

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097140.D
 Acq On : 1 Aug 2018 21:54
 Operator : SJ/JU
 Sample : J4149-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 01:04:21 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

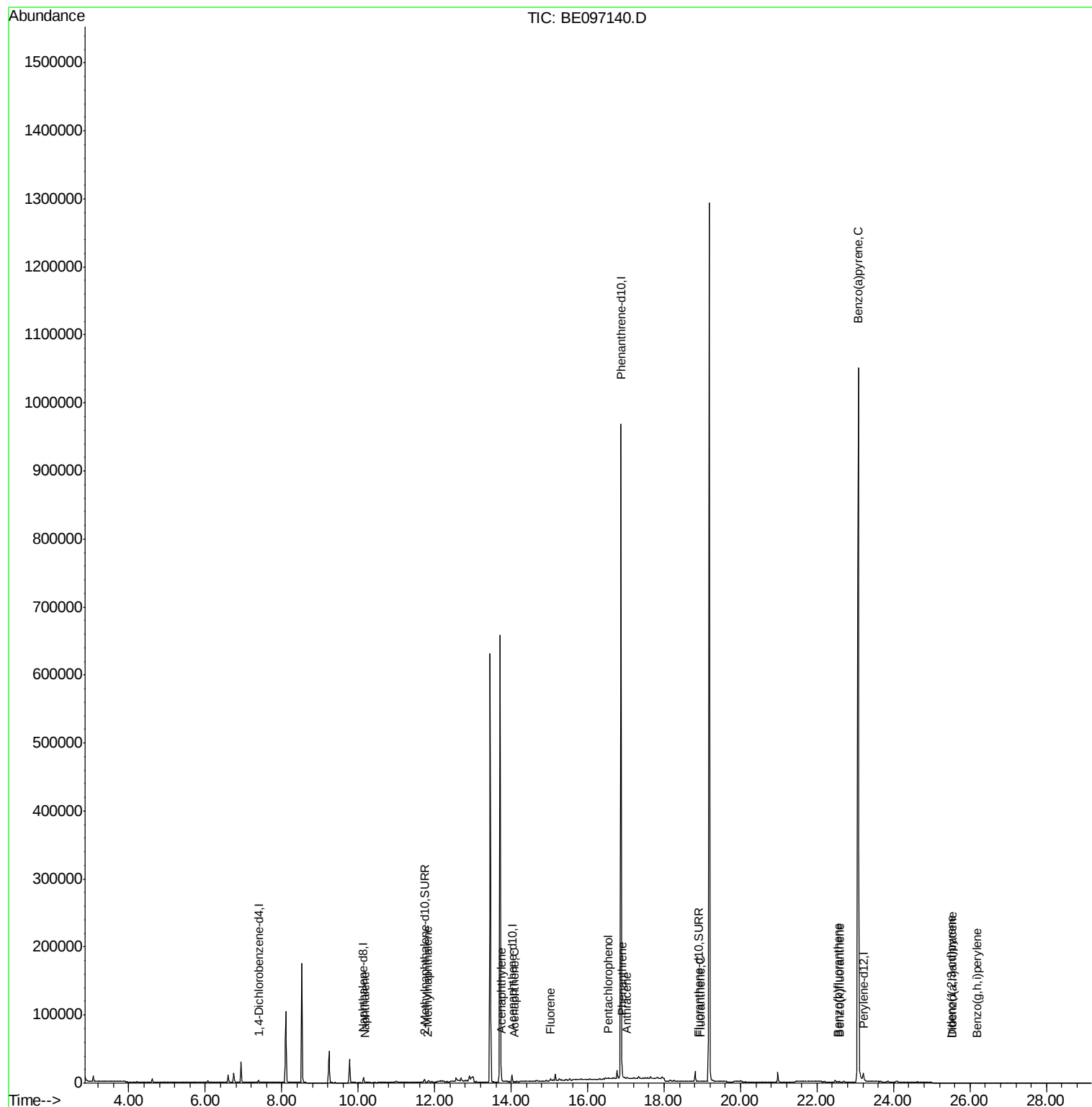
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7921	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	6335	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1153712	0.40	ng/ul	0.11
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.21	264	21243	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5043	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	89	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	10.18	128	216	0.011	ng/ul#	25
5) 2-Methylnaphthalene	11.81	142	82	0.006	ng/ul#	1
7) Acenaphthylene	13.74	152	40	0.001	ng/ul#	1
8) Acenaphthene	14.08	153	300	0.015	ng/ul#	88
9) Fluorene	15.02	166	2109	0.093	ng/ul#	24
11) Pentachlorophenol	16.55	266	7	0.000	ng/ul	86
12) Phenanthrene	16.90	178	467	0.000	ng/ul#	1
13) Anthracene	17.04	178	262	0.000	ng/ul#	1
15) Fluoranthene	18.95	202	11	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.53	252	162	0.003	ng/ul#	1
22) Benzo(k)fluoranthene	22.58	252	133	0.002	ng/ul#	1
23) Benzo(a)pyrene	23.07	252	4549	0.079	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.50	276	94	0.001	ng/ul#	66
25) Dibenzo(a,h)anthracene	25.52	278	12	0.000	ng/ul#	1
26) Benzo(a,h,i)perylene	26.19	276	93	0.001	ng/ul#	1

