

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097186.D
 Acq On : 3 Aug 2018 19:17
 Operator : SJ/JU
 Sample : J4171-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 23:40:32 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 23:39:09 2018
 Response via : Initial Calibration

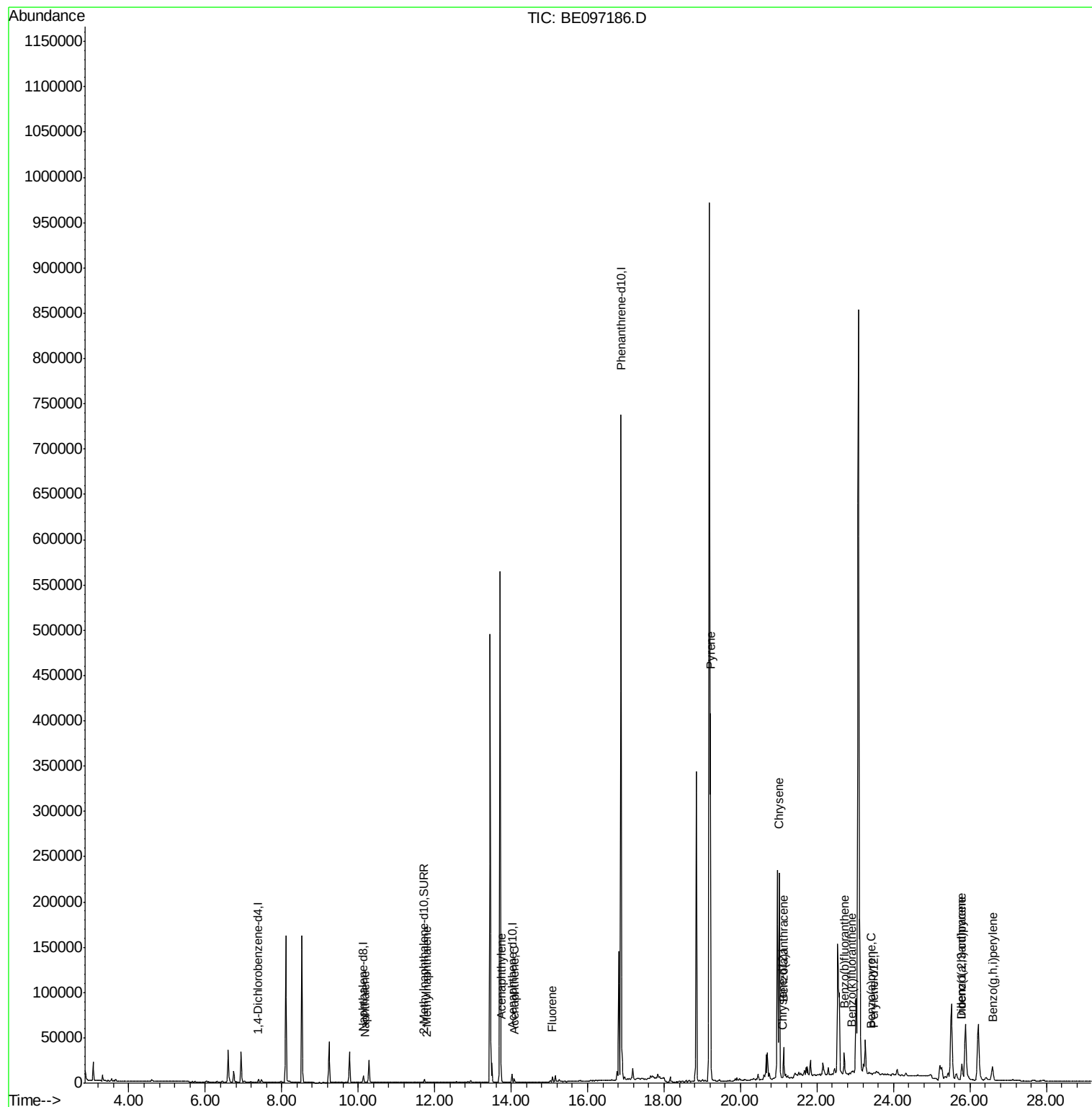
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1524	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7842	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	883619	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	152	0.40	ng/ul	0.13
20) Perylene-d12	23.49	264	714	0.40	ng/ul	0.28
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4723	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	1099	0.058	ng/ul#	89
5) 2-Methylnaphthalene	11.80	142	503	0.040	ng/ul	99
7) Acenaphthylene	13.74	152	972	0.043	ng/ul#	72
8) Acenaphthene	14.08	153	2527	0.154	ng/ul	96
9) Fluorene	15.08	166	3149	0.167	ng/ul	91
17) Pyrene	19.21	202	411281	1009.793	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	22655	52.159	ng/ul#	51
19) Chrysene	21.02	228	198163	442.747	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	29762	15.294	ng/ul	97
22) Benzo(k)fluoranthene	22.91	252	2799	1.334	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	763	0.392	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	7003	2.873	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.79	278	27038	13.558	ng/ul	96
26) Benzo(g,h,i)perylene	26.59	276	31774	15.087	ng/ul#	88

