

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097865.D
 Acq On : 11 Oct 2018 19:54
 Operator : SJ/JU
 Sample : J5184-03RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 03:59:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 03:56:08 2018
 Response via : Initial Calibration

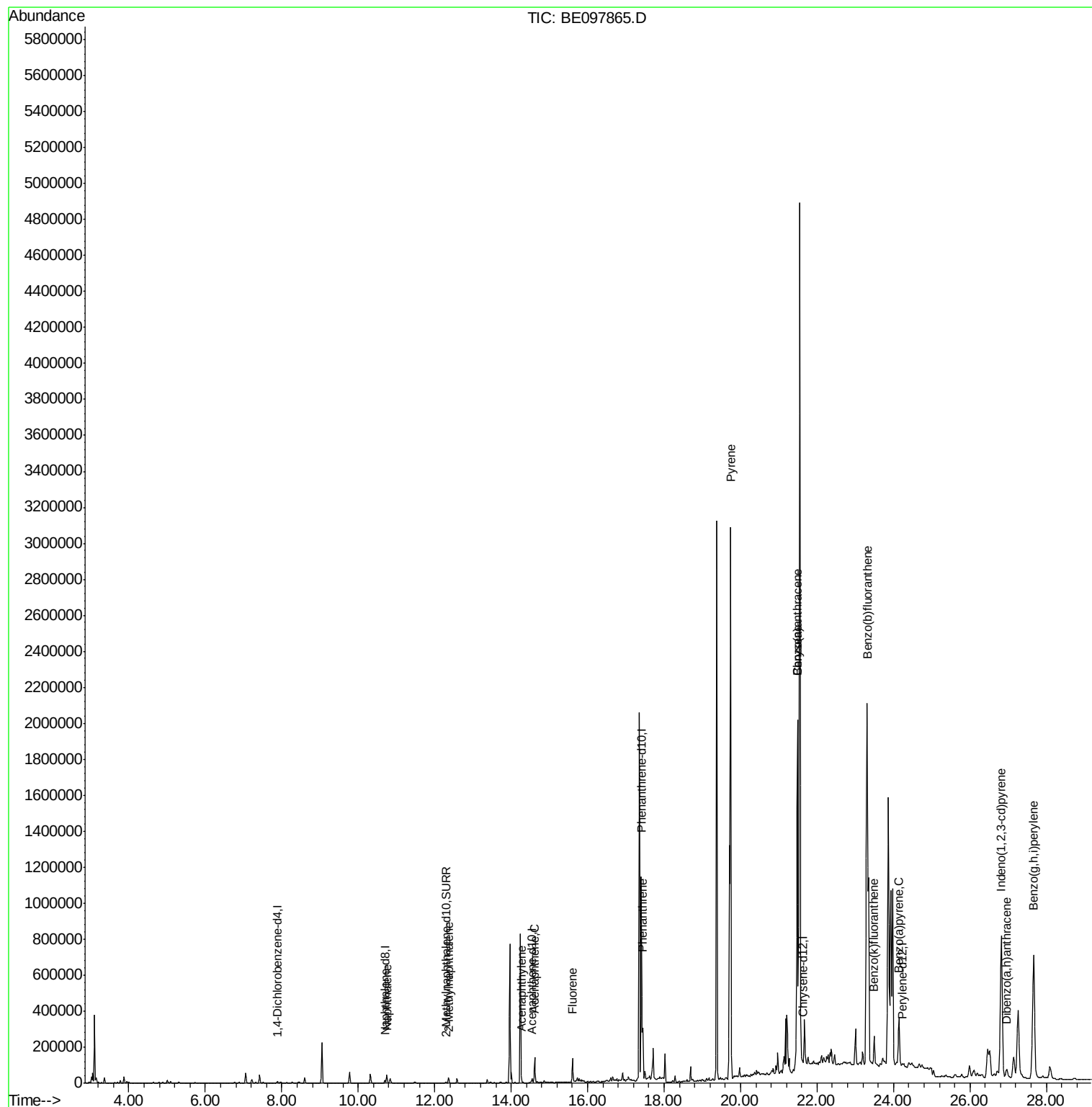
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	16962	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	12222	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.41	188	1264416	0.40	ng/ul	0.11
16) Chrysene-d12	21.63	240	1072	0.40	ng/ul	0.15
20) Perylene-d12	24.23	264	10331	0.40	ng/ul	0.20
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8266	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.45	212	1553	0.00	ng/ul	0.12
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	63909	1.548	ng/ul	100
5) 2-Methylnaphthalene	12.36	142	25172	0.843	ng/ul	99
7) Acenaphthylene	14.27	152	12979	0.281	ng/ul#	86
8) Acenaphthene	14.61	153	80011	2.230	ng/ul	96
9) Fluorene	15.61	166	80796	1.726	ng/ul	99
12) Phenanthrene	17.44	178	458504	0.153	ng/ul	99
17) Pyrene	19.74	202	4409315	1380.702	ng/ul	95
18) Benzo(a)anthracene	21.49	228	1991038	614.279	ng/ul	96
19) Chrysene	21.49	228	910548	312.663	ng/ul	97
21) Benzo(b)fluoranthene	23.31	252	5264757	190.676	ng/ul	98
22) Benzo(k)fluoranthene	23.50	252	246191	8.330	ng/ul#	63
23) Benzo(a)pyrene	24.15	252	408364	15.064	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.82	276	1510447	49.082	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.96	278	88528	3.481	ng/ul#	58
26) Benzo(g,h,i)perylene	27.67	276	1745951	65.114	ng/ul	99

