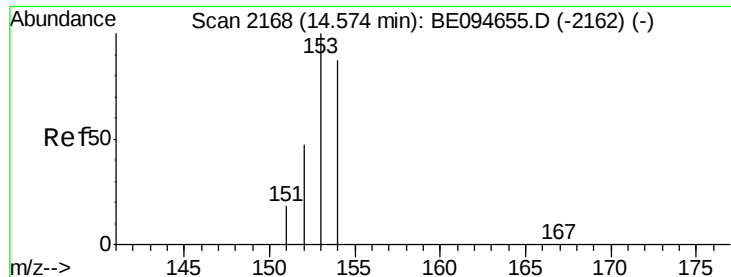
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 01 01:43:26 2017
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

ClientSampleId :

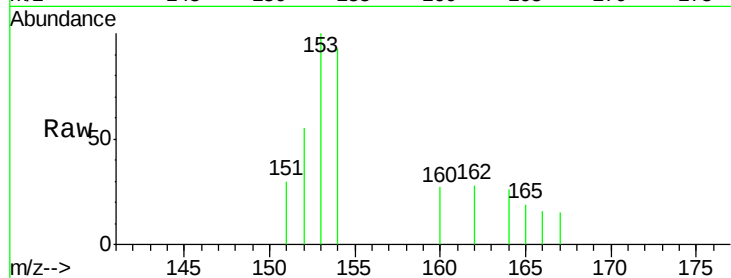
Tot Ion:153 Resp: 564

Ion Ratio Lower Upper

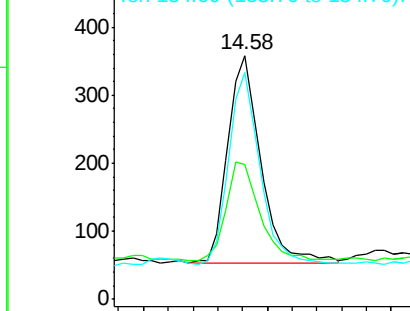
153 100

152 55.3 36.0 54.0#

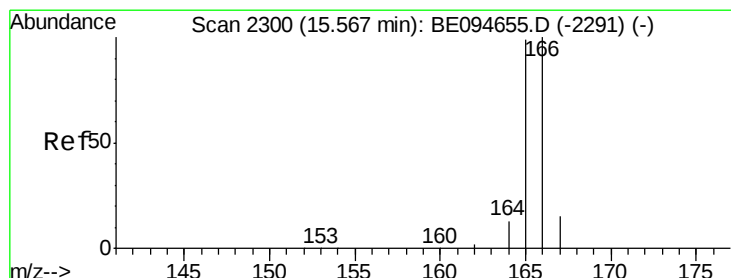
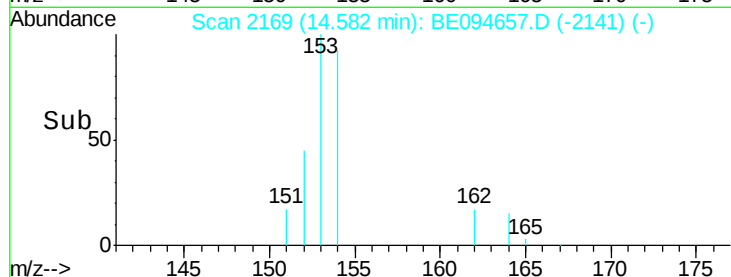
154 93.0 72.0 108.0



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: 0.02 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