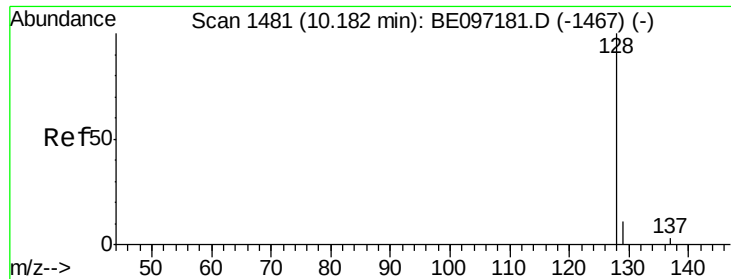
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 23:39:09 2018
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

Instrument :

BNA_E

ClientSampleId :

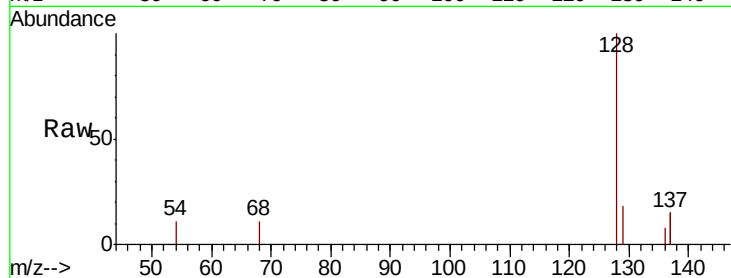
Tot Ion:128 Resp: 1099

Ion Ratio Lower Upper

128 100

129 18.0 11.3 16.9#

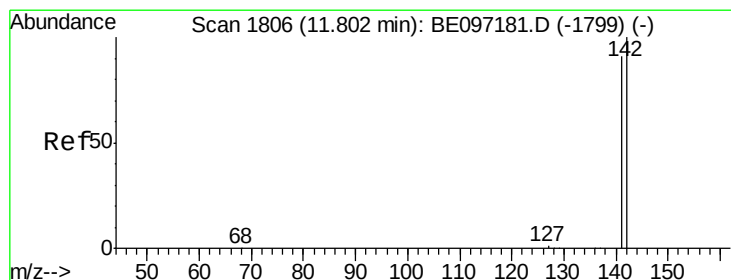
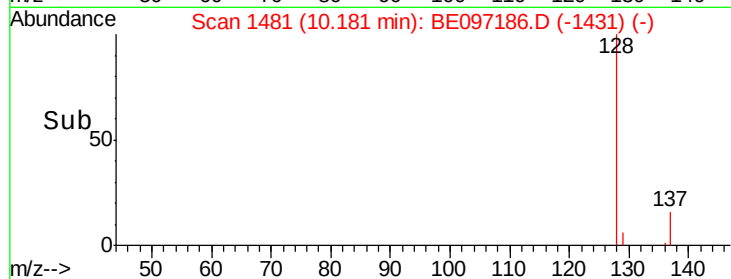
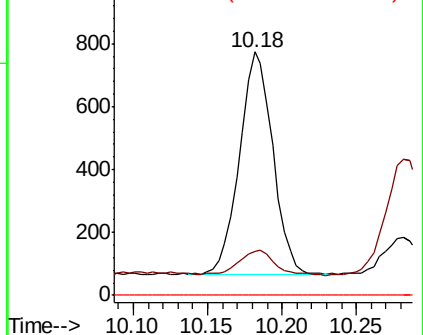
127 0.0 4.0 6.0#



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: 0.040 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097186.D

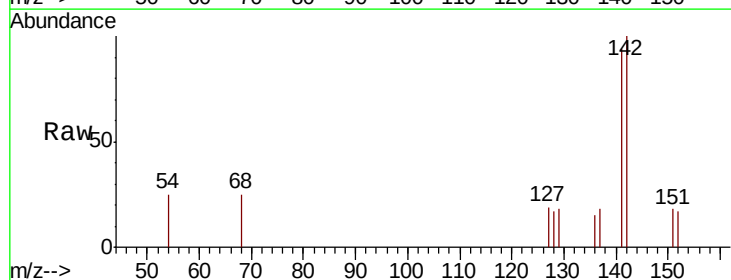
Acq: 3 Aug 2018 19:17

Tgt Ion:142 Resp: 503

Ion Ratio Lower Upper

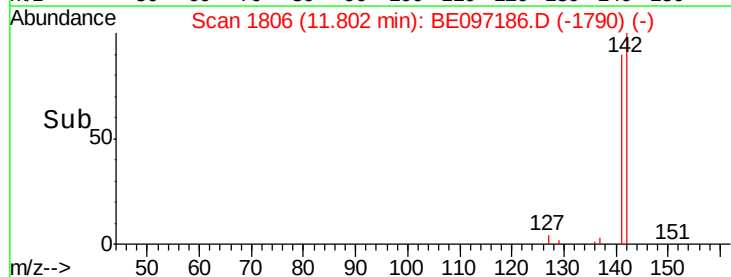
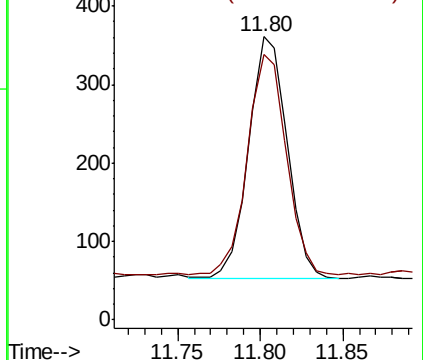
142 100

