

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097893.D
 Acq On : 12 Oct 2018 23:45
 Operator : SJ/JU
 Sample : J5183-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 13 03:01:23 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 : Sat Oct 13 02:57:21 2018
 Response via : Initial Calibration

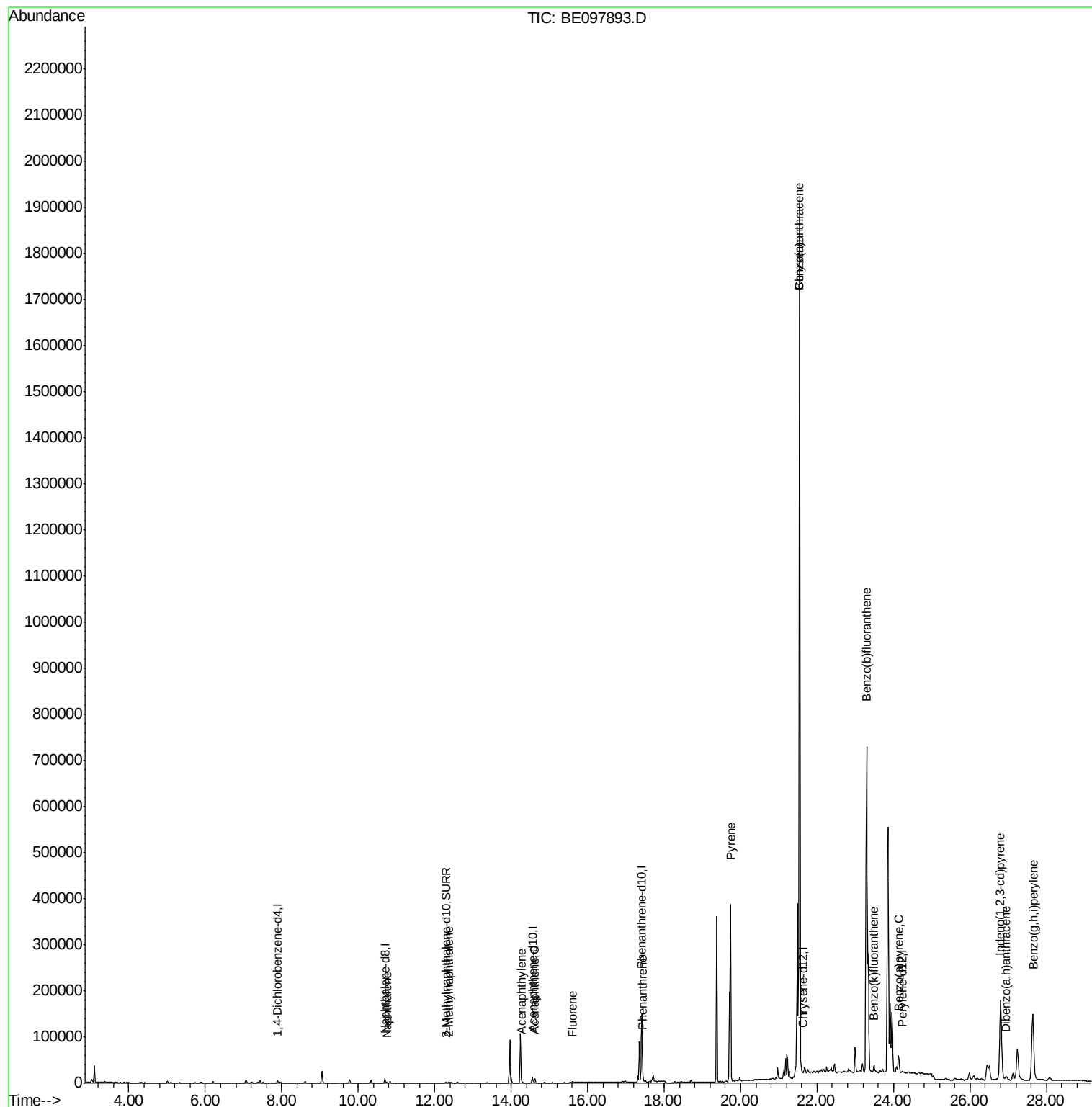
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2096	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	7083	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	181914	0.40	ng/ul	0.10
16) Chrysene-d12	21.63	240	147	0.40	ng/ul	0.13
20) Perylene-d12	24.22	264	1833	0.40	ng/ul	0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1023	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.44	212	149	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	1925	0.074	ng/ul#	87
5) 2-Methylnaphthalene	12.37	142	1532	0.081	ng/ul	100
7) Acenaphthylene	14.27	152	1081	0.040	ng/ul#	66
8) Acenaphthene	14.62	153	5560	0.267	ng/ul	94
9) Fluorene	15.61	166	1776	0.065	ng/ul#	95
12) Phenanthrene	17.44	178	17207	0.040	ng/ul	96
17) Pyrene	19.74	202	513808	1173.295	ng/ul	97
18) Benzo(a)anthracene	21.54	228	1925923	4333.136	ng/ul	94
19) Chrysene	21.54	228	1925923	4822.705	ng/ul	95
21) Benzo(b)fluoranthene	23.29	252	1546352	315.651	ng/ul	98
22) Benzo(k)fluoranthene	23.49	252	24331	4.640	ng/ul#	20
23) Benzo(a)pyrene	24.13	252	55871	11.616	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.80	276	312723	57.274	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.95	278	11691	2.591	ng/ul#	32
26) Benzo(g,h,i)perylene	27.65	276	339438	71.349	ng/ul	98

