

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097868.D
 Acq On : 11 Oct 2018 21:48
 Operator : SJ/JU
 Sample : J5183-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 03:59:16 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

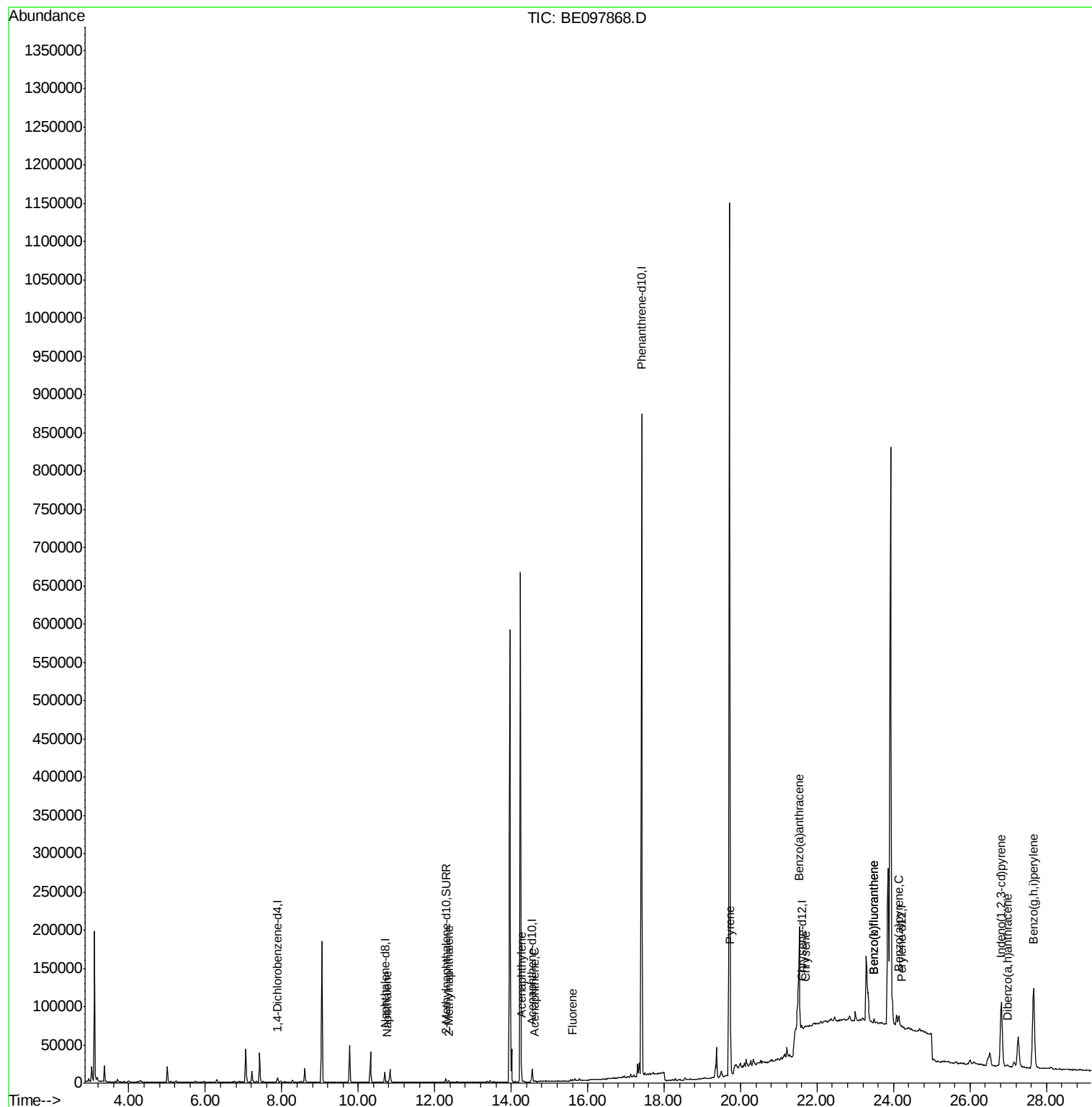
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2622	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13341	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	9461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.41	188	1000161	0.40	ng/ul	0.11
16) Chrysene-d12	21.61	240	36	0.40	ng/ul	0.13
20) Perylene-d12	24.22	264	278	0.40	ng/ul	0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6874	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2421	0.075	ng/ul#	89
5) 2-Methylnaphthalene	12.36	142	1969	0.084	ng/ul	98
7) Acenaphthylene	14.27	152	3276	0.092	ng/ul#	65
8) Acenaphthene	14.61	153	1081	0.039	ng/ul#	89
9) Fluorene	15.61	166	1086	0.030	ng/ul#	68
17) Pyrene	19.73	202	87865	819.289	ng/ul	96
18) Benzo(a)anthracene	21.54	228	169456	1556.809	ng/ul#	88
19) Chrysene	21.68	228	5844	59.755	ng/ul#	1
21) Benzo(b)fluoranthene	23.49	252	7475	10.061	ng/ul#	1
22) Benzo(k)fluoranthene	23.49	252	7475	9.399	ng/ul#	1
23) Benzo(a)pyrene	24.14	252	23797	32.622	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.82	276	184947	223.339	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.98	278	3540	5.172	ng/ul#	1
26) Benzo(g,h,i)perylene	27.66	276	267295	370.453	ng/ul#	92