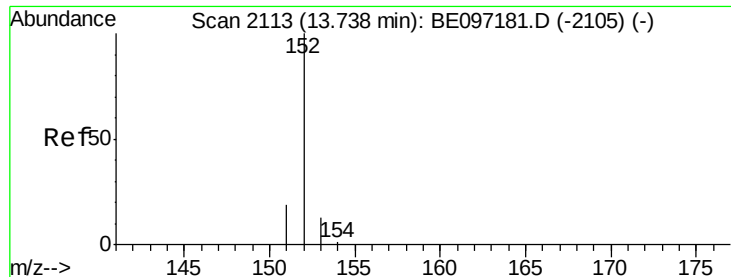
141 92.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

Instrument :

BNA_E

ClientSampleId :

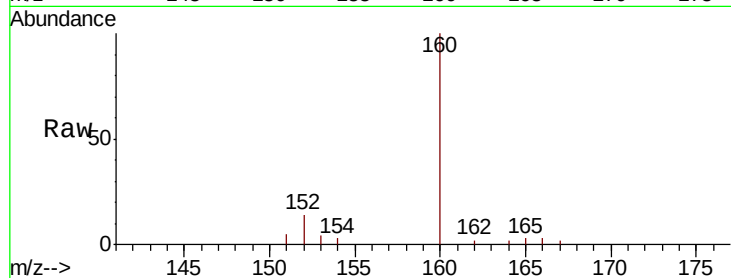
Tot Ion:152 Resp: 972

Ion Ratio Lower Upper

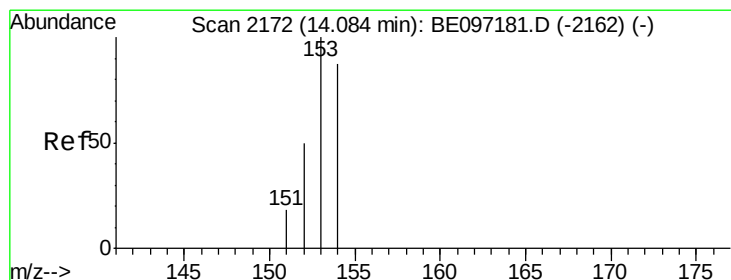
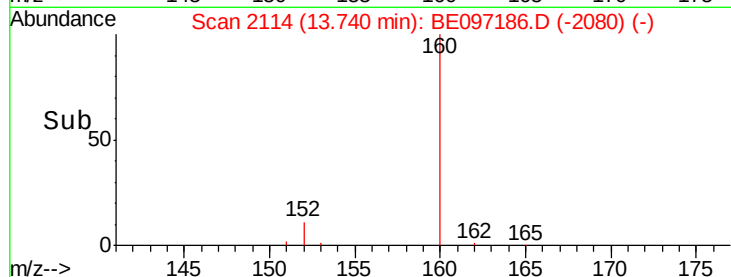
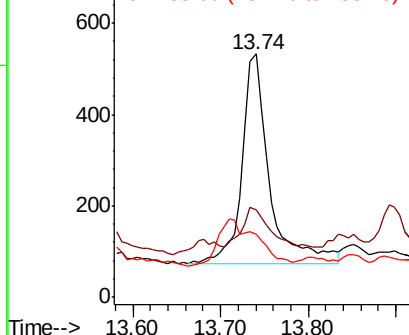
152 100

151 35.8 17.1 25.7#

153 26.1 12.8 19.2#



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: 0.154 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

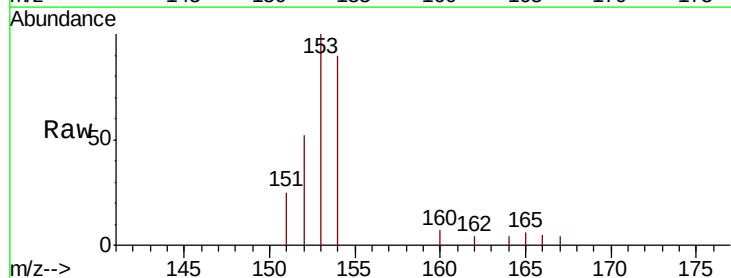
Tgt Ion:153 Resp: 2527

Ion Ratio Lower Upper

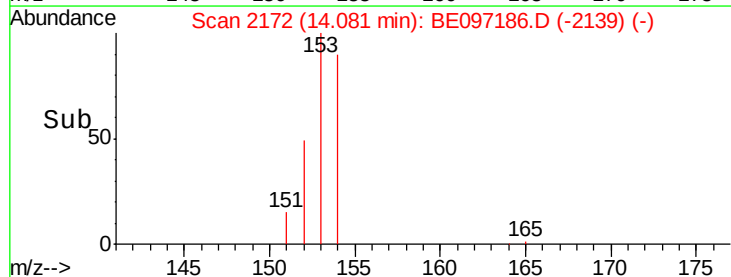
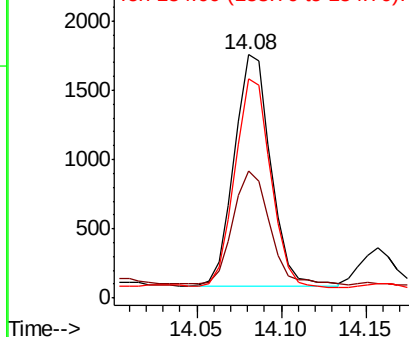
153 100

