

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097884.D
 Acq On : 12 Oct 2018 12:57
 Operator : SJ/JU
 Sample : J5183-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 14:27:56 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 04:56:57 2018
 Response via : Initial Calibration

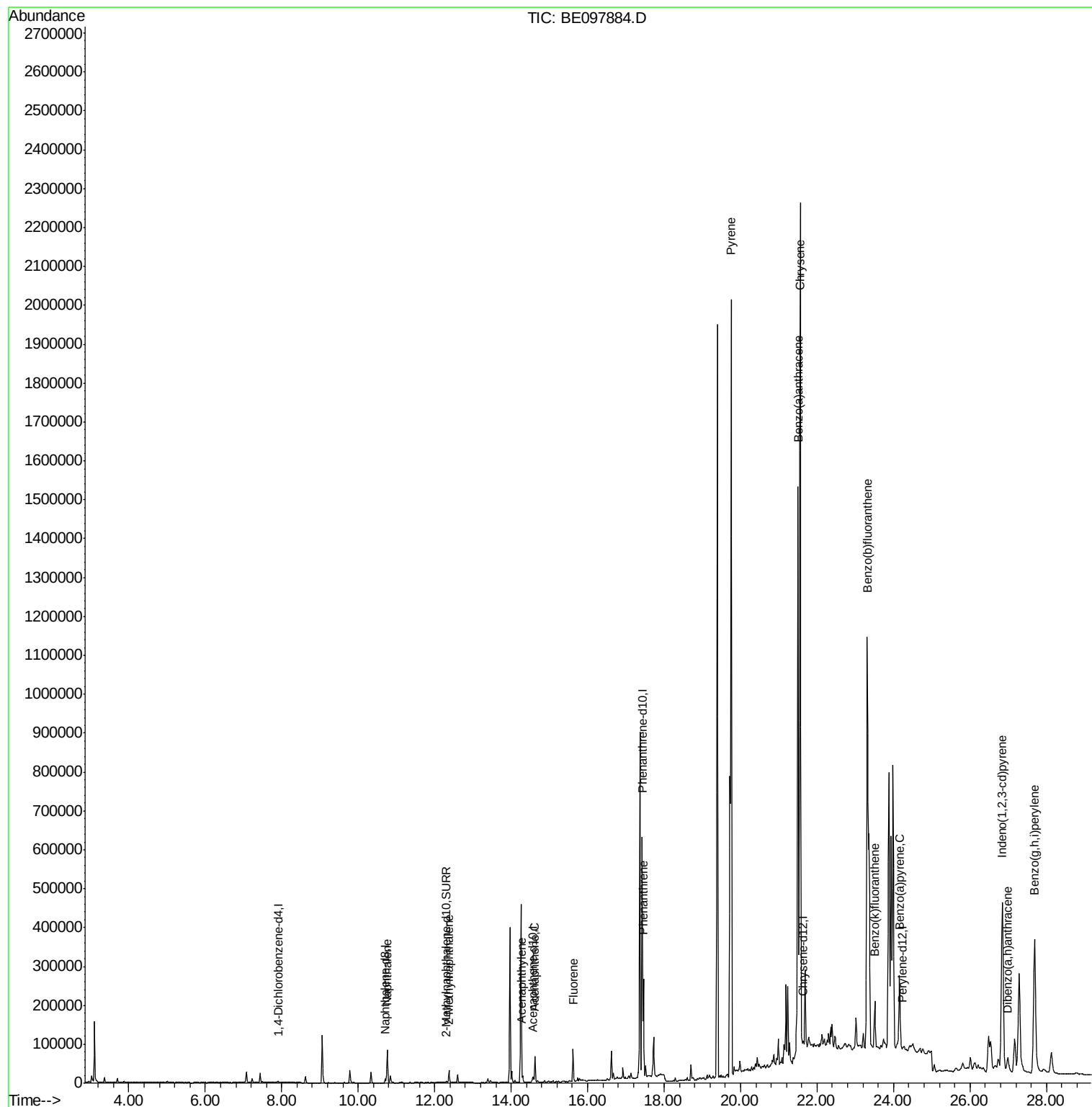
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2243	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11489	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	9354	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.42	188	721941	0.40	ng/ul	0.11
16) Chrysene-d12	21.64	240	857	0.40	ng/ul	0.15
20) Perylene-d12	24.25	264	5645	0.40	ng/ul	0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	4416	0.23	ng/ul	0.01
14) Fluoranthene-d10	19.45	212	1278	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	126236	4.515	ng/ul	100
5) 2-Methylnaphthalene	12.38	142	27353	1.352	ng/ul	99
7) Acenaphthylene	14.28	152	8233	0.233	ng/ul#	83
8) Acenaphthene	14.62	153	41576	1.514	ng/ul	97
9) Fluorene	15.62	166	53298	1.487	ng/ul	99
12) Phenanthrene	17.46	178	266615	0.156	ng/ul	99
17) Pyrene	19.76	202	2364503	926.153	ng/ul	97
18) Benzo(a)anthracene	21.50	228	1387776	535.574	ng/ul	97
19) Chrysene	21.56	228	2260653	971.007	ng/ul	93
21) Benzo(b)fluoranthene	23.32	252	2649810	175.635	ng/ul	97
22) Benzo(k)fluoranthene	23.51	252	186011	11.518	ng/ul#	63
23) Benzo(a)pyrene	24.16	252	301117	20.329	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	26.85	276	823591	48.979	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.99	278	62963	4.531	ng/ul#	41
26) Benzo(g,h,i)perylene	27.69	276	890857	60.804	ng/ul	98