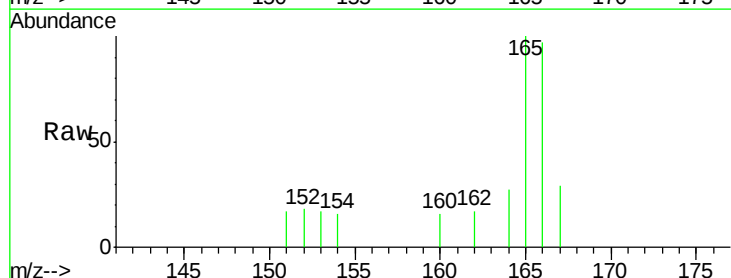
Tgt Ion:166 Resp: 485

Ion Ratio Lower Upper

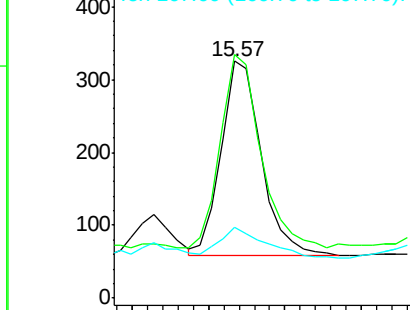
166 100

165 102.8 73.4 110.2

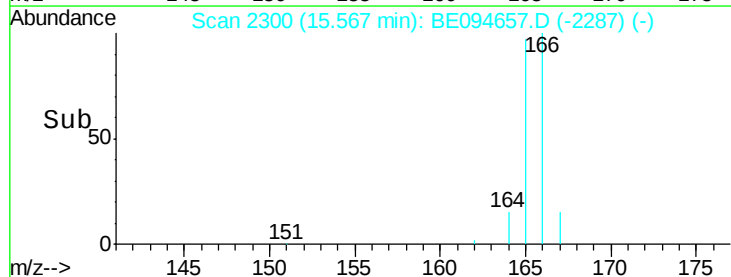
167 29.8 14.6 22.0#

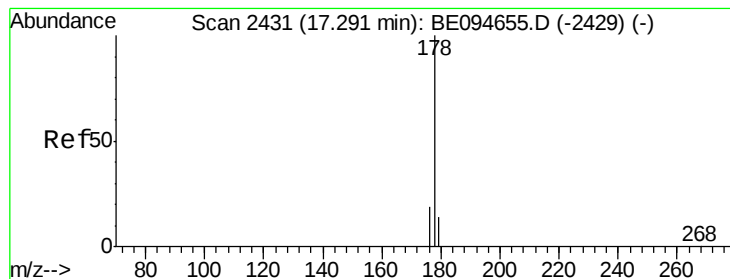


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.32 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

ClientSampleId :

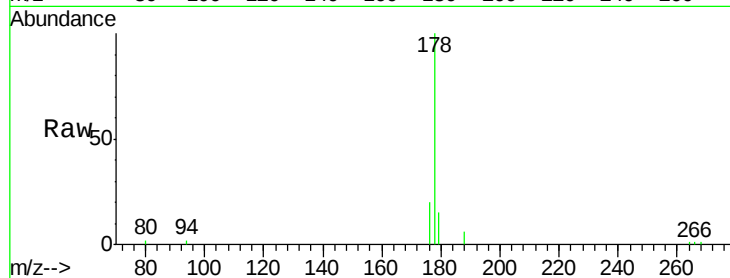
Tot Ion:178 Resp: 9976

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

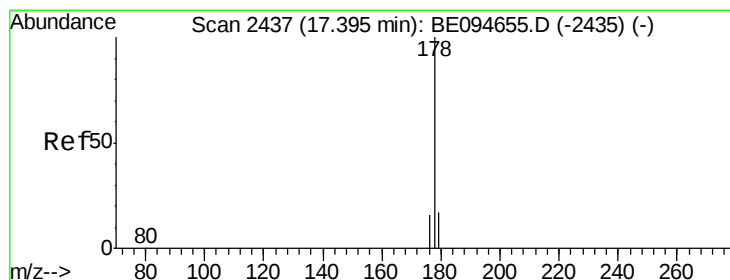
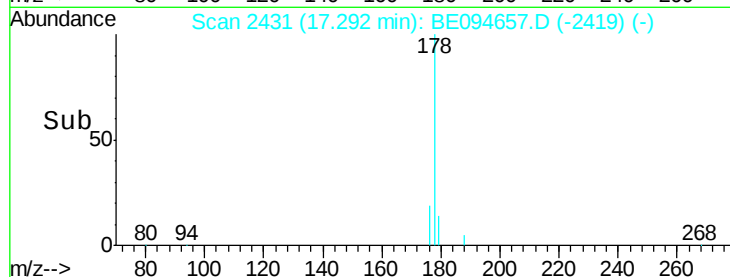
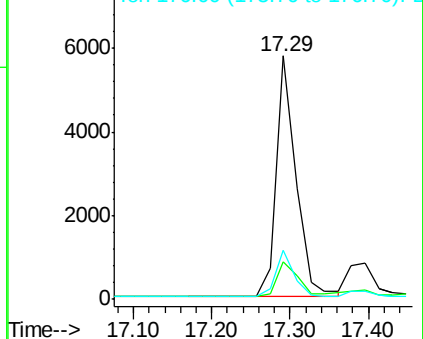
176 20.1 13.6 20.4



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: 0.06 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