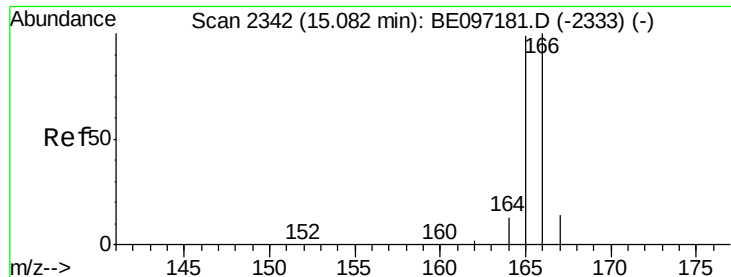
152 52.0 36.0 54.0

154 89.9 72.0 108.0



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

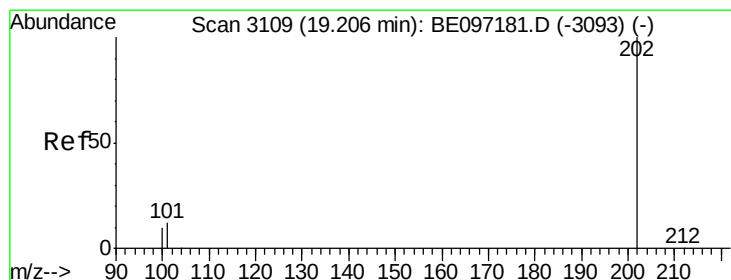
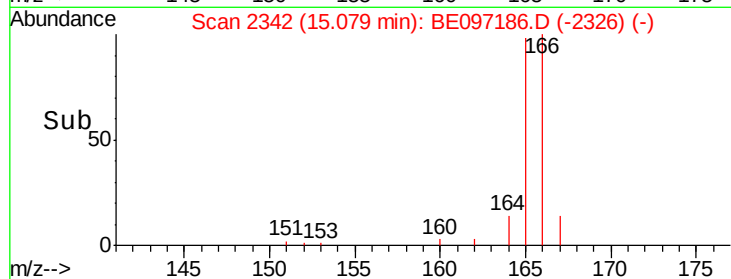
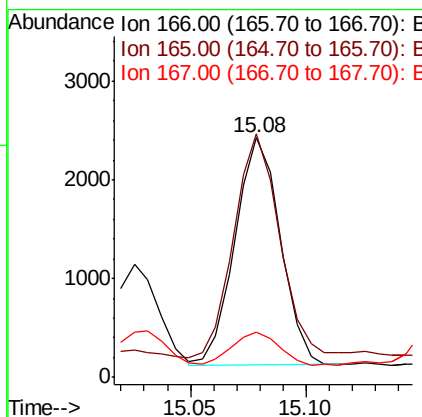
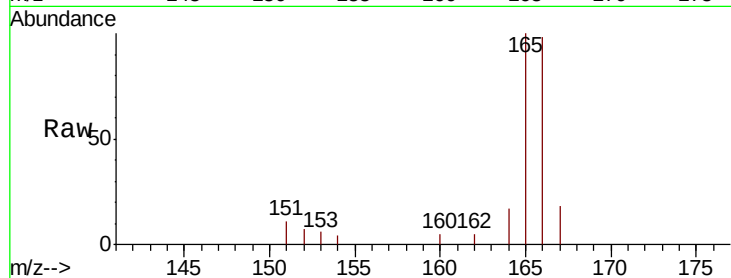




#9
Fluorene
 Concen: 0.167 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097186.D
 Acq: 3 Aug 2018 19:17

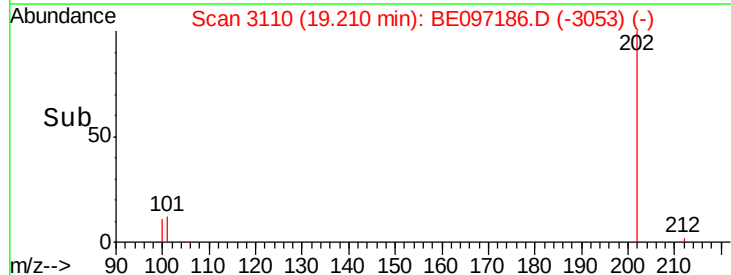
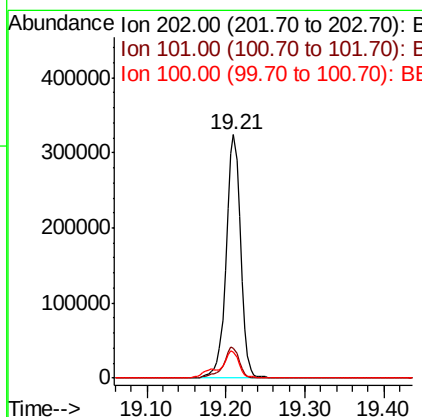
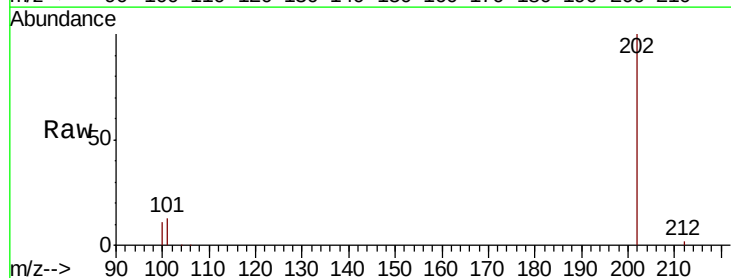
Instrument :
 BNA_E
 ClientSampleId :