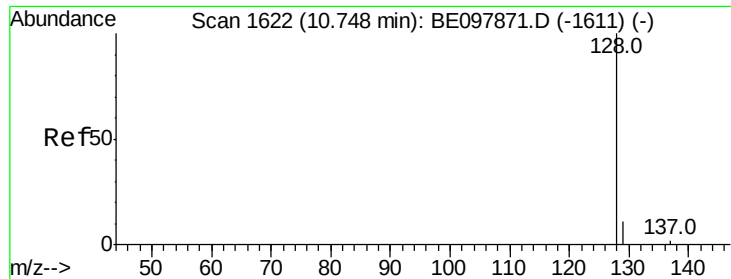
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 04:56:57 2018
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#3

Naphthalene

Concen: 4.515 ng/ul

RT: 10.76 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

ClientSampleId :

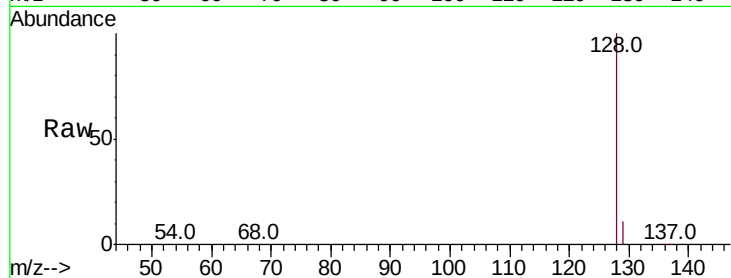
Tot Ion:128 Resp: 126236

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

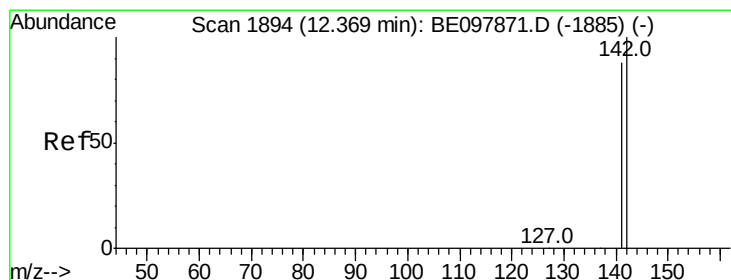
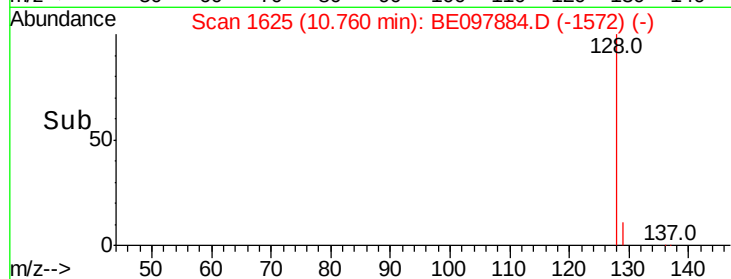
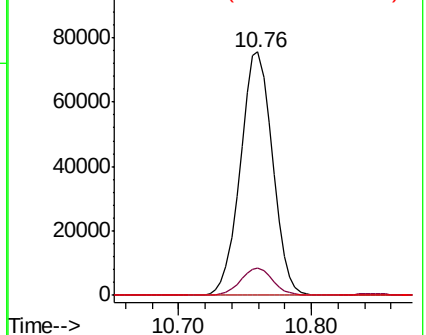
127 0.0 0.0 0.0



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: 1.352 ng/ul

RT: 12.38 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BE097884.D

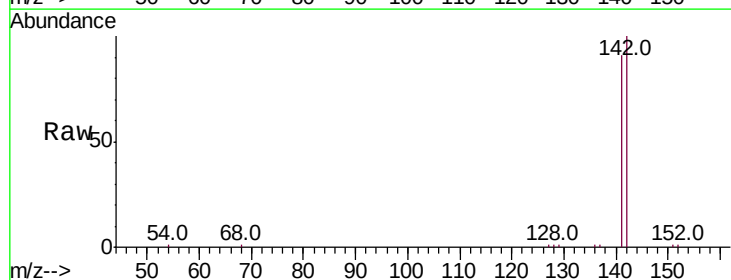
Acq: 12 Oct 2018 12:57

Tgt Ion:142 Resp: 27353

Ion Ratio Lower Upper

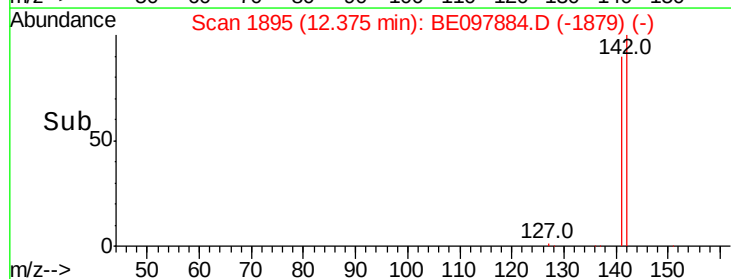
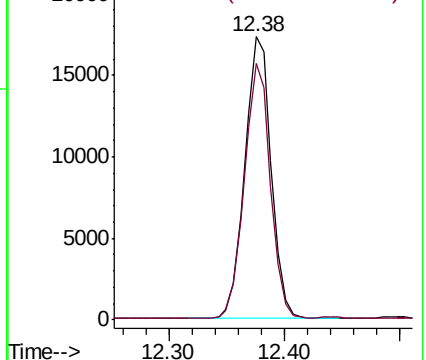
142 100

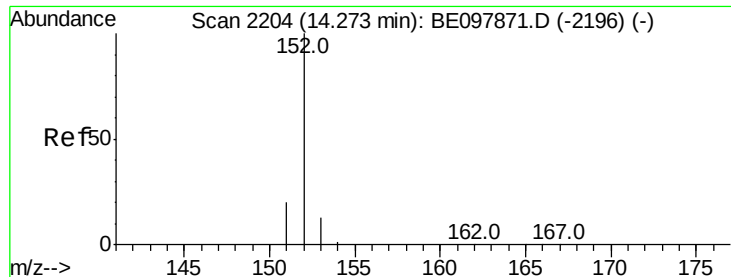
141 88.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.233 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

ClientSampleId :