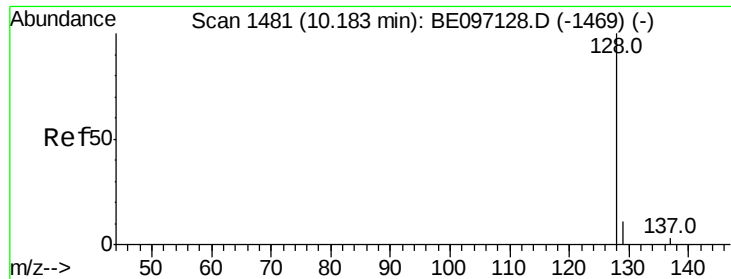
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 01 16:16:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.011 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampled :

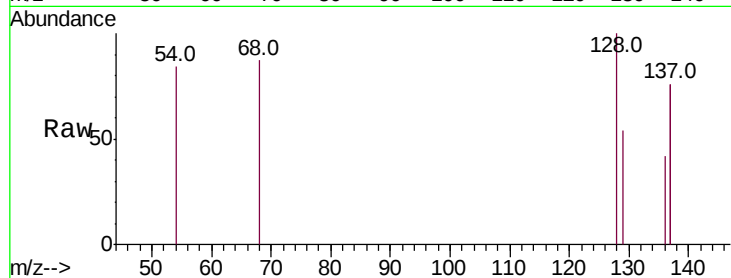
Tot Ion:128 Resp: 216

Ion Ratio Lower Upper

128 100

129 53.5 11.3 16.9#

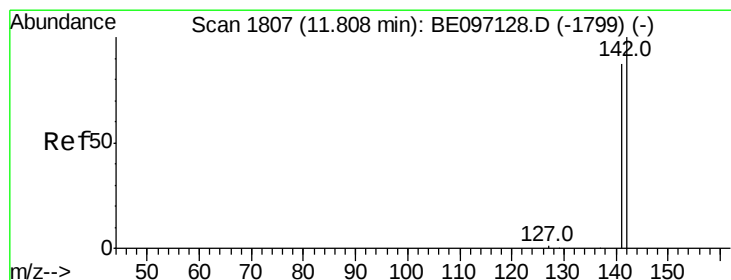
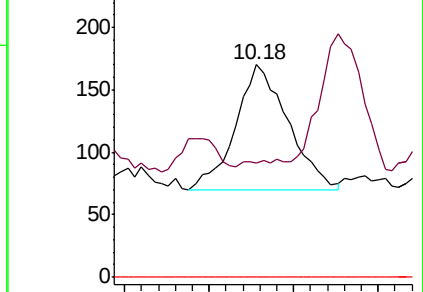
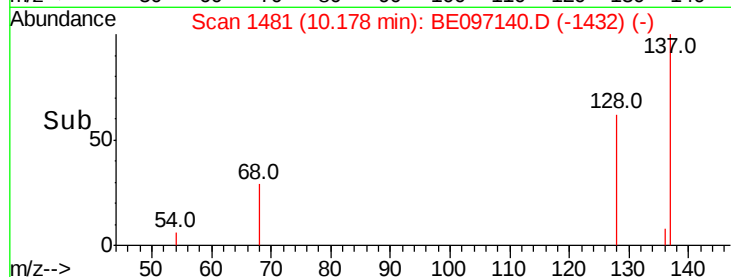
127 0.0 4.0 6.0#



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: 0.006 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE097140.D

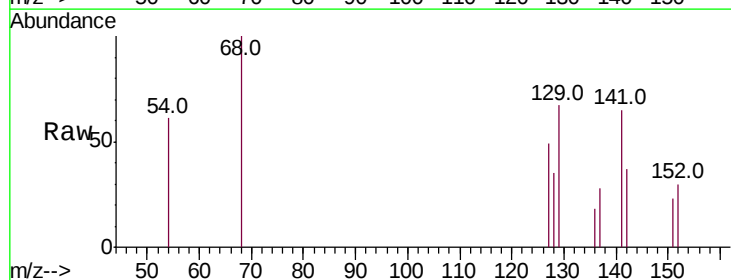
Acq: 1 Aug 2018 21:54

Tgt Ion:142 Resp: 82

Ion Ratio Lower Upper

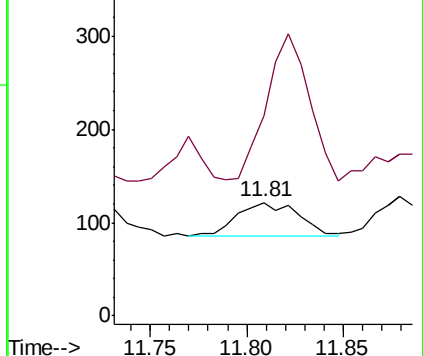
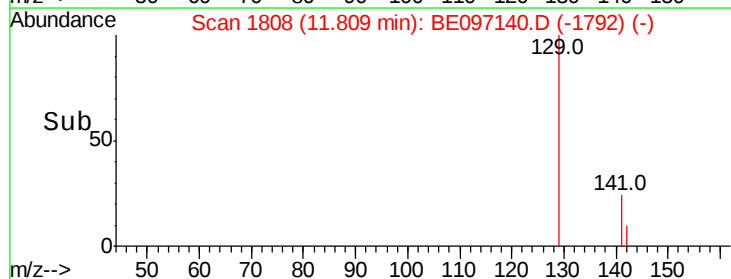
142 100

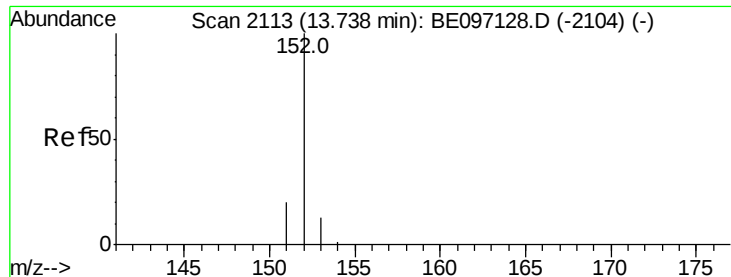
141 293.9 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.001 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampled :