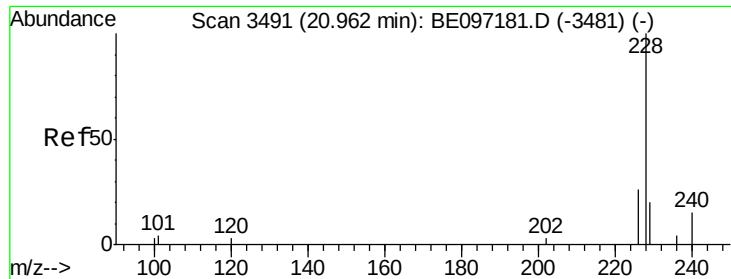
Tot Ion:166 Resp: 3149
 Ion Ratio Lower Upper
 166 100
 165 101.7 73.4 110.2
 167 18.8 14.6 22.0



#17
Pyrene
 Concen: 1009.793 ng/ul
 RT: 19.21 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BE097186.D
 Acq: 3 Aug 2018 19:17

Tgt Ion:202 Resp: 411281
 Ion Ratio Lower Upper
 202 100
 101 12.5 18.2 27.4#
 100 10.7 15.6 23.4#

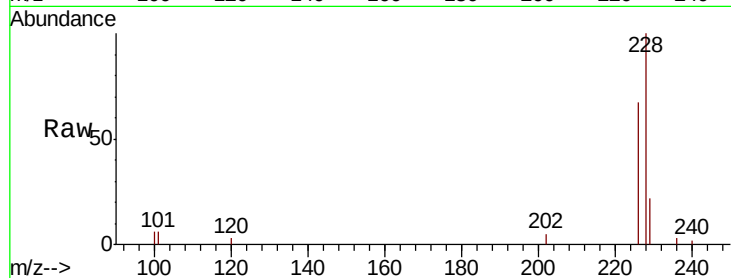




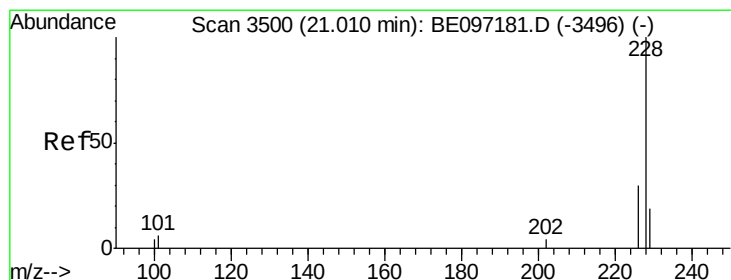
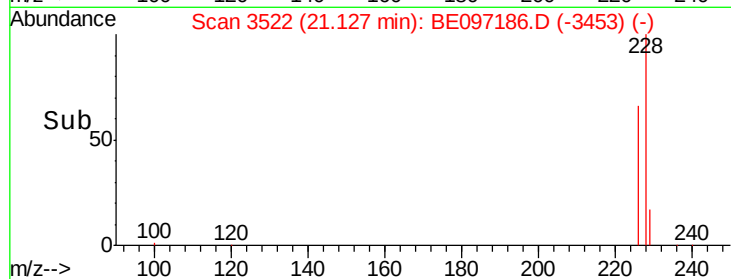
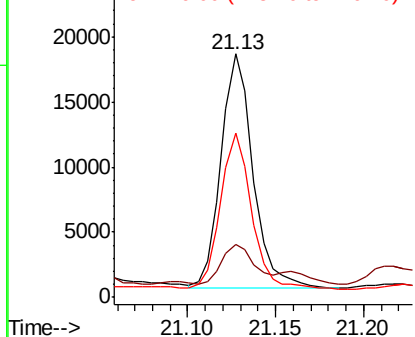
#18
Benzo(a)anthracene
Concen: 52.159 ng/ul
RT: 21.13 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097186.D
Acq: 3 Aug 2018 19:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 22655
Ion Ratio Lower Upper
228 100
229 22.0 22.8 34.2#
226 67.2 17.0 25.6#

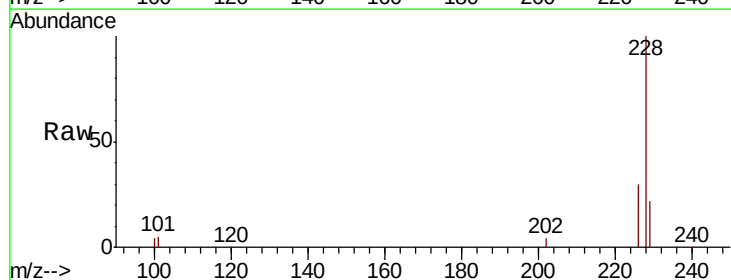


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

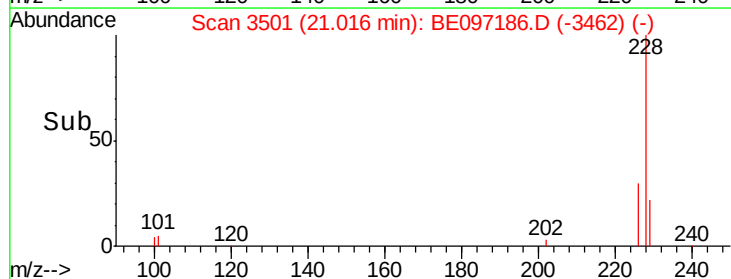
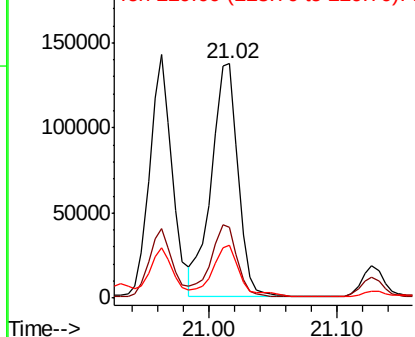