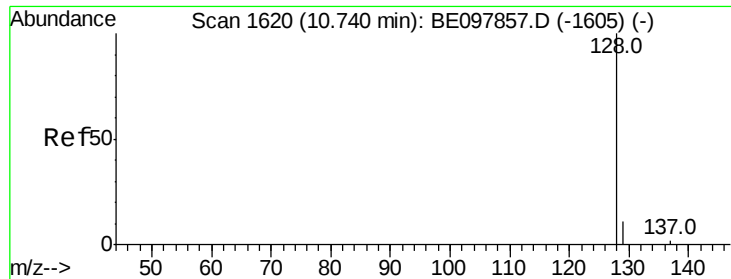
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.74 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

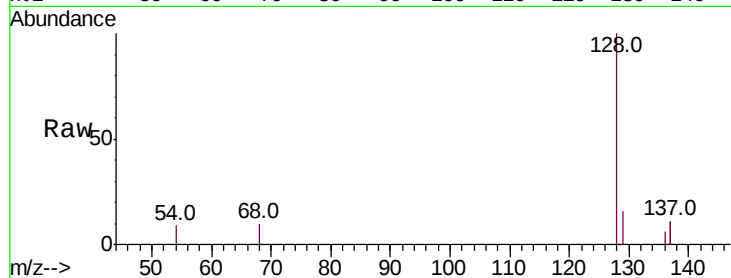
Tot Ion:128 Resp: 2421

Ion Ratio Lower Upper

128 100

129 15.8 9.1 13.7#

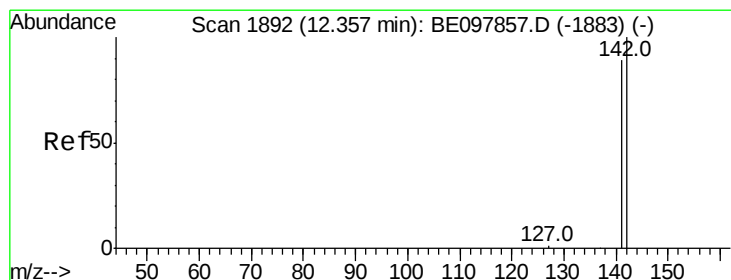
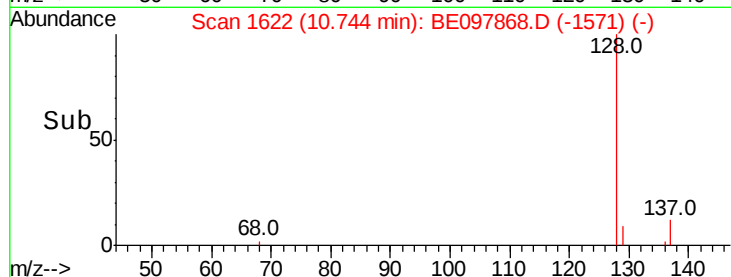
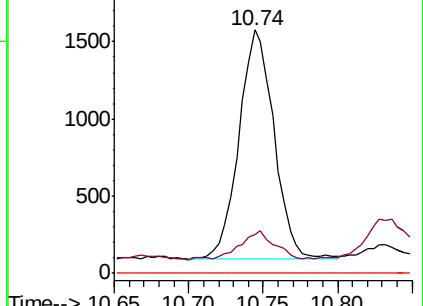
127 0.0 0.0 0.0



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: 0.084 ng/ul

RT: 12.36 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BE097868.D

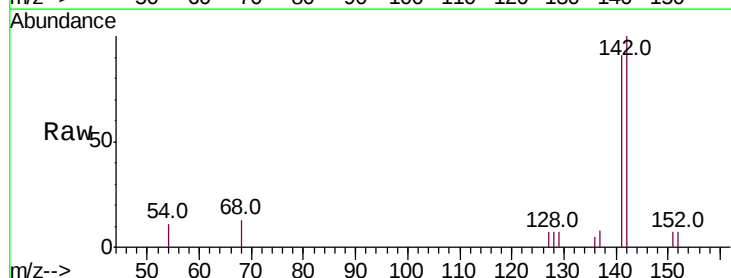
Acq: 11 Oct 2018 21:48

Tgt Ion:142 Resp: 1969

Ion Ratio Lower Upper

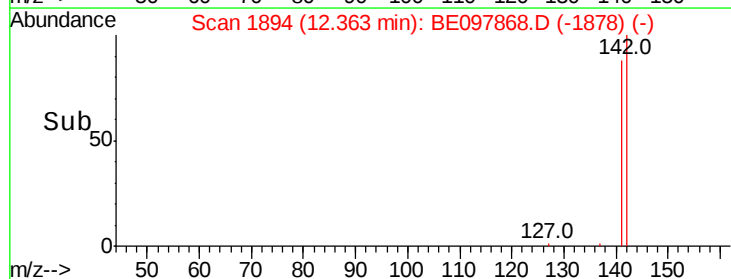
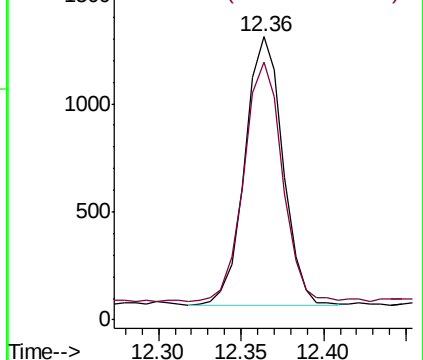
142 100