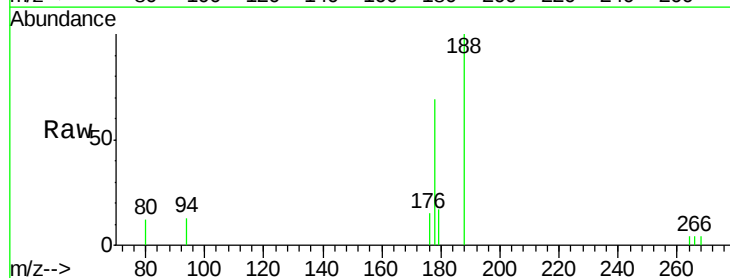
Tgt Ion:178 Resp: 1919

Ion Ratio Lower Upper

178 100

179 24.6 18.1 27.1

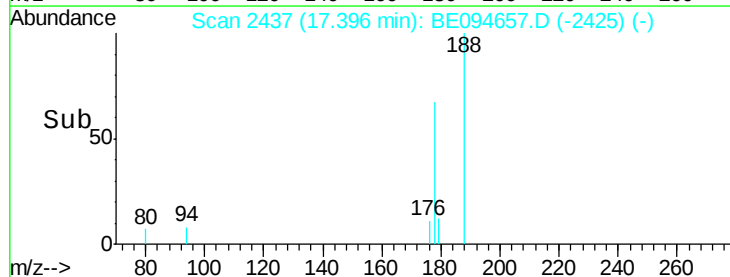
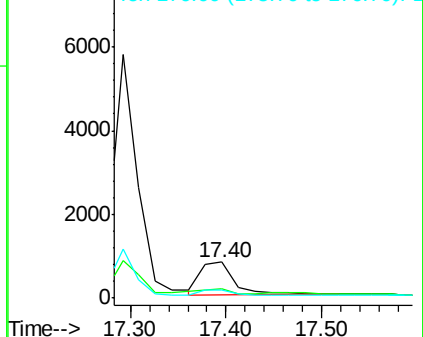
176 21.6 14.7 22.1

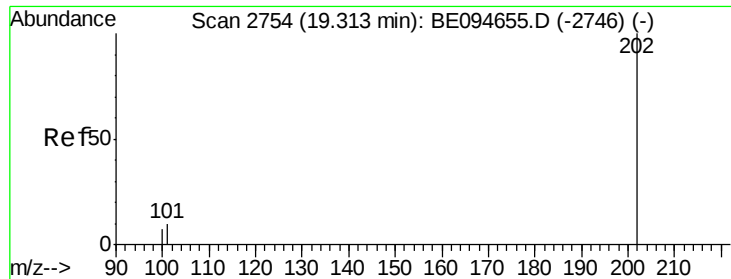


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.79 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

ClientSampleId :

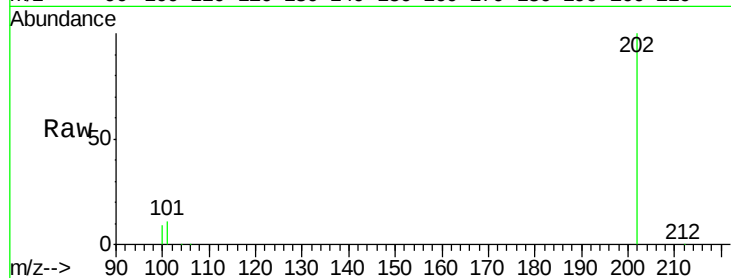
Tot Ion:202 Resp: 28246

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

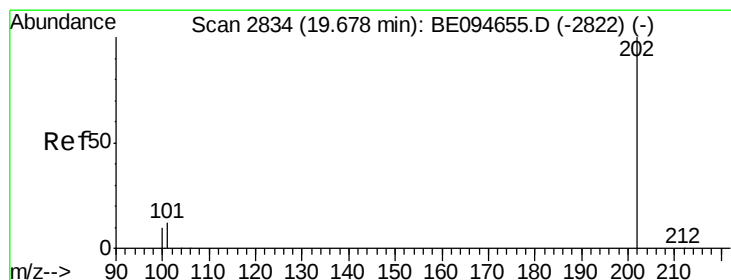
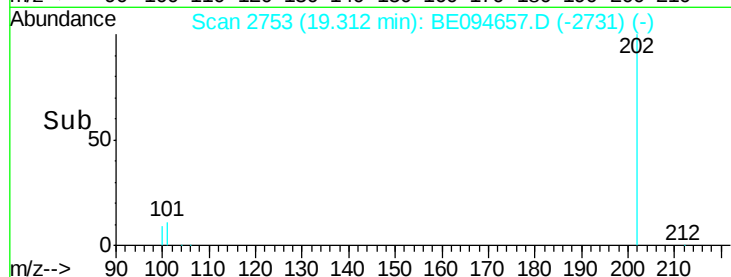
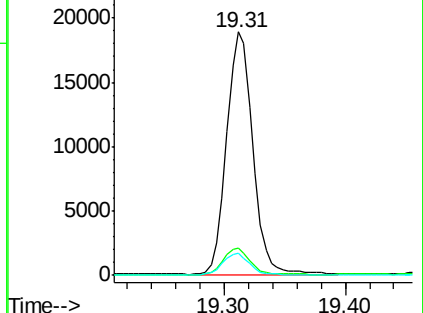
100 9.1 0.0 39.5