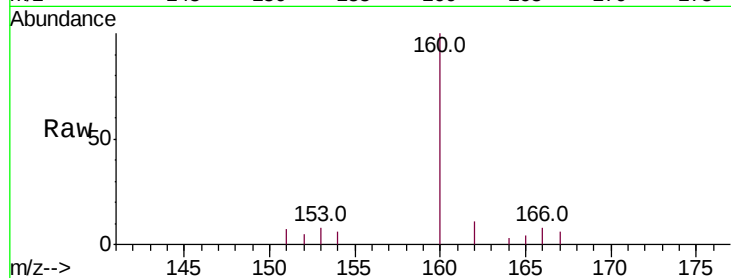
Tot Ion:152 Resp: 40

Ion Ratio Lower Upper

152 100

151 141.4 17.1 25.7#

153 151.3 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

400

300

200

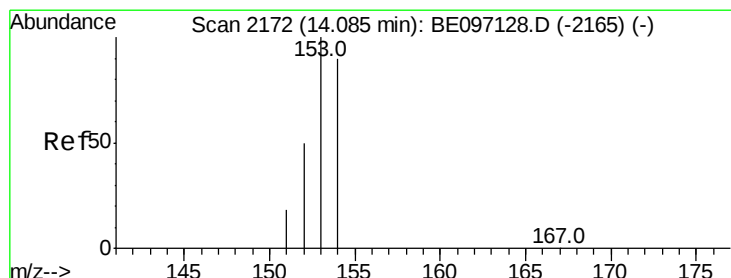
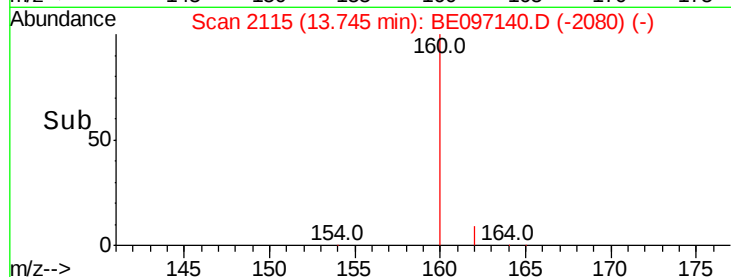
100

0

13.72 13.74 13.76

13.74

Time-->



#8

Acenaphthene

Concen: 0.015 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

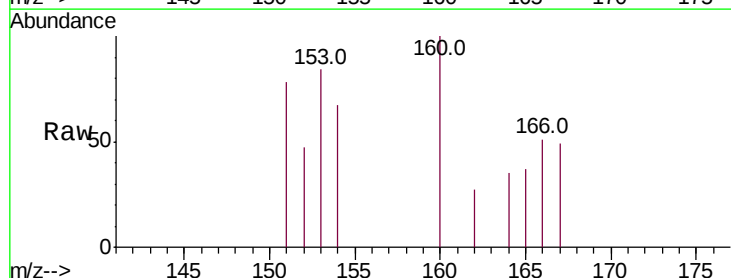
Tgt Ion:153 Resp: 300

Ion Ratio Lower Upper

153 100

152 55.2 36.0 54.0#

154 79.8 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

1200

1000

800

600

400

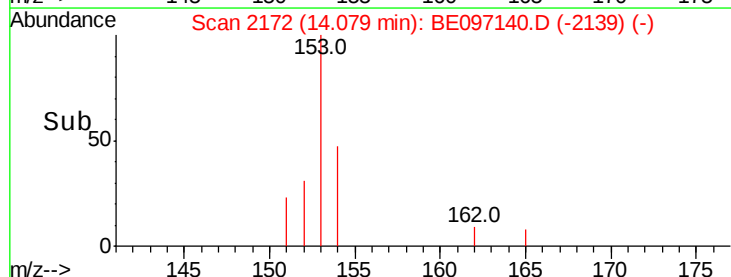
200

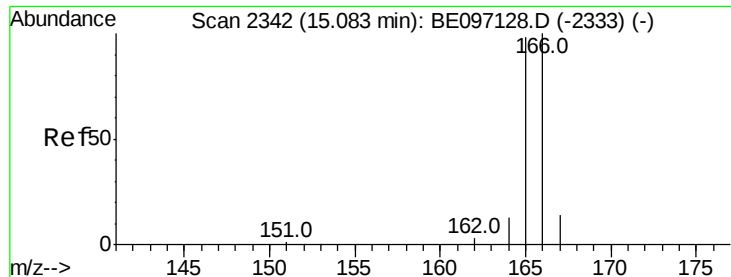
0

14.05 14.10 14.15

14.08

Time-->





#9

Fluorene

Concen: 0.093 ng/ul

RT: 15.02 min Scan# 2333

Delta R.T. -0.06 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampleId :