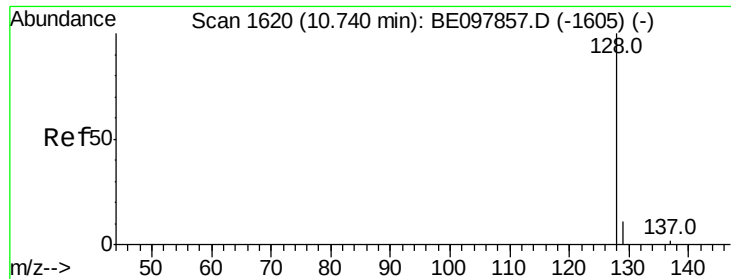
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.548 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

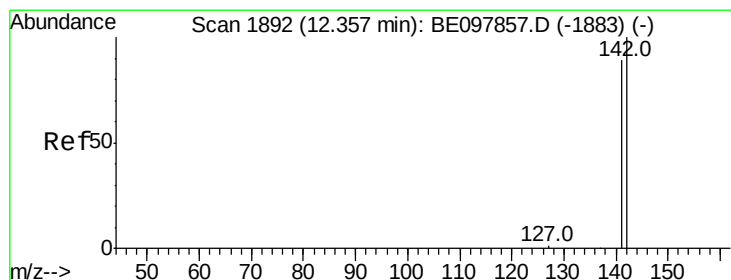
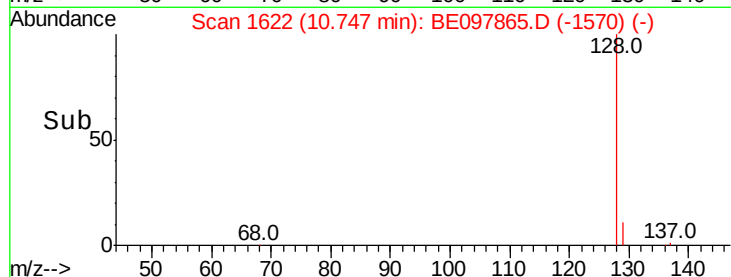
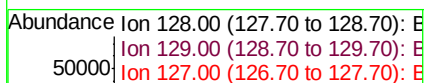
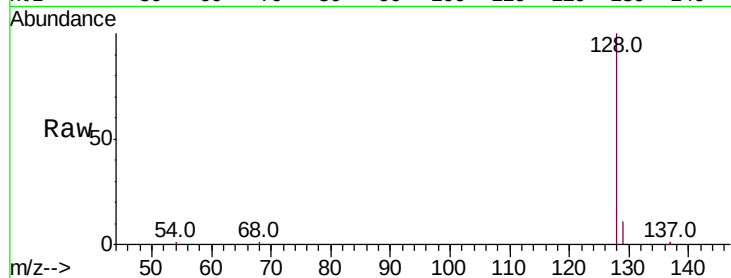
Tot Ion:128 Resp: 63909

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 0.0 0.0 0.0



#5

2-Methylnaphthalene

Concen: 0.843 ng/ul

RT: 12.36 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BE097865.D

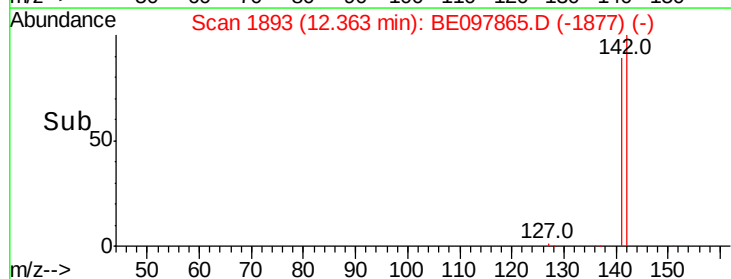
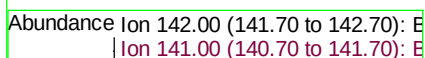
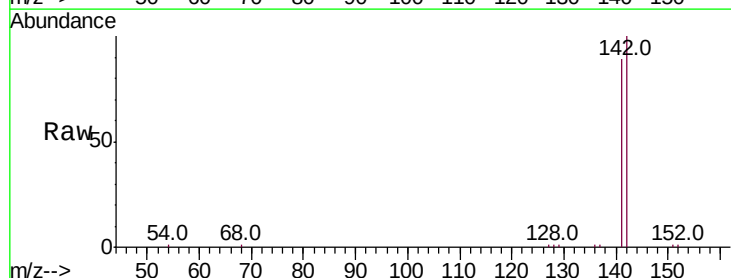
Acq: 11 Oct 2018 19:54