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: 0.60 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

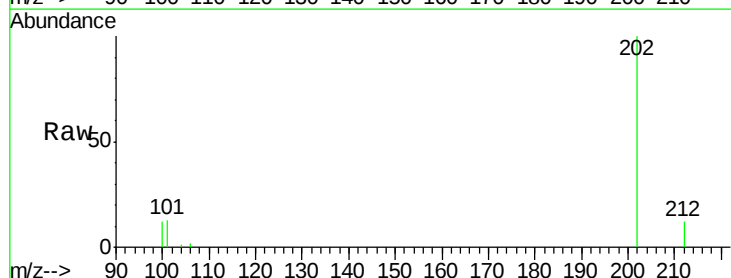
Tgt Ion:202 Resp: 22284

Ion Ratio Lower Upper

202 100

101 13.3 18.2 27.4#

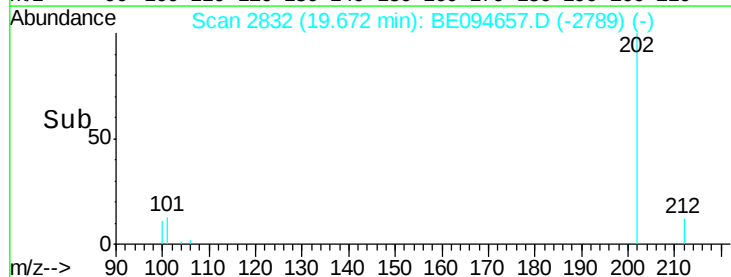
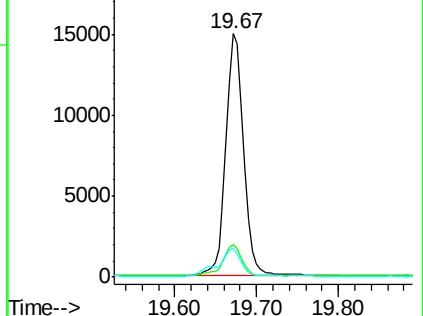
100 11.6 15.6 23.4#

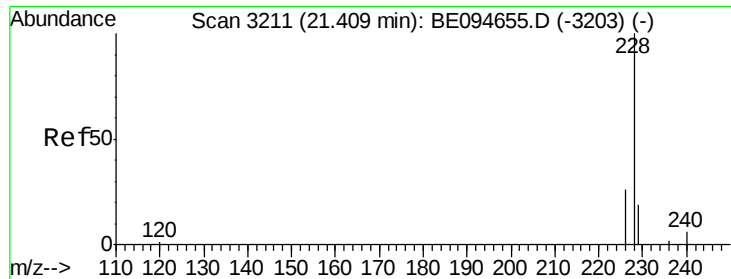


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

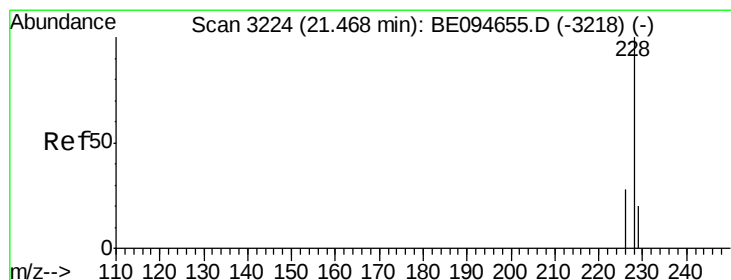
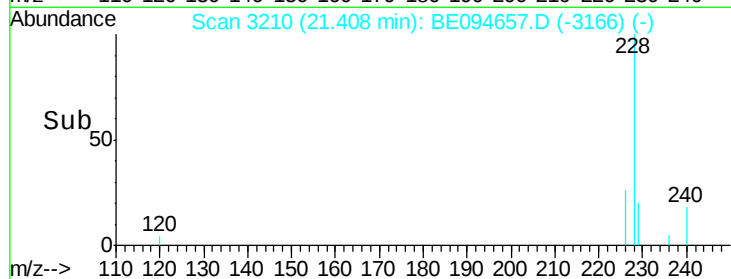
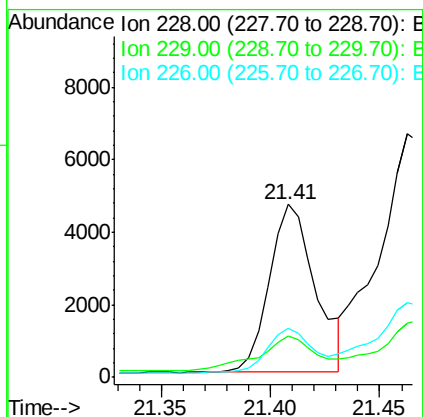
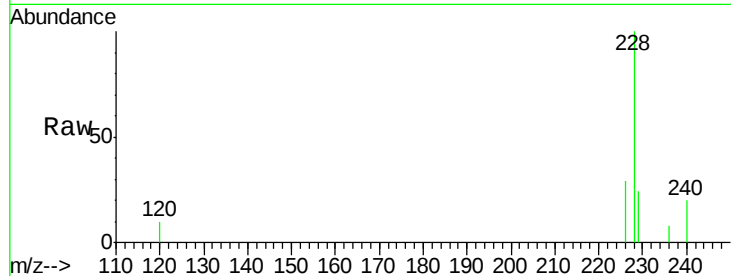