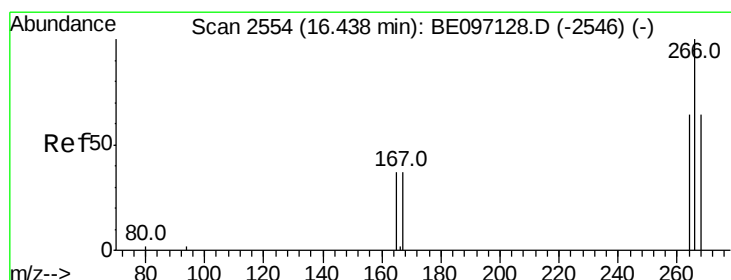
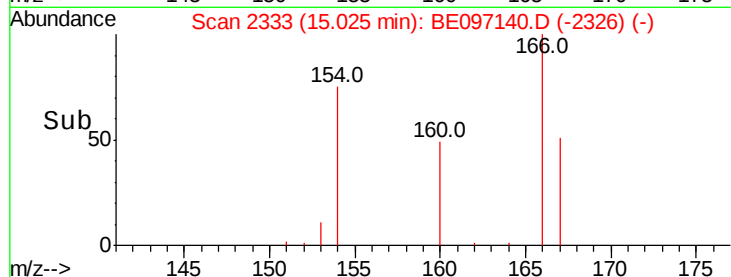
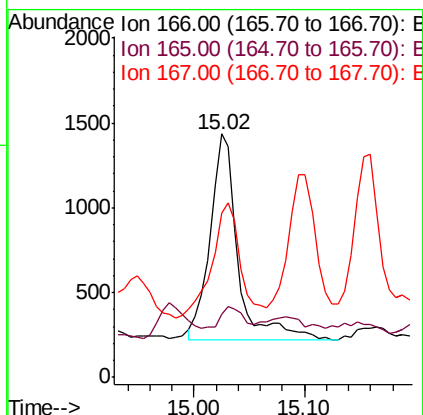
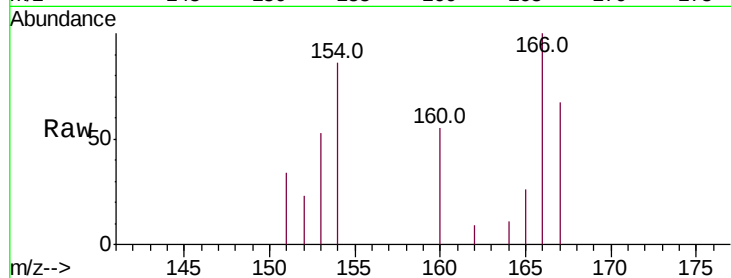
Tot Ion:166 Resp: 2109

Ion Ratio Lower Upper

166 100

165 26.1 73.4 110.2#

167 67.4 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.55 min Scan# 2571

Delta R.T. 0.11 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

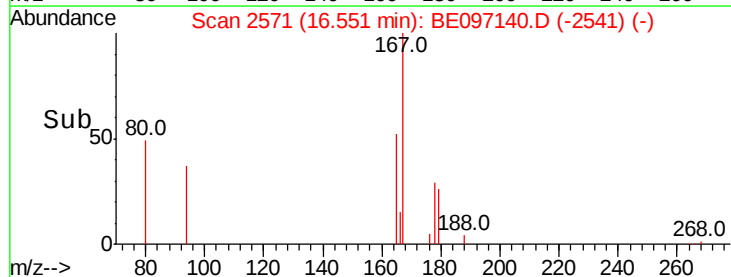
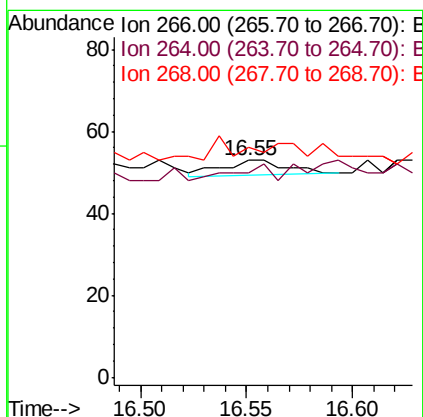
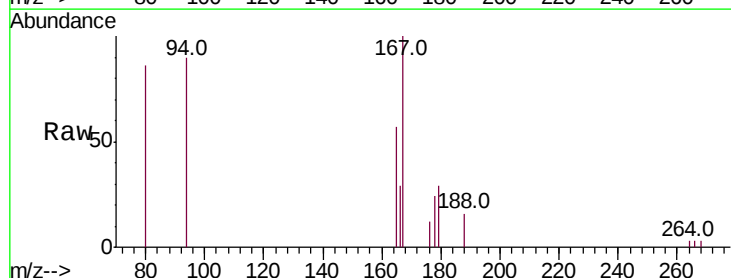
Tgt Ion:266 Resp: 7

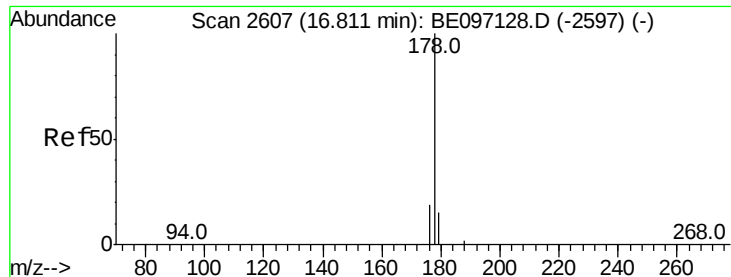
Ion Ratio Lower Upper

266 100

264 71.4 47.9 71.9

268 71.4 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: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampleId :