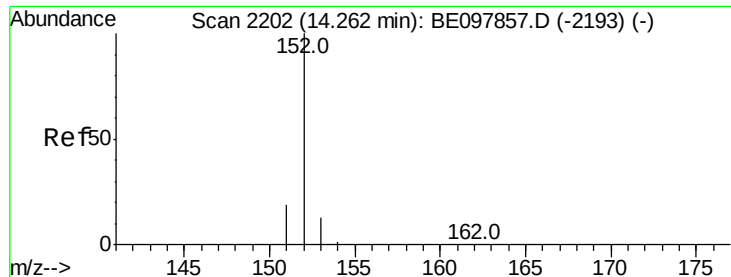
Tgt Ion:142 Resp: 25172

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4





#7

Acenaphthylene

Concen: 0.281 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

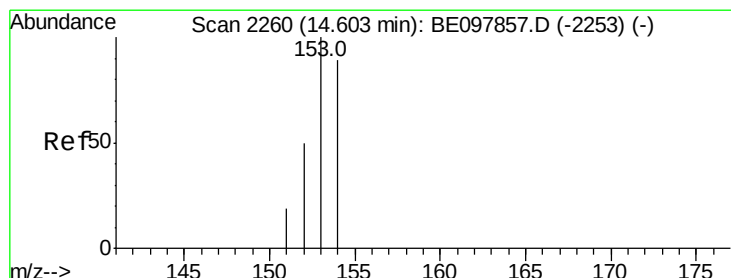
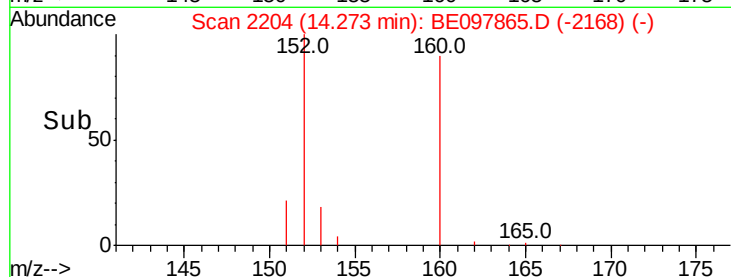
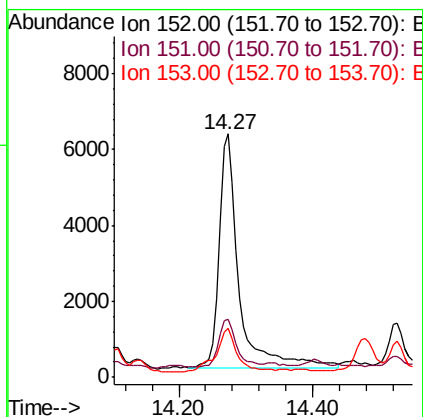
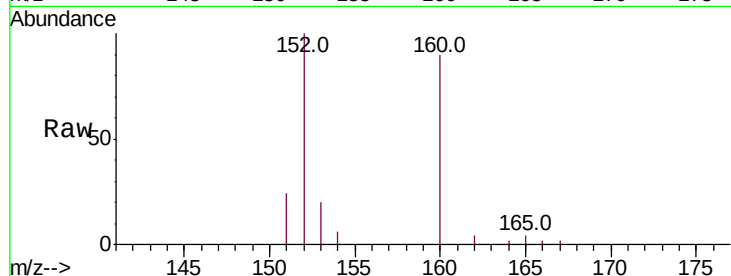
Tot Ion:152 Resp: 12979

Ion Ratio Lower Upper

152 100

151 23.6 15.0 22.6#

153 20.1 10.5 15.7#



#8

Acenaphthene

Concen: 2.230 ng/ul

RT: 14.61 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

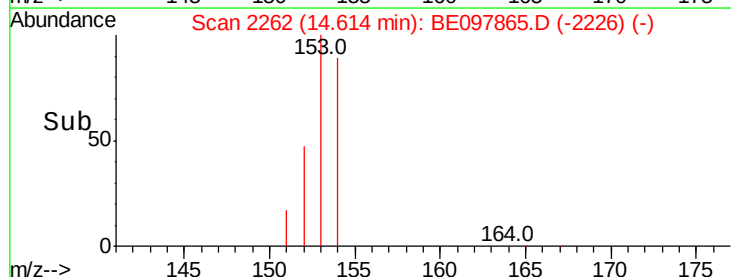
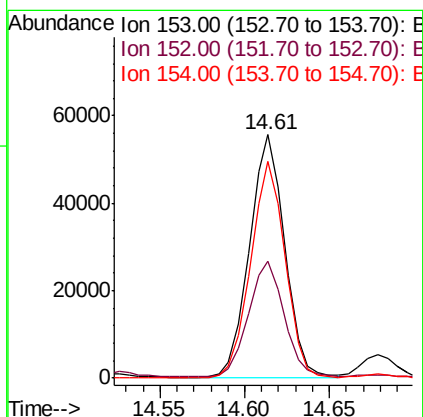
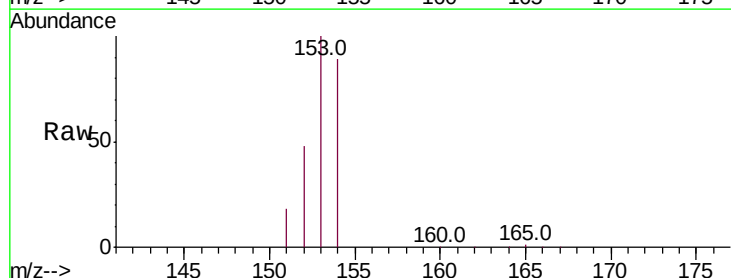
Tgt Ion:153 Resp: 80011