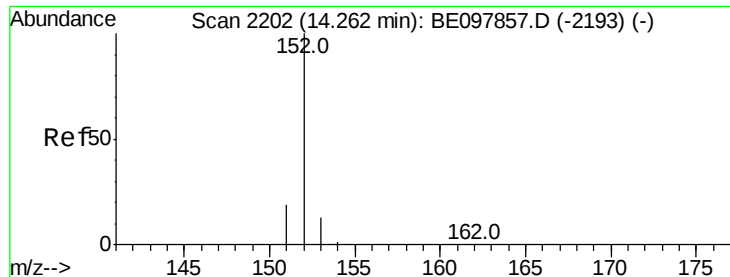
141 91.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

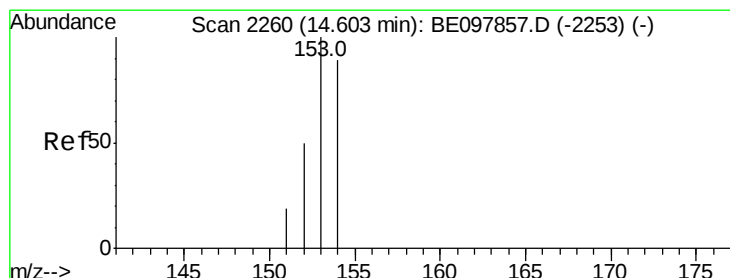
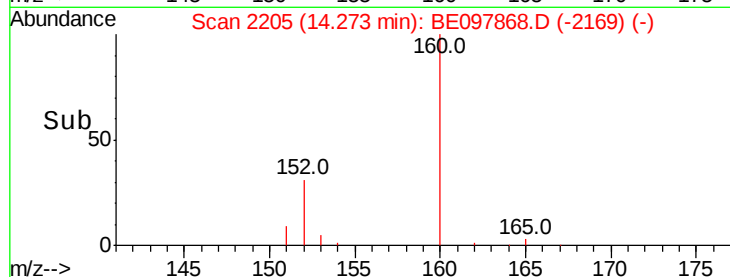
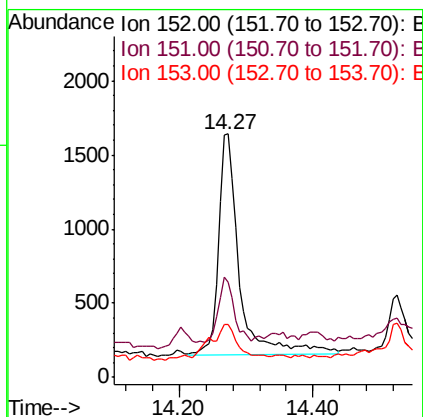
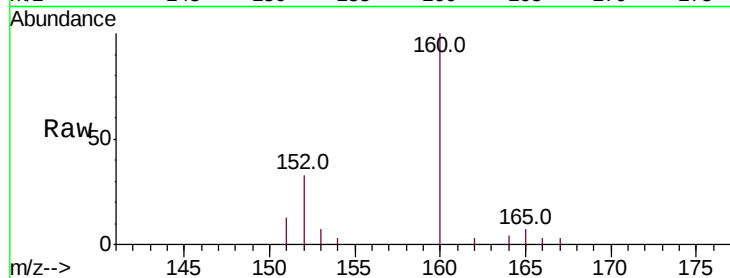
Tot Ion:152 Resp: 3276

Ion Ratio Lower Upper

152 100

151 39.0 15.0 22.6#

153 21.6 10.5 15.7#



#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.61 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

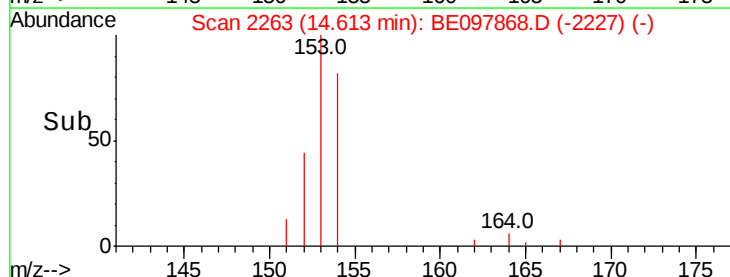
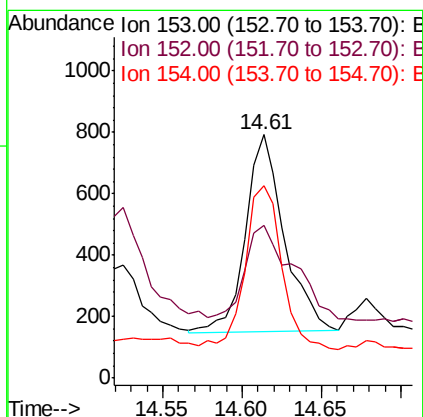
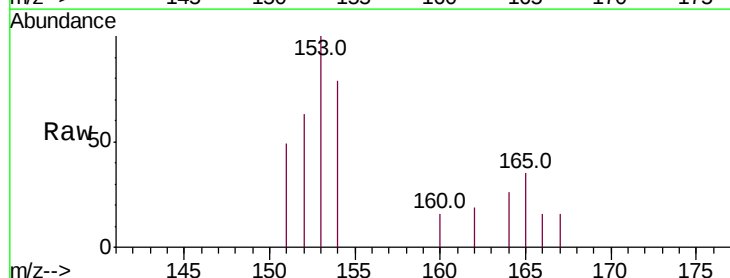
Tgt Ion:153 Resp: 1081