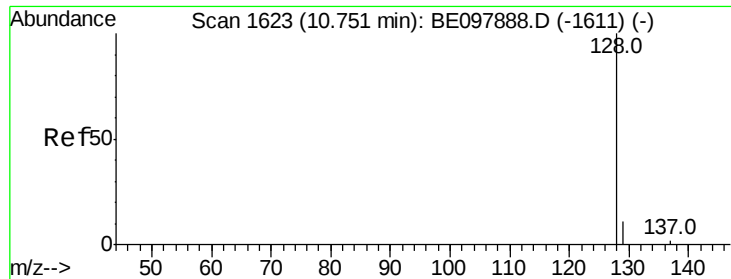
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.074 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

ClientSampleId :

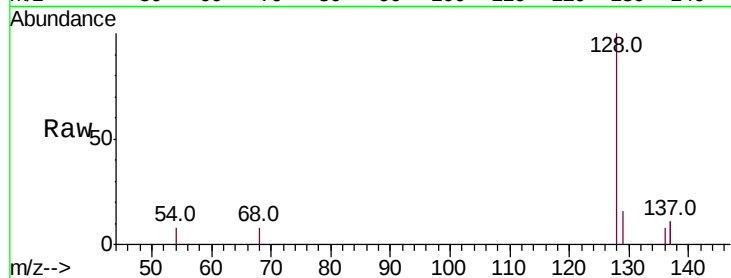
Tot Ion:128 Resp: 1925

Ion Ratio Lower Upper

128 100

129 16.4 9.1 13.7#

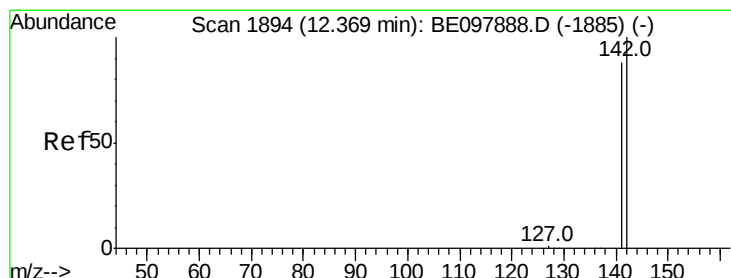
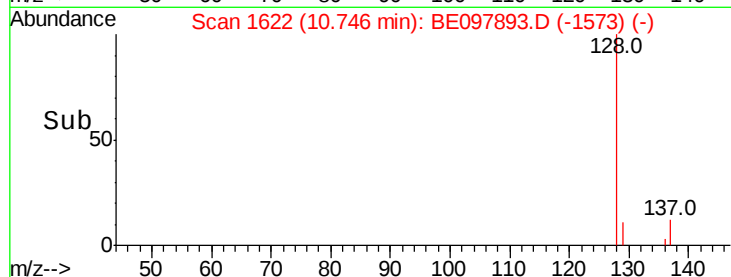
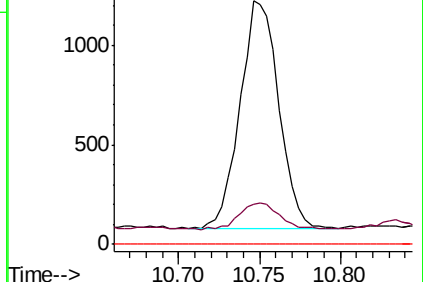
127 0.0 0.0 0.0



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: 0.081 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BE097893.D

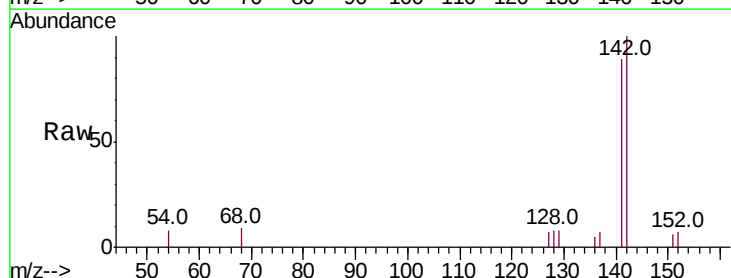
Acq: 12 Oct 2018 23:45

Tgt Ion:142 Resp: 1532

Ion Ratio Lower Upper

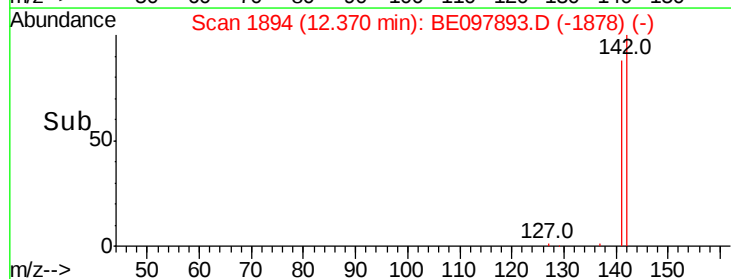
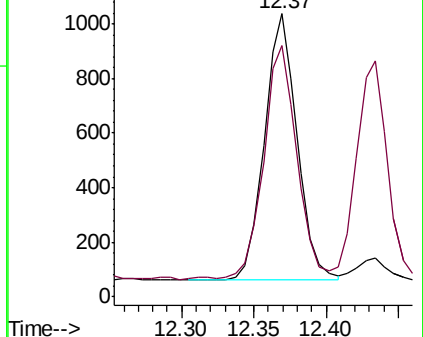
142 100

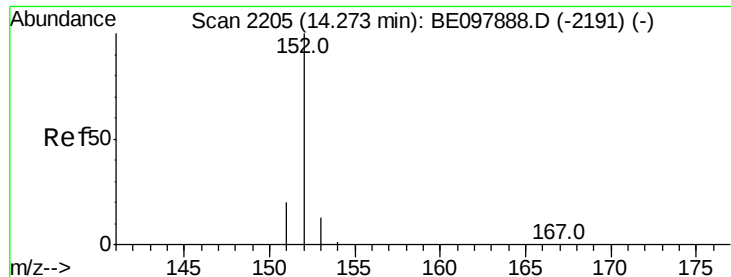
141 89.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

ClientSampleId :