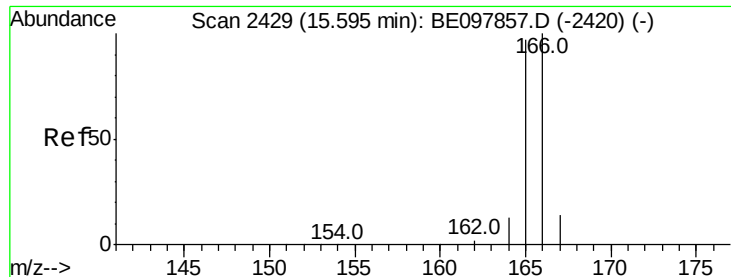
Ion Ratio Lower Upper

153 100

152 47.8 41.2 61.8

154 89.0 68.6 103.0





#9

Fluorene

Concen: 1.726 ng/ul

RT: 15.61 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

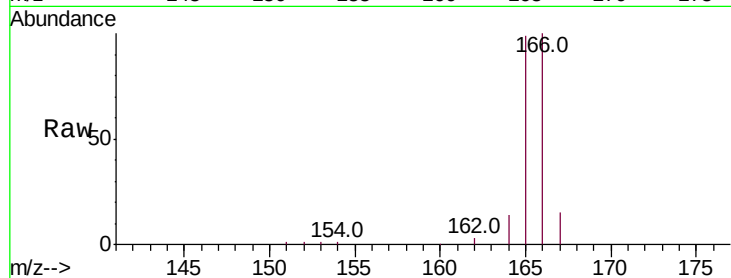
Tot Ion:166 Resp: 80796

Ion Ratio Lower Upper

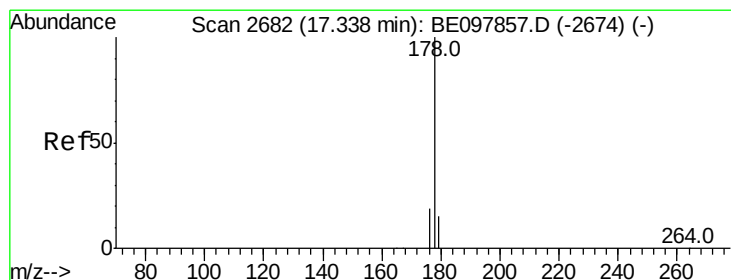
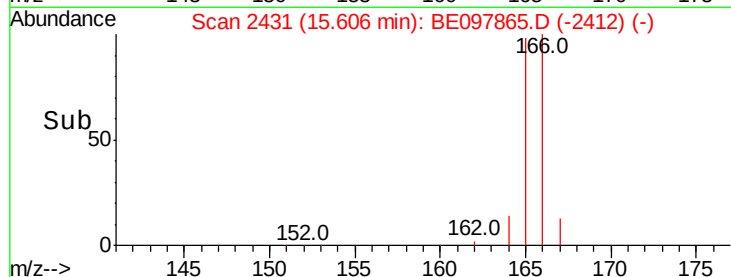
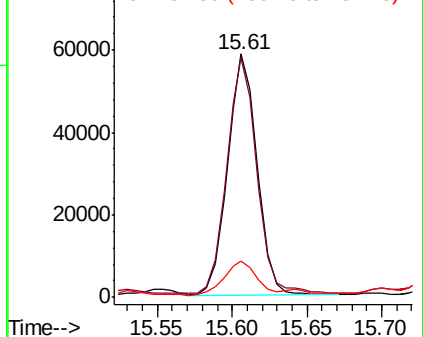
166 100

165 98.6 79.2 118.8

167 14.9 11.3 16.9



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



#12

Phenanthrene

Concen: 0.153 ng/ul

RT: 17.44 min Scan# 2697

Delta R.T. 0.11 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

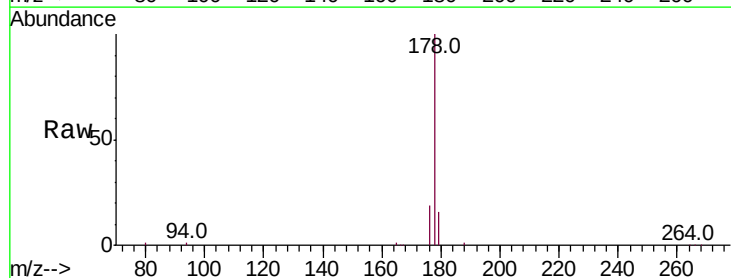
Tgt Ion:178 Resp: 458504

Ion Ratio Lower Upper

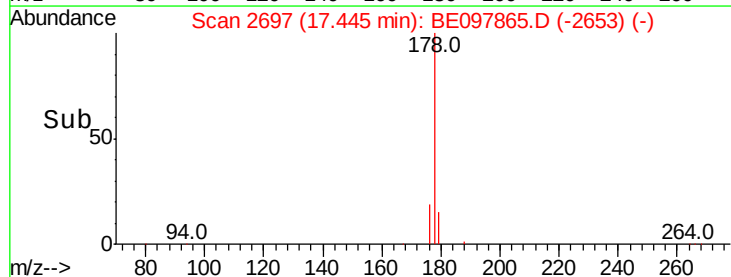
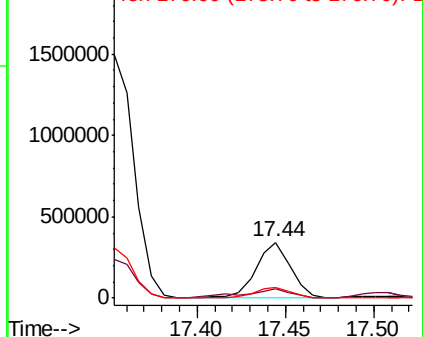
178 100