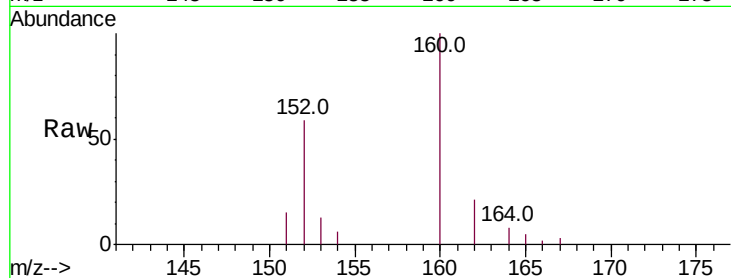
Tot Ion:152 Resp: 8233

Ion Ratio Lower Upper

152 100

151 24.9 15.0 22.6#

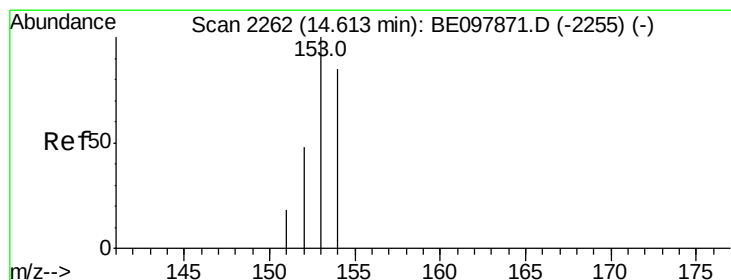
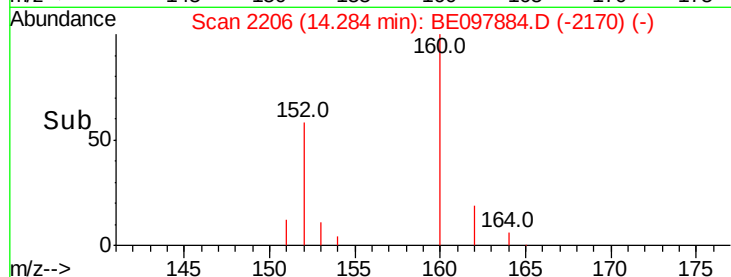
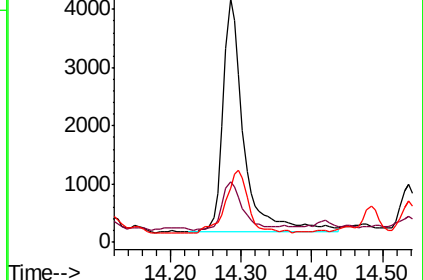
153 22.1 10.5 15.7#



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: 1.514 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

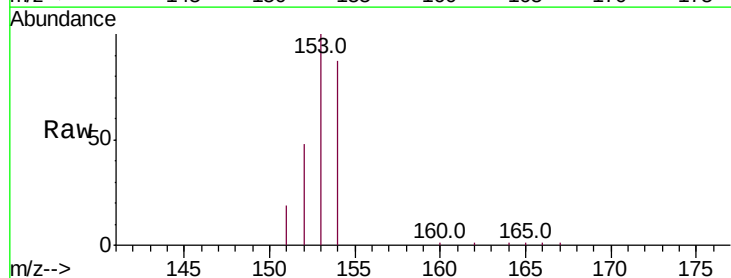
Tgt Ion:153 Resp: 41576

Ion Ratio Lower Upper

153 100

152 48.2 41.2 61.8

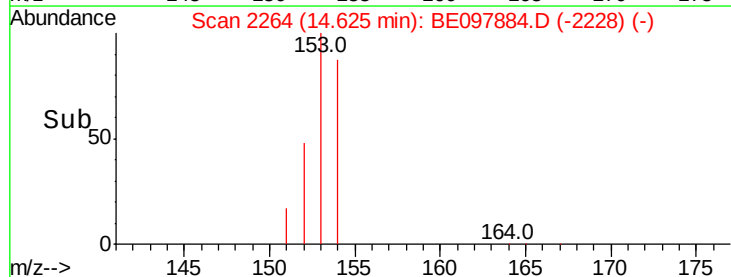
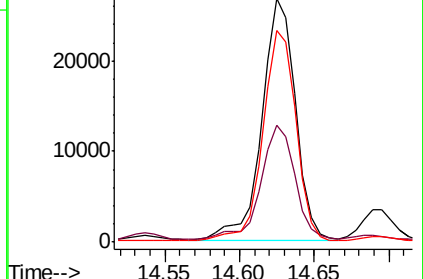
154 87.2 68.6 103.0