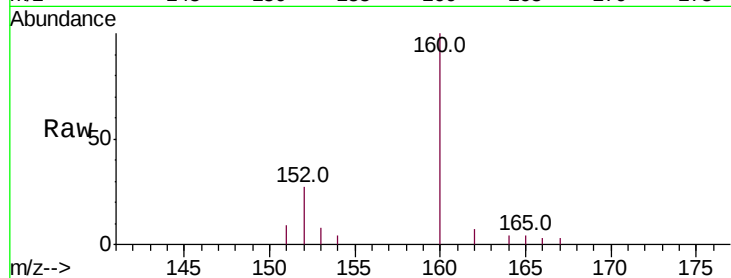
Tot Ion:152 Resp: 1081

Ion Ratio Lower Upper

152 100

151 33.2 15.0 22.6#

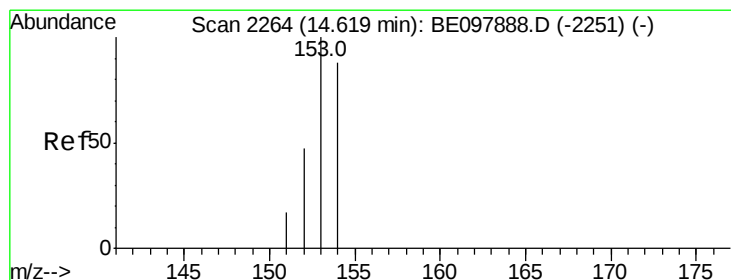
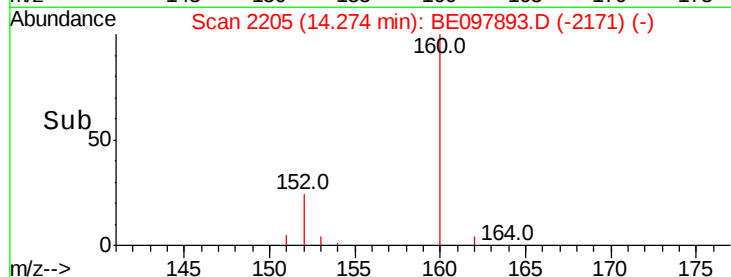
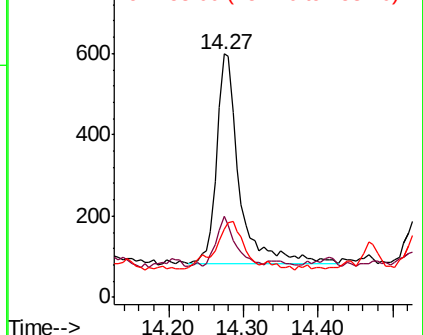
153 28.2 10.5 15.7#



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



#8

Acenaphthene

Concen: 0.267 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

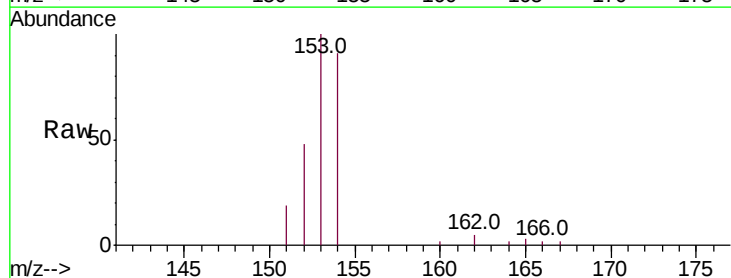
Tgt Ion:153 Resp: 5560

Ion Ratio Lower Upper

153 100

152 47.6 41.2 61.8

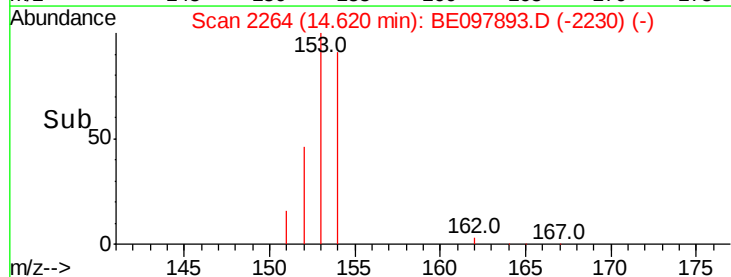
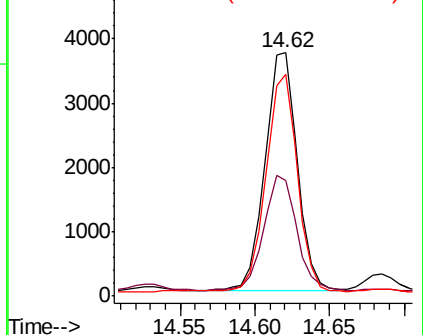
154 91.0 68.6 103.0

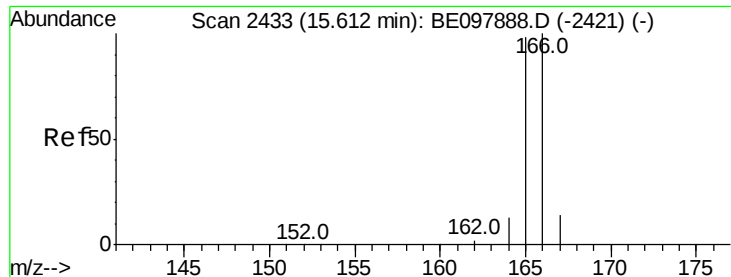


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.61 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

ClientSampleId :