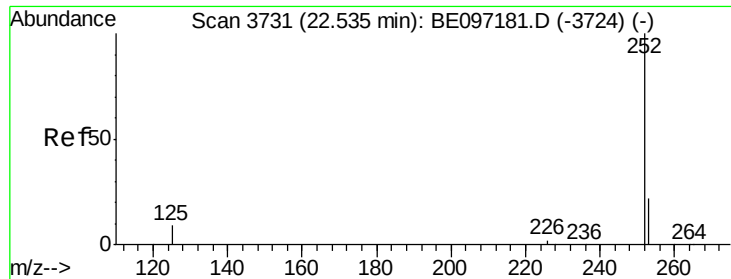
#19
Chrysene
Concen: 442.747 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097186.D
Acq: 3 Aug 2018 19:17

Tgt Ion:228 Resp: 198163
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.0
229 22.3 17.7 26.5



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: 15.294 ng/ul

RT: 22.71 min Scan# 3756

Delta R.T. 0.18 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

Instrument :

BNA_E

ClientSampleId :

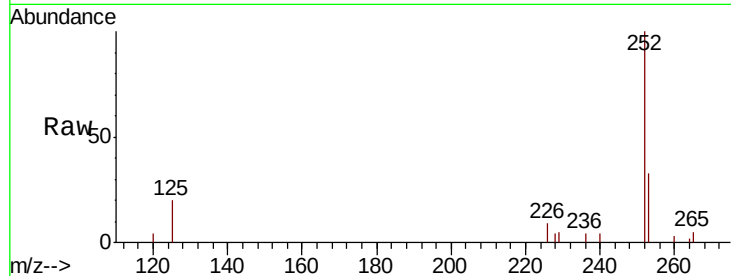
Tot Ion:252 Resp: 29762

Ion Ratio Lower Upper

252 100

253 32.7 0.0 64.2

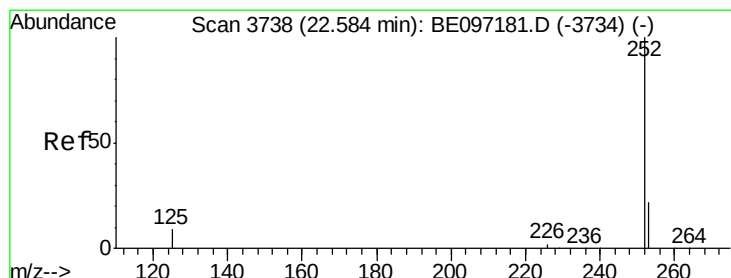
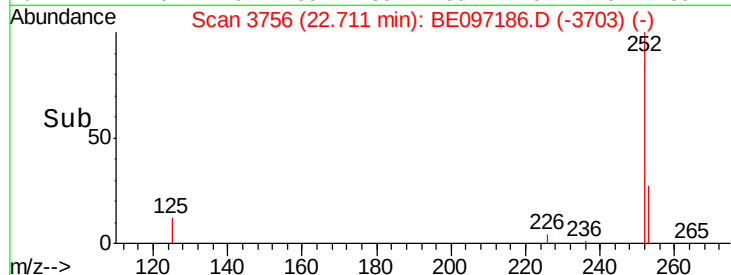
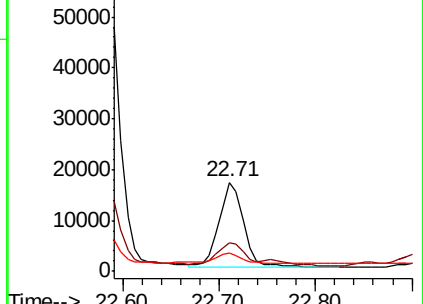
125 20.0 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 1.334 ng/ul