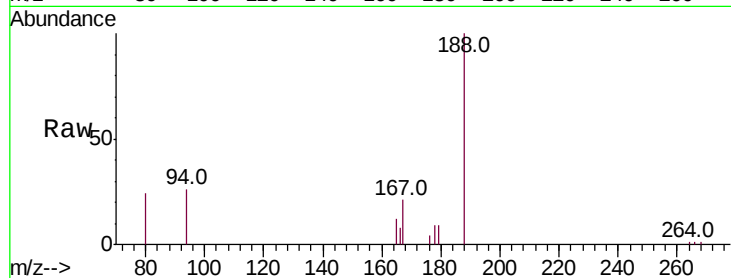
Tot Ion:178 Resp: 467

Ion Ratio Lower Upper

178 100

179 96.9 18.4 27.6#

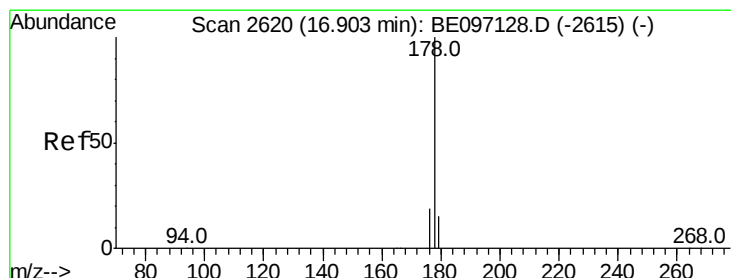
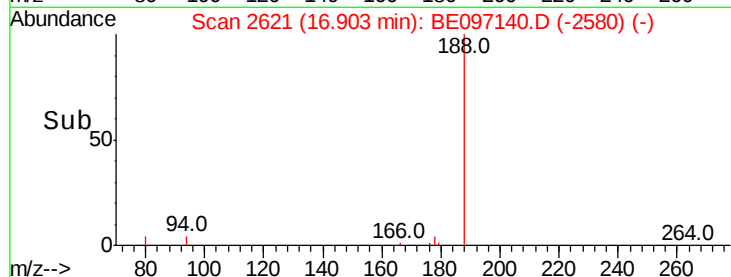
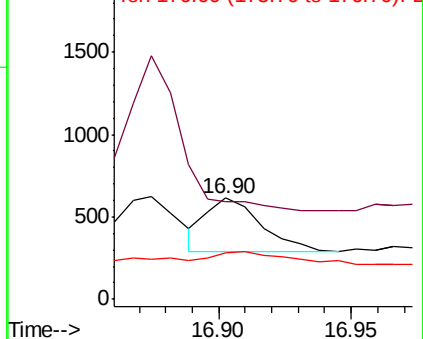
176 46.4 13.6 20.4#



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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.04 min Scan# 2640

Delta R.T. 0.13 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

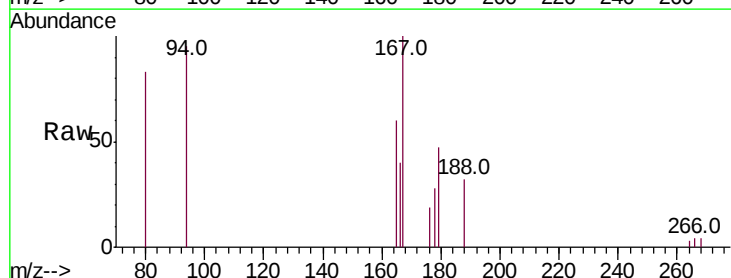
Tgt Ion:178 Resp: 262

Ion Ratio Lower Upper

178 100

179 165.5 18.1 27.1#

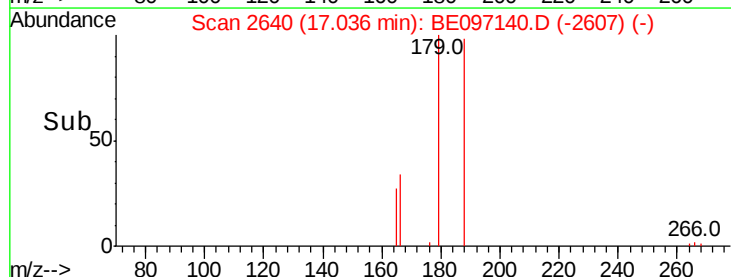
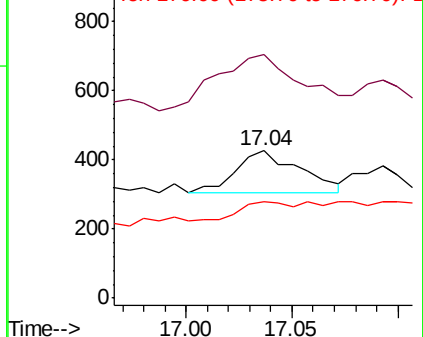
176 66.0 14.7 22.1#

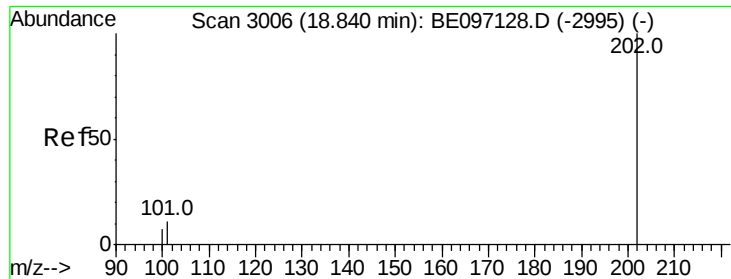


Abundance Ion 178.00 (177.70 to 178.70): E

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# 3039

Delta R.T. 0.11 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampleId :

