

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097175.D
 Acq On : 3 Aug 2018 11:08
 Operator : SJ/JU
 Sample : J4172-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 15:06:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

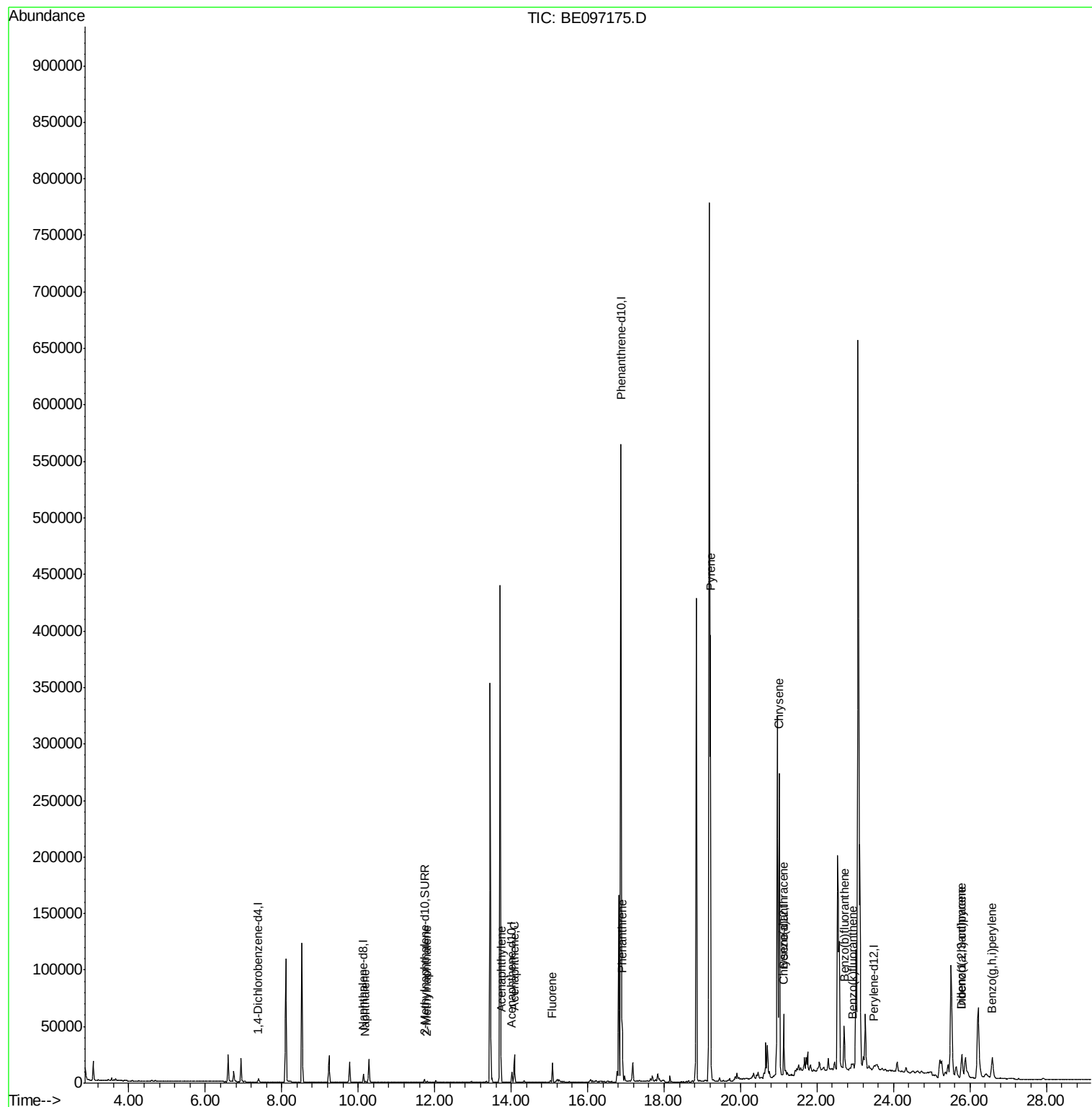
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1452	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4838	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	672005	0.40	ng/ul	0.11
16) Chrysene-d12	21.12	240	176	0.40	ng/ul	0.14
20) Perylene-d12	23.48	264	1707	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3526	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	76	0.00	ng/ul	0.11
Target Compounds						
					Ovalue	
3) Naphthalene	10.18	128	2009	0.108	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1166	0.095	ng/ul	99
7) Acenaphthylene	13.74	152	668	0.032	ng/ul#	74
8) Acenaphthene	14.08	153	13662	0.903	ng/ul	97
9) Fluorene	15.08	166	9951	0.572	ng/ul	91
12) Phenanthrene	16.90	178	50286	0.029	ng/ul#	89
17) Pyrene	19.21	202	430432	912.703	ng/ul#	78
18) Benzo(a)anthracene	21.13	228	36313	72.203	ng/ul#	51
19) Chrysene	21.01	228	232308	448.258	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	49114	10.556	ng/ul	93
22) Benzo(k)fluoranthene	22.94	252	7555	1.506	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.79	276	8646	1.484	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.79	278	32888	6.898	ng/ul	97
26) Benzo(g,h,i)perylene	26.58	276	39969	7.938	ng/ul#	88