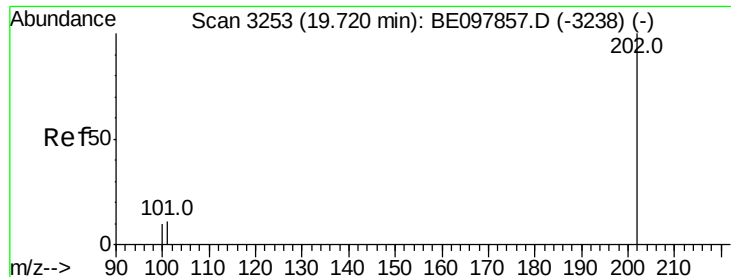
179 16.1 12.8 19.2

176 19.1 14.9 22.3



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

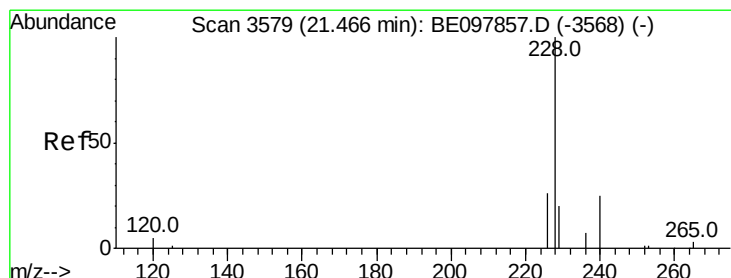
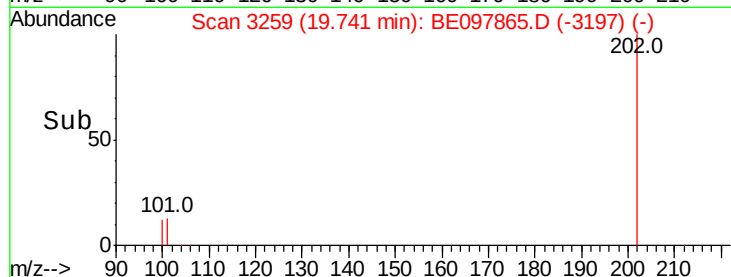
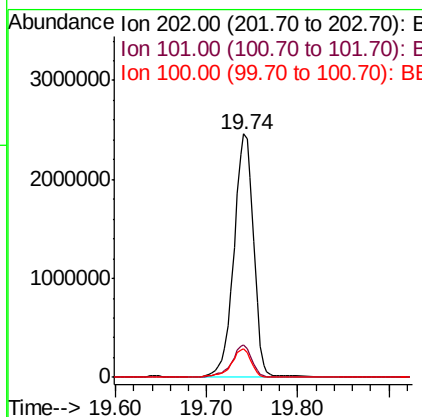
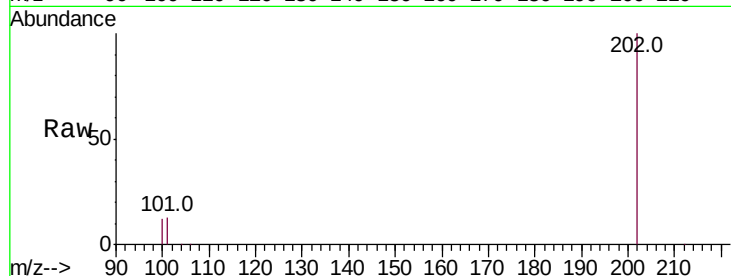




#17
Pvrene
Concen: 1380.702 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.02 min
Lab File: BE097865.D
Acq: 11 Oct 2018 19:54

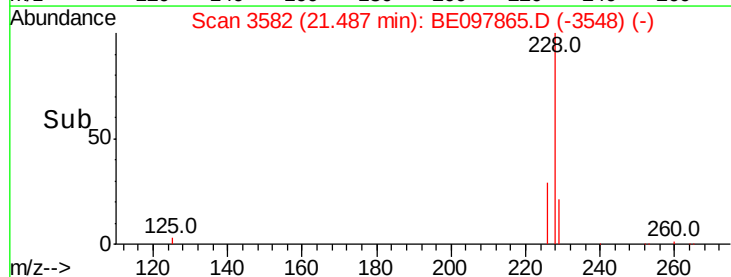
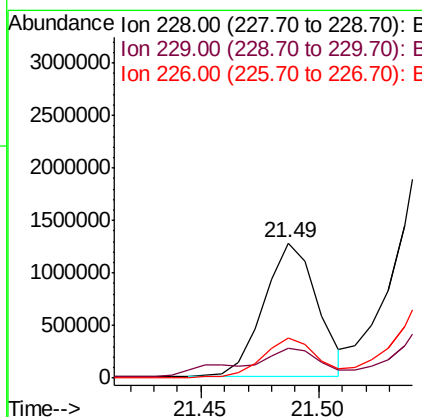
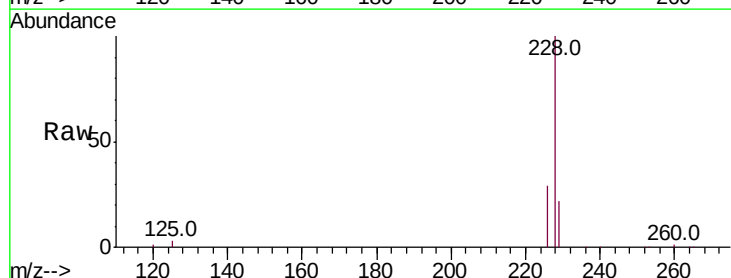
Instrument :
BNA_E
ClientSampleId :

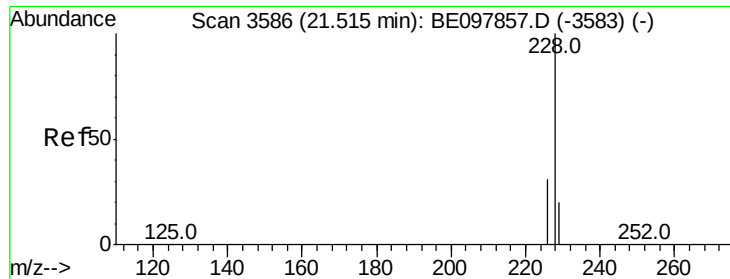
Tot Ion:202 Resp: 4409315
Ion Ratio Lower Upper
202 100
101 13.2 8.8 13.2
100 11.8 7.9 11.9



#18
Benzo(a)anthracene
Concen: 614.279 ng/ul
RT: 21.49 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BE097865.D
Acq: 11 Oct 2018 19:54

Tgt Ion:228 Resp: 1991038
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 29.5 21.5 32.3





