

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
 Data File : BE097830.D
 Acq On : 10 Oct 2018 16:33
 Operator : SJ/JU
 Sample : J5295-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z42

Quant Time: Oct 10 18:33:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 12:43:48 2018
 Response via : Initial Calibration

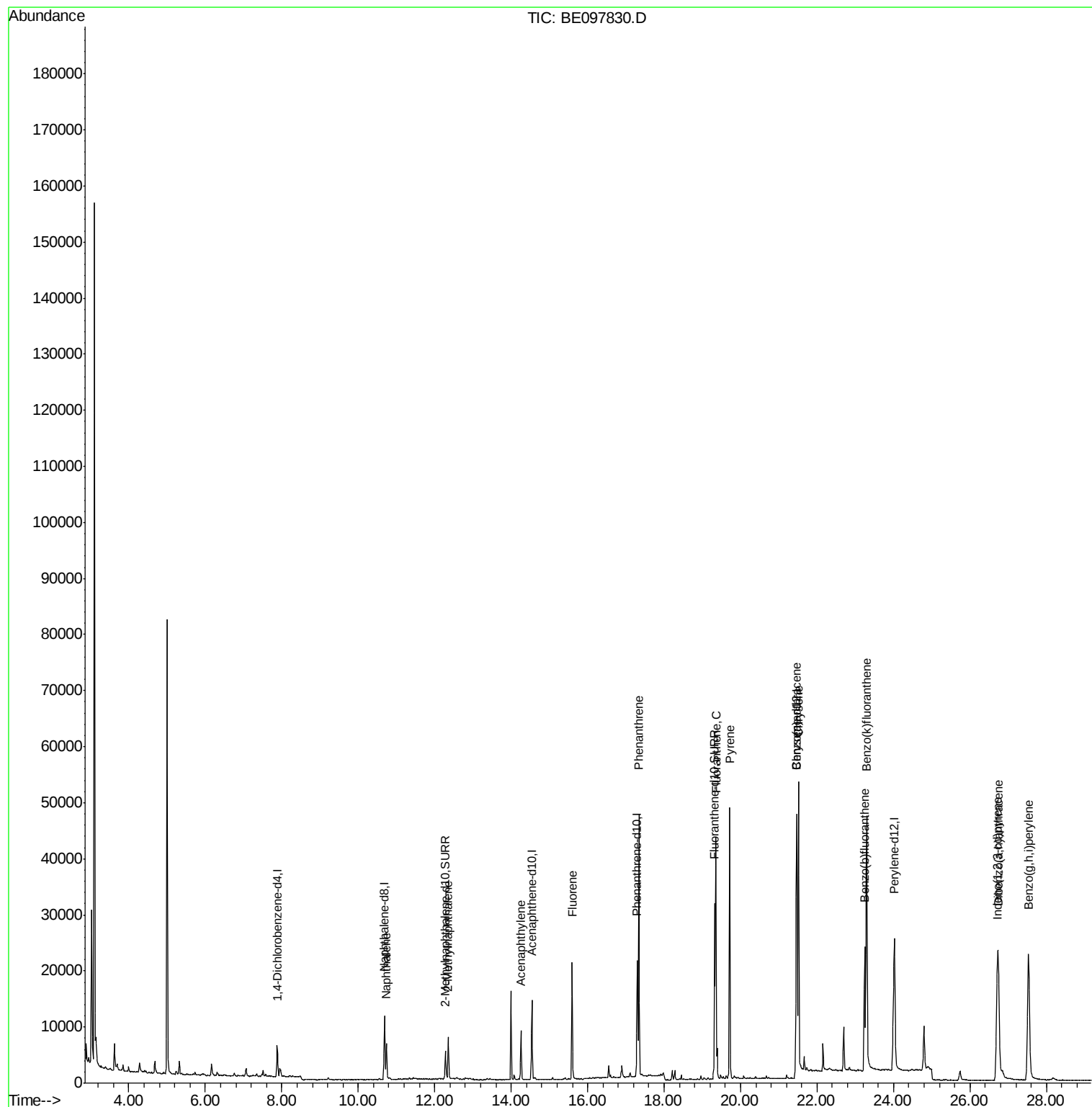
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2742	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	8080	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	24875	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	34744	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	34910	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6936	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	35444	0.44	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	9838	0.328	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	6590	0.330	ng/ul	98
7) Acenaphthylene	14.25	152	10358	0.364	ng/ul	97
9) Fluorene	15.59	166	13197	0.462	ng/ul	98
12) Phenanthrene	17.34	178	49987	0.841	ng/ul	99
15) Fluoranthene	19.35	202	47937	0.612	ng/ul	98
17) Pyrene	19.72	202	64642	0.757	ng/ul	99
18) Benzo(a)anthracene	21.46	228	49571	0.514	ng/ul	99
19) Chrysene	21.52	228	49251	0.529	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	32932	0.365	ng/ul	98
22) Benzo(k)fluoranthene	23.29	252	58784	0.575	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.71	276	42827	0.457	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.74	278	37889	0.484	ng/ul	97
26) Benzo(g,h,i)perylene	27.53	276	59816	0.676	ng/ul	99