#18
Benzo(a)anthracene
Concen: 0.20 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

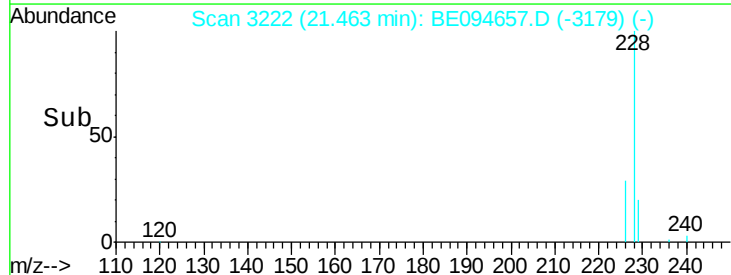
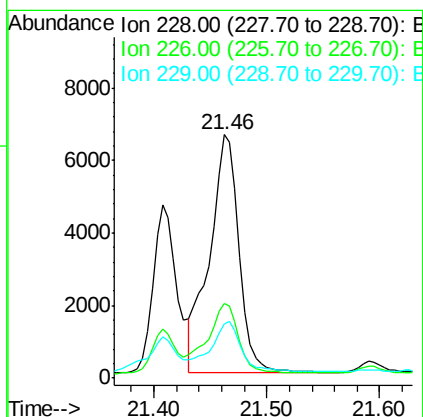
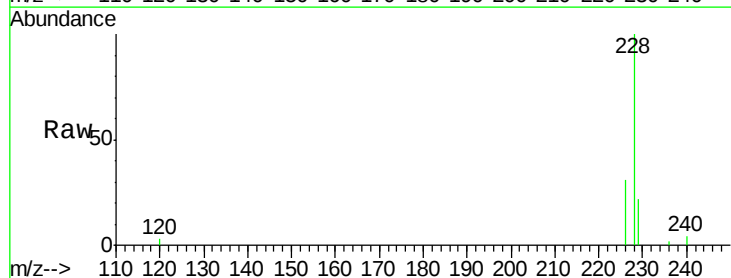
Instrument :
BNA_E
ClientSampleId :

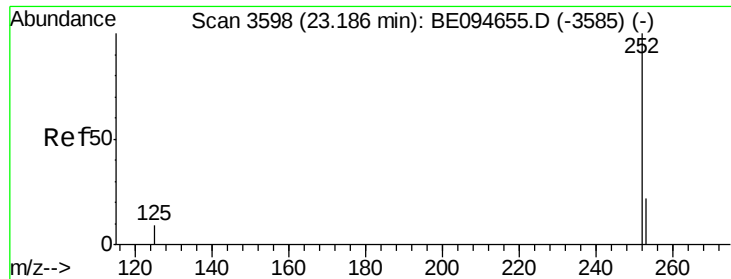
Tot Ion:228 Resp: 6822
Ion Ratio Lower Upper
228 100
229 23.8 22.8 34.2
226 28.6 17.0 25.6#



#19
Chrysene
Concen: 0.34 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Tgt Ion:228 Resp: 12056
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 22.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.39 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

ClientSampleId :