RT: 22.91 min Scan# 3784

Delta R.T. 0.32 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

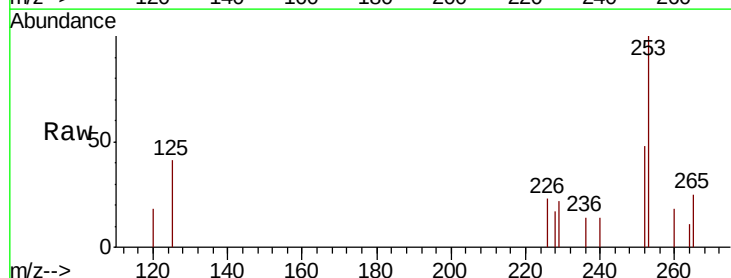
Tgt Ion:252 Resp: 2799

Ion Ratio Lower Upper

252 100

253 210.1 24.5 36.7#

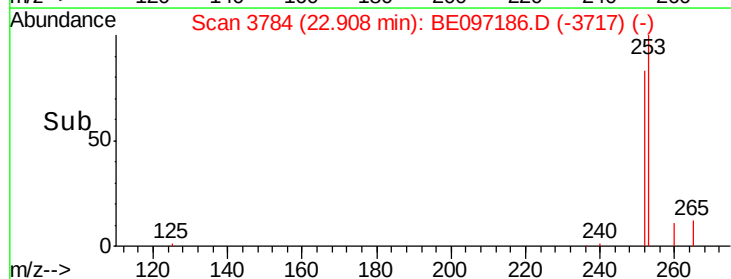
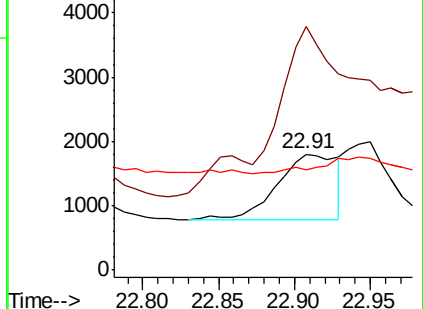
125 86.3 13.7 20.5#

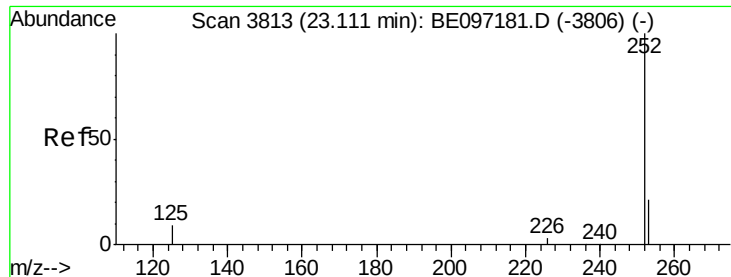


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.41 min Scan# 3856

Delta R.T. 0.30 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

Instrument :

BNA_E

ClientSampleId :

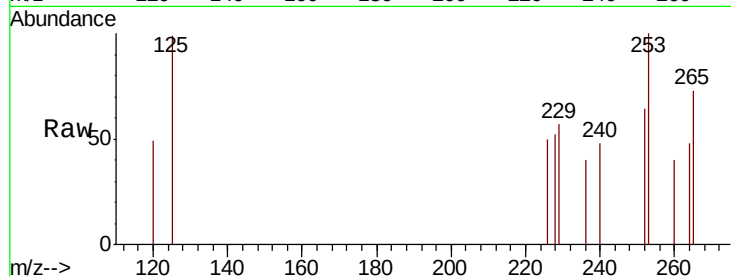
Tot Ion:252 Resp: 763

Ion Ratio Lower Upper

252 100

253 157.0 28.5 42.7#

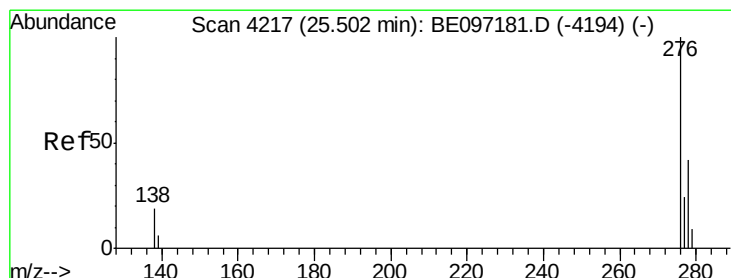
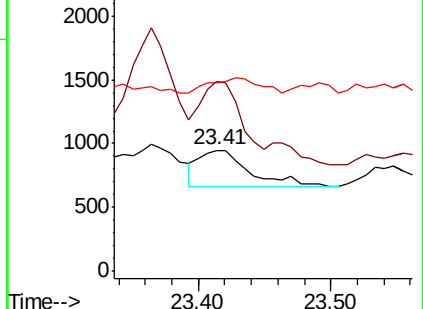
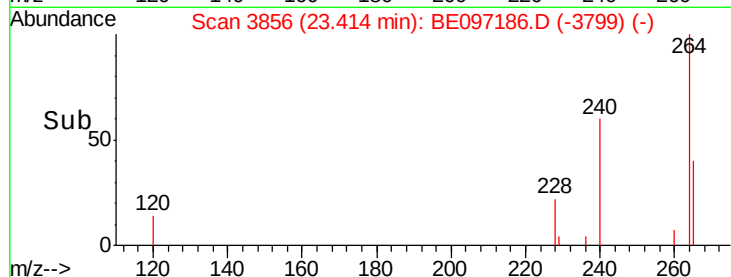
125 155.2 18.1 27.1#