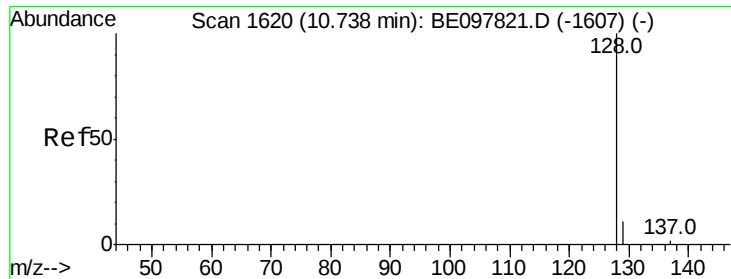
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.328 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

Instrument :

BNA_E

ClientSampleId :

A3Z42

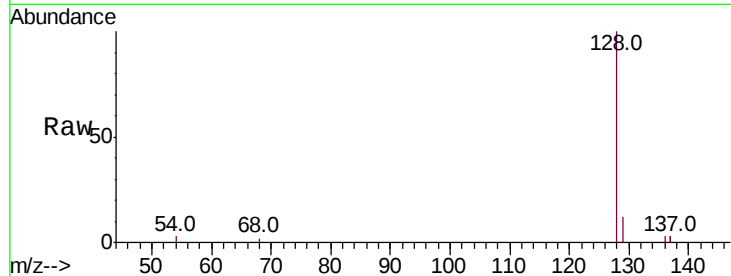
Tot Ion:128 Resp: 9838

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

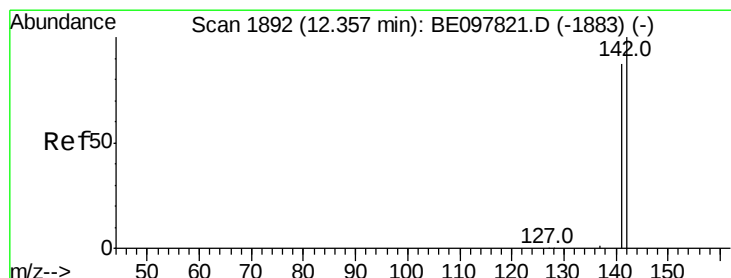
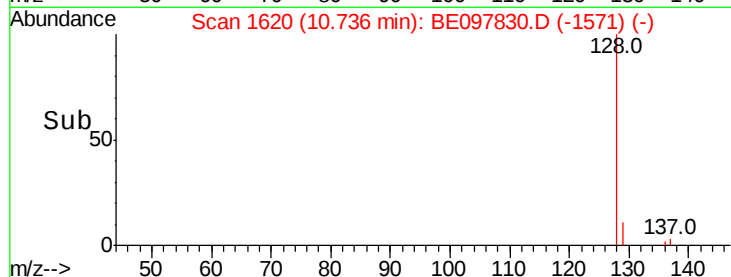
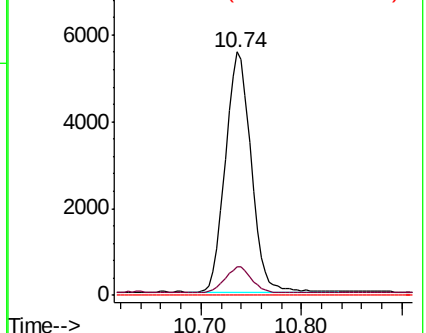
127 0.0 0.0 0.0



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: 0.330 ng/ul

RT: 12.36 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BE097830.D

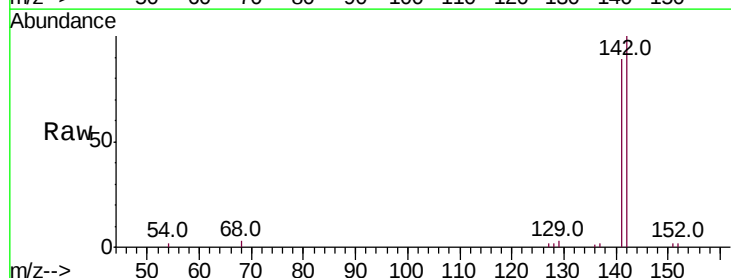
Acq: 10 Oct 2018 16:33

Tgt Ion:142 Resp: 6590

Ion Ratio Lower Upper

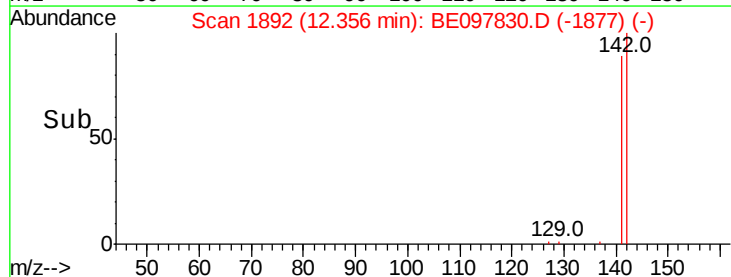
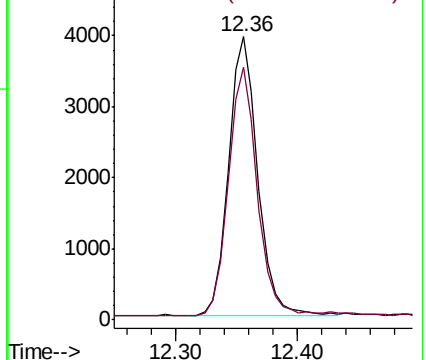
142 100