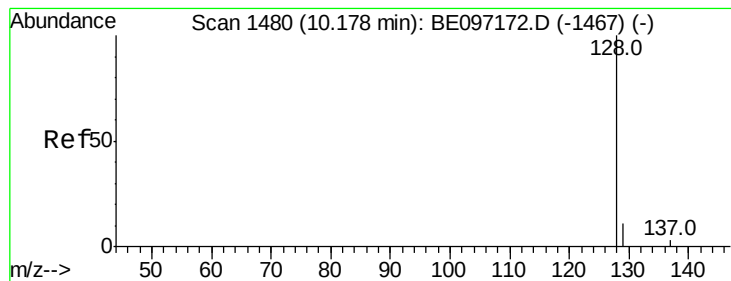
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.108 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

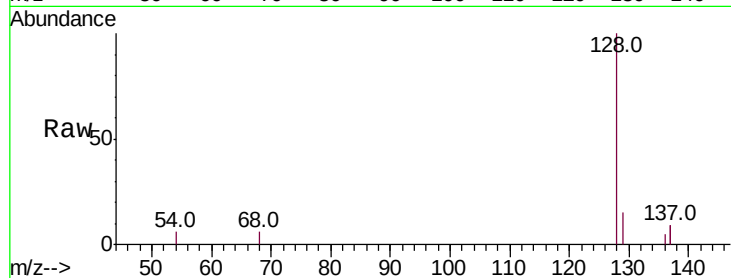
Tot Ion:128 Resp: 2009

Ion Ratio Lower Upper

128 100

129 14.9 11.3 16.9

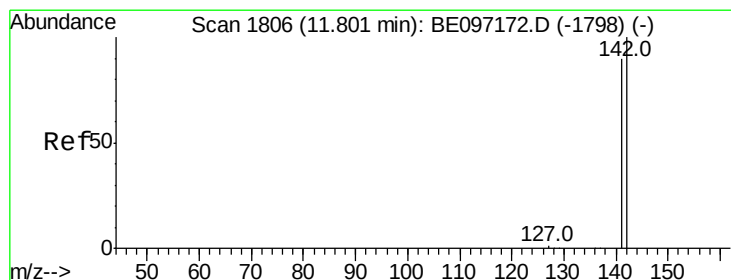
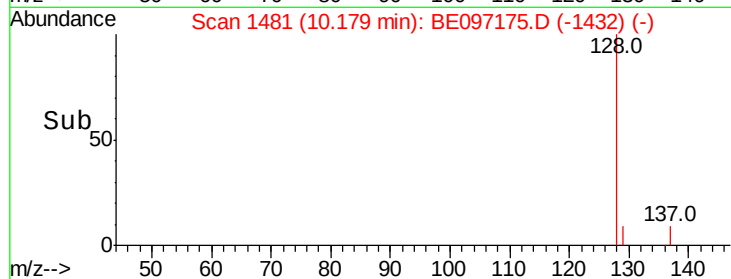
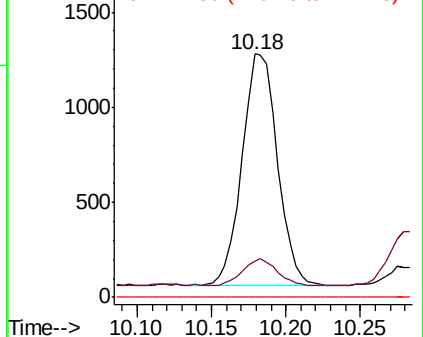
127 0.0 4.0 6.0#



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: 0.095 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097175.D

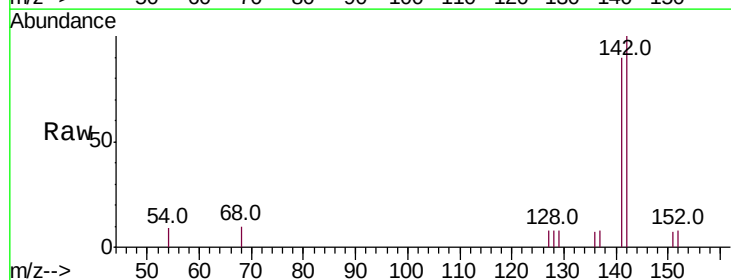
Acq: 3 Aug 2018 11:08

Tgt Ion:142 Resp: 1166

Ion Ratio Lower Upper

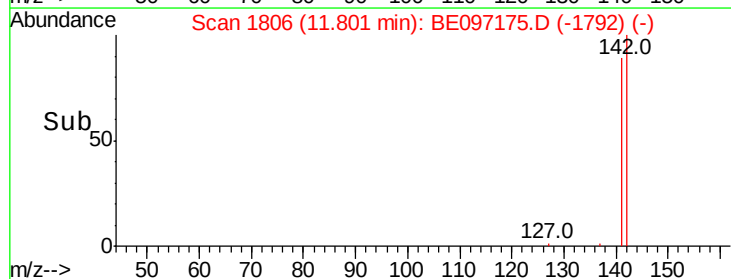
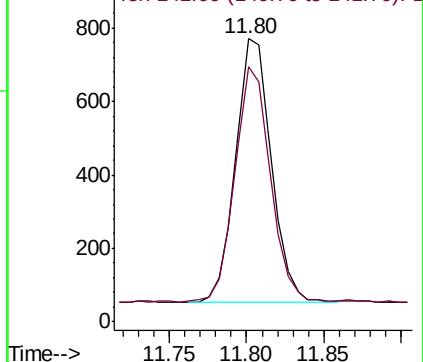
142 100