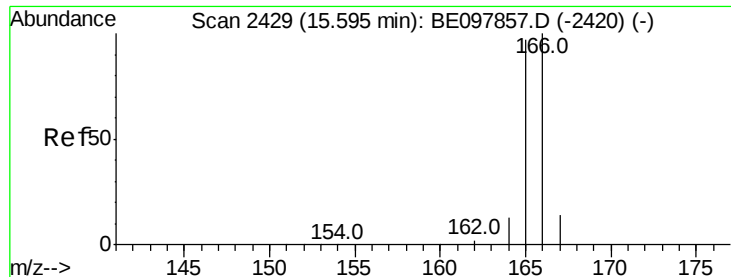
Ion Ratio Lower Upper

153 100

152 62.9 41.2 61.8#

154 78.9 68.6 103.0





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.61 min Scan# 2432

Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

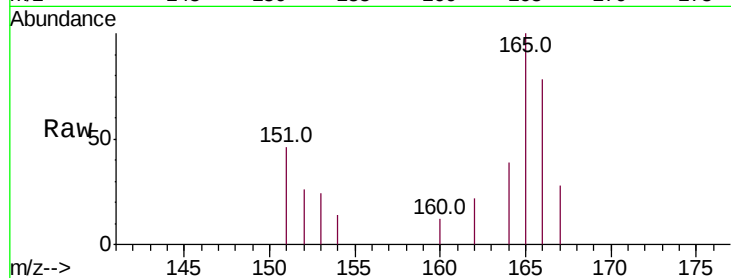
Tot Ion:166 Resp: 1086

Ion Ratio Lower Upper

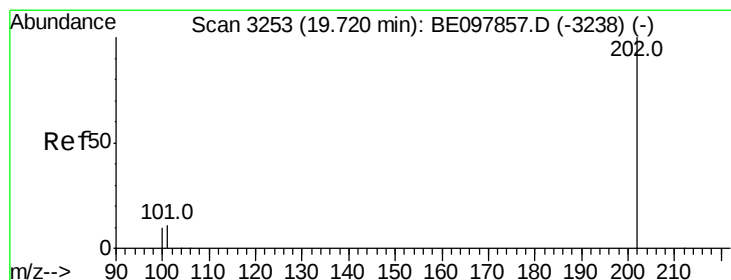
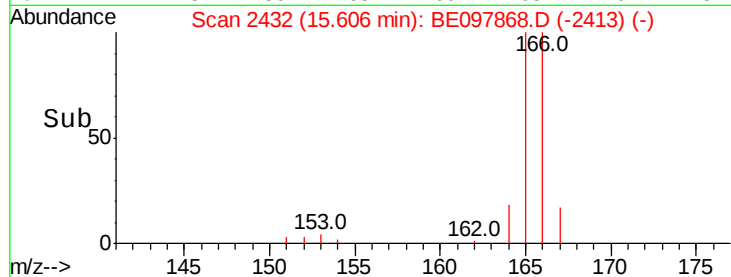
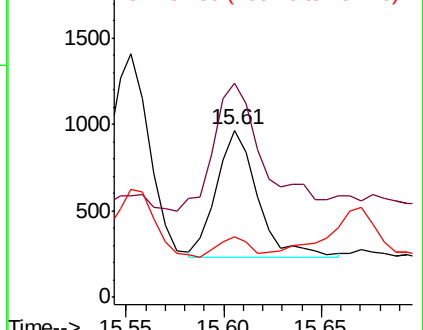
166 100

165 128.0 79.2 118.8#

167 36.4 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



#17

Pyrene

Concen: 819.289 ng/ul

RT: 19.73 min Scan# 3258

Delta R.T. 0.01 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

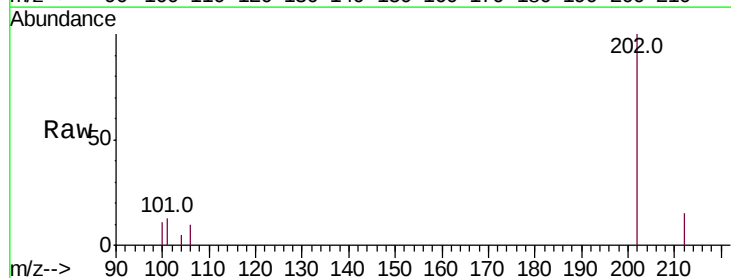
Tgt Ion:202 Resp: 87865

Ion Ratio Lower Upper

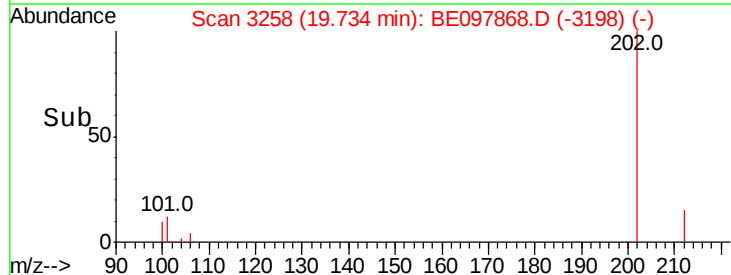
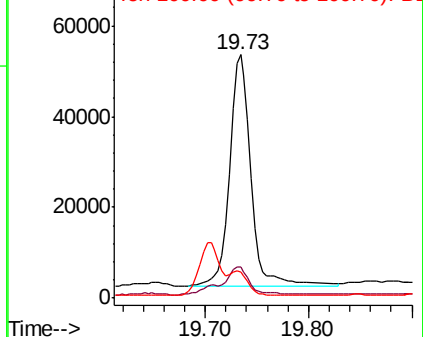
202 100