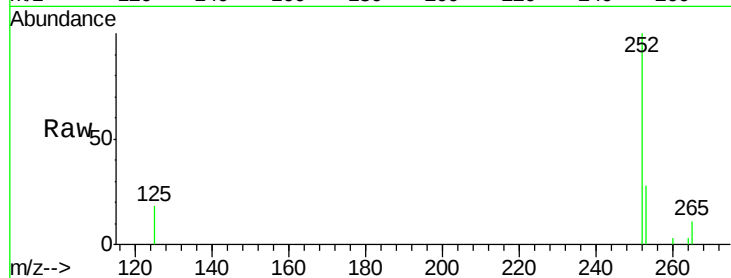
Tot Ion:252 Resp: 12826

Ion Ratio Lower Upper

252 100

253 28.2 0.0 64.2

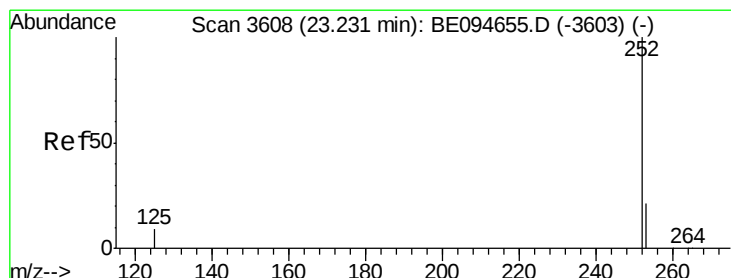
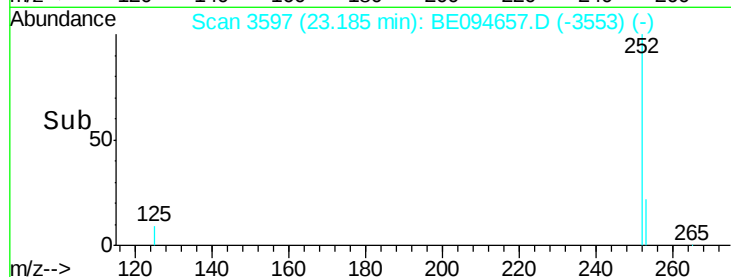
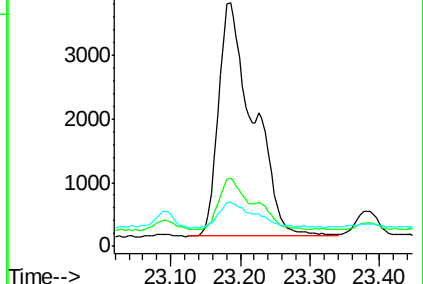
125 17.8 0.0 35.0



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: 0.36 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

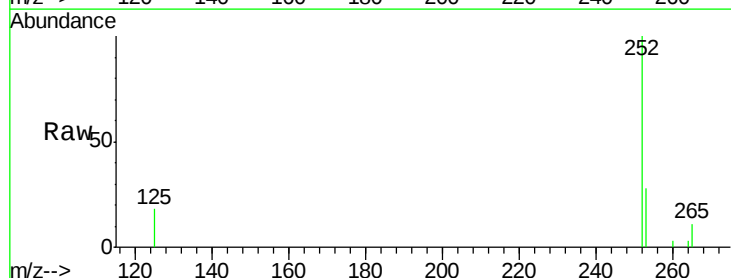
Tgt Ion:252 Resp: 12826

Ion Ratio Lower Upper

252 100

253 28.2 24.5 36.7

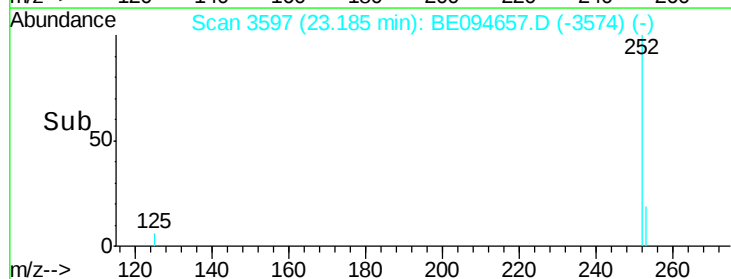
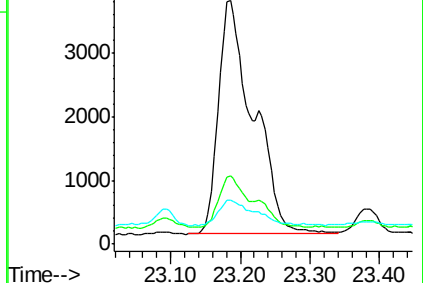
125 17.8 13.7 20.5