#19

Chrysene

Concen: 312.663 ng/ul

RT: 21.49 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

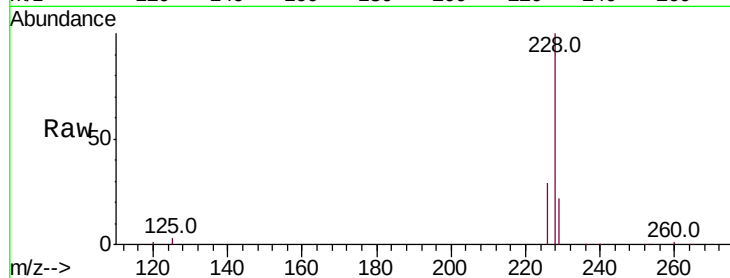
Tot Ion:228 Resp: 910548

Ion Ratio Lower Upper

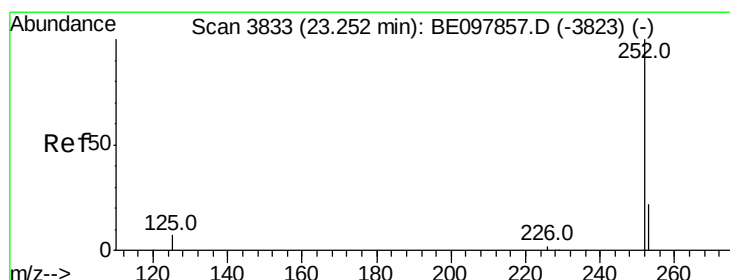
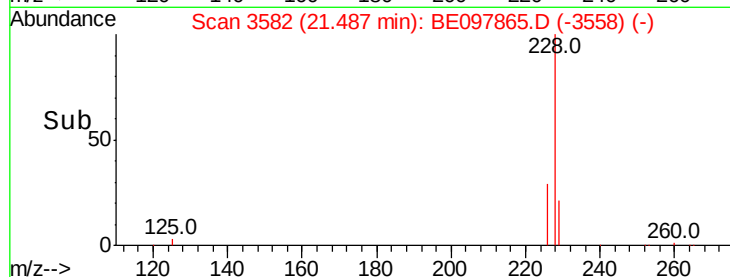
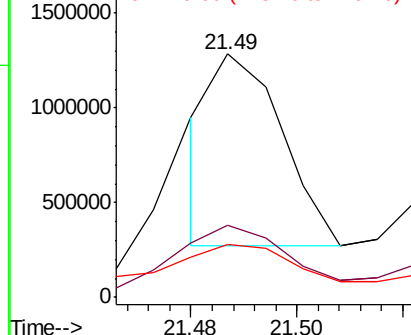
228 100

226 29.5 23.0 34.4

229 21.8 15.5 23.3



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: 190.676 ng/ul

RT: 23.31 min Scan# 3841

Delta R.T. 0.06 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

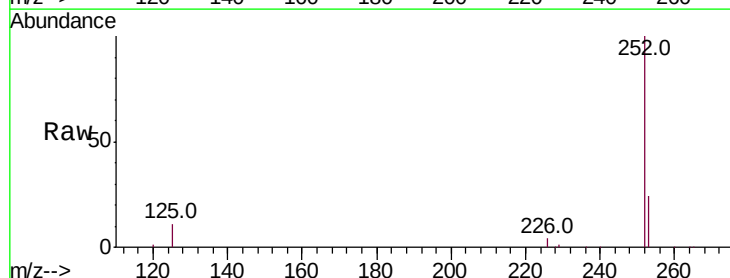
Tgt Ion:252 Resp: 5264757

Ion Ratio Lower Upper

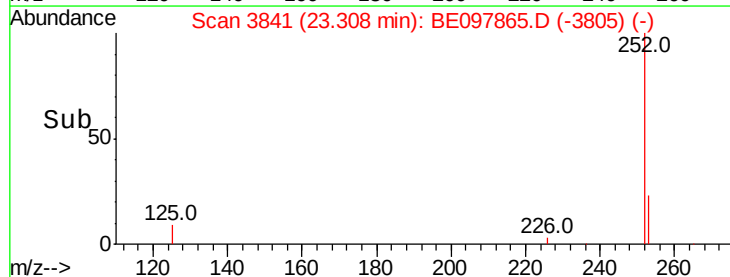
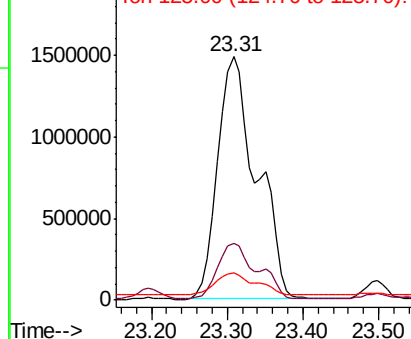
252 100