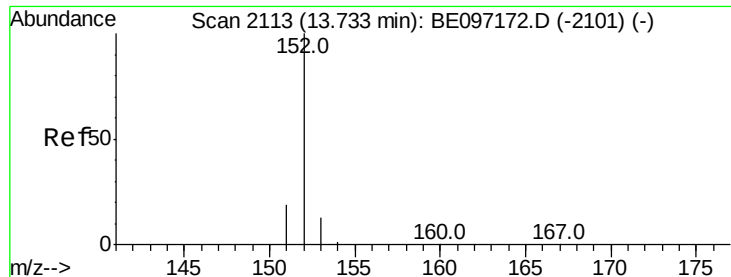
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

ClientSampled :

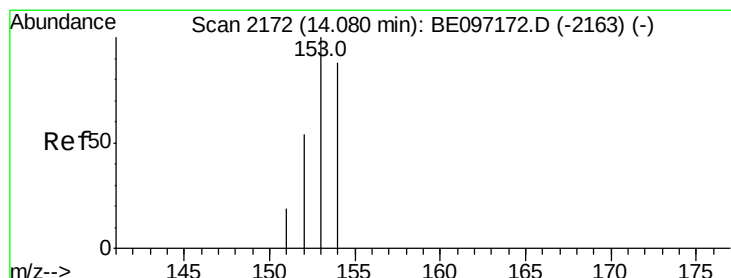
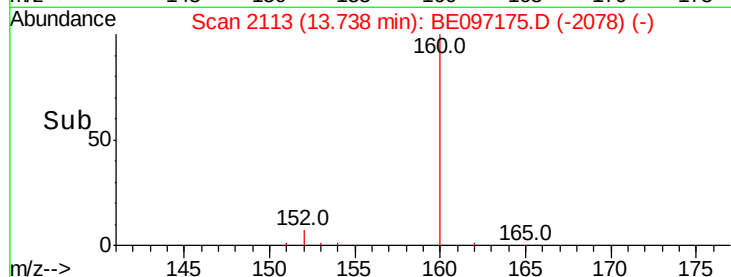
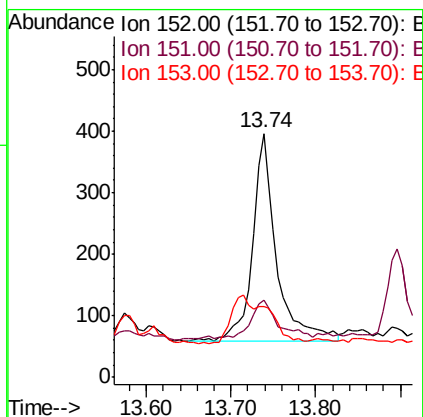
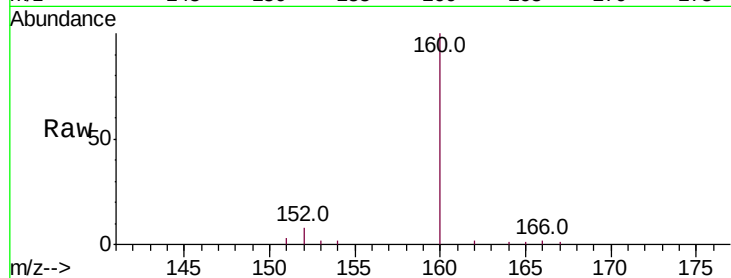
Tot Ion:152 Resp: 668

Ion Ratio Lower Upper

152 100

151 31.8 17.1 25.7#

153 29.3 12.8 19.2#



#8

Acenaphthene

Concen: 0.903 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

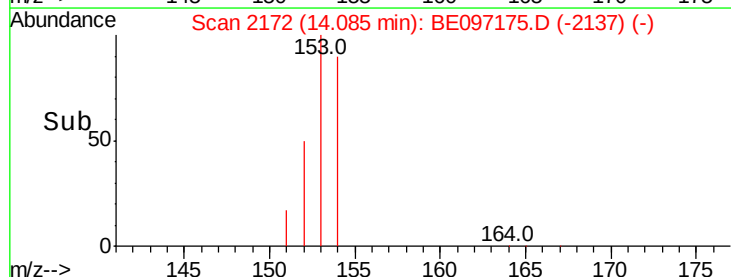
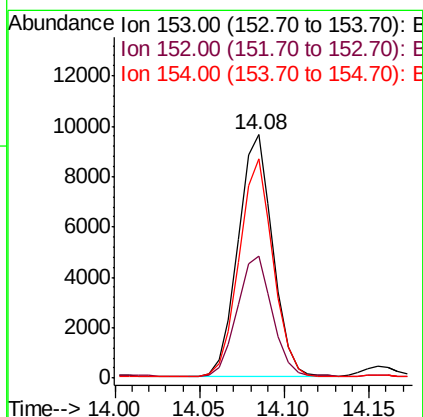
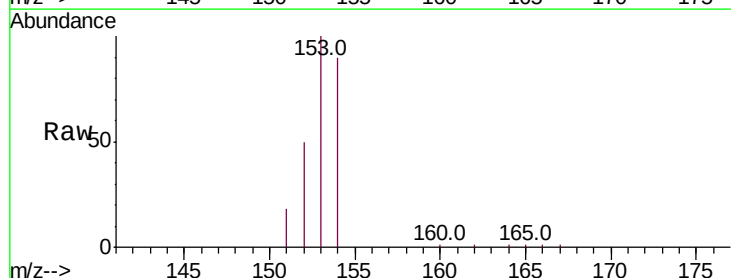
Tgt Ion:153 Resp: 13662