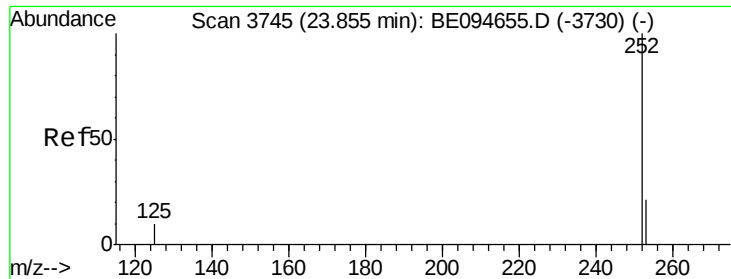


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.12 ng/ul

RT: 23.85 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

ClientSampleId :

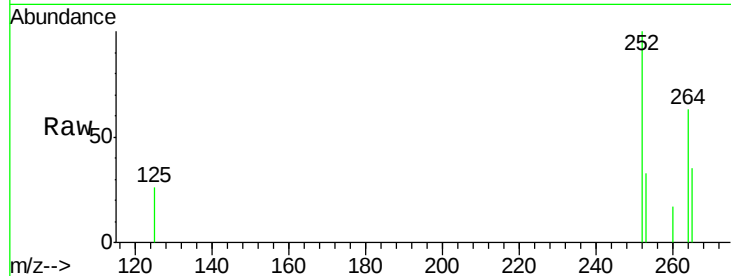
Tot Ion:252 Resp: 4135

Ion Ratio Lower Upper

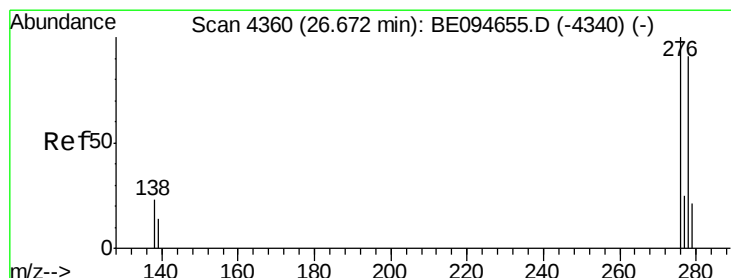
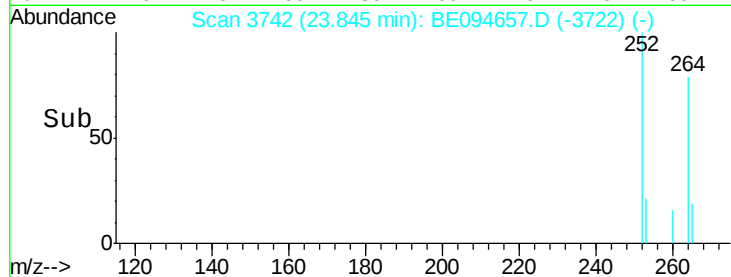
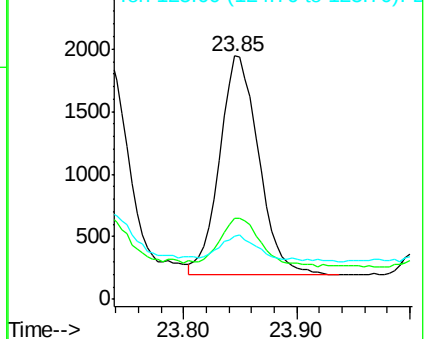
252 100