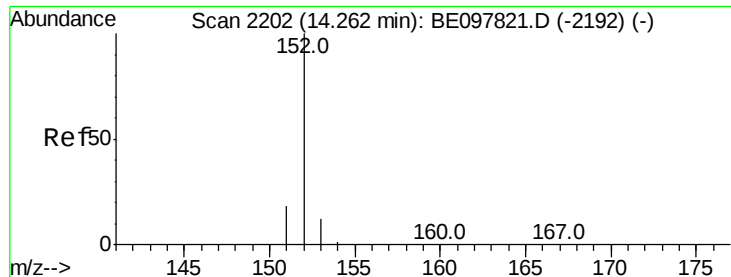
141 87.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 14.25 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

Instrument :

BNA_E

ClientSampleId :

A3Z42

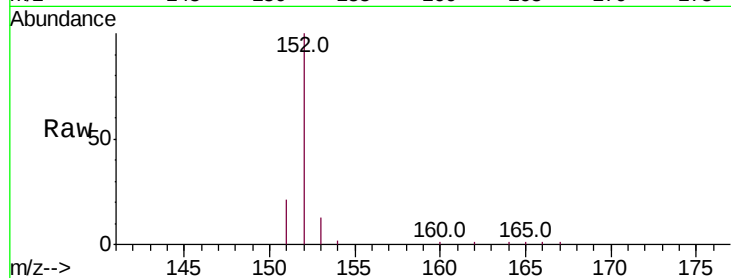
Tot Ion:152 Resp: 10358

Ion Ratio Lower Upper

152 100

151 20.7 15.0 22.6

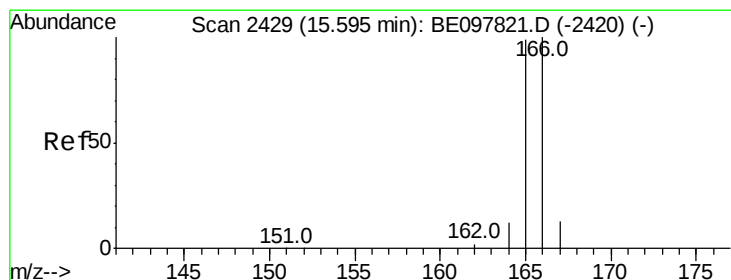
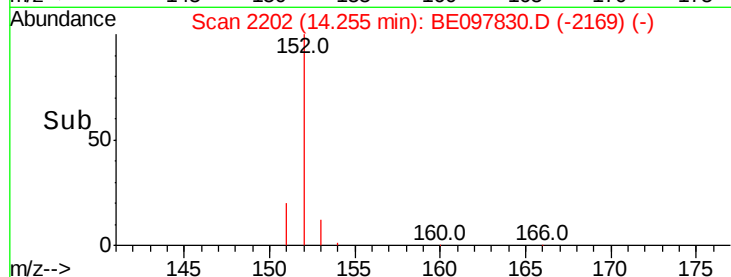
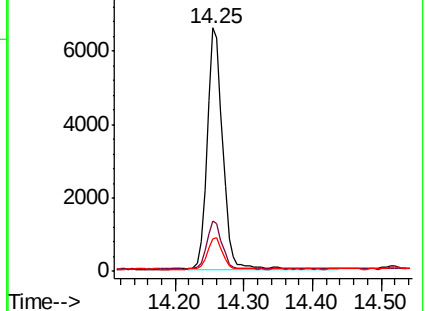
153 13.1 10.5 15.7



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



#9

Fluorene

Concen: 0.462 ng/ul

RT: 15.59 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

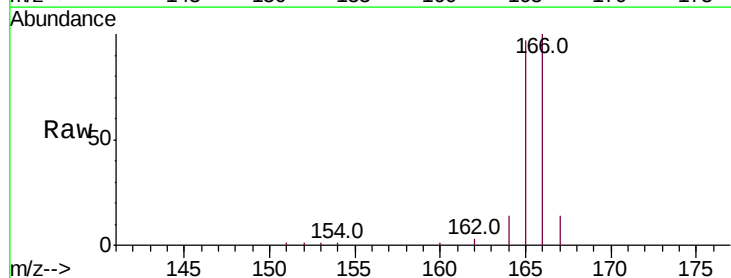
Tgt Ion:166 Resp: 13197

Ion Ratio Lower Upper

166 100

165 97.2 79.2 118.8

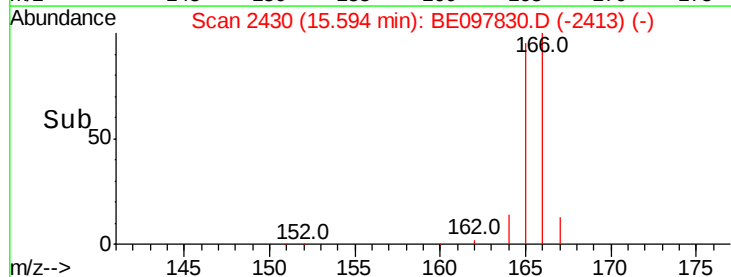
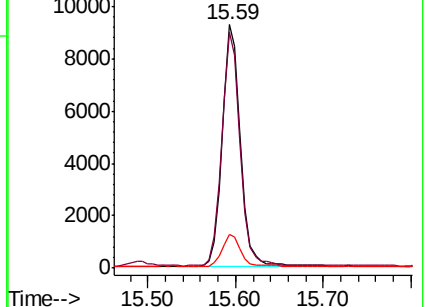
167 13.9 11.3 16.9