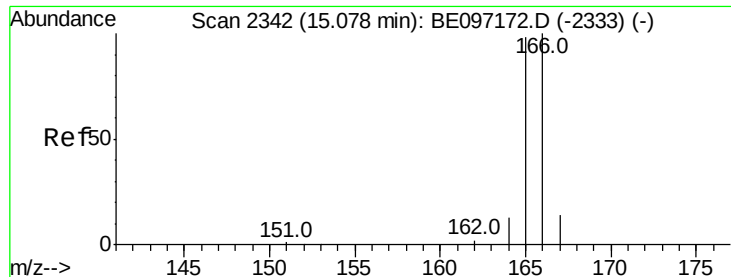
Ion Ratio Lower Upper

153 100

152 50.2 36.0 54.0

154 90.0 72.0 108.0





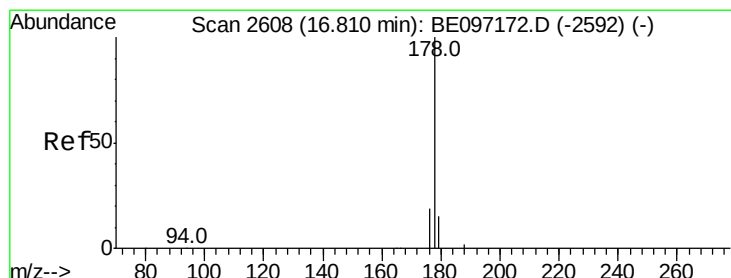
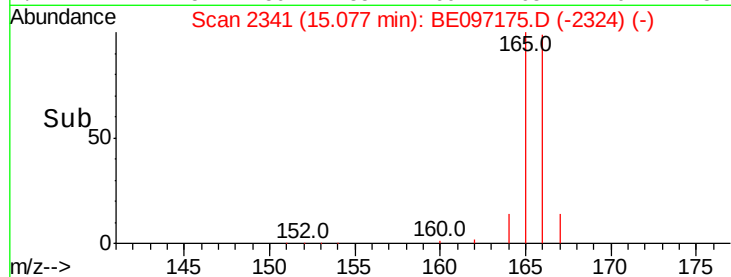
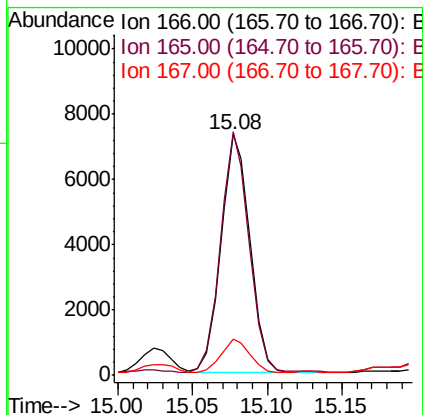
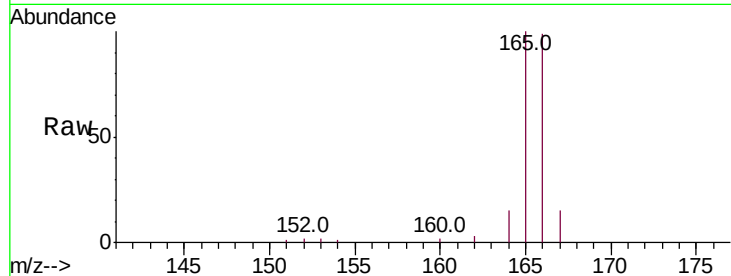
#9

Fluorene

Concen: 0.572 ng/ul
 RT: 15.08 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BE097175.D
 Acq: 3 Aug 2018 11:08

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 9951
 Ion Ratio Lower Upper
 166 100
 165 101.1 73.4 110.2
 167 15.2 14.6 22.0

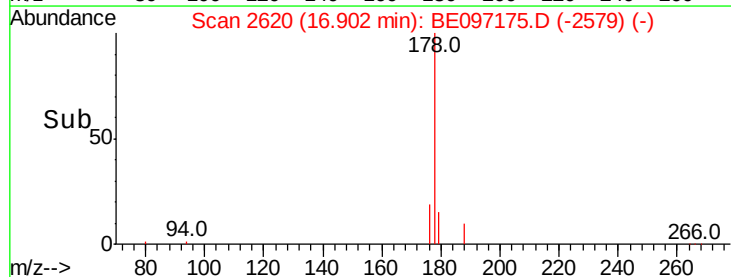
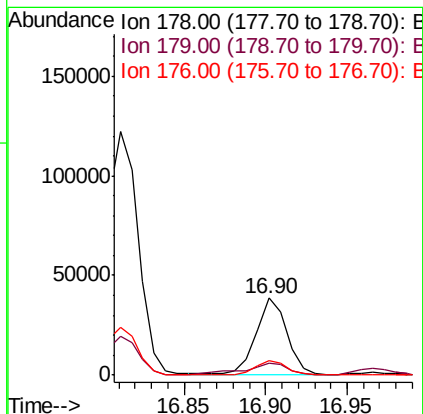
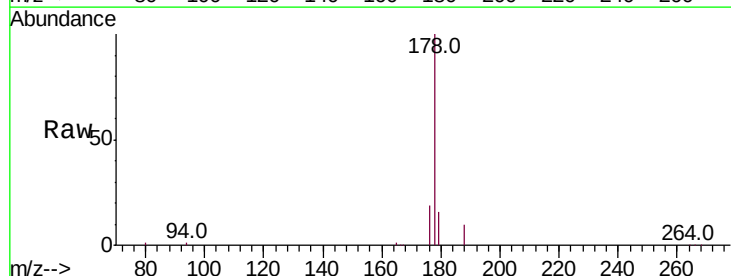


