

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097138.D
 Acq On : 1 Aug 2018 20:39
 Operator : SJ/JU
 Sample : J4149-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 01:04:07 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 : Wed Aug 01 16:16:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1434	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7322	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4706	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1038450	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.21	264	19848	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	4458	0.38	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

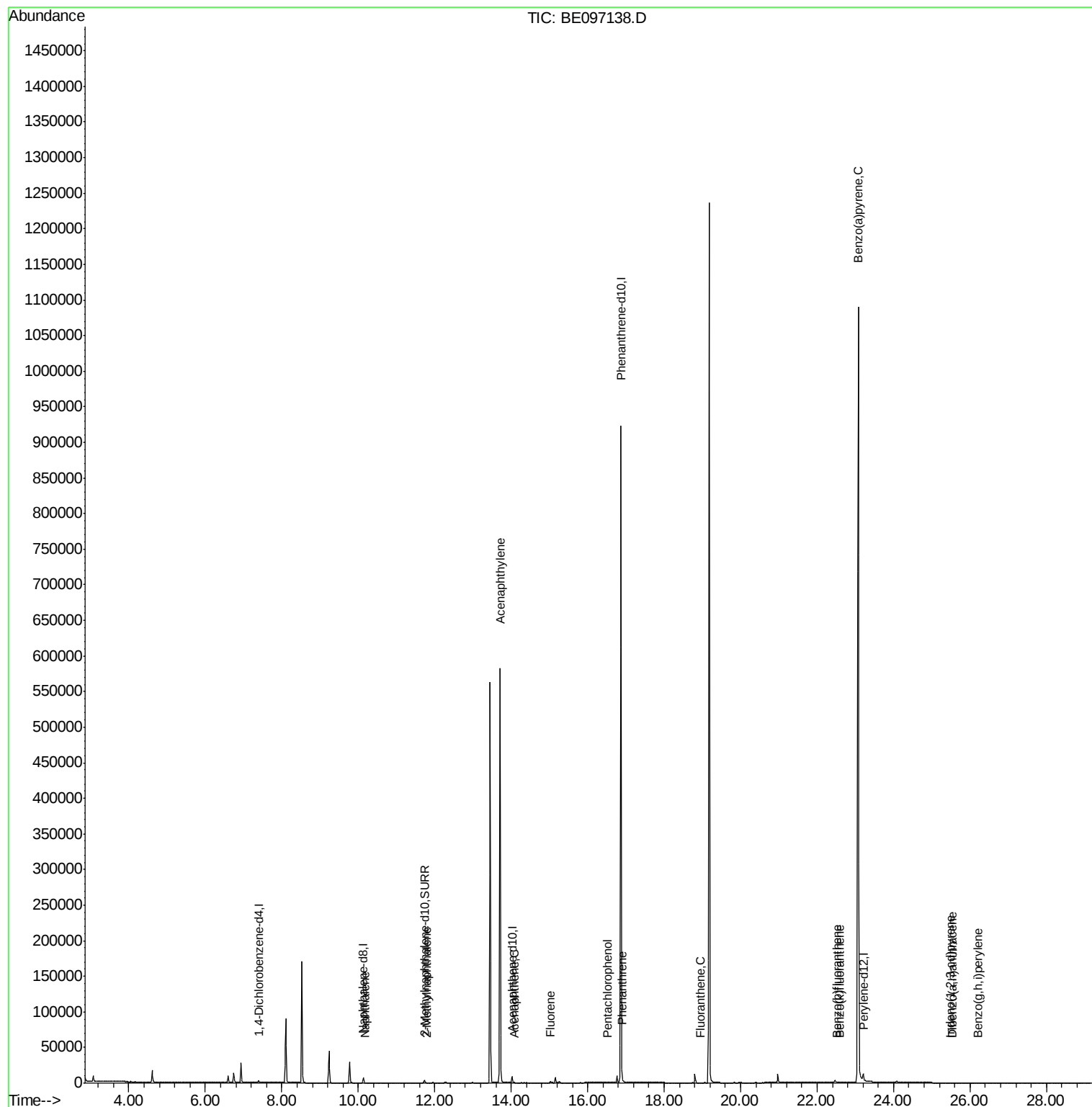
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.18	128	149	0.008	ng/ul#	16
5) 2-Methylnaphthalene	11.80	142	56	0.005	ng/ul#	47
7) Acenaphthylene	13.70	152	98	0.005	ng/ul#	1
8) Acenaphthene	14.08	153	30	0.002	ng/ul#	72
9) Fluorene	15.03	166	1462	0.086	ng/ul#	21
11) Pentachlorophenol	16.51	266	6	0.000	ng/ul	93
12) Phenanthrene	16.90	178	762	0.000	ng/ul#	79
15) Fluoranthene	18.95	202	5	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.53	252	57	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.59	252	65	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.08	252	4379	0.081	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.50	276	29	0.000	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.53	278	11	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	41	0.001	ng/ul#	1

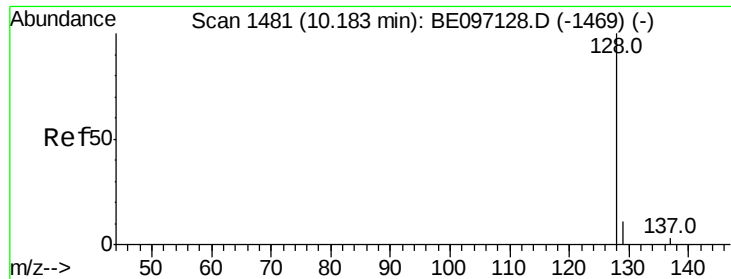
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.008 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Instrument :