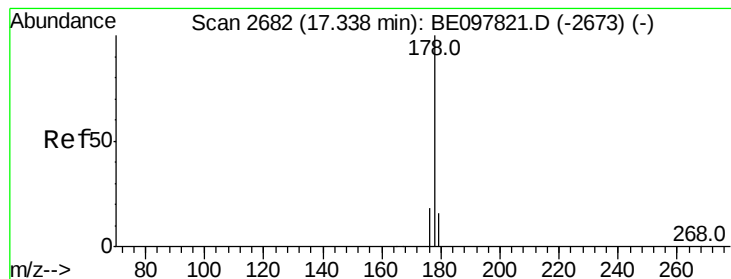


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.841 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

Instrument :

BNA_E

ClientSampleId :

A3Z42

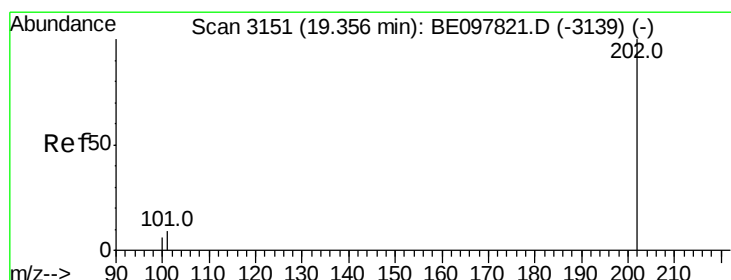
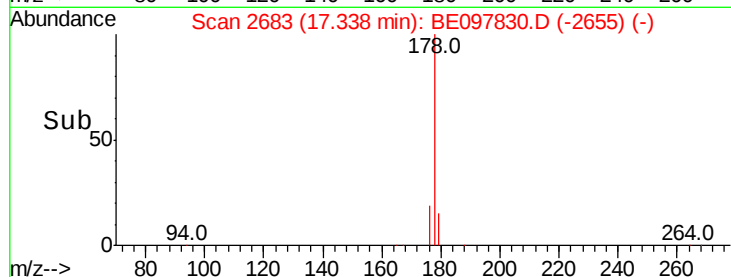
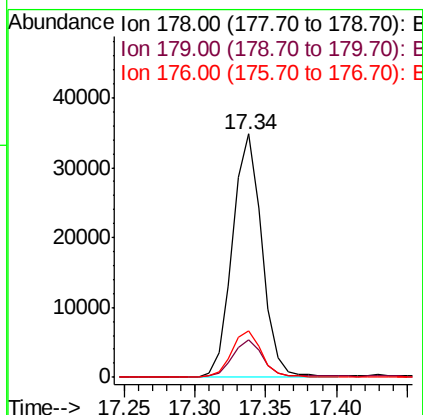
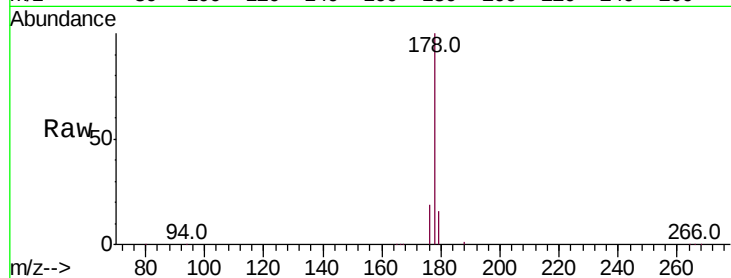
Tot Ion:178 Resp: 49987

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.3 14.9 22.3



#15

Fluoranthene

Concen: 0.612 ng/ul

RT: 19.35 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

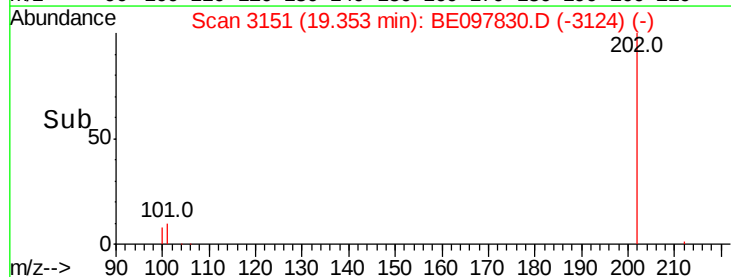
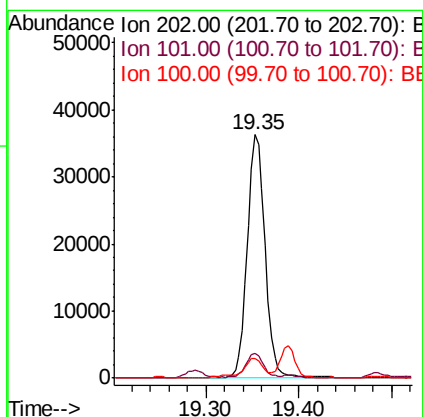
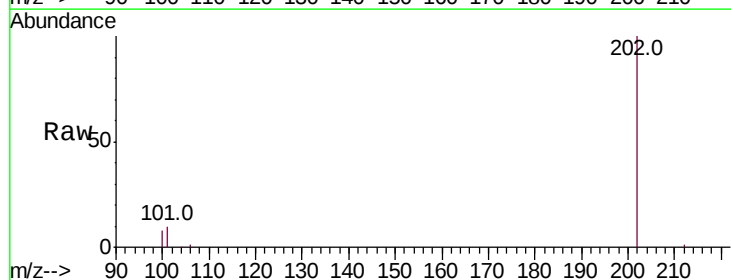
Tgt Ion:202 Resp: 47937