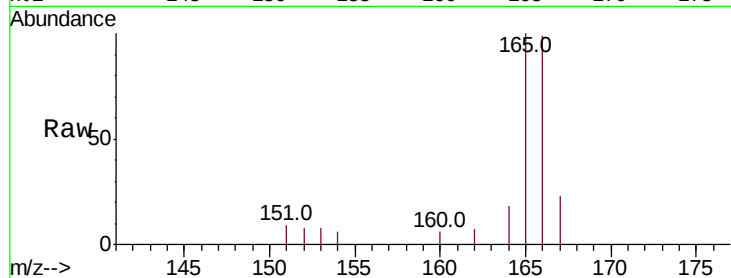
Tot Ion:166 Resp: 1776

Ion Ratio Lower Upper

166 100

165 101.1 79.2 118.8

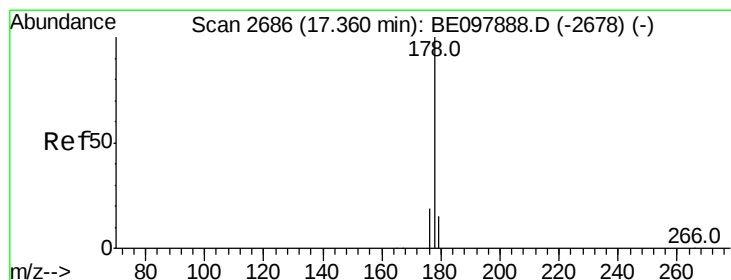
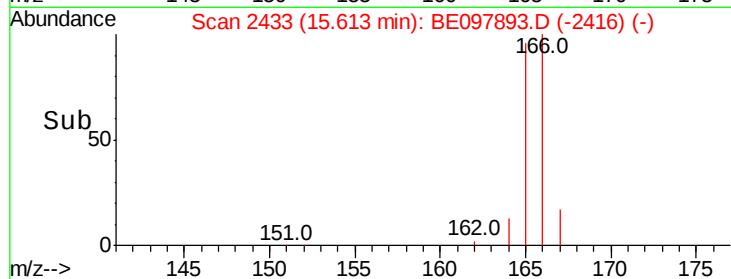
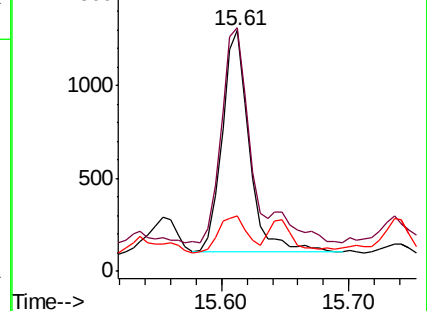
167 22.9 11.3 16.9#



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: 0.040 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. 0.08 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

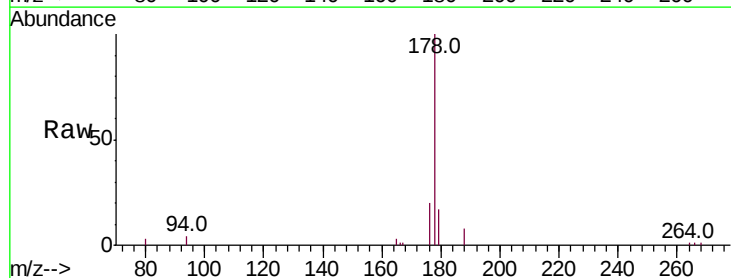
Tgt Ion:178 Resp: 17207

Ion Ratio Lower Upper

178 100

179 17.4 12.8 19.2

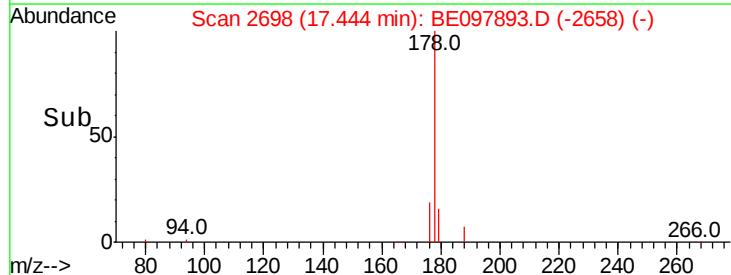
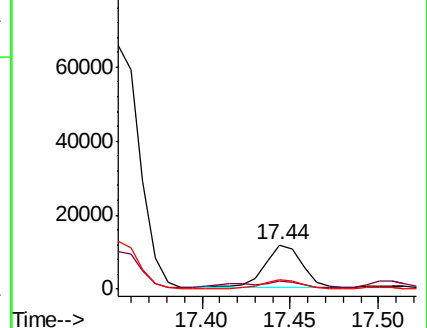
176 20.3 14.9 22.3