BNA_E

ClientSampleId :

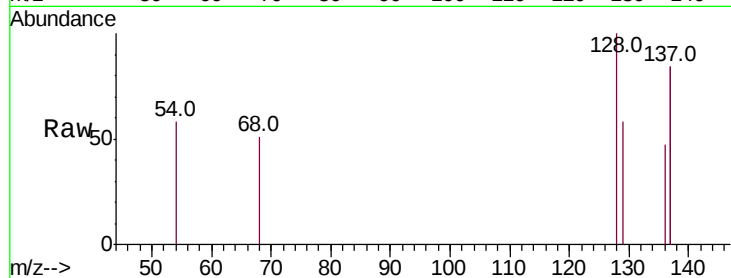
Tot Ion:128 Resp: 149

Ion Ratio Lower Upper

128 100

129 58.1 11.3 16.9#

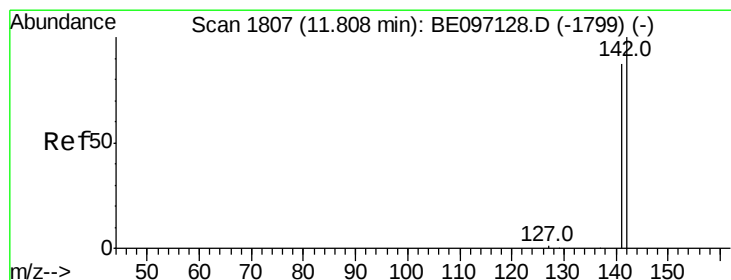
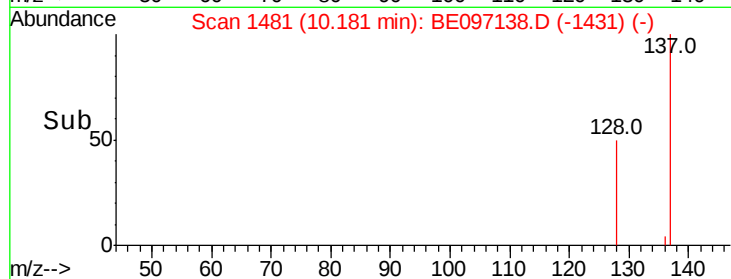
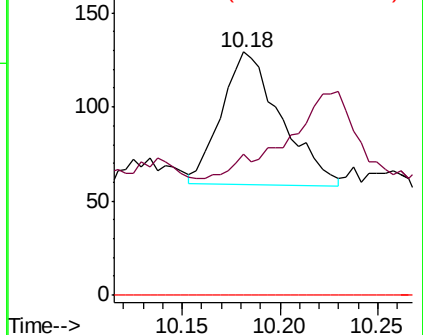
127 0.0 4.0 6.0#



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: 0.005 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097138.D

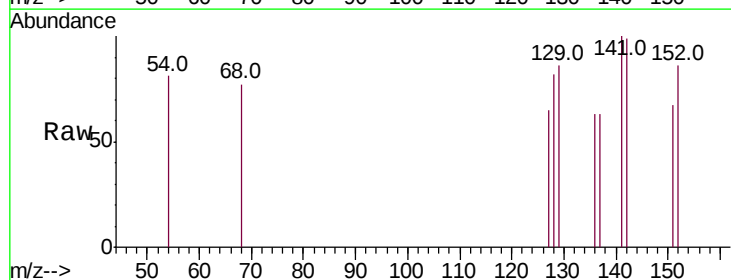
Acq: 1 Aug 2018 20:39

Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

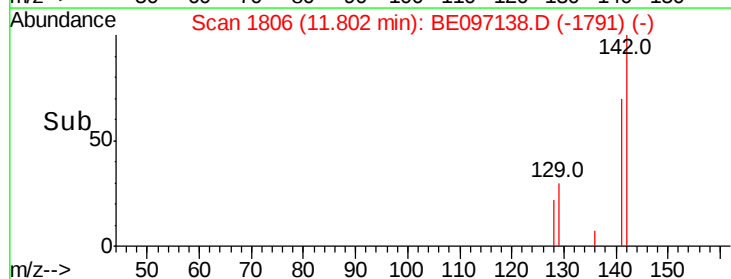
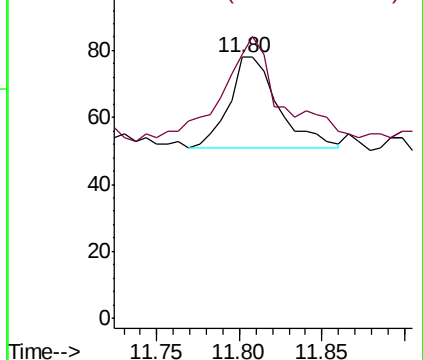
142 100

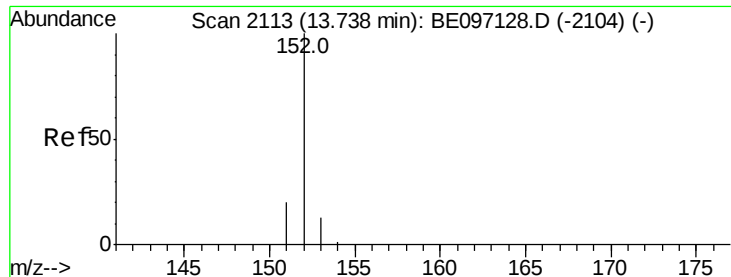
141 141.1 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.005 ng/ul