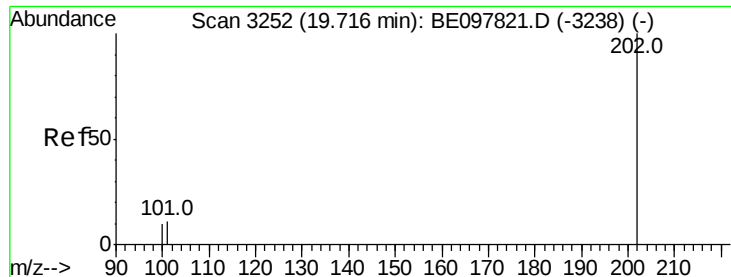
Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

100 8.2 0.0 27.5

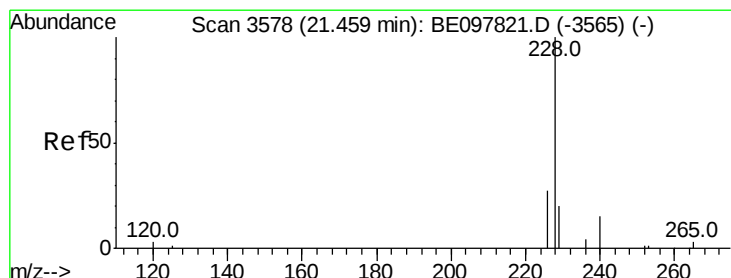
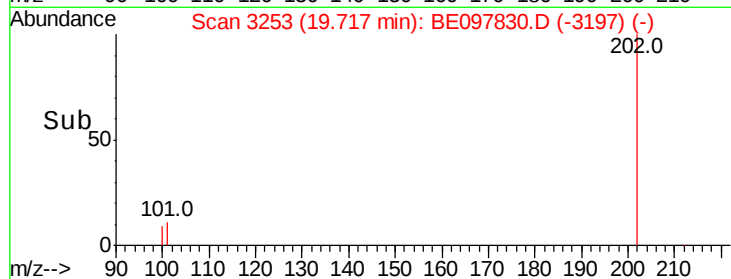
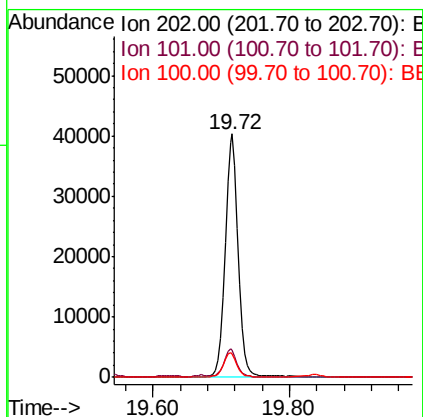
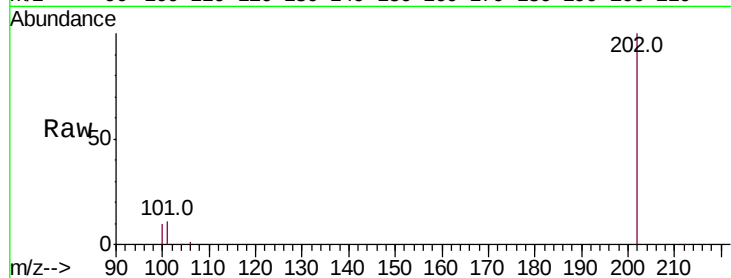




#17
Pvrene
Concen: 0.757 ng/ul
RT: 19.72 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BE097830.D
Acq: 10 Oct 2018 16:33

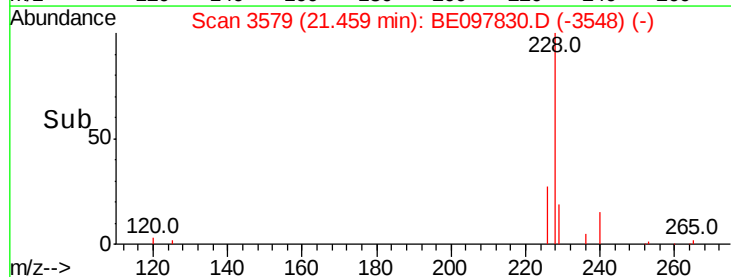
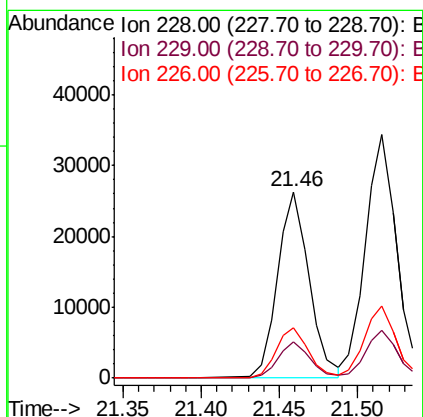
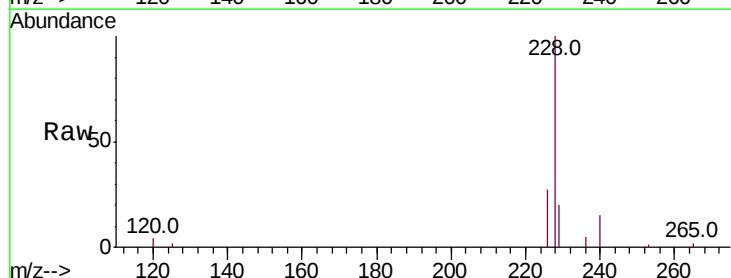
Instrument :
BNA_E
ClientSampleId :
A3Z42