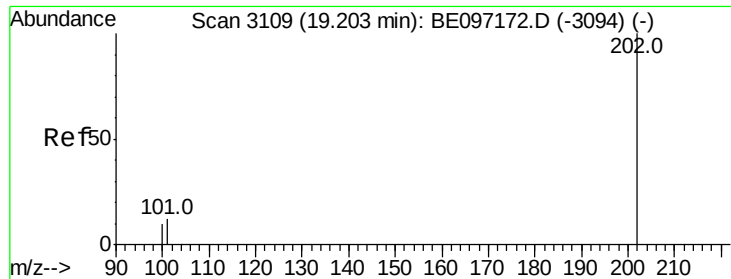
#12

Phenanthrene

Concen: 0.029 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. 0.09 min
 Lab File: BE097175.D
 Acq: 3 Aug 2018 11:08

Tgt Ion:178 Resp: 50286
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.4 27.6#
 176 19.2 13.6 20.4

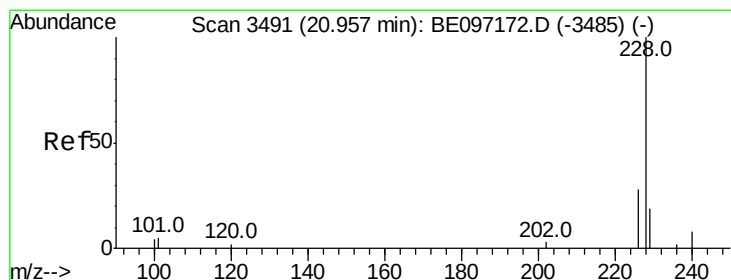
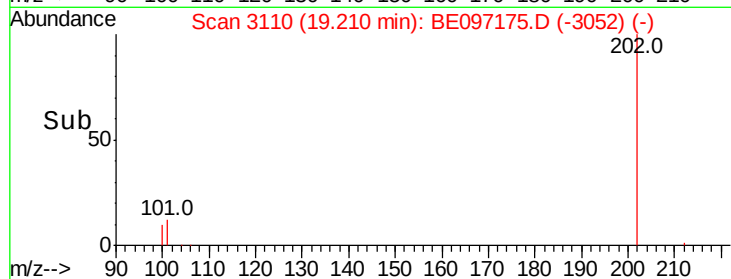
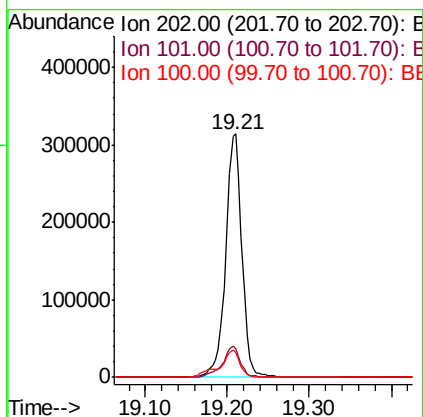
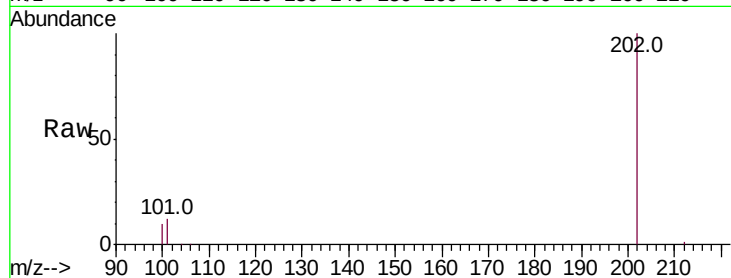




#17
Pvrene
Concen: 912.703 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

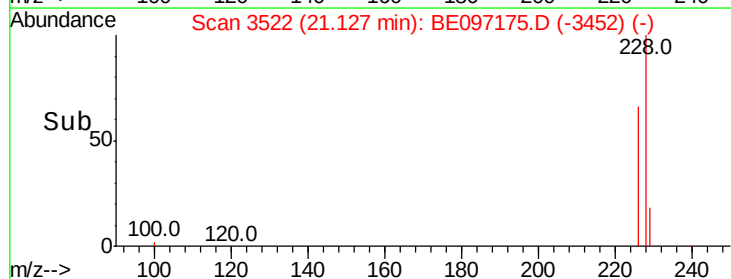
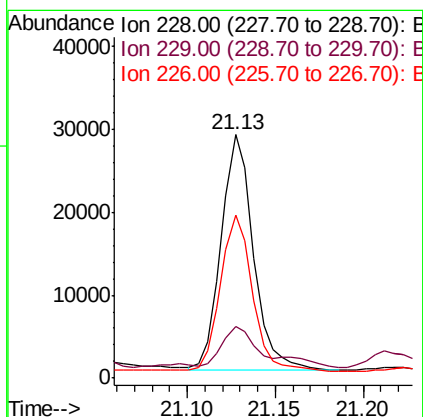
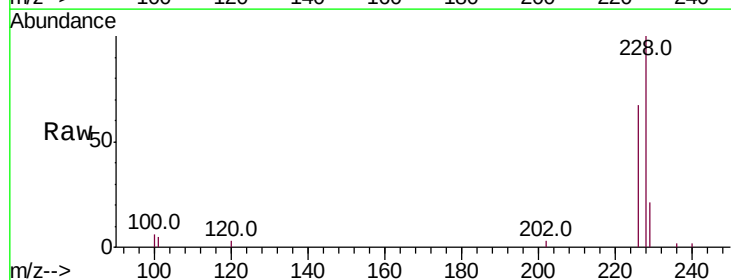
Instrument :
BNA_E
ClientSampleId :