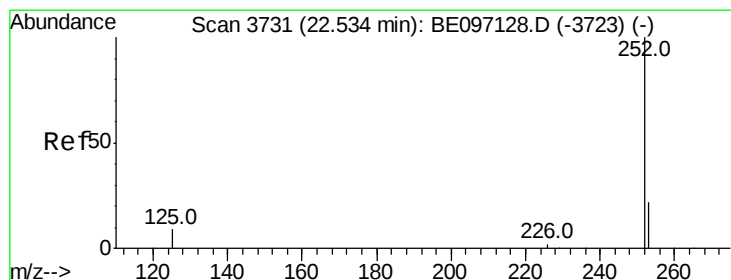
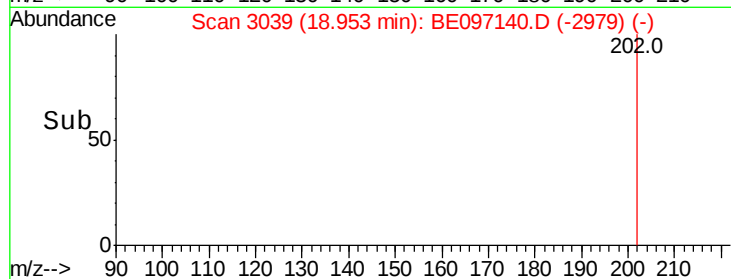
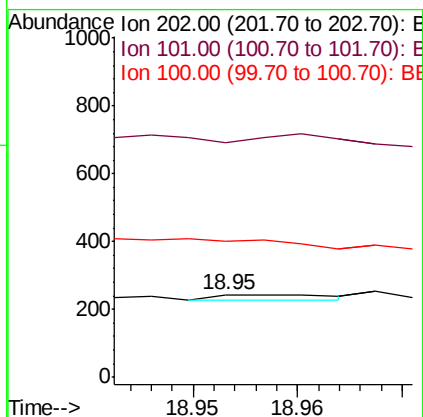
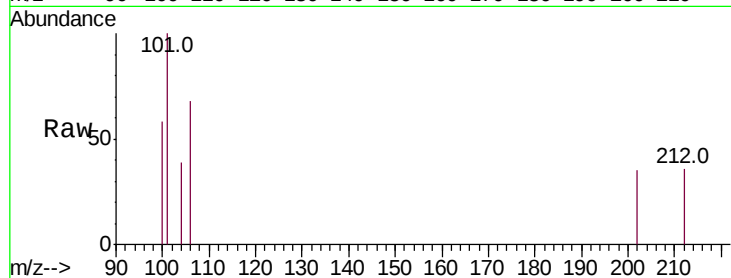
Tot Ion:202 Resp: 11

Ion Ratio Lower Upper

202 100

101 283.2 0.0 30.3#

100 164.8 0.0 39.5#



#21

Benzo(b)fluoranthene

Concen: 0.003 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

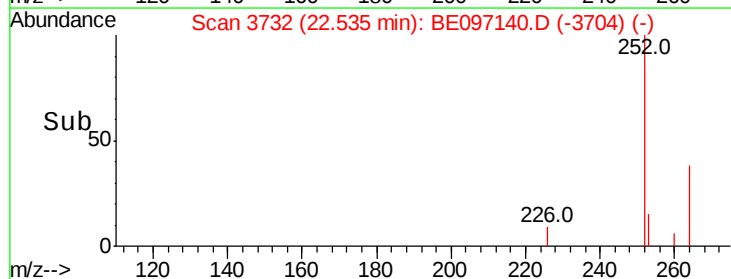
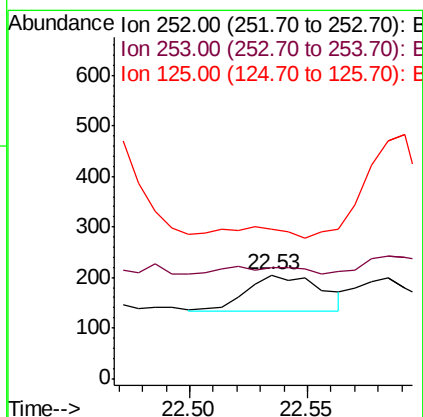
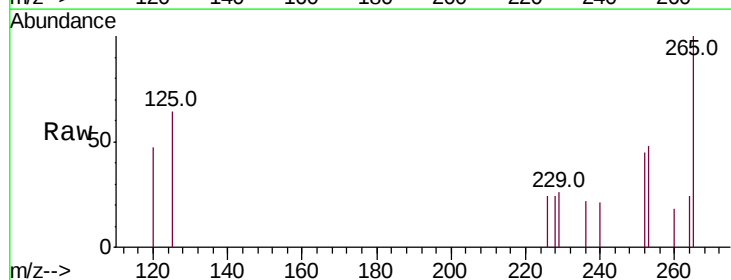
Tgt Ion:252 Resp: 162

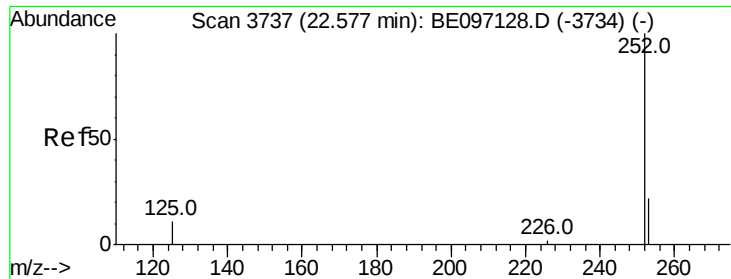
Ion Ratio Lower Upper

252 100

253 107.3 0.0 64.2#

125 144.4 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampleId :