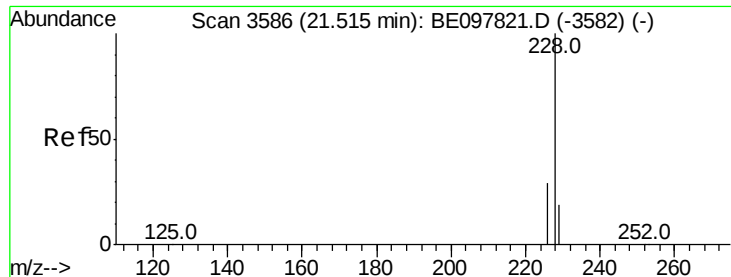
Tot Ion:202 Resp: 64642
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 9.7 7.9 11.9



#18
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.46 min Scan# 3579
Delta R.T. 0.00 min
Lab File: BE097830.D
Acq: 10 Oct 2018 16:33

Tgt Ion:228 Resp: 49571
Ion Ratio Lower Upper
228 100
229 19.6 16.4 24.6
226 26.9 21.5 32.3





#19

Chrysene

Concen: 0.529 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

Instrument :

BNA_E

ClientSampleId :

A3Z42

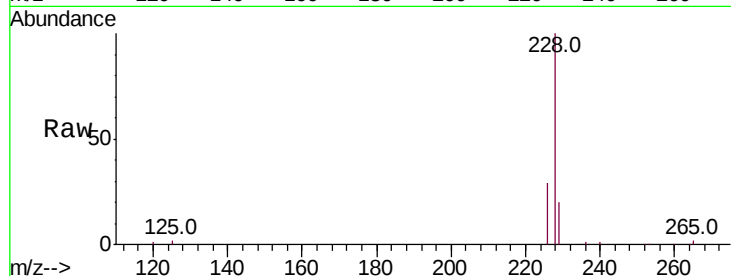
Tot Ion:228 Resp: 49251

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

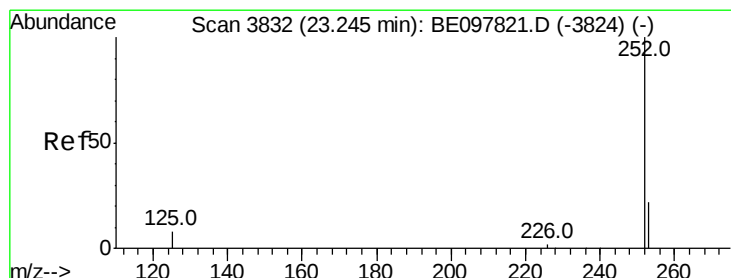
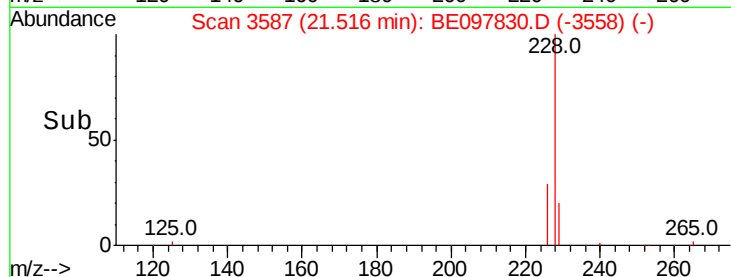
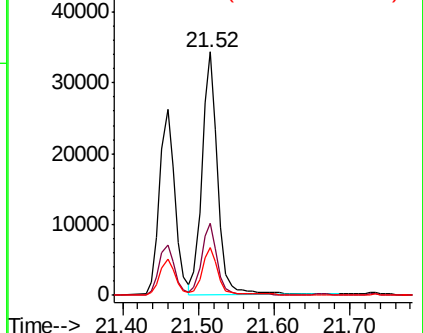
229 19.8 15.5 23.3



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: 0.365 ng/ul

RT: 23.25 min Scan# 3833

Delta R.T. 0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

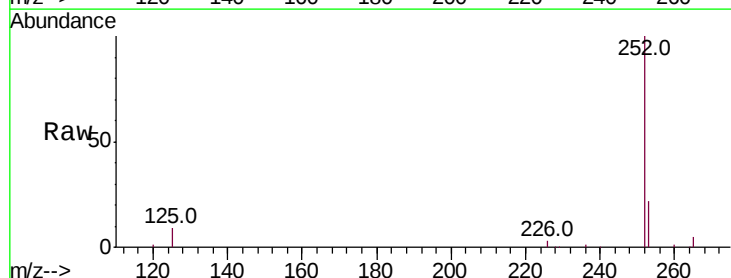
Tgt Ion:252 Resp: 32932

Ion Ratio Lower Upper

252 100

253 22.4 0.0 47.0

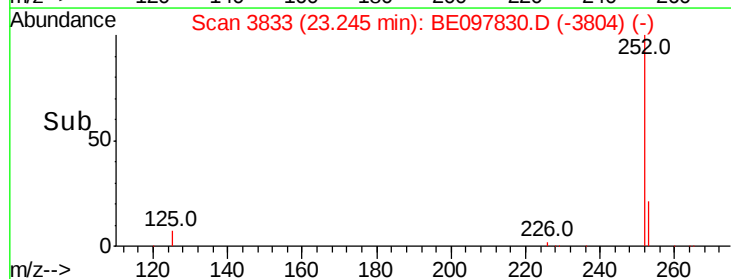
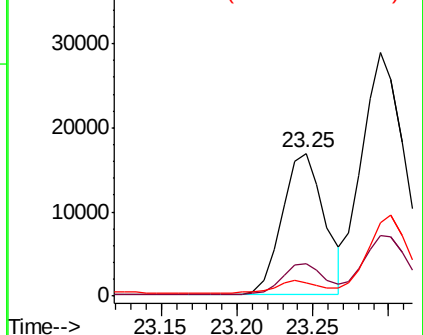
125 9.2 0.0 18.2