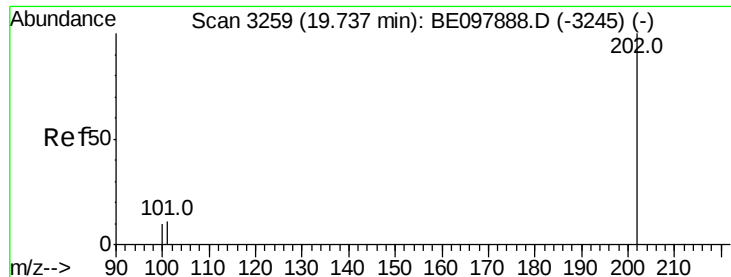


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

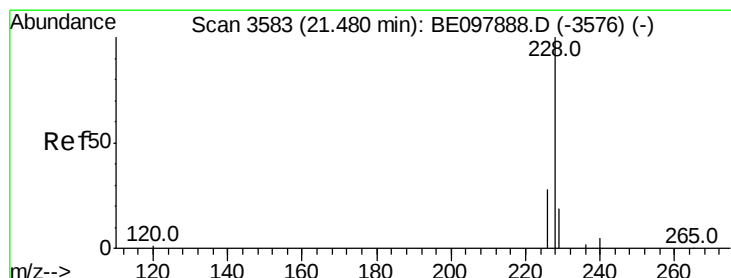
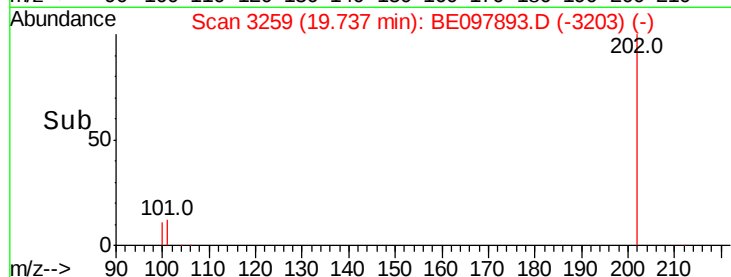
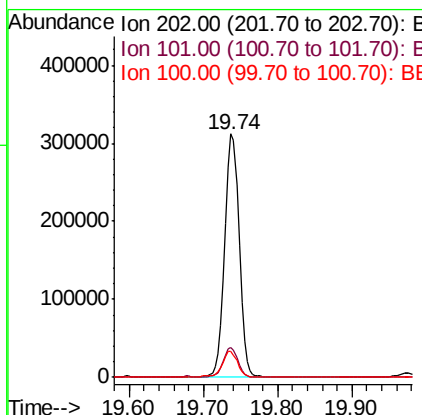
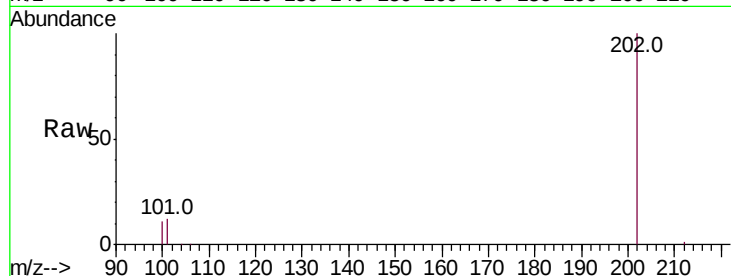




#17
Pvrene
Concen: 1173.295 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. -0.00 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

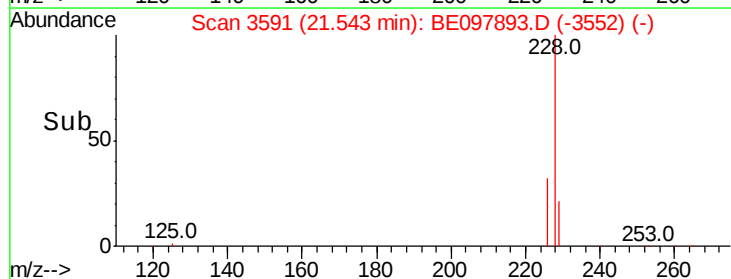
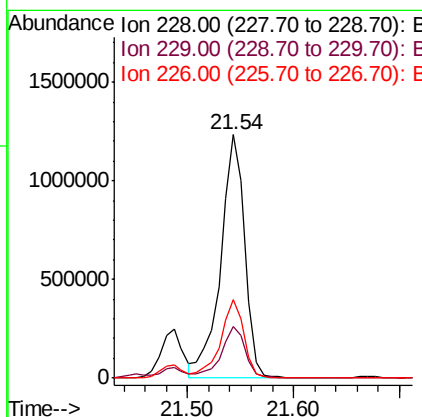
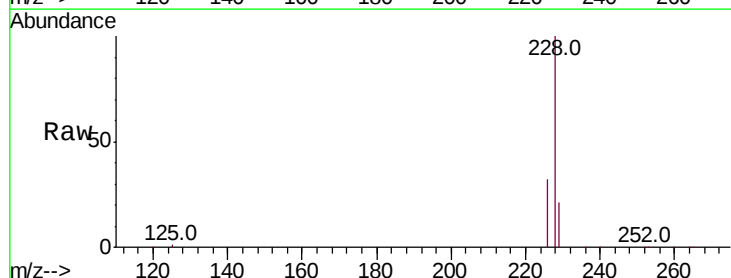
Instrument :
BNA_E
ClientSampleId :

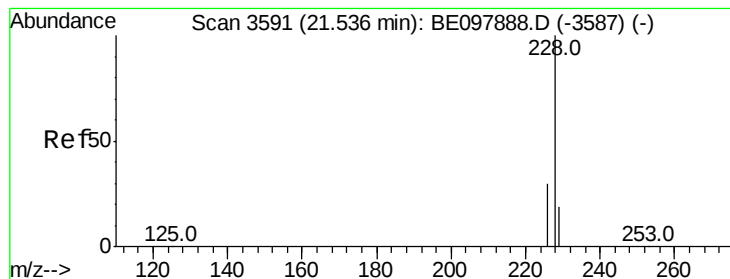
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.8	13.2
100	10.9	7.9	11.9



#18
Benzo(a)anthracene
Concen: 4333.136 ng/ul
RT: 21.54 min Scan# 3591
Delta R.T. 0.06 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.4	24.6
226	32.1	21.5	32.3





#19

Chrysene

Concen: 4822.705 ng/ul

RT: 21.54 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

ClientSampleId :