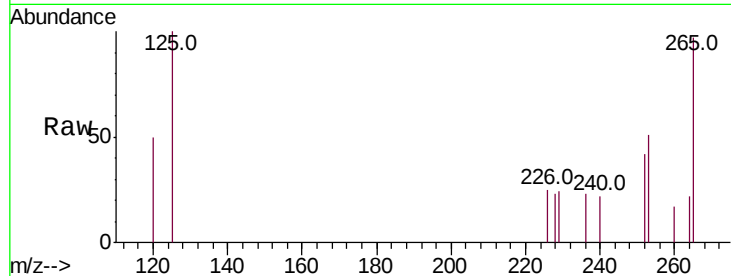
Tot Ion:252 Resp: 133

Ion Ratio Lower Upper

252 100

253 121.6 24.5 36.7#

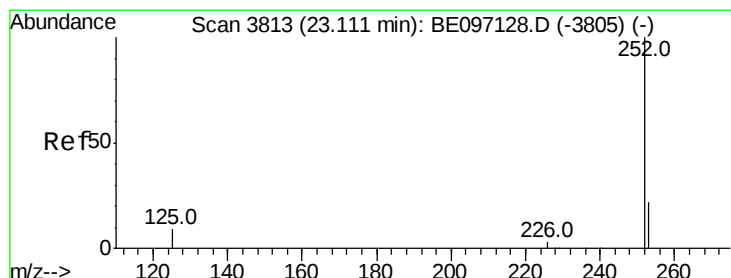
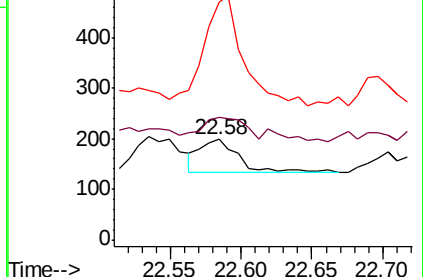
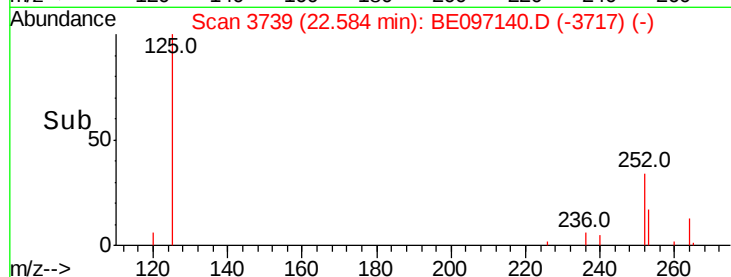
125 236.2 13.7 20.5#



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: 0.079 ng/ul

RT: 23.07 min Scan# 3808

Delta R.T. -0.04 min

Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

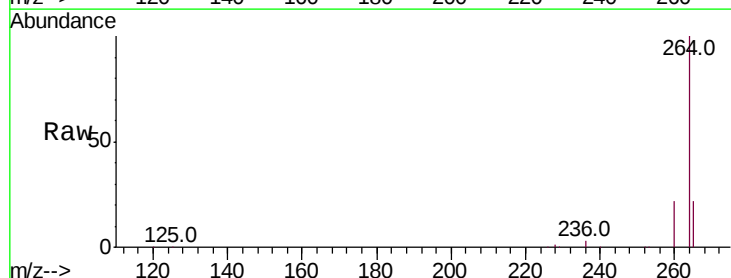
Tgt Ion:252 Resp: 4549

Ion Ratio Lower Upper

252 100

253 33.9 28.5 42.7

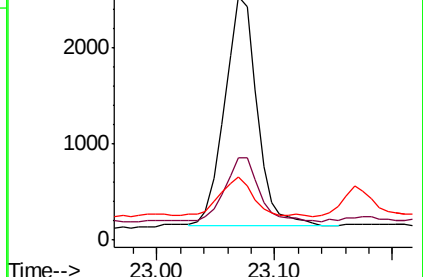
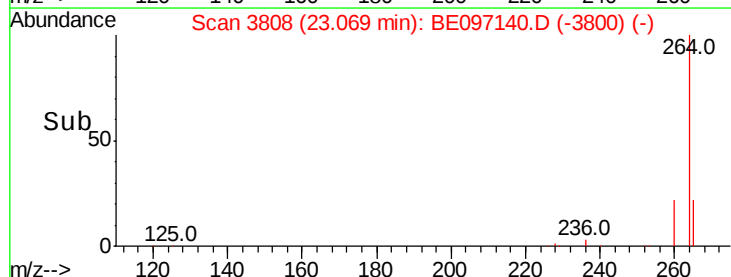
125 25.7 18.1 27.1