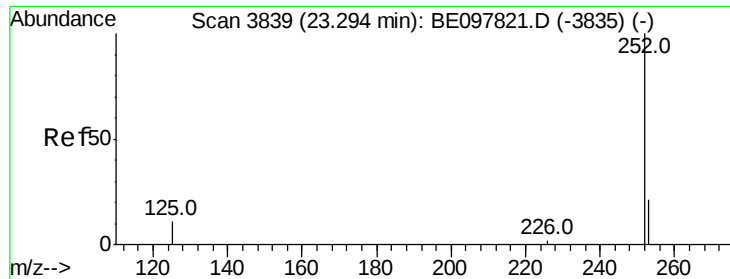


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.575 ng/u1

RT: 23.29 min Scan# 3840

Delta R.T. 0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

Instrument :

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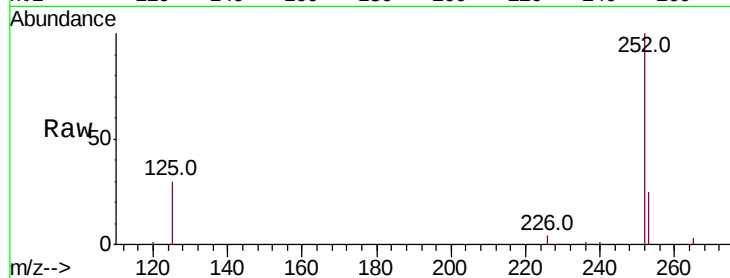
Tot Ion:252 Resp: 58784

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.6

125 30.2 9.4 14.0#

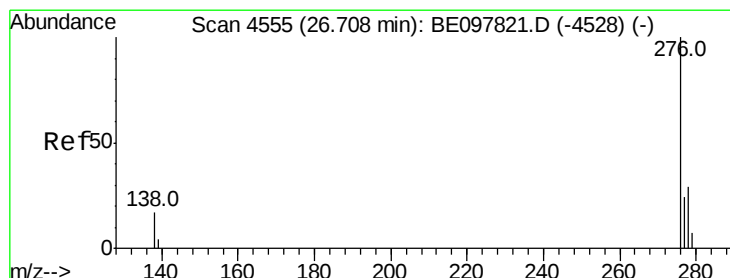
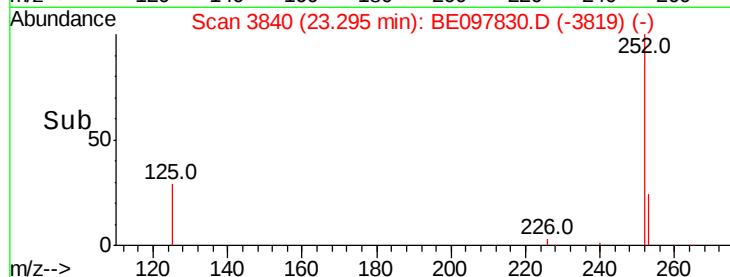
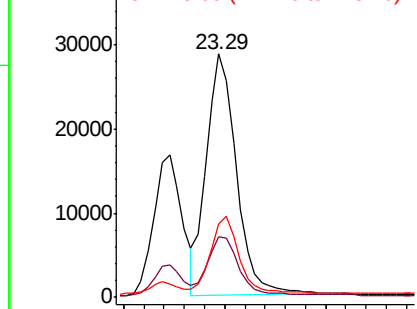


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.457 ng/u1

RT: 26.71 min Scan# 4556

Delta R.T. 0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

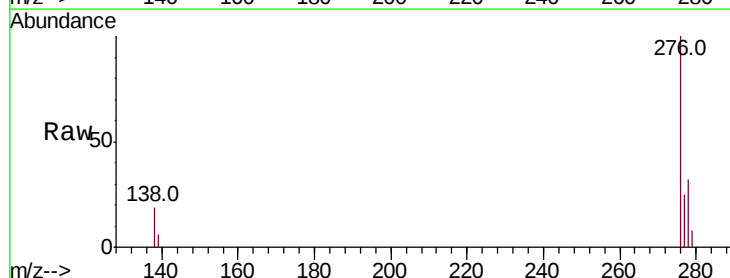
Tgt Ion:276 Resp: 42827

Ion Ratio Lower Upper

276 100

138 19.6 0.0 0.0#

227 0.0 0.0 0.0

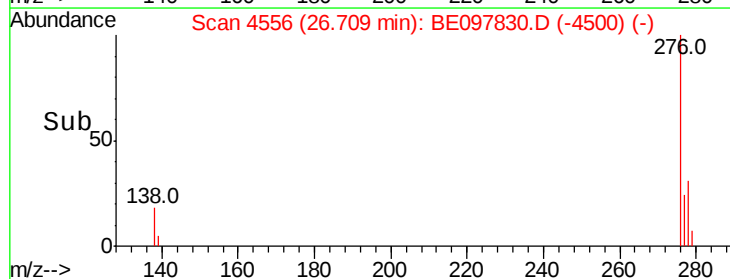
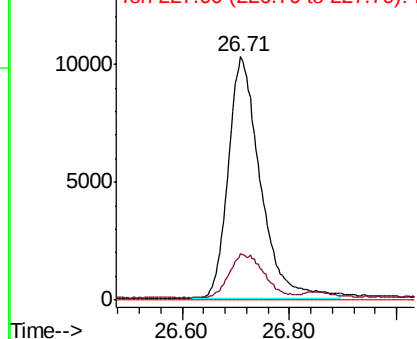