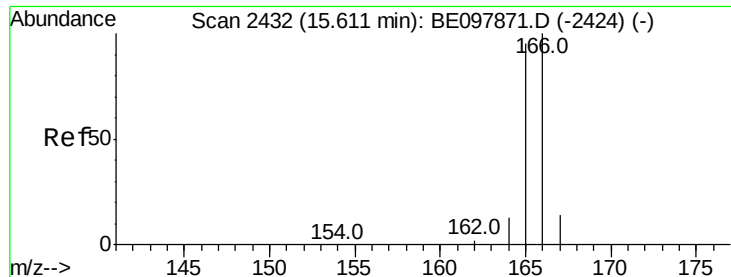


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

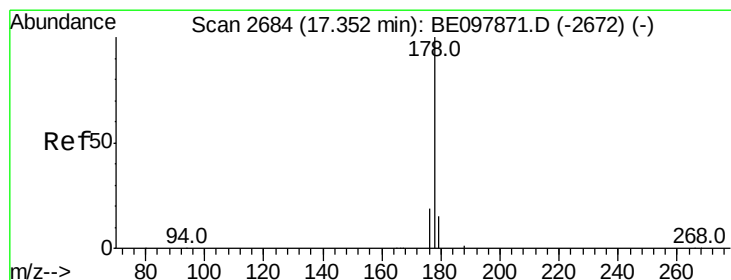
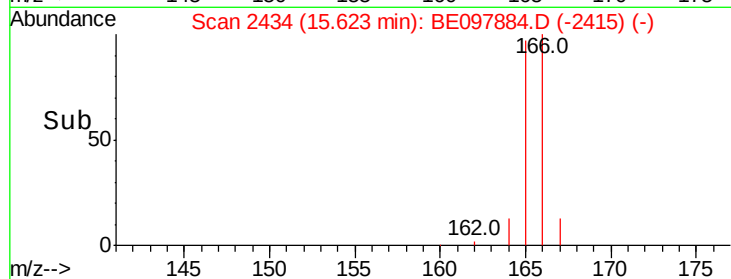
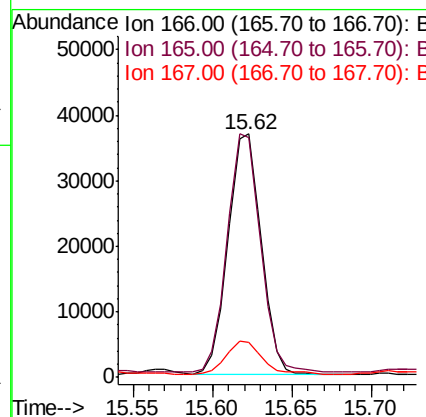
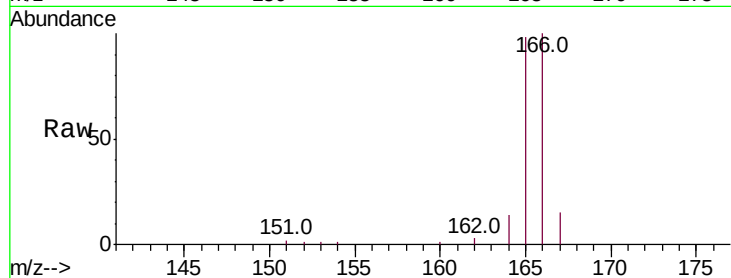




#9
Fluorene
 Concen: 1.487 ng/ul
 RT: 15.62 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BE097884.D
 Acq: 12 Oct 2018 12:57

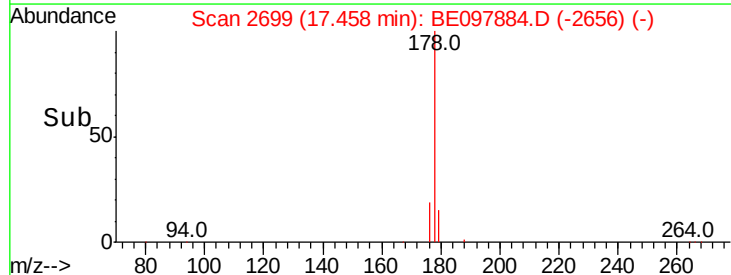
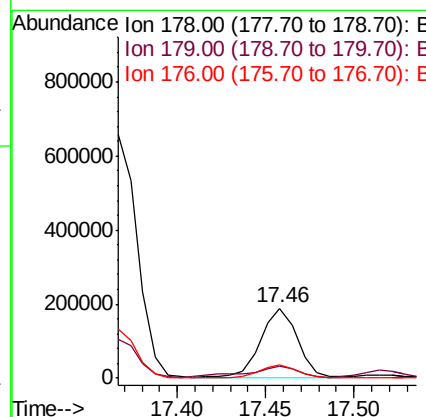
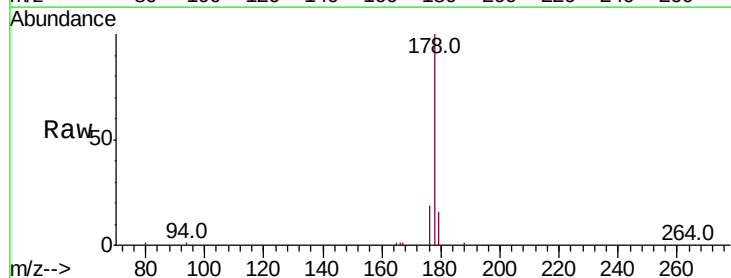
Instrument :
 BNA_E
 ClientSampled :

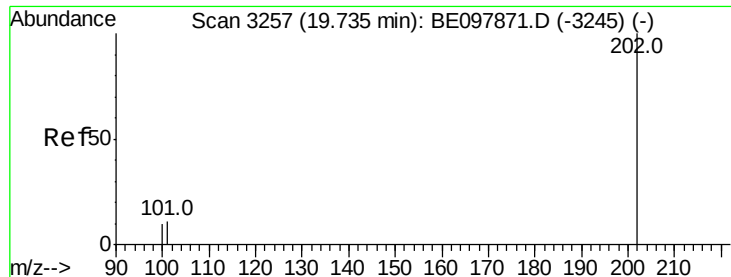
Tot Ion:166 Resp: 53298
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.2 118.8
 167 14.6 11.3 16.9



#12
Phenanthrene
 Concen: 0.156 ng/ul
 RT: 17.46 min Scan# 2699
 Delta R.T. 0.11 min
 Lab File: BE097884.D
 Acq: 12 Oct 2018 12:57

Tgt Ion:178 Resp: 266615
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.8 19.2
 176 19.0 14.9 22.3





#17

Pvrene

Concen: 926.153 ng/ul

RT: 19.76 min Scan# 3263

Delta R.T. 0.02 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

ClientSampleId :