RT: 13.70 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Instrument :

BNA_E

ClientSampleId :

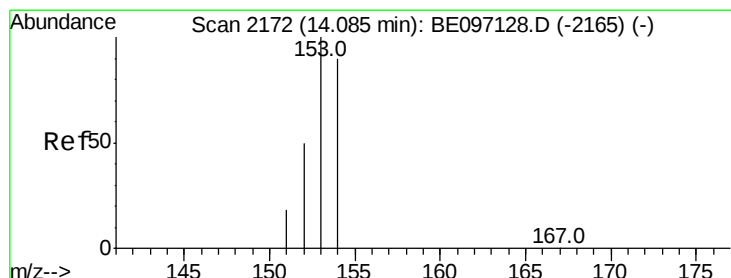
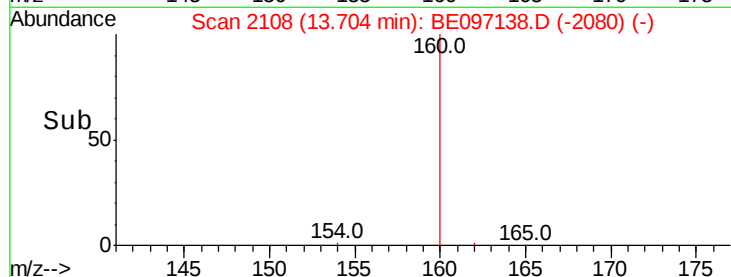
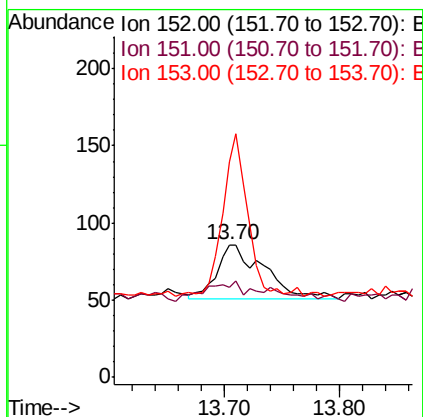
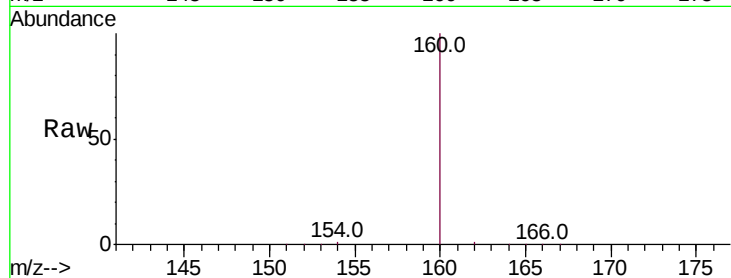
Tot Ion:152 Resp: 98

Ion Ratio Lower Upper

152 100

151 67.4 17.1 25.7#

153 162.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.002 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

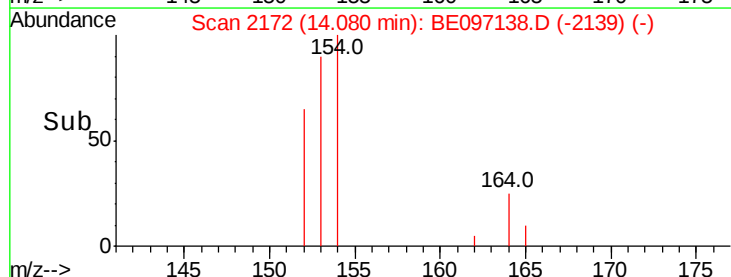
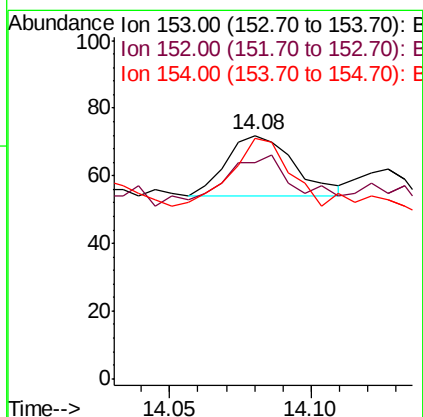
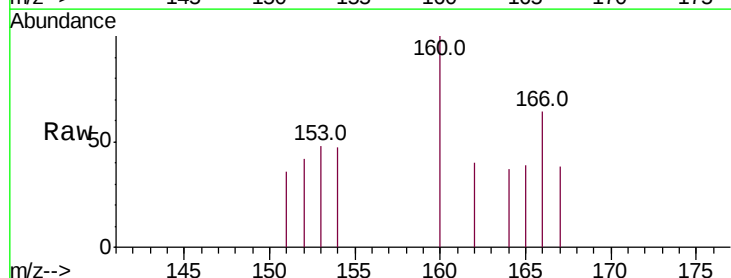
Tgt Ion:153 Resp: 30