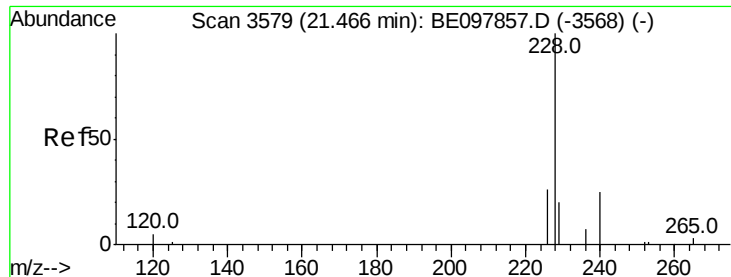
101 12.6 8.8 13.2

100 10.9 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): BE





#18

Benzo(a)anthracene

Concen: 1556.809 ng/ul

RT: 21.54 min Scan# 3590

Delta R.T. 0.07 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

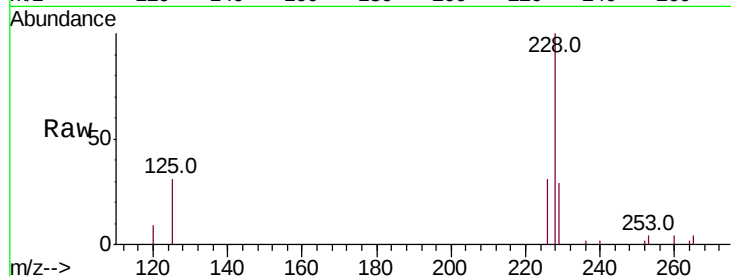
Tot Ion:228 Resp: 169456

Ion Ratio Lower Upper

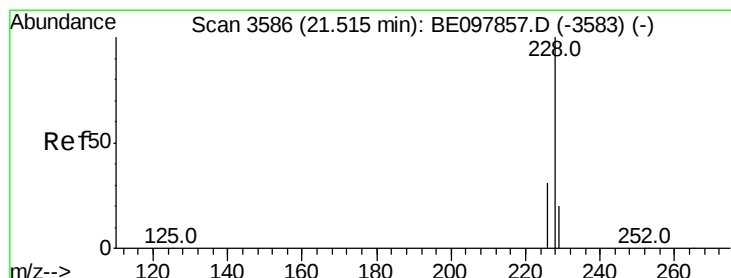
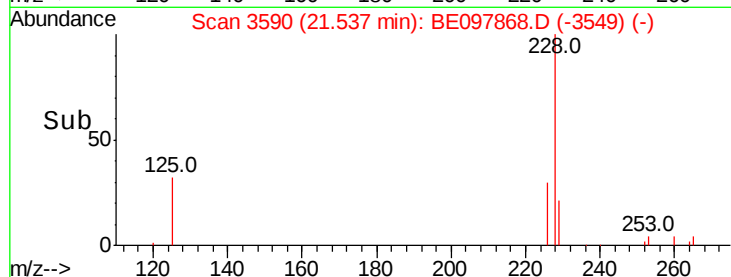
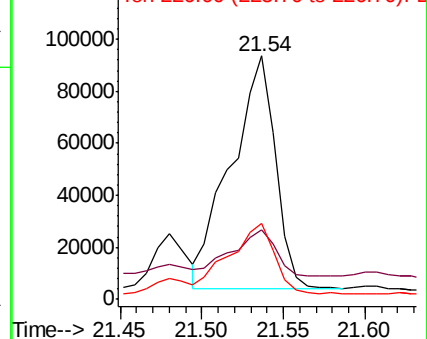
228 100

229 28.5 16.4 24.6#

226 31.3 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: 59.755 ng/ul

RT: 21.68 min Scan# 3611

Delta R.T. 0.17 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

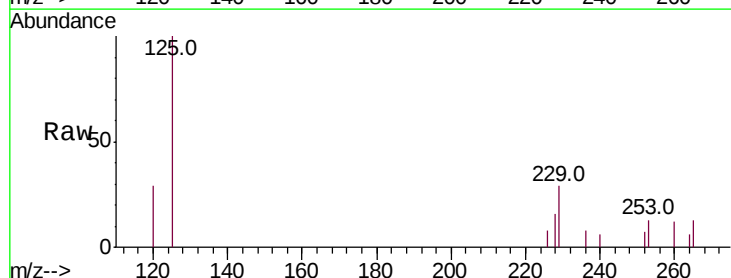
Tgt Ion:228 Resp: 5844

Ion Ratio Lower Upper

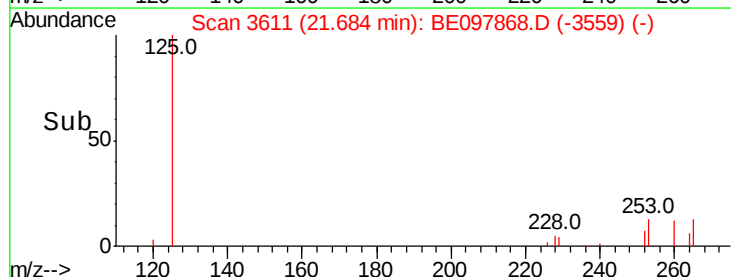
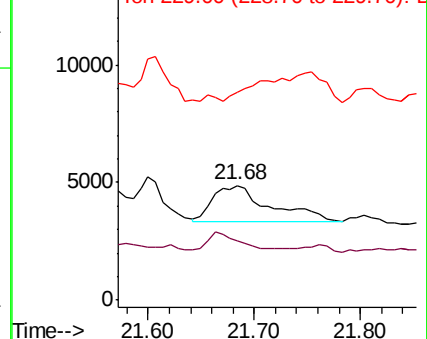
228 100