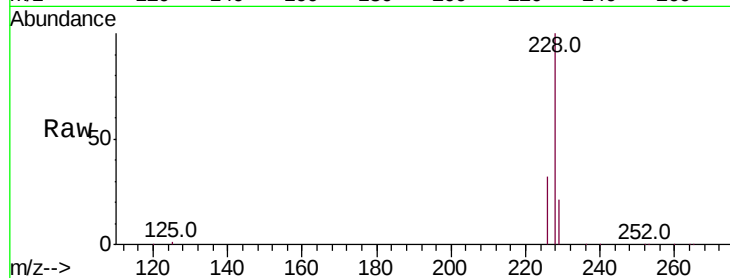
Tot Ion:228 Resp: 1925923

Ion Ratio Lower Upper

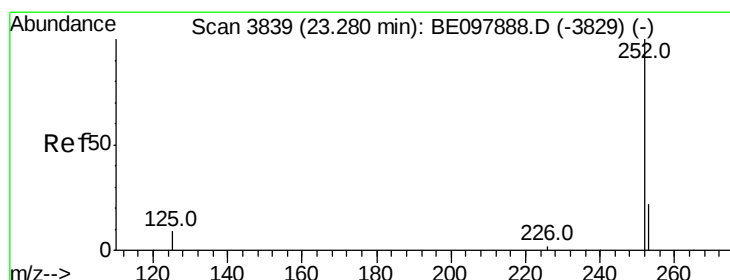
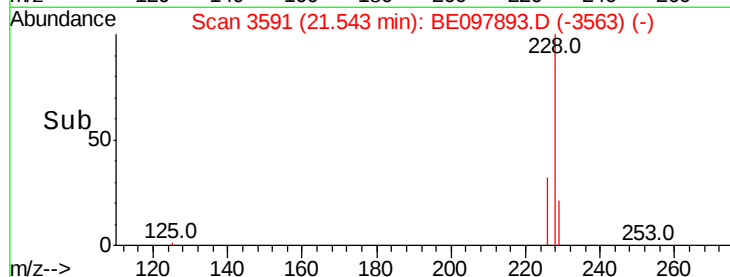
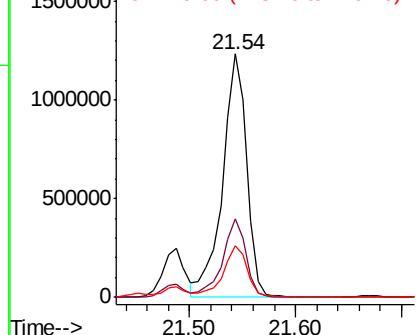
228 100

226 32.1 23.0 34.4

229 21.0 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: 315.651 ng/ul

RT: 23.29 min Scan# 3840

Delta R.T. 0.01 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

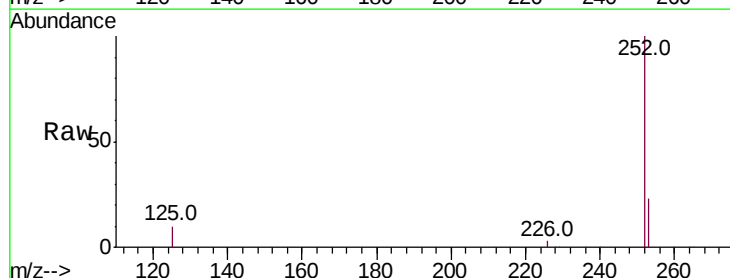
Tgt Ion:252 Resp: 1546352

Ion Ratio Lower Upper

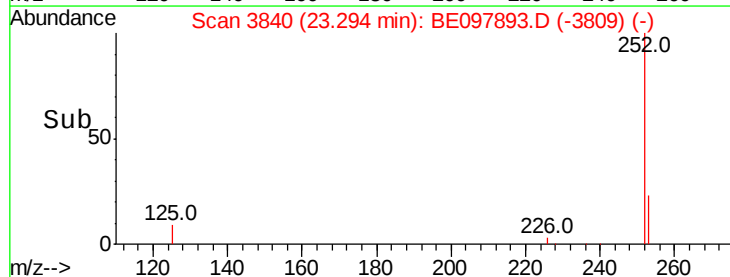
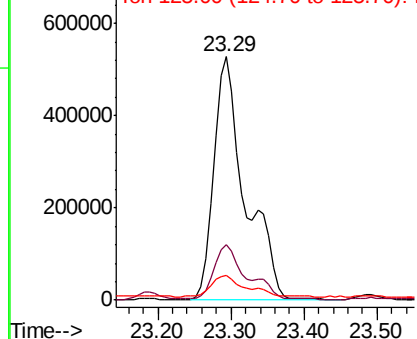
252 100