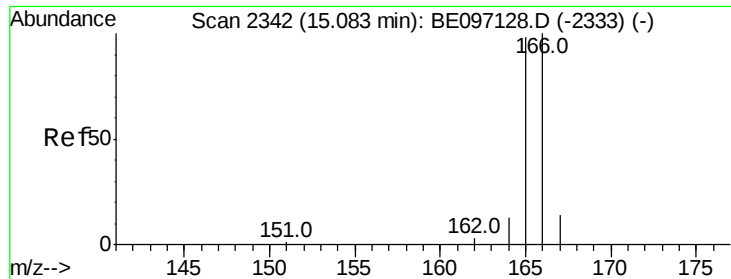
Ion Ratio Lower Upper

153 100

152 88.9 36.0 54.0#

154 98.6 72.0 108.0





#9

Fluorene

Concen: 0.086 ng/ul

RT: 15.03 min Scan# 2333

Delta R.T. -0.06 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Instrument :

BNA_E

ClientSampleId :

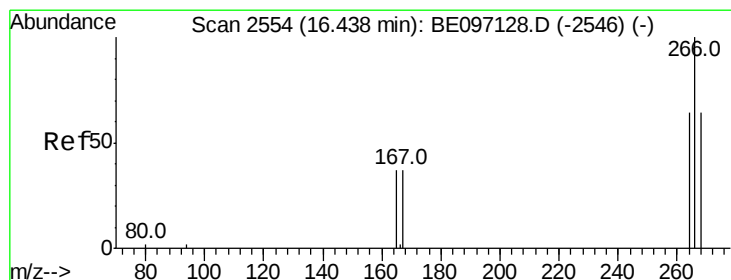
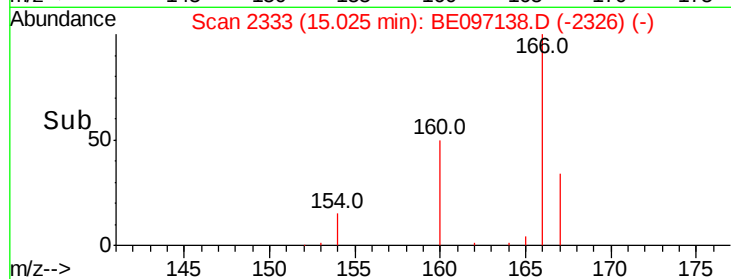
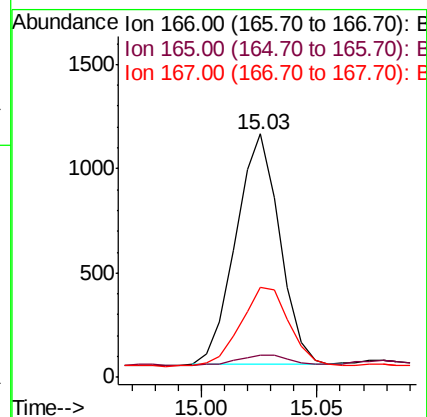
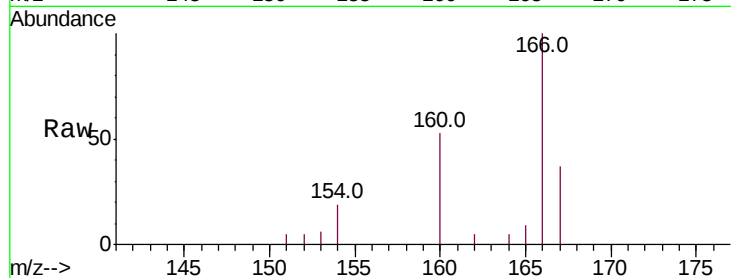
Tot Ion:166 Resp: 1462

Ion Ratio Lower Upper

166 100

165 9.0 73.4 110.2#

167 37.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.51 min Scan# 2565

Delta R.T. 0.07 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

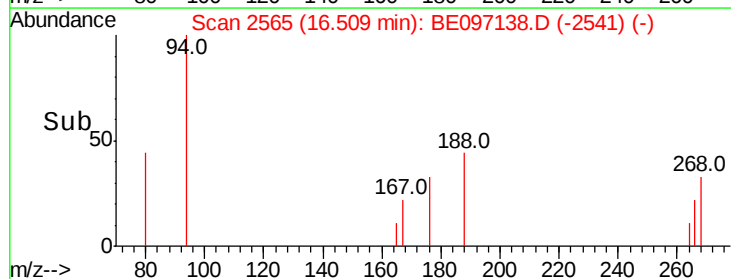
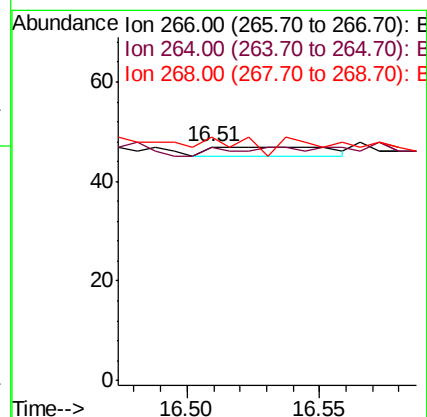
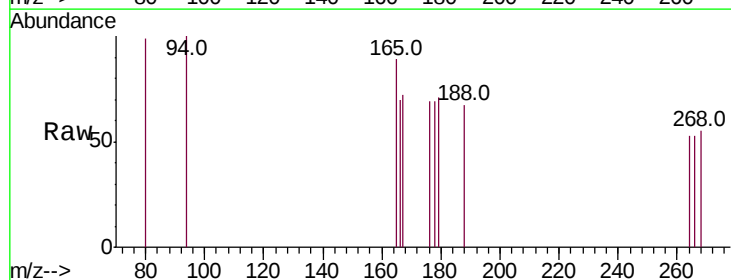
Tgt Ion:266 Resp: 6