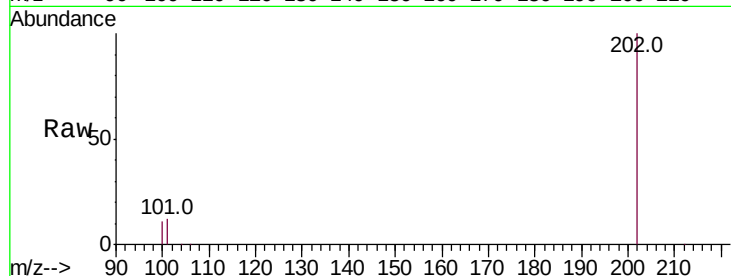
Tot Ion:202 Resp: 2364503

Ion Ratio Lower Upper

202 100

101 12.1 8.8 13.2

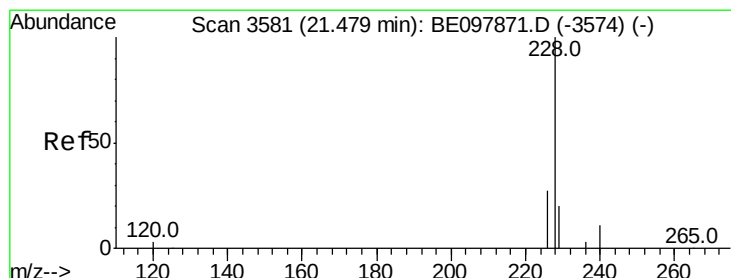
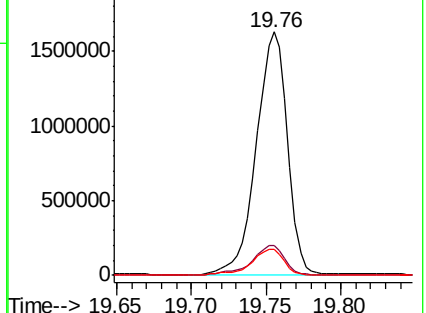
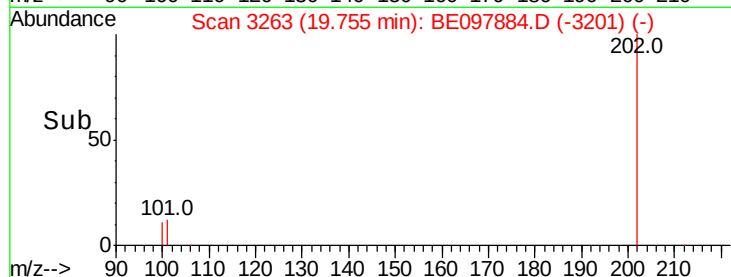
100 10.7 7.9 11.9



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): E



#18

Benzo(a)anthracene

Concen: 535.574 ng/ul

RT: 21.50 min Scan# 3584

Delta R.T. 0.02 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

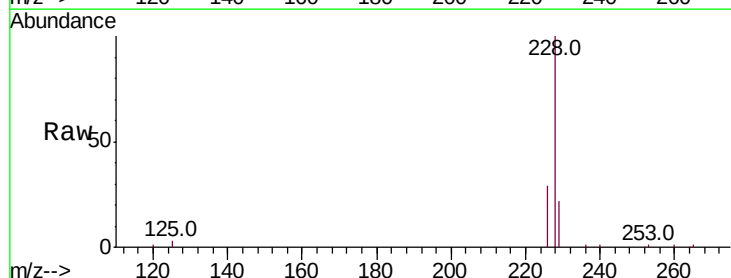
Tgt Ion:228 Resp: 1387776

Ion Ratio Lower Upper

228 100

229 21.9 16.4 24.6

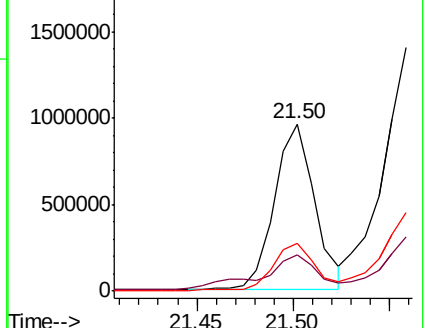
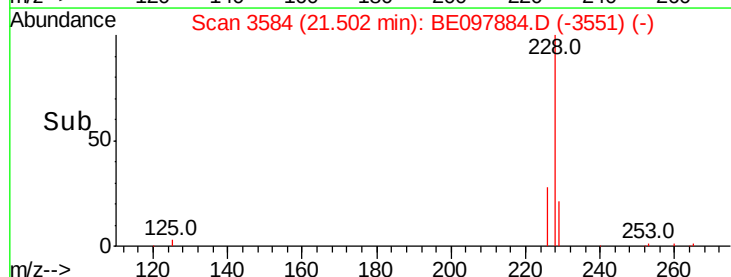
226 28.7 21.5 32.3

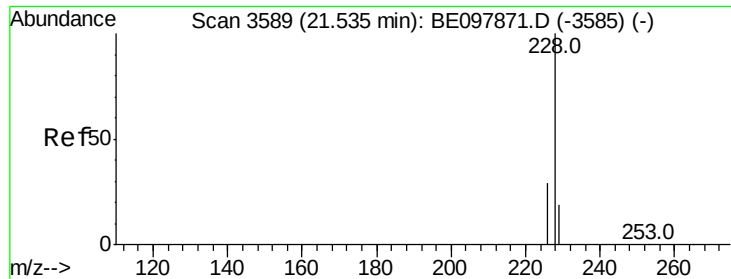


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 971.007 ng/ul

RT: 21.56 min Scan# 3592

Delta R.T. 0.02 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

ClientSampleId :