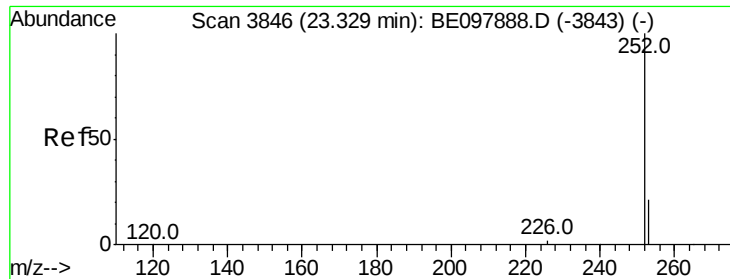
253 23.0 0.0 47.0

125 10.2 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

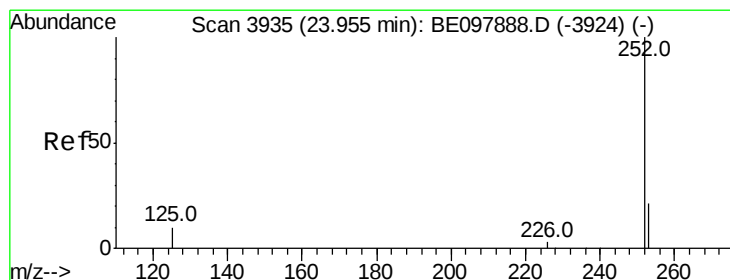
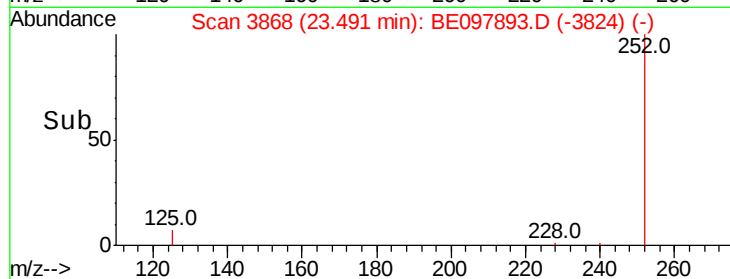
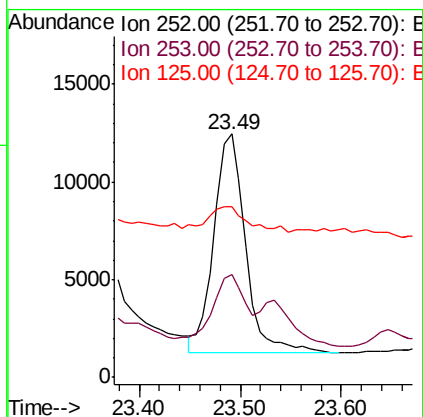
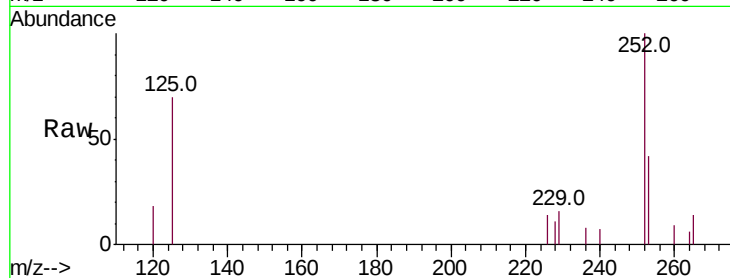




#22
Benzo(k)fluoranthene
Concen: 4.640 ng/ul
RT: 23.49 min Scan# 3868
Delta R.T. 0.16 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

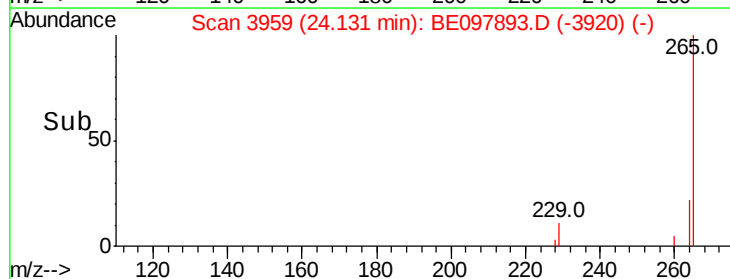
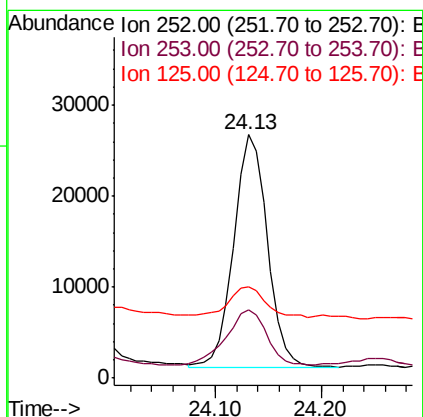
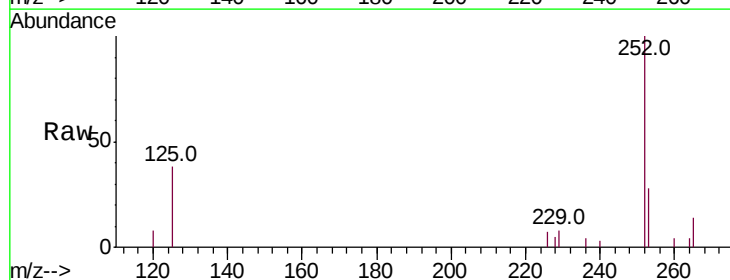
Instrument :
BNA_E
ClientSampleId :

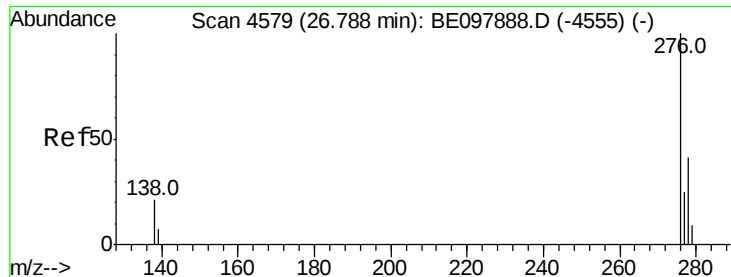
Tot Ion:252 Resp: 24331
Ion Ratio Lower Upper
252 100
253 42.3 17.8 26.6#
125 70.0 9.4 14.0#



#23
Benzo(a)pyrene
Concen: 11.616 ng/ul
RT: 24.13 min Scan# 3959
Delta R.T. 0.18 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion:252 Resp: 55871
Ion Ratio Lower Upper
252 100
253 28.2 18.2 27.4#
125 37.6 8.3 12.5#