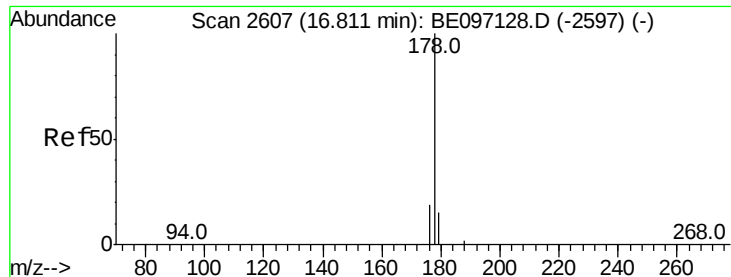
Ion Ratio Lower Upper

266 100

264 66.7 47.9 71.9

268 66.7 49.8 74.8





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Instrument :

BNA_E

ClientSampleId :

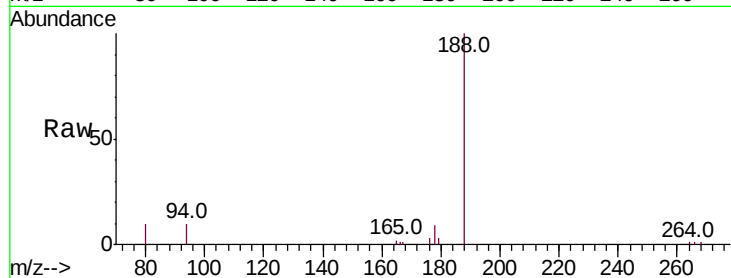
Tot Ion:178 Resp: 762

Ion Ratio Lower Upper

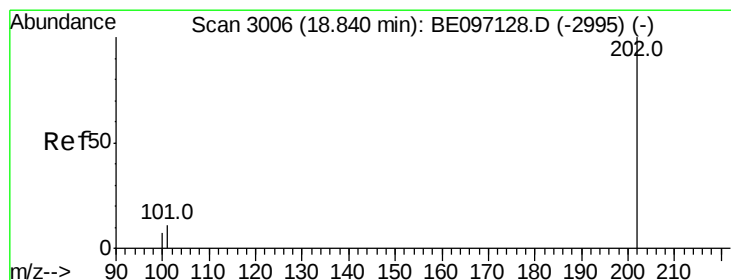
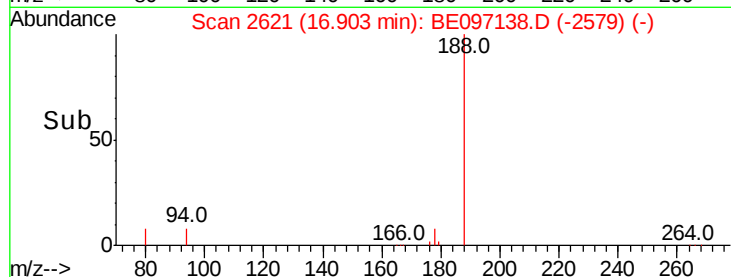
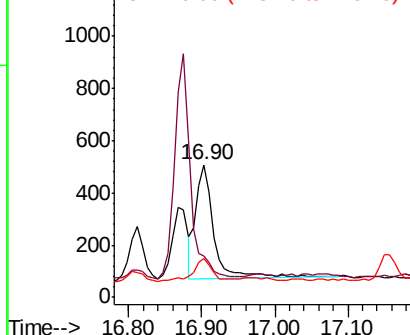
178 100

179 31.1 18.4 27.6#

176 28.9 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 18.95 min Scan# 3038

Delta R.T. 0.11 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

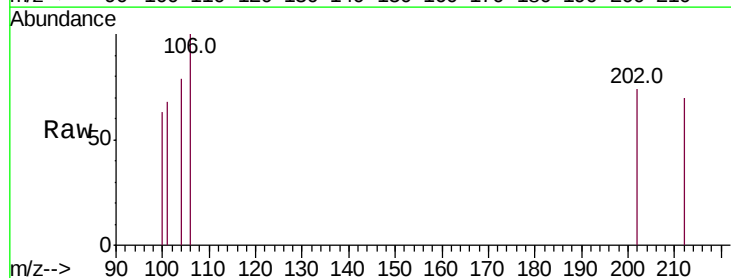
Tgt Ion:202 Resp: 5

Ion Ratio Lower Upper

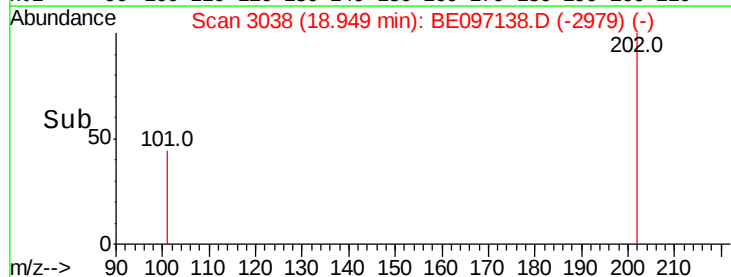
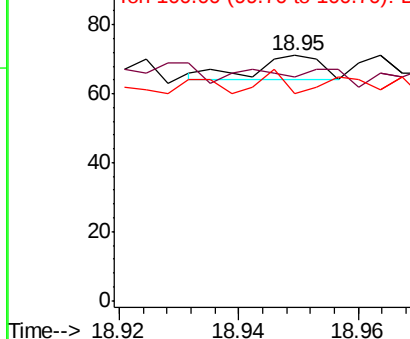
202 100