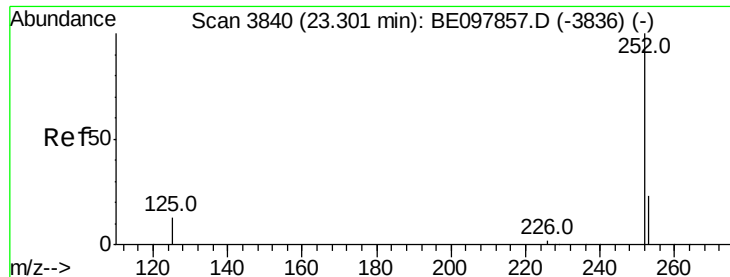
253 23.5 0.0 47.0

125 11.1 0.0 18.2



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: 8.330 ng/ul

RT: 23.50 min Scan# 3868

Delta R.T. 0.20 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

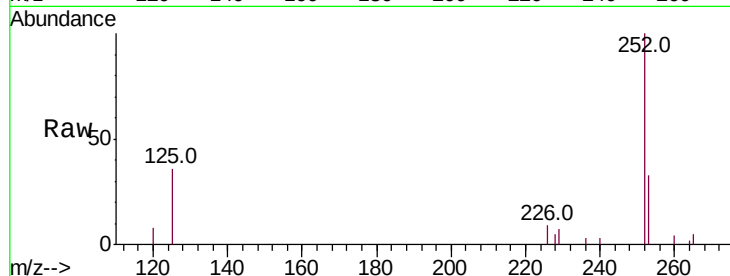
Tot Ion:252 Resp: 246191

Ion Ratio Lower Upper

252 100

253 33.1 17.8 26.6#

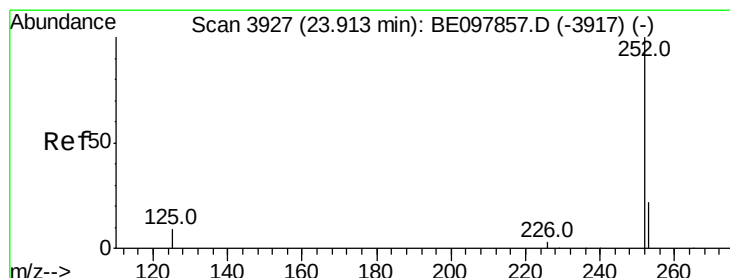
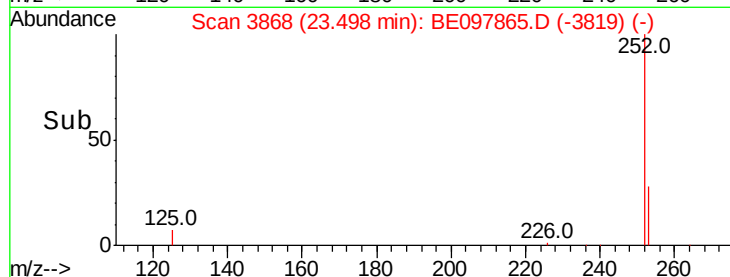
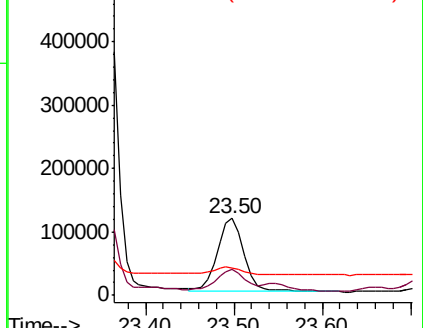
125 36.0 9.4 14.0#



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



#23

Benzo(a)pyrene

Concen: 15.064 ng/ul

RT: 24.15 min Scan# 3960

Delta R.T. 0.23 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

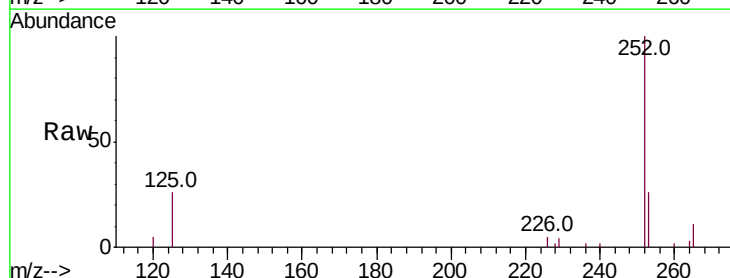
Tgt Ion:252 Resp: 408364

Ion Ratio Lower Upper

252 100

253 26.1 18.2 27.4

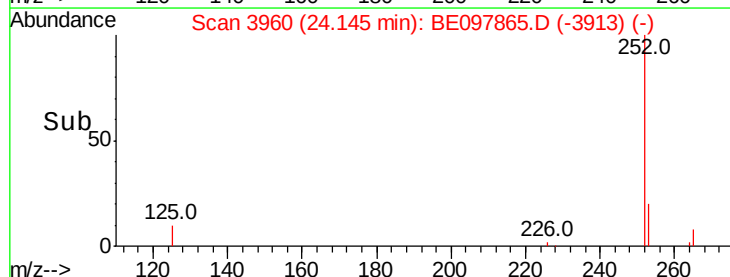
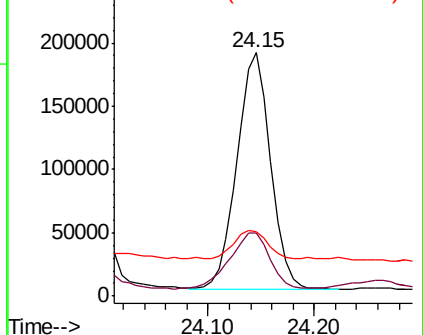
125 26.2 8.3 12.5#

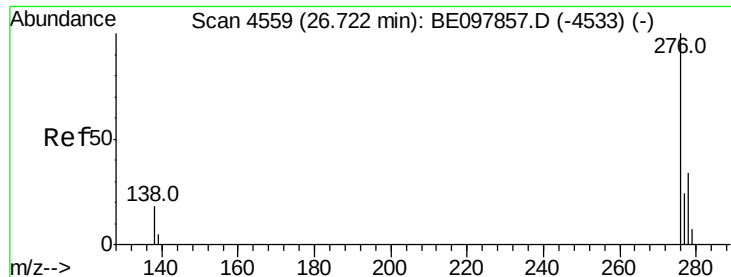


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



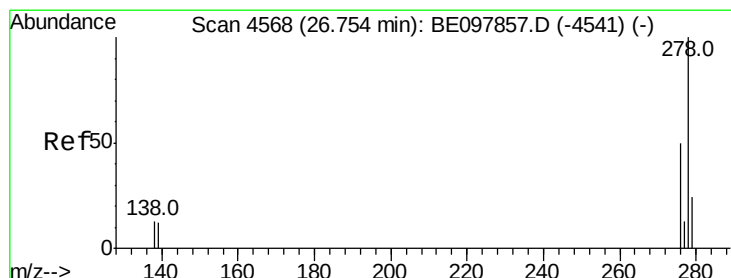
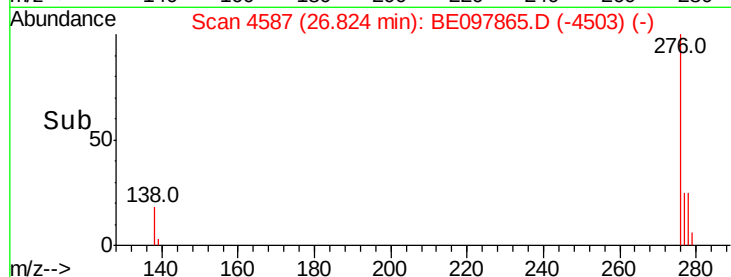
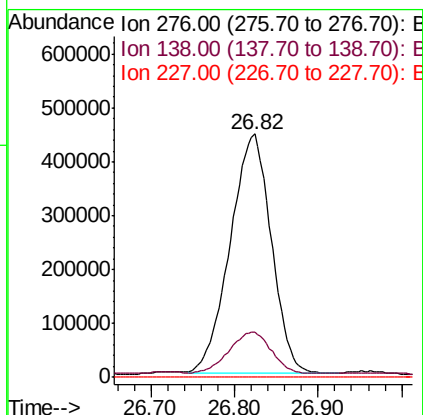
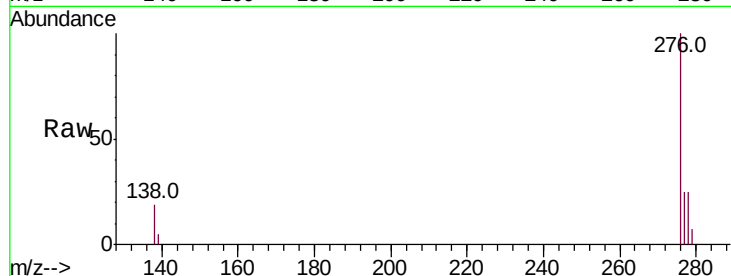