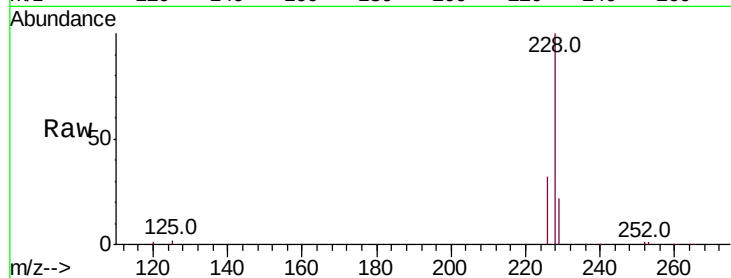
Tot Ion:228 Resp: 2260653

Ion Ratio Lower Upper

228 100

226 32.3 23.0 34.4

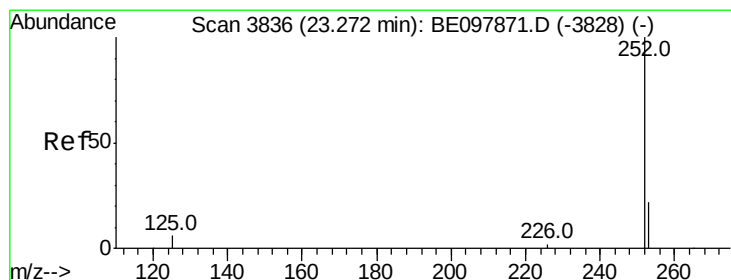
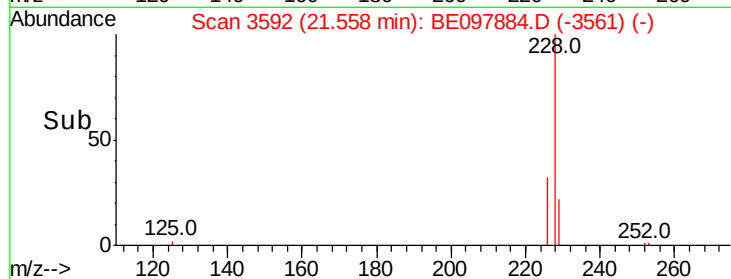
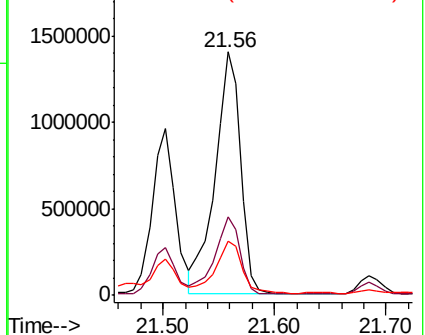
229 22.3 15.5 23.3



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: 175.635 ng/ul

RT: 23.32 min Scan# 3842

Delta R.T. 0.04 min

Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

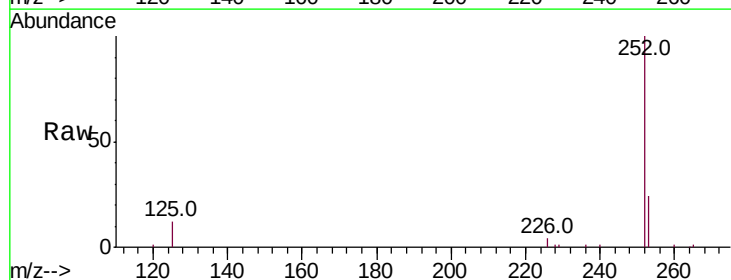
Tgt Ion:252 Resp: 2649810

Ion Ratio Lower Upper

252 100

253 23.9 0.0 47.0

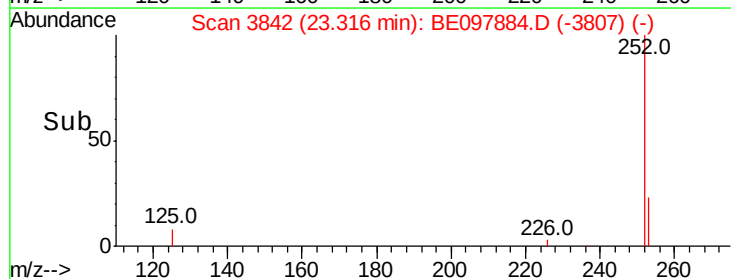
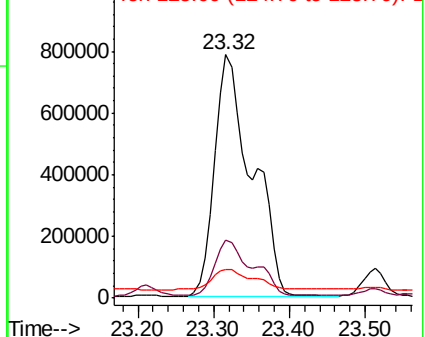
125 11.9 0.0 18.2