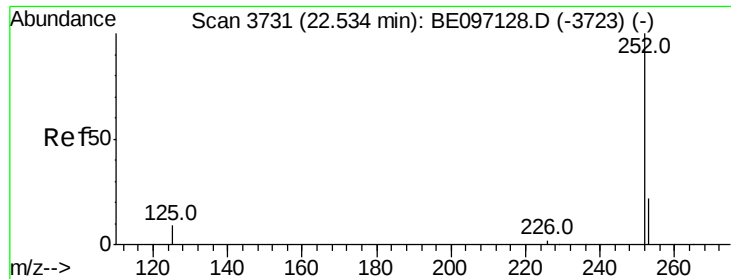
101 91.5 0.0 30.3#

100 84.5 0.0 39.5#



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





#21

Benzo(b)fluoranthene

Concen: 0.001 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

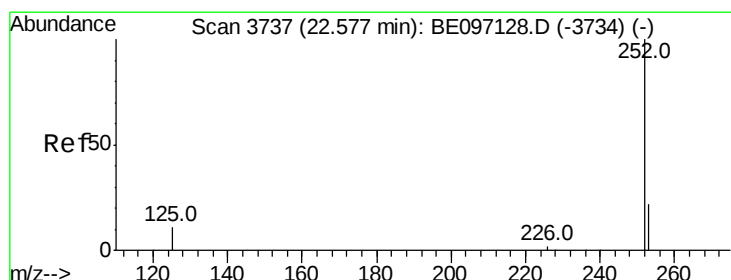
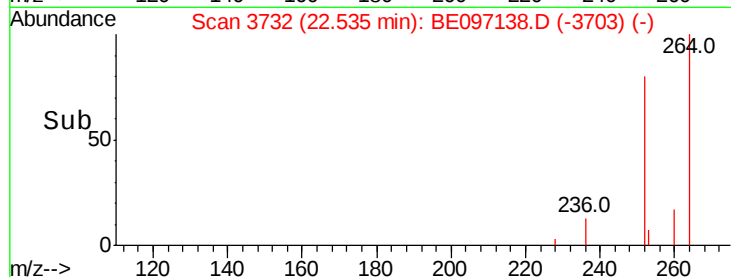
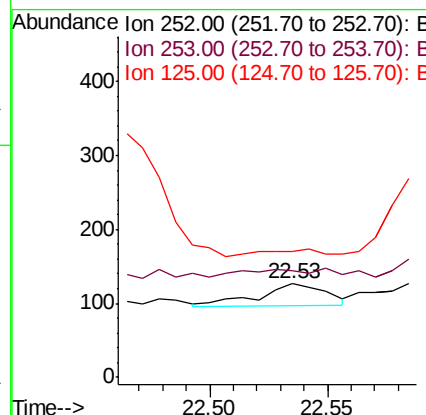
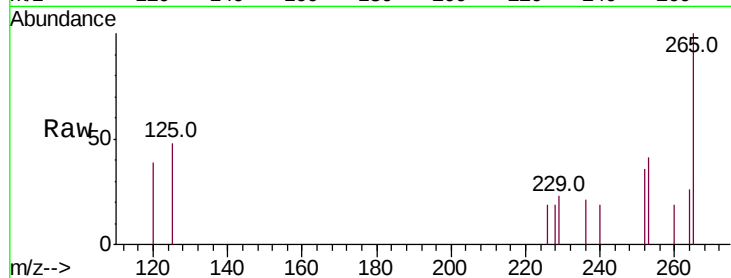
Instrument :

BNA_E

ClientSampled :

Tot Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	114.3	0.0	64.2#
125	134.9	0.0	35.0#



#22

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 22.59 min Scan# 3740

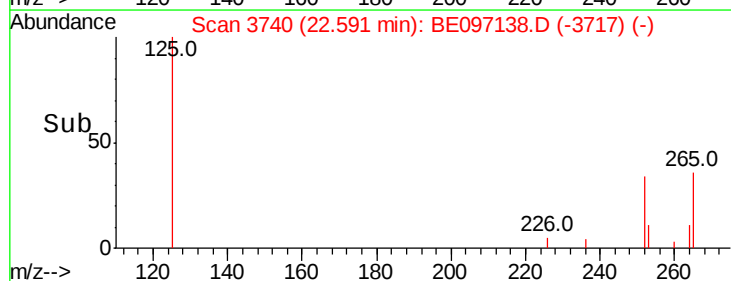
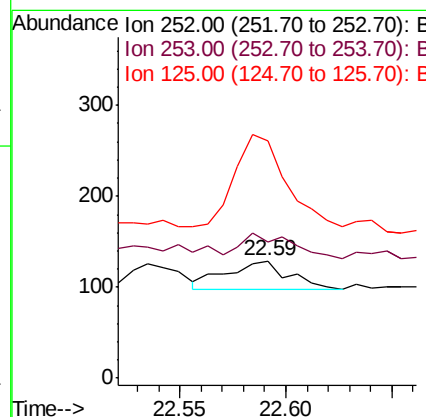
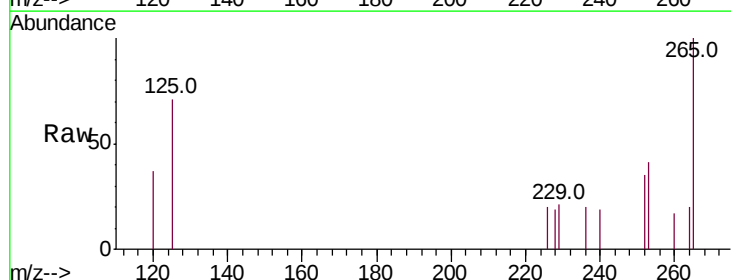
Delta R.T. 0.01 min