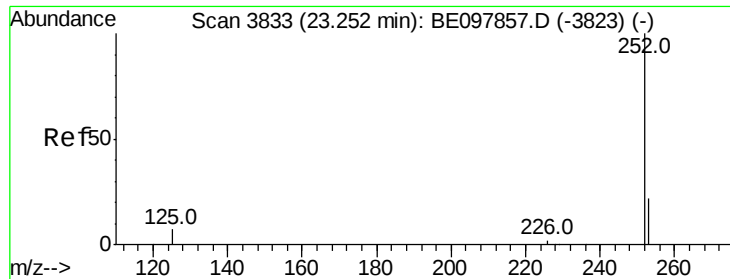
226 51.6 23.0 34.4#

229 181.8 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: 10.061 ng/ul

RT: 23.49 min Scan# 3868

Delta R.T. 0.24 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

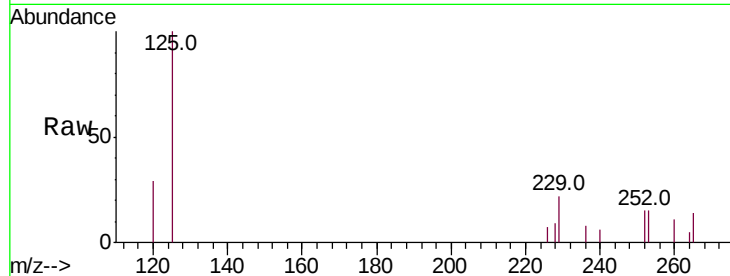
Tot Ion:252 Resp: 7475

Ion Ratio Lower Upper

252 100

253 96.8 0.0 47.0#

125 657.1 0.0 18.2#

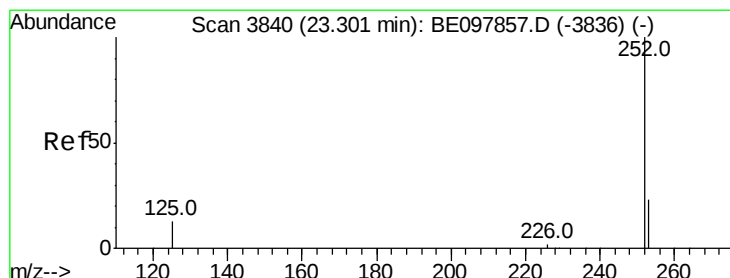
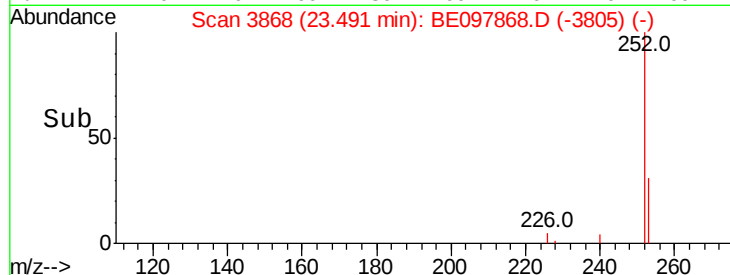
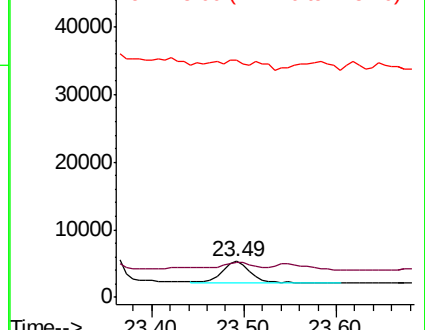