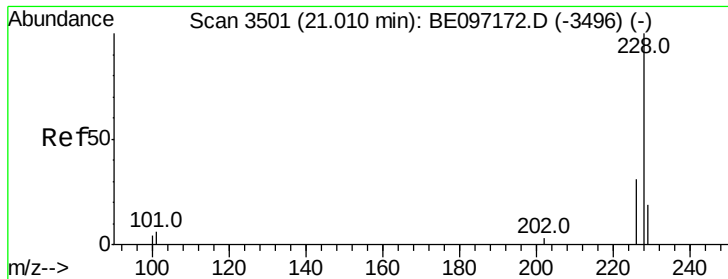
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	18.2	27.4#
100	10.2	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 72.203 ng/ul
RT: 21.13 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	67.0	17.0	25.6#

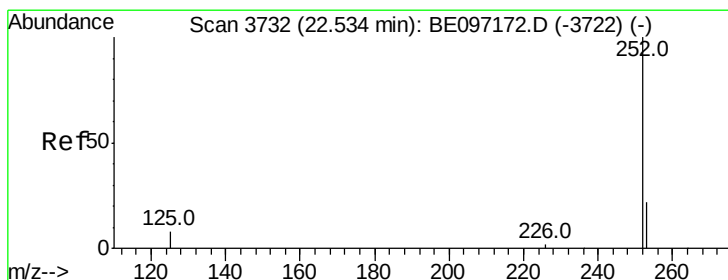
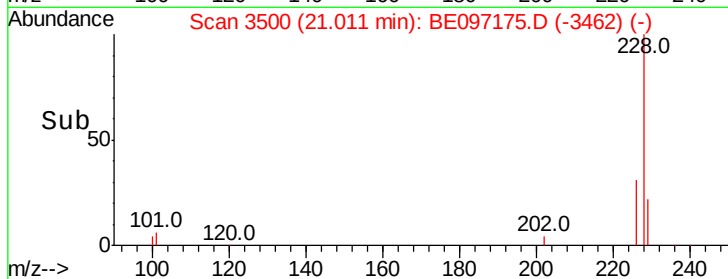
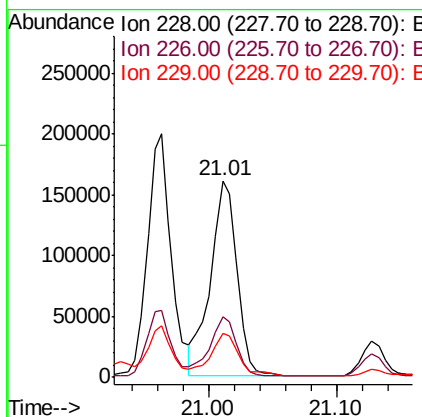
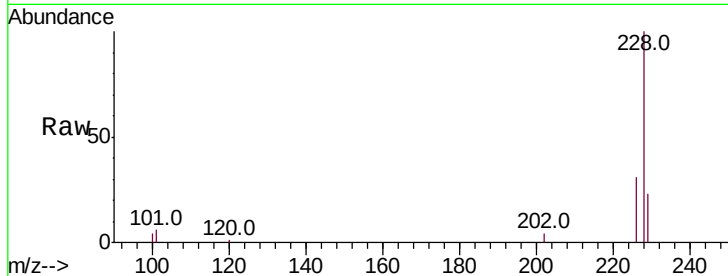




#19
Chrysene
Concen: 448.258 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

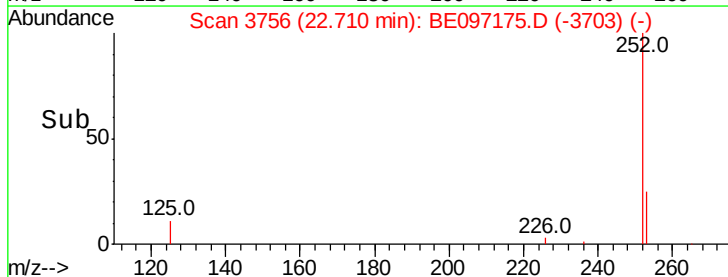
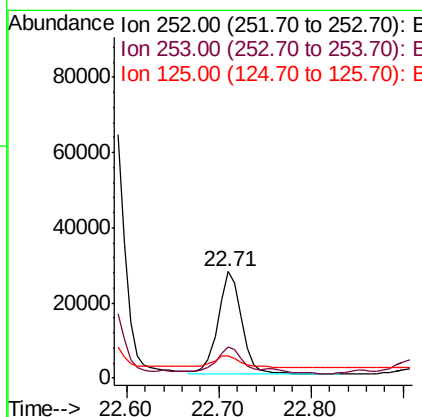
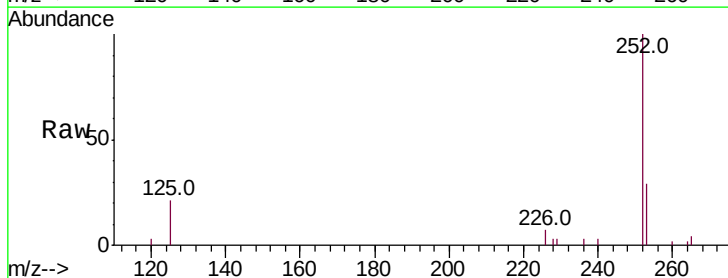
Instrument :
BNA_E
ClientSampled :