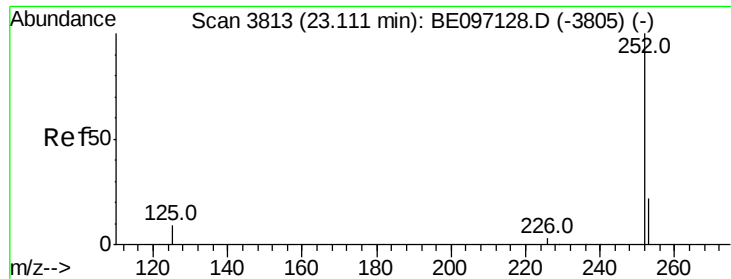
Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Tgt Ion:252 Resp: 65

Ion	Ratio	Lower	Upper
252	100		
253	116.3	24.5	36.7#
125	202.3	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.081 ng/ul

RT: 23.08 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Instrument :

BNA_E

ClientSampleId :

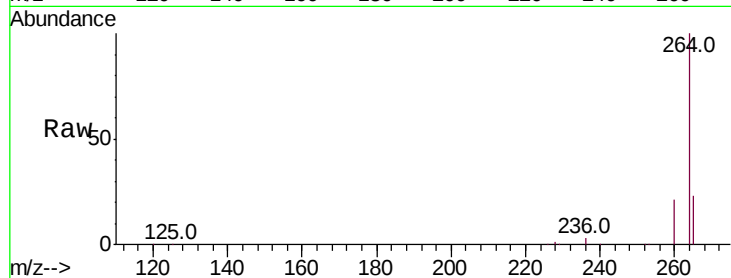
Tot Ion:252 Resp: 4379

Ion Ratio Lower Upper

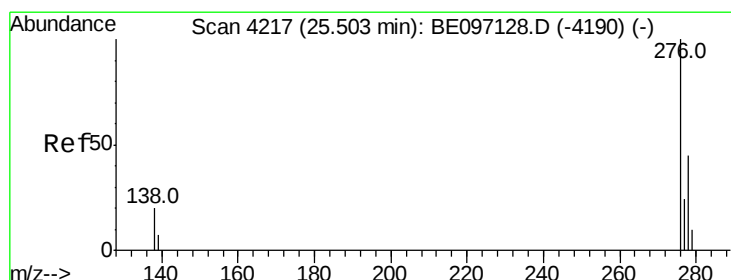
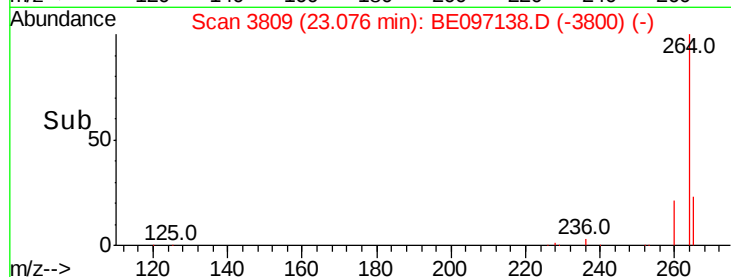
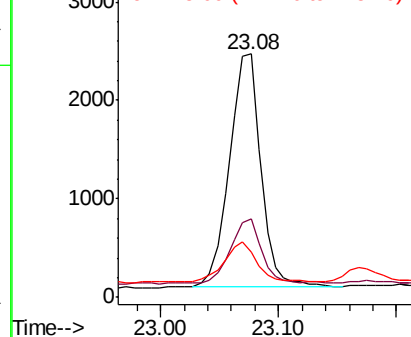
252 100

253 32.2 28.5 42.7

125 18.8 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: 0.000 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. -0.00 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