Abundance

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: 9.399 ng/ul

RT: 23.49 min Scan# 3868

Delta R.T. 0.19 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

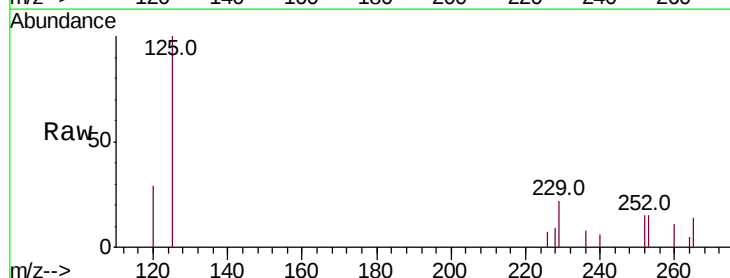
Tgt Ion:252 Resp: 7475

Ion Ratio Lower Upper

252 100

253 96.8 17.8 26.6#

125 657.1 9.4 14.0#

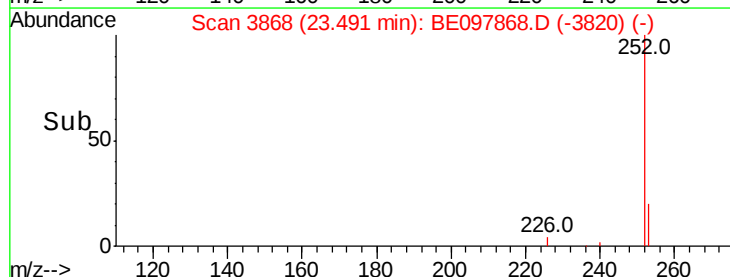
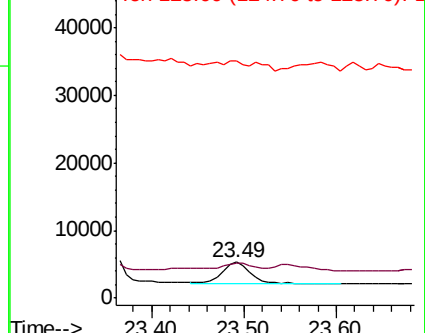


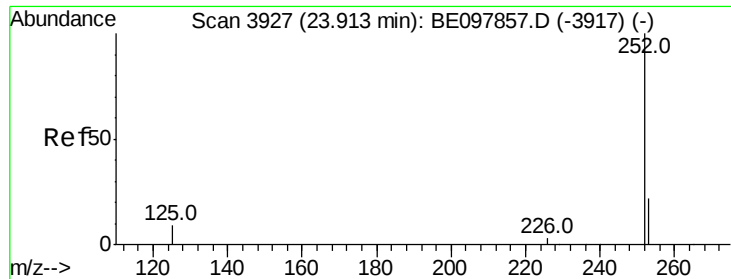
Abundance

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: 32.622 ng/ul

RT: 24.14 min Scan# 3960

Delta R.T. 0.23 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

Instrument :

BNA_E

ClientSampleId :

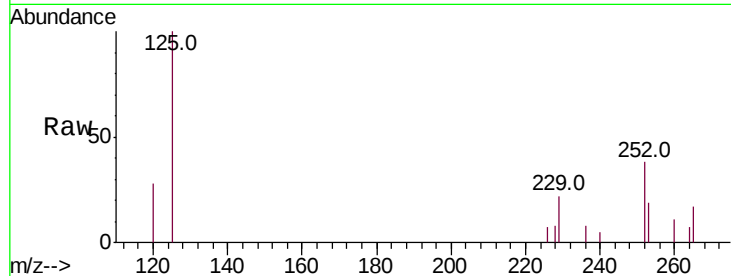
Tot Ion:252 Resp: 23797

Ion Ratio Lower Upper

252 100

253 50.6 18.2 27.4#

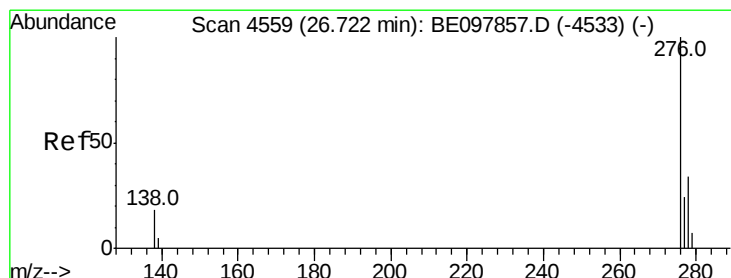
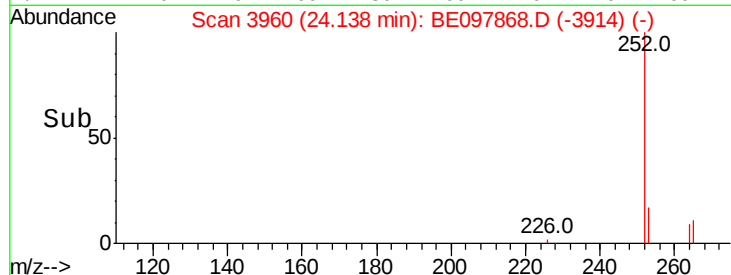
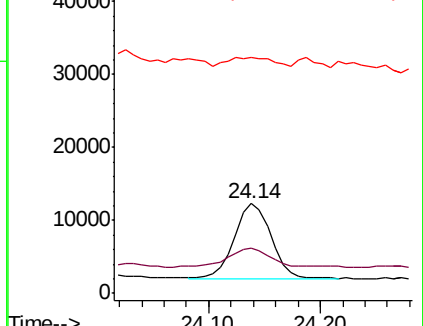
125 262.9 8.3 12.5#