253 33.3 28.5 42.7

125 26.1 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: 0.07 ng/ul

RT: 26.67 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

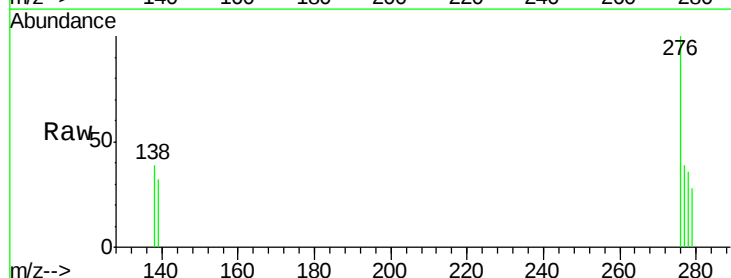
Tgt Ion:276 Resp: 2309

Ion Ratio Lower Upper

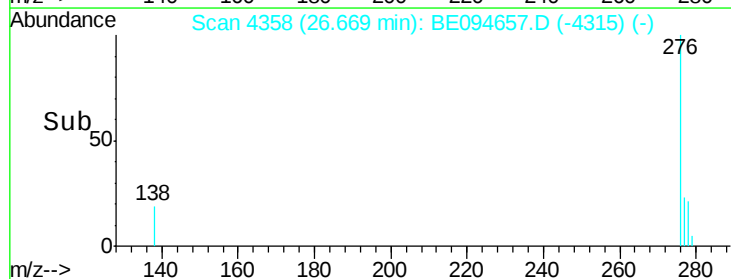
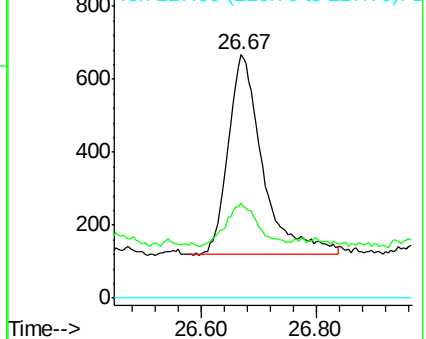
276 100

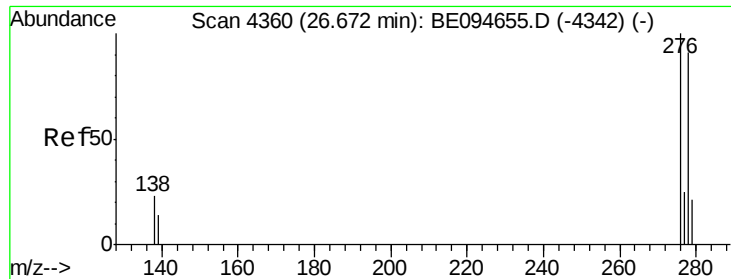
138 20.0 28.0 42.0#

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

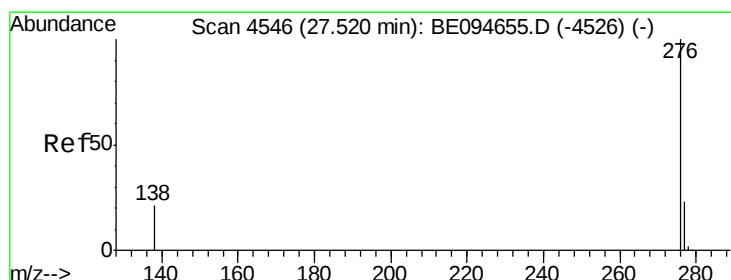
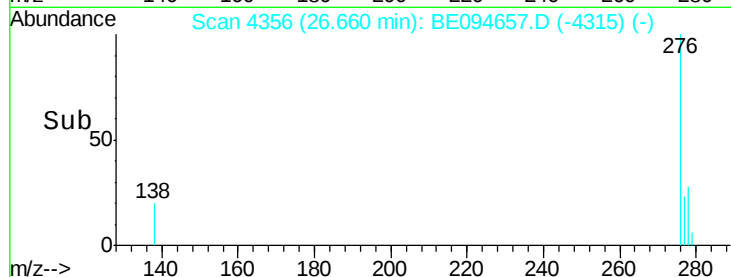
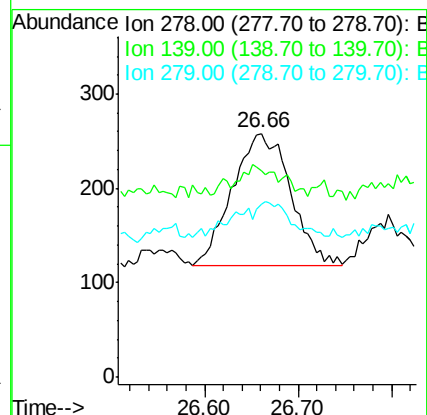
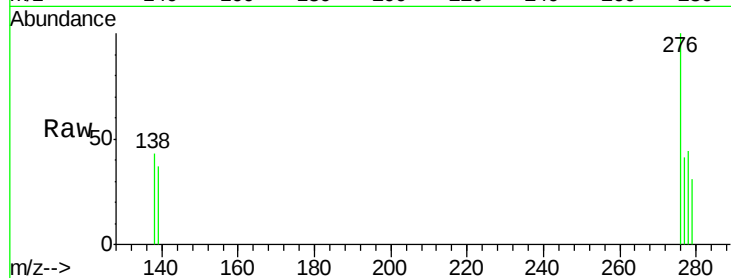




#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 608
Ion Ratio Lower Upper
278 100
139 84.9 17.4 26.0#
279 71.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 27.51 min Scan# 4543
Delta R.T. -0.01 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Tgt Ion:276 Resp: 1732
Ion Ratio Lower Upper
276 100
138 45.6 21.8 32.8#
277 44.5 20.5 30.7#