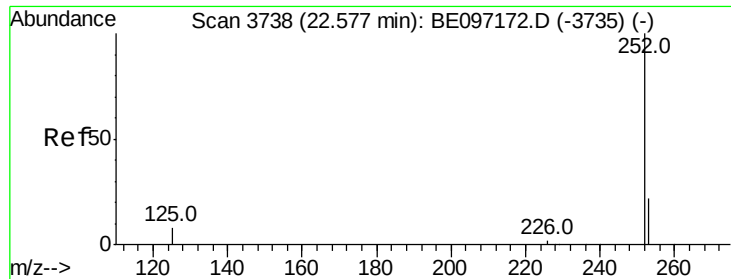
Tot Ion:228 Resp: 232308
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 22.5 17.7 26.5



#21
Benzo(b)fluoranthene
Concen: 10.556 ng/ul
RT: 22.71 min Scan# 3756
Delta R.T. 0.17 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion:252 Resp: 49114
Ion Ratio Lower Upper
252 100
253 28.9 0.0 64.2
125 21.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 1.506 ng/ul

RT: 22.94 min Scan# 3789

Delta R.T. 0.36 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

Instrument :

BNA_E

ClientSampleId :

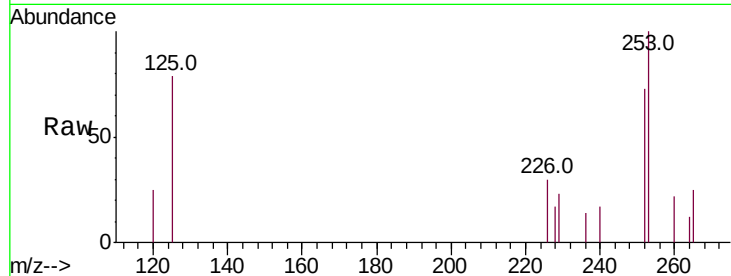
Tot Ion:252 Resp: 7555

Ion Ratio Lower Upper

252 100

253 137.3 24.5 36.7#

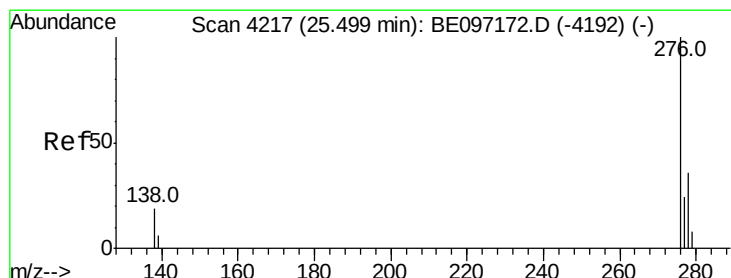
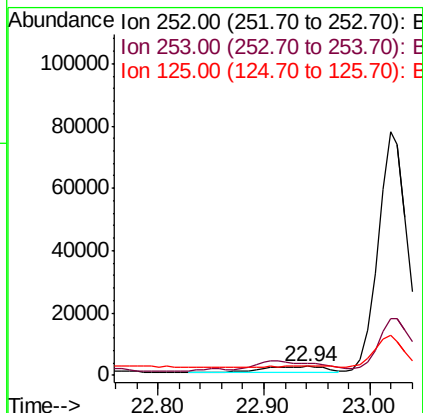
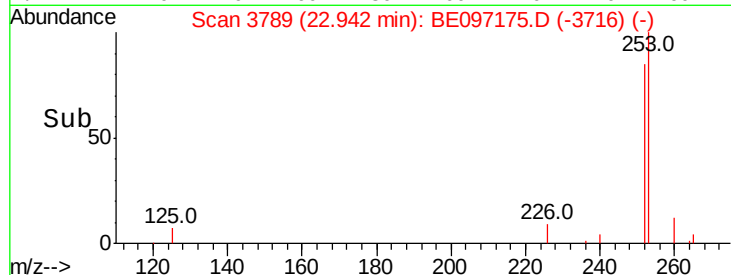
125 108.0 13.7 20.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.484 ng/ul