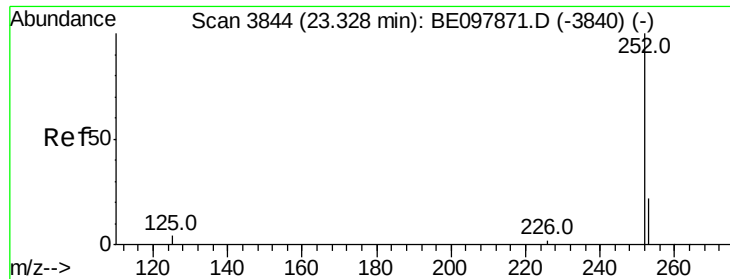


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

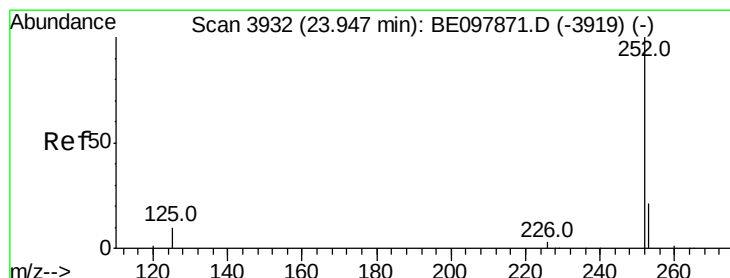
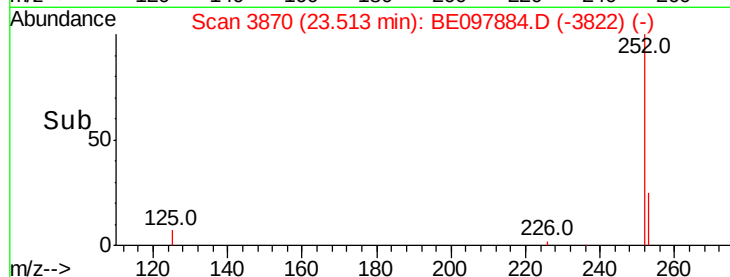
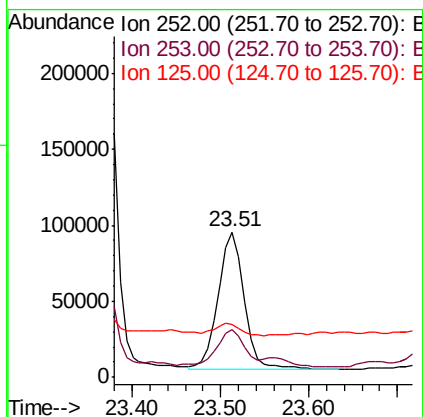
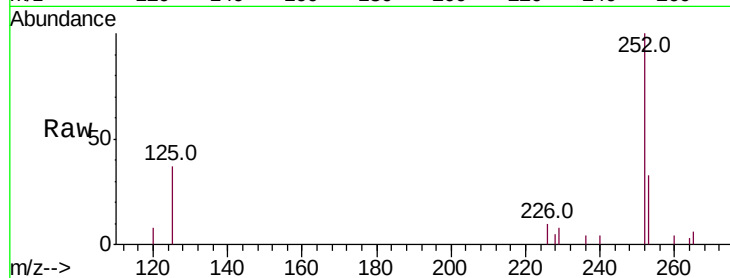




#22
Benzo(k)fluoranthene
Concen: 11.518 ng/ul
RT: 23.51 min Scan# 3870
Delta R.T. 0.18 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

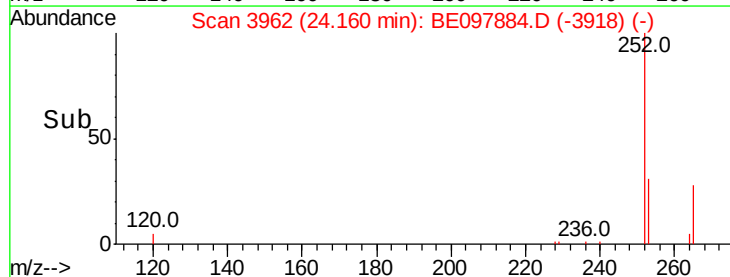
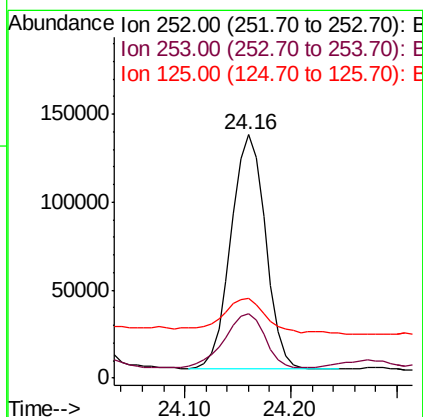
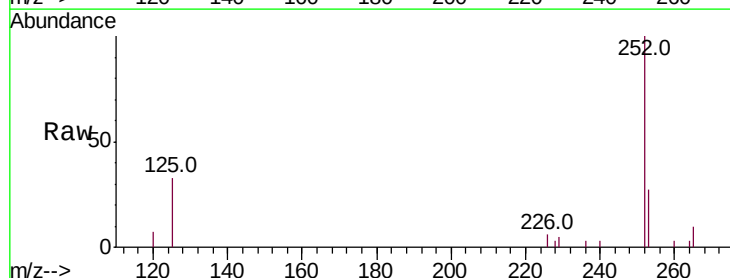
Instrument :
BNA_E
ClientSampleId :

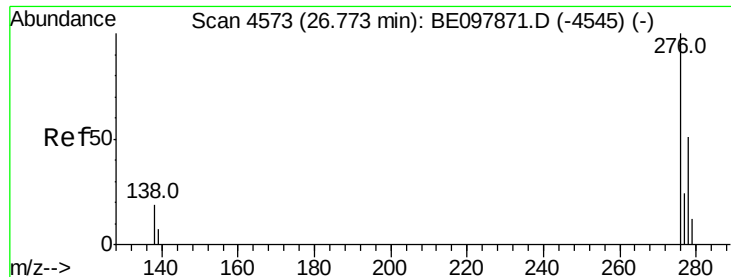
Tot Ion:252 Resp: 186011
Ion Ratio Lower Upper
252 100
253 32.7 17.8 26.6#
125 36.6 9.4 14.0#



#23
Benzo(a)pyrene
Concen: 20.329 ng/ul
RT: 24.16 min Scan# 3962
Delta R.T. 0.21 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Tgt Ion:252 Resp: 301117
Ion Ratio Lower Upper
252 100
253 26.6 18.2 27.4
125 32.5 8.3 12.5#