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: 223.339 ng/ul

RT: 26.82 min Scan# 4586

Delta R.T. 0.09 min

Lab File: BE097868.D

Acq: 11 Oct 2018 21:48

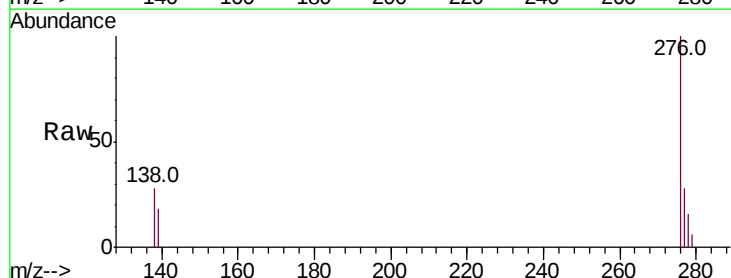
Tgt Ion:276 Resp: 184947

Ion Ratio Lower Upper

276 100

138 17.3 0.0 0.0#

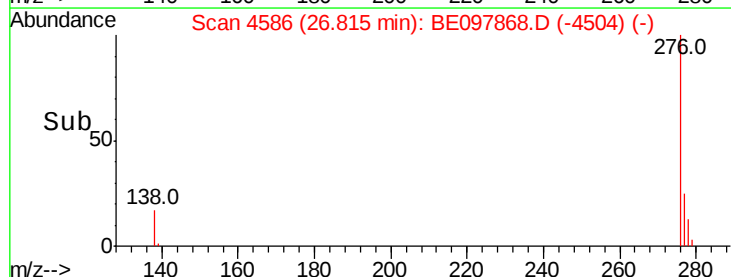
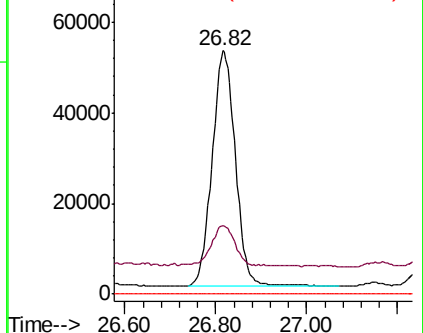
227 0.0 0.0 0.0

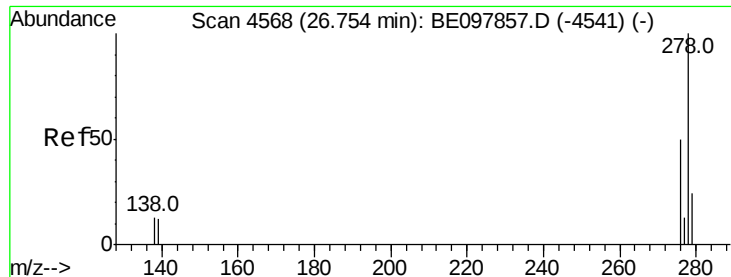


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

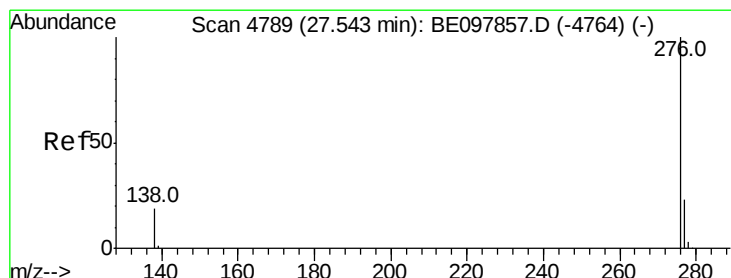
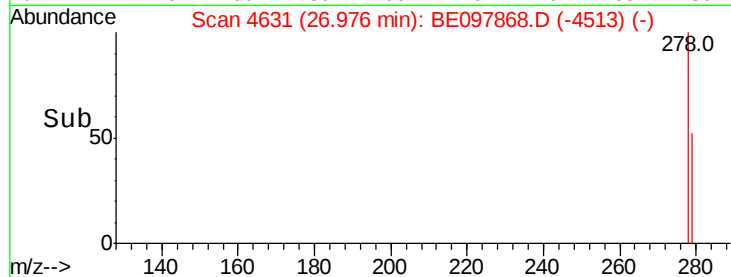
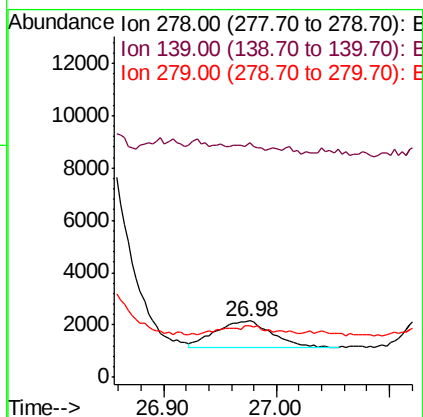
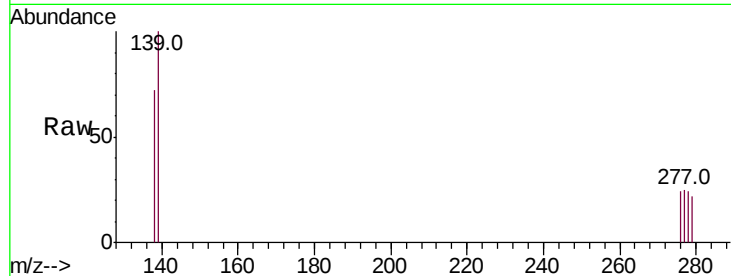




#25
Dibenzo(a,h)anthracene
Concen: 5.172 ng/ul
RT: 26.98 min Scan# 4631
Delta R.T. 0.22 min
Lab File: BE097868.D
Acq: 11 Oct 2018 21:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3540
Ion Ratio Lower Upper
278 100
139 415.9 10.9 16.3#
279 92.3 18.8 28.2#



#26
Benzo(g,h,i)perylene
Concen: 370.453 ng/ul
RT: 27.66 min Scan# 4823
Delta R.T. 0.12 min
Lab File: BE097868.D
Acq: 11 Oct 2018 21:48

Tgt Ion:276 Resp: 267295
Ion Ratio Lower Upper
276 100
138 24.6 14.3 21.5#
277 26.0 19.5 29.3