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: 2.873 ng/ul

RT: 25.78 min Scan# 4296

Delta R.T. 0.28 min

Lab File: BE097186.D

Acq: 3 Aug 2018 19:17

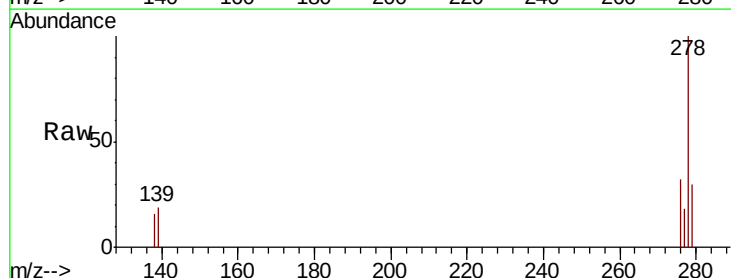
Tgt Ion:276 Resp: 7003

Ion Ratio Lower Upper

276 100

138 45.8 28.0 42.0#

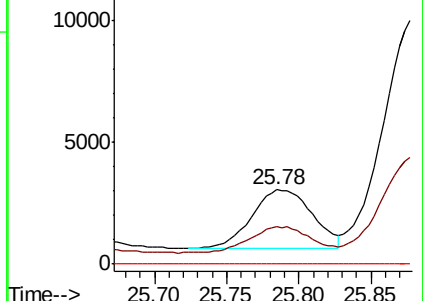
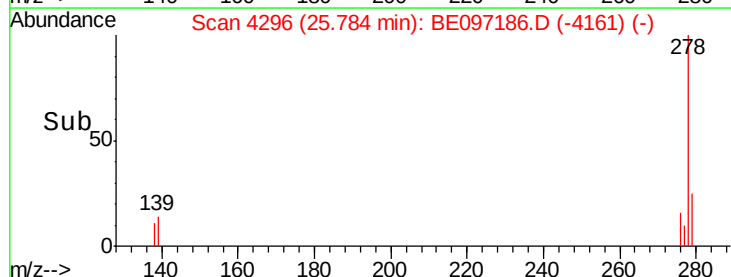
227 0.0 8.0 12.0#

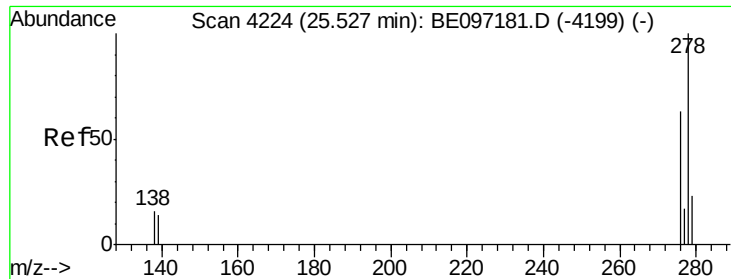


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

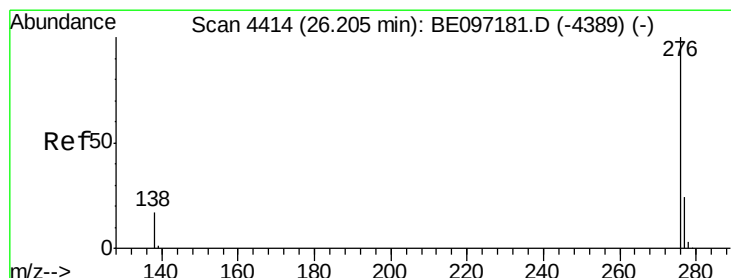
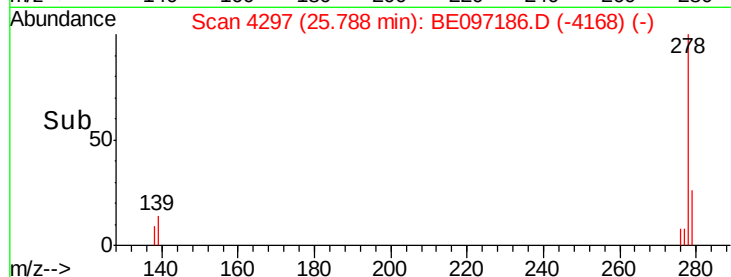
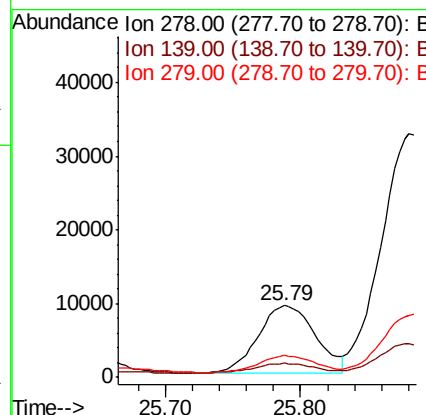
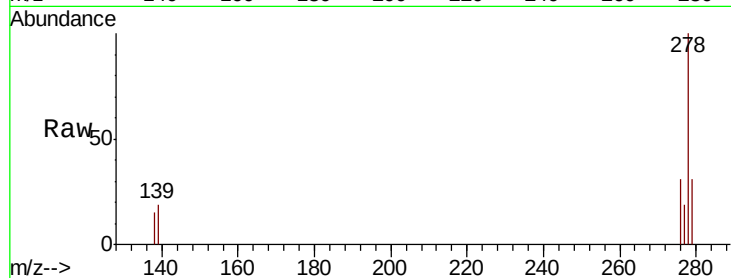




#25
Dibenzo(a,h)anthracene
Concen: 13.558 ng/ul
RT: 25.79 min Scan# 4297
Delta R.T. 0.26 min
Lab File: BE097186.D
Acq: 3 Aug 2018 19:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 27038
Ion Ratio Lower Upper
278 100
139 19.3 17.4 26.0
279 30.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 15.087 ng/ul
RT: 26.59 min Scan# 4521
Delta R.T. 0.38 min
Lab File: BE097186.D
Acq: 3 Aug 2018 19:17

Tgt Ion:276 Resp: 31774
Ion Ratio Lower Upper
276 100
138 22.7 21.8 32.8
277 33.9 20.5 30.7#