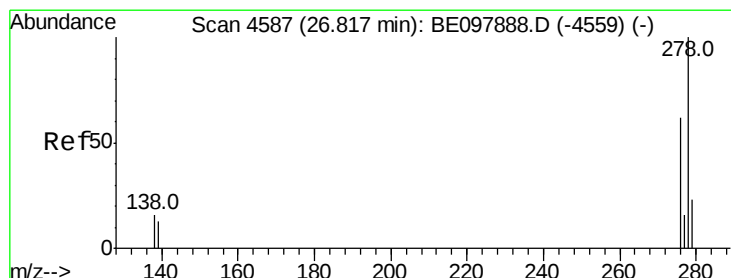
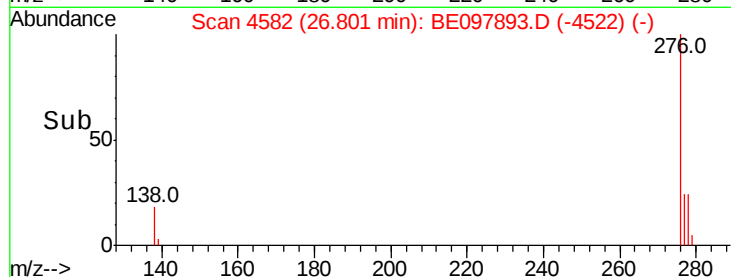
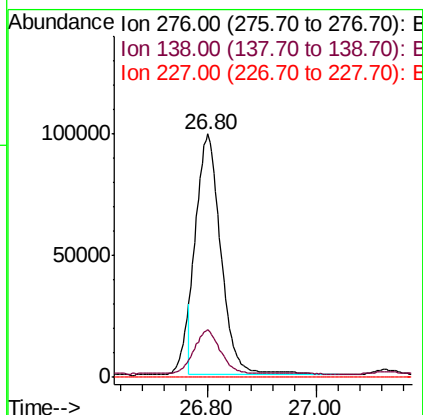
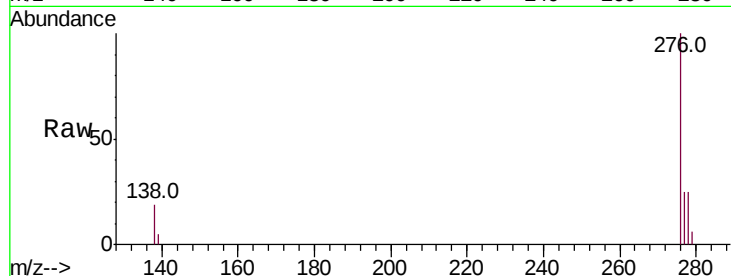


#24

Indeno(1,2,3-cd)pyrene
Concen: 57.274 ng/ul
RT: 26.80 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Instrument :
BNA_E
ClientSampleId :

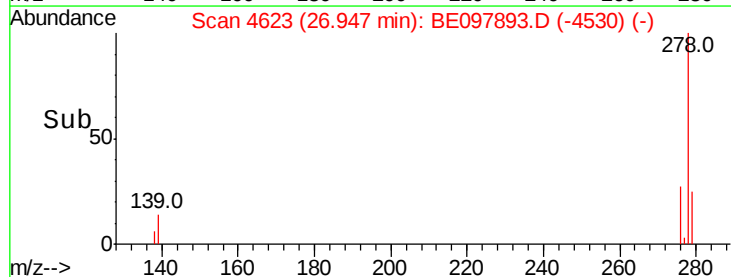
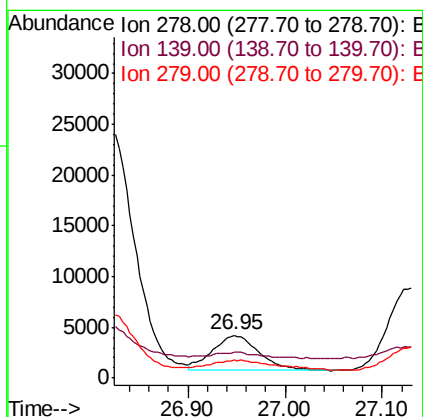
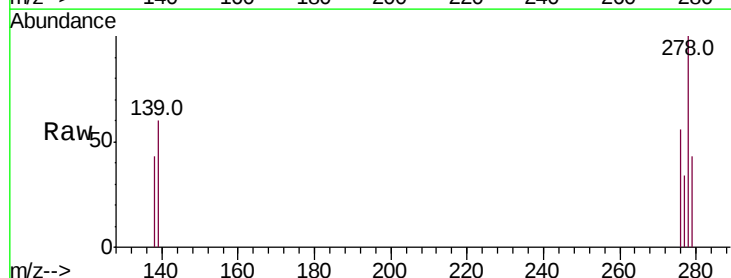
Tot Ion:276 Resp: 312723
Ion Ratio Lower Upper
276 100
138 17.5 0.0 0.0#
227 0.0 0.0 0.0

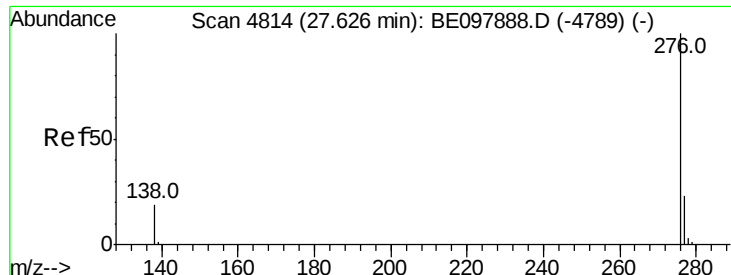


#25

Dibenzo(a,h)anthracene
Concen: 2.591 ng/ul
RT: 26.95 min Scan# 4623
Delta R.T. 0.13 min
Lab File: BE097893.D
Acq: 12 Oct 2018 23:45

Tgt Ion:278 Resp: 11691
Ion Ratio Lower Upper
278 100
139 59.9 10.9 16.3#
279 43.1 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 71.349 ng/ul

RT: 27.65 min Scan# 4819

Delta R.T. 0.02 min

Lab File: BE097893.D

Acq: 12 Oct 2018 23:45

Instrument :

BNA_E

ClientSampleId :

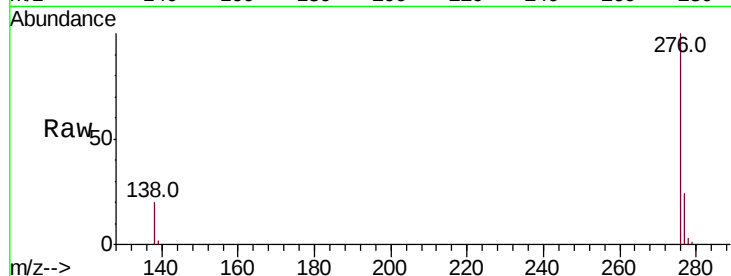
Tot Ion:276 Resp: 339438

Ion Ratio Lower Upper

276 100

138 19.6 14.3 21.5

277 24.4 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