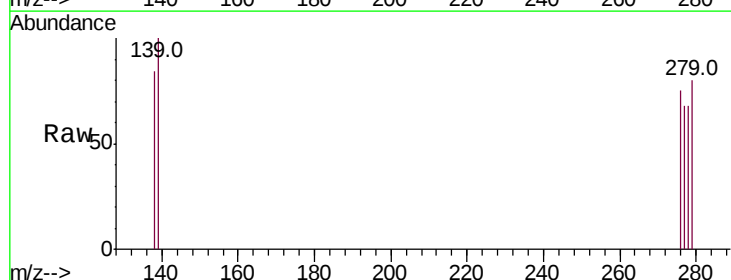
Tgt Ion:276 Resp: 29

Ion Ratio Lower Upper

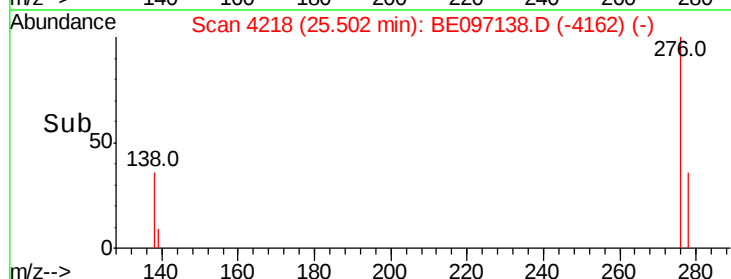
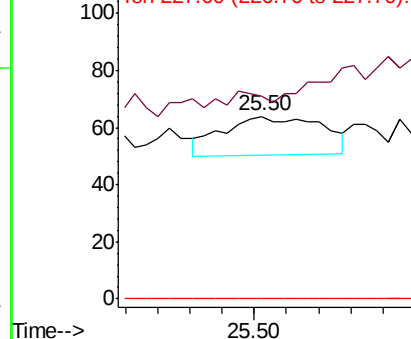
276 100

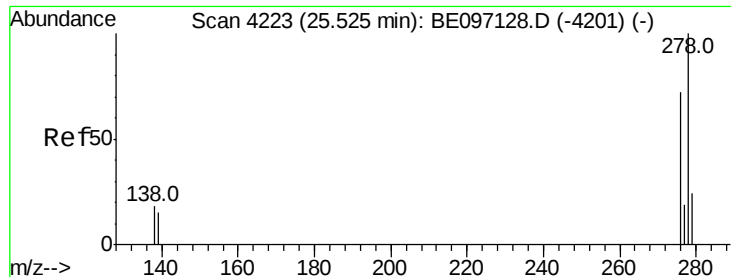
138 20.7 28.0 42.0#

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: 0.000 ng/ul

RT: 25.53 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

Instrument :

BNA_E

ClientSampleId :

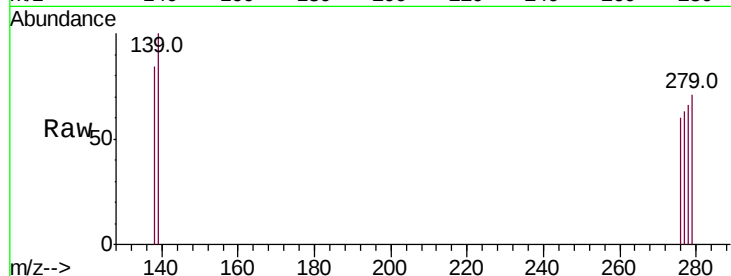
Tot Ion:278 Resp: 11

Ion Ratio Lower Upper

278 100

139 151.6 17.4 26.0#

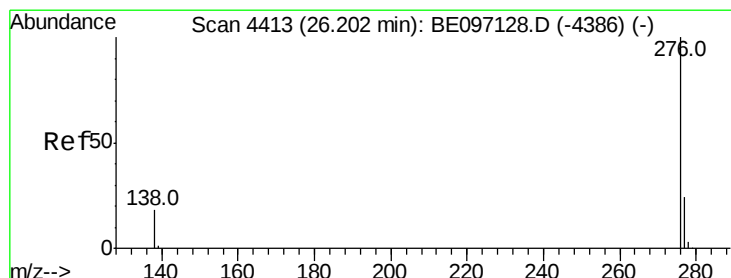
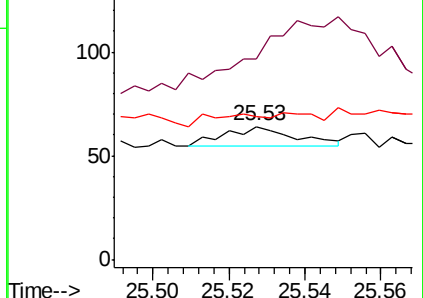
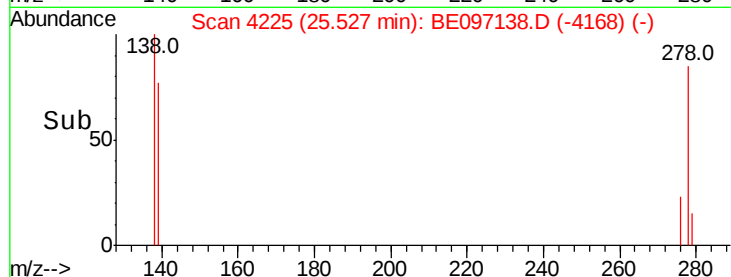
279 107.8 25.9 38.9#



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: 0.001 ng/ul

RT: 26.21 min Scan# 4416

Delta R.T. 0.01 min

Lab File: BE097138.D

Acq: 1 Aug 2018 20:39

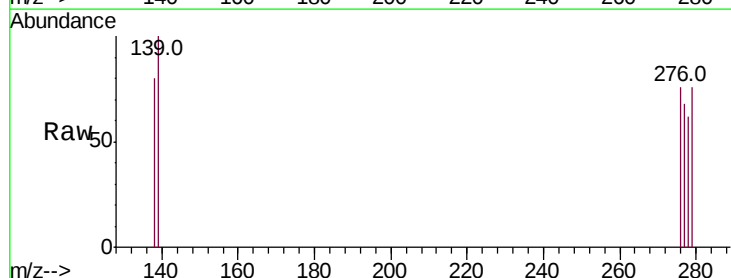
Tgt Ion:276 Resp: 41

Ion Ratio Lower Upper

276 100

138 104.6 21.8 32.8#

277 89.2 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