#24

Indeno(1,2,3-cd)pyrene
Concen: 49.082 ng/ul
RT: 26.82 min Scan# 4587
Delta R.T. 0.10 min
Lab File: BE097865.D
Acq: 11 Oct 2018 19:54

Instrument :
BNA_E
ClientSampleId :

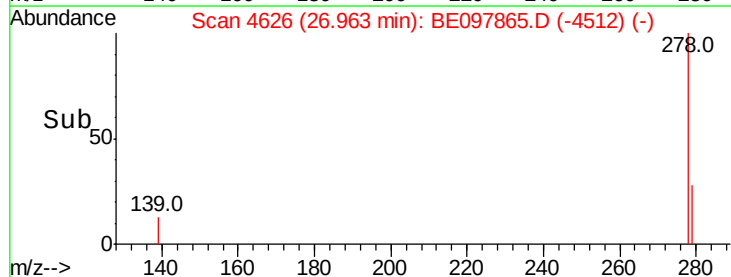
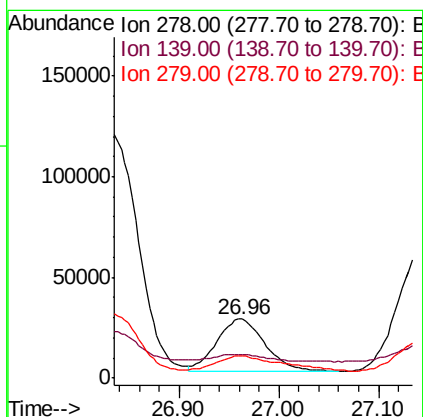
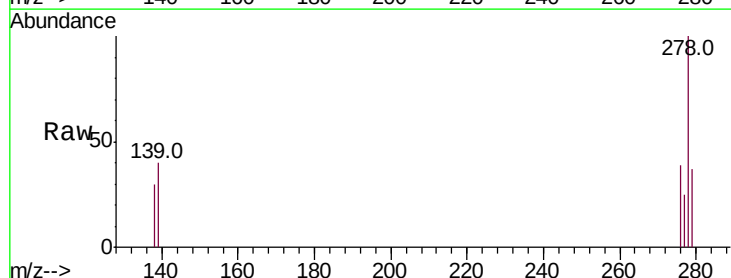
Tot Ion:276 Resp: 1510447
Ion Ratio Lower Upper
276 100
138 17.9 0.0 0.0#
227 0.0 0.0 0.0

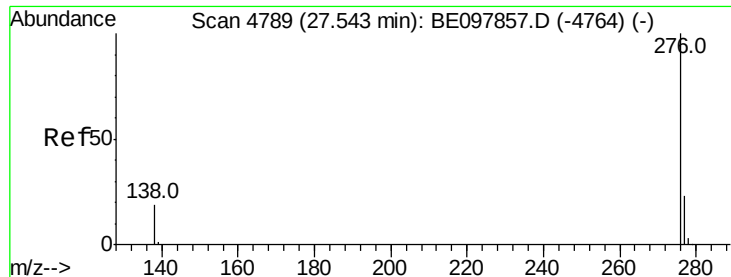


#25

Dibenzo(a,h)anthracene
Concen: 3.481 ng/ul
RT: 26.96 min Scan# 4626
Delta R.T. 0.21 min
Lab File: BE097865.D
Acq: 11 Oct 2018 19:54

Tgt Ion:278 Resp: 88528
Ion Ratio Lower Upper
278 100
139 40.1 10.9 16.3#
279 36.9 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 65.114 ng/ul

RT: 27.67 min Scan# 4824

Delta R.T. 0.13 min

Lab File: BE097865.D

Acq: 11 Oct 2018 19:54

Instrument :

BNA_E

ClientSampleId :

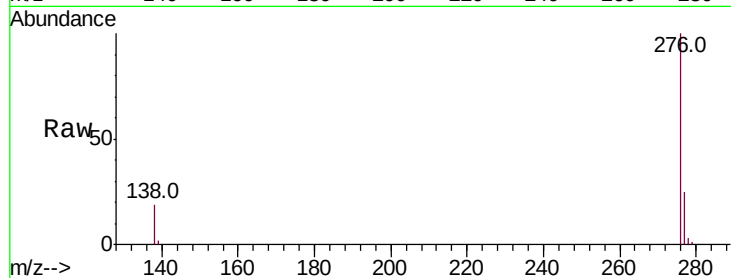
Tot Ion:276 Resp: 1745951

Ion Ratio Lower Upper

276 100

138 18.8 14.3 21.5

277 24.5 19.5 29.3



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