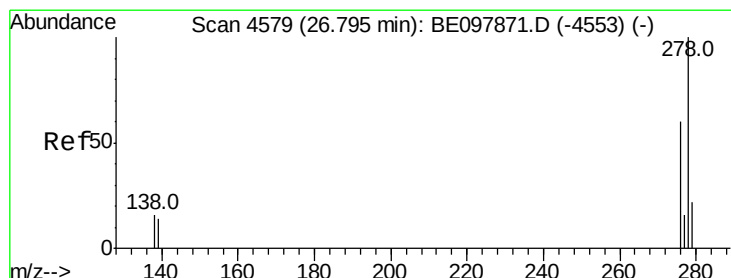
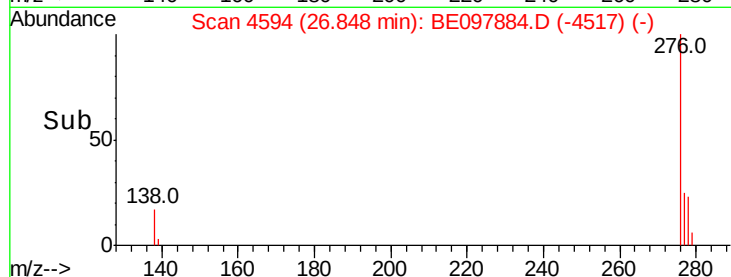
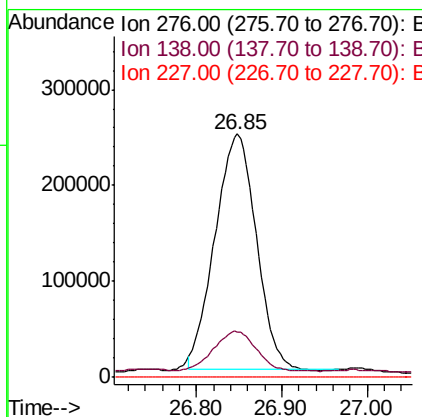
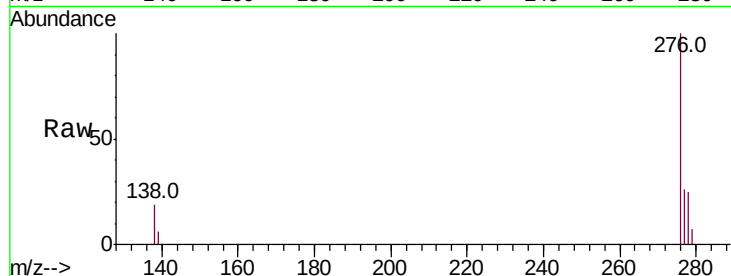


#24

Indeno(1,2,3-cd)pyrene
Concen: 48.979 ng/ul
RT: 26.85 min Scan# 4594
Delta R.T. 0.07 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Instrument :
BNA_E
ClientSampleId :

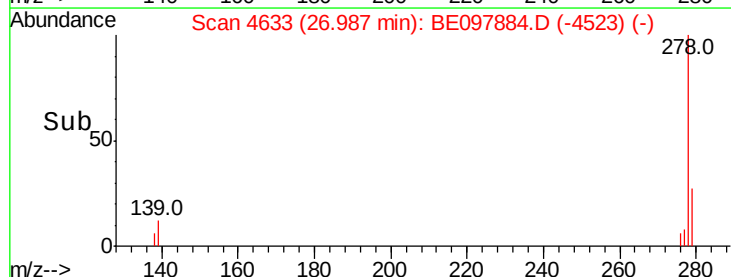
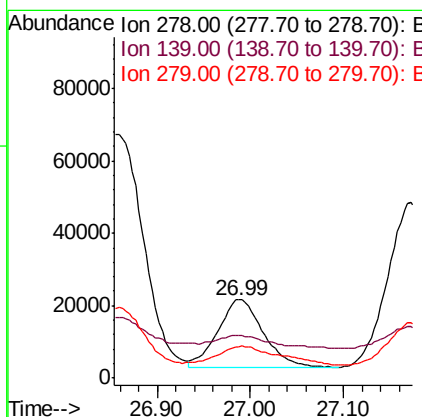
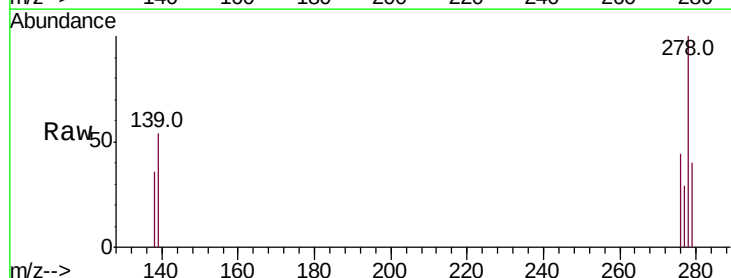
Tot Ion:276 Resp: 823591
Ion Ratio Lower Upper
276 100
138 17.4 0.0 0.0#
227 0.0 0.0 0.0

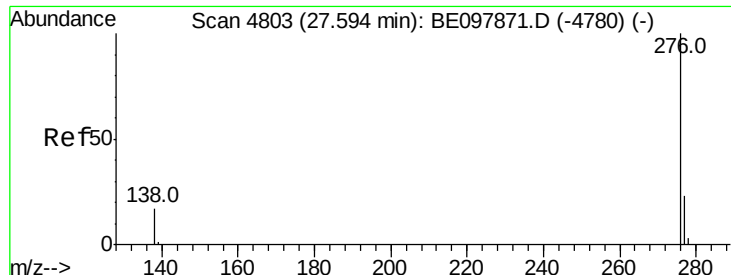


#25

Dibenzo(a,h)anthracene
Concen: 4.531 ng/ul
RT: 26.99 min Scan# 4633
Delta R.T. 0.19 min
Lab File: BE097884.D
Acq: 12 Oct 2018 12:57

Tgt Ion:278 Resp: 62963
Ion Ratio Lower Upper
278 100
139 54.2 10.9 16.3#
279 40.5 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 60.804 ng/ul

RT: 27.69 min Scan# 4830

Delta R.T. 0.10 min

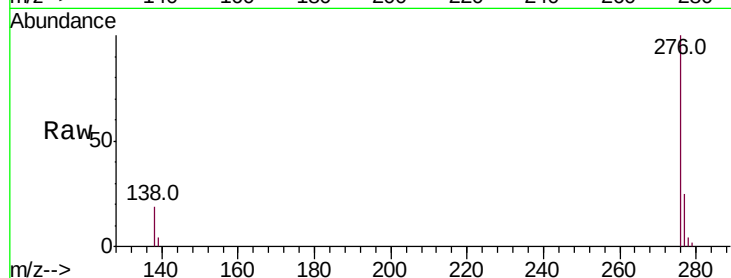
Lab File: BE097884.D

Acq: 12 Oct 2018 12:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 890857

Ion Ratio Lower Upper

276 100

138 19.3 14.3 21.5

277 25.0 19.5 29.3