RT: 25.79 min Scan# 4297

Delta R.T. 0.28 min

Lab File: BE097175.D

Acq: 3 Aug 2018 11:08

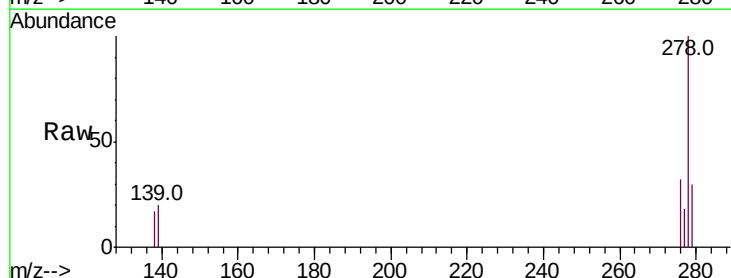
Tgt Ion:276 Resp: 8646

Ion Ratio Lower Upper

276 100

138 44.2 28.0 42.0#

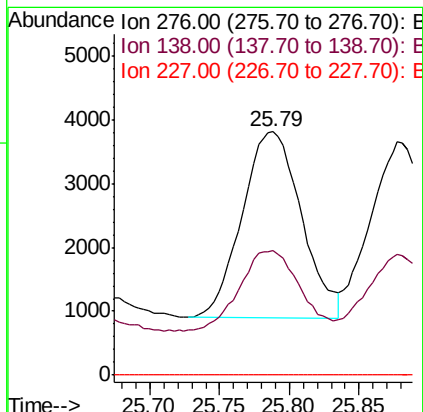
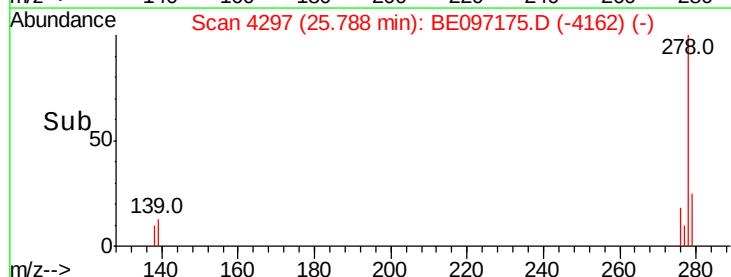
227 0.0 8.0 12.0#

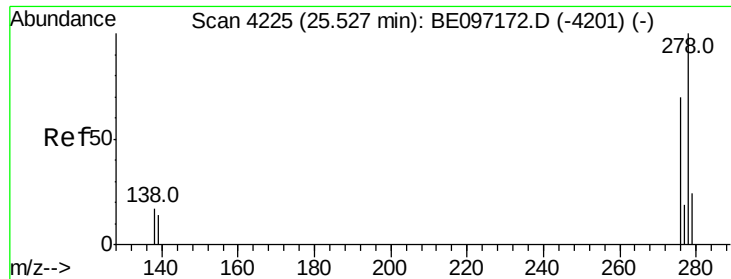


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

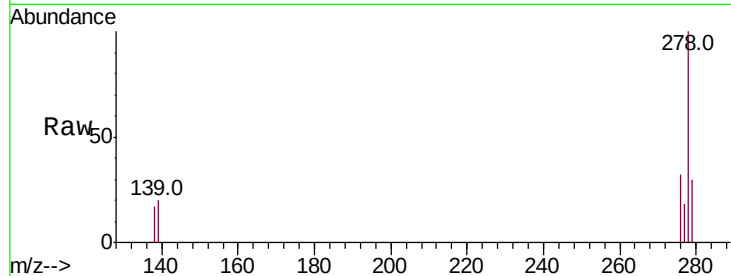




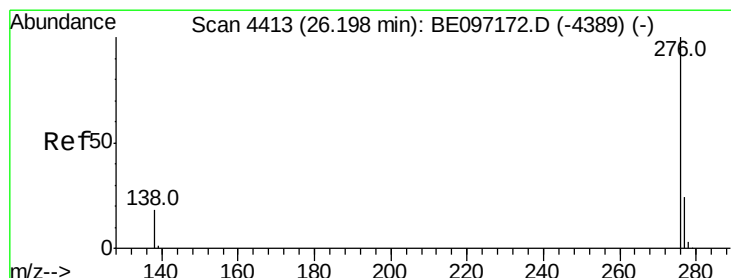
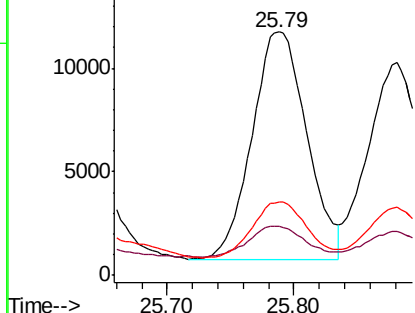
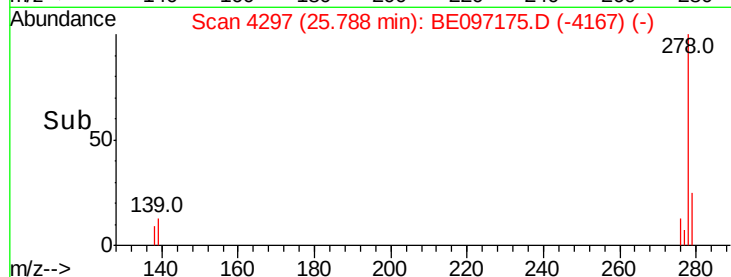
#25
Dibenzo(a,h)anthracene
Concen: 6.898 ng/ul
RT: 25.79 min Scan# 4297
Delta R.T. 0.26 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 32888
Ion Ratio Lower Upper
278 100
139 20.3 17.4 26.0
279 30.3 25.9 38.9

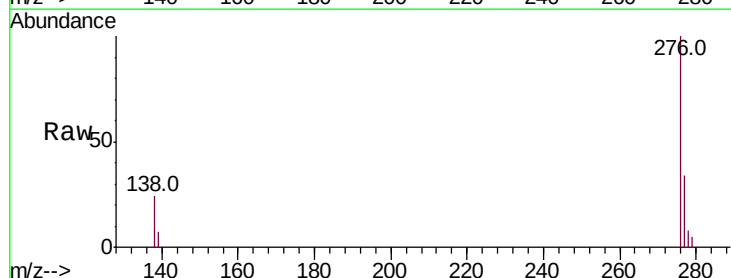


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 7.938 ng/ul
RT: 26.58 min Scan# 4520
Delta R.T. 0.38 min
Lab File: BE097175.D
Acq: 3 Aug 2018 11:08

Tgt Ion:276 Resp: 39969
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 34.2 20.5 30.7#



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