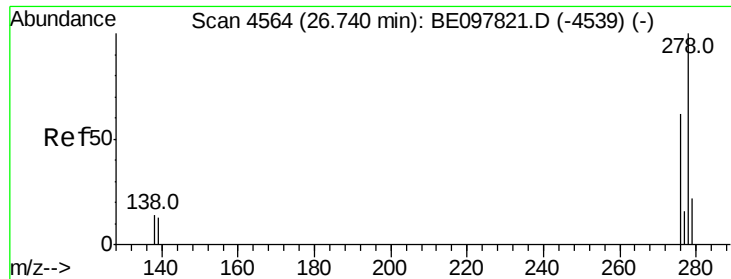
Abundance

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: 0.484 ng/ul

RT: 26.74 min Scan# 4565

Delta R.T. 0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

Instrument :

BNA_E

ClientSampleId :

A3Z42

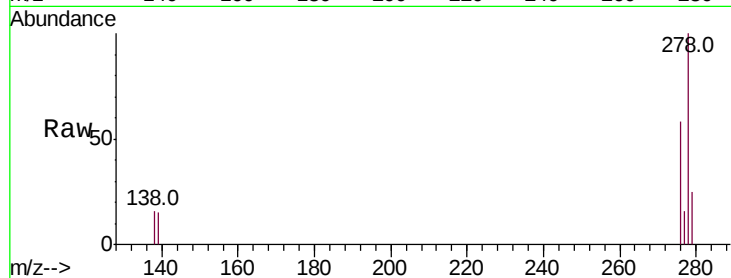
Tot Ion:278 Resp: 37889

Ion Ratio Lower Upper

278 100

139 14.6 10.9 16.3

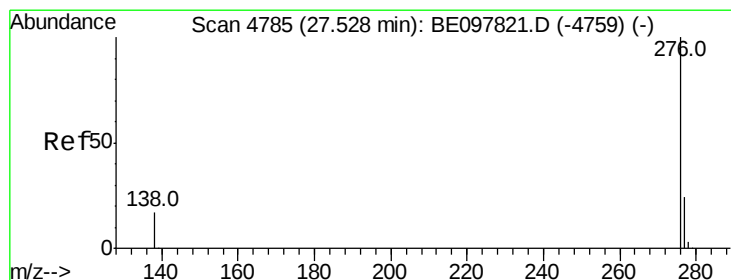
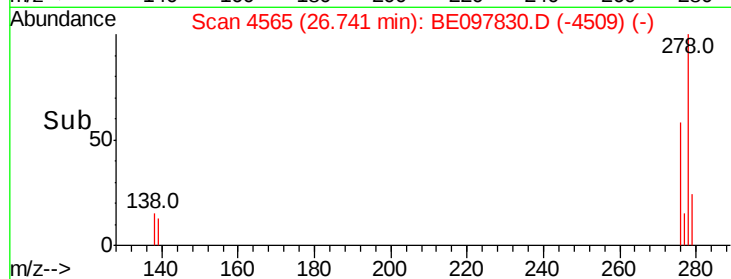
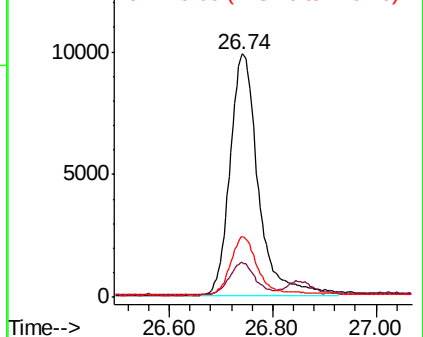
279 25.1 18.8 28.2



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: 0.676 ng/ul

RT: 27.53 min Scan# 4786

Delta R.T. 0.00 min

Lab File: BE097830.D

Acq: 10 Oct 2018 16:33

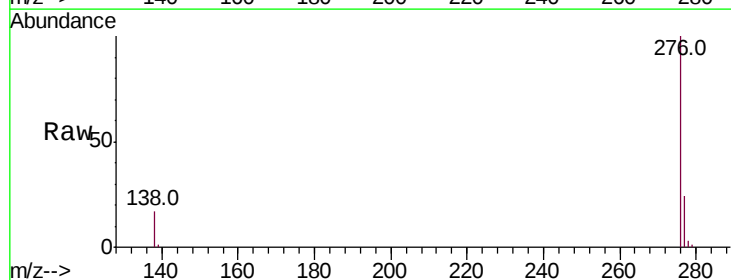
Tgt Ion:276 Resp: 59816

Ion Ratio Lower Upper

276 100

138 17.5 14.3 21.5

277 23.8 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