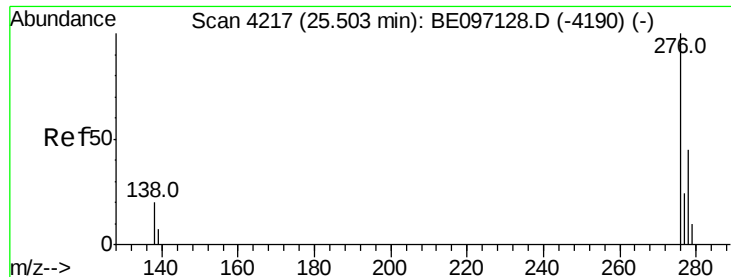


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



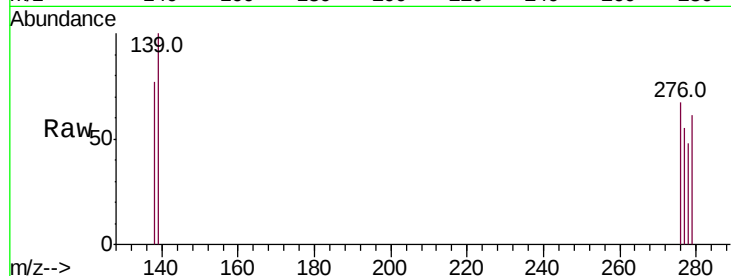


#24

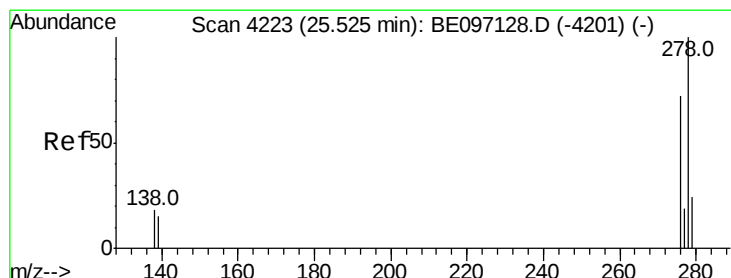
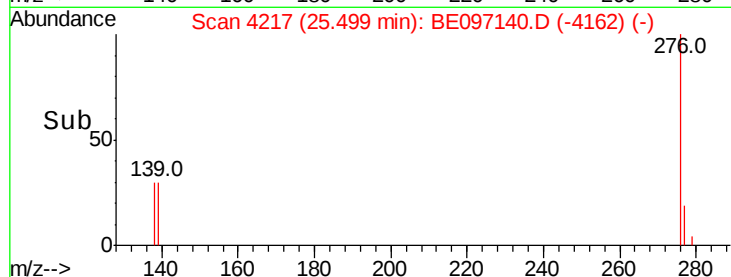
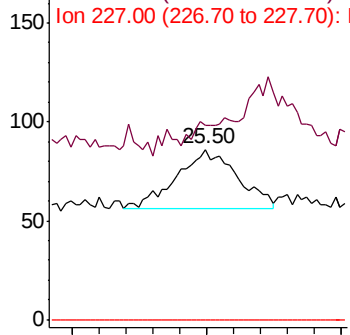
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE097140.D
Acq: 1 Aug 2018 21:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 94
Ion Ratio Lower Upper
276 100
138 13.8 28.0 42.0#
227 0.0 8.0 12.0#



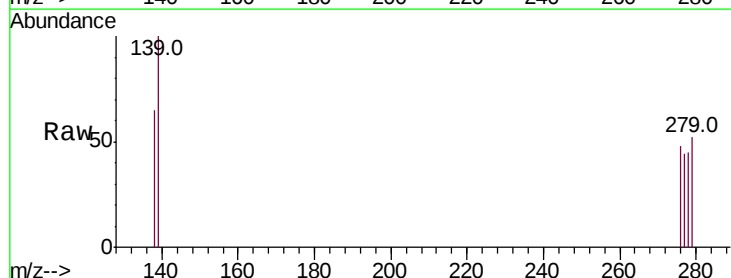
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



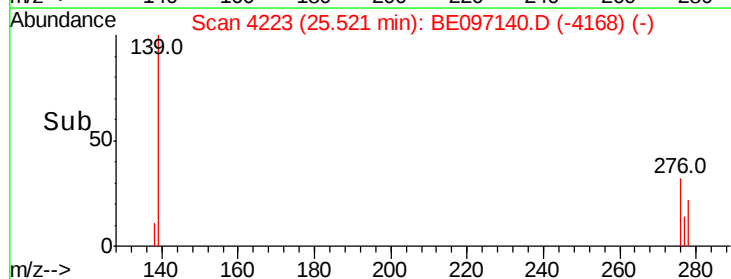
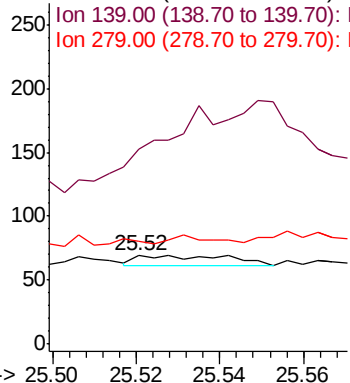
#25

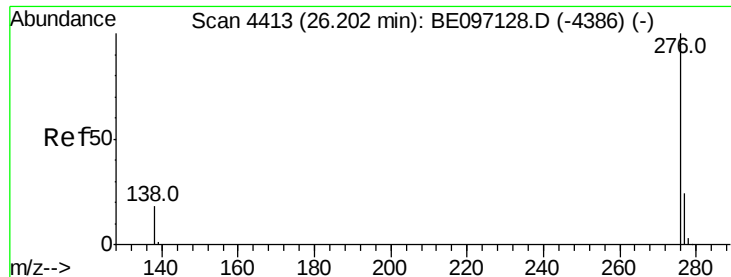
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BE097140.D
Acq: 1 Aug 2018 21:54

Tgt Ion:278 Resp: 12
Ion Ratio Lower Upper
278 100
139 221.7 17.4 26.0#
279 115.9 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(a,h,i)perylene

Concen: 0.001 ng/ul

RT: 26.19 min Scan# 4412

Delta R.T. -0.01 min

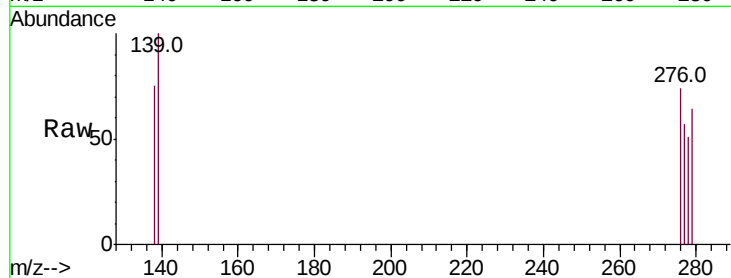
Lab File: BE097140.D

Acq: 1 Aug 2018 21:54

Instrument :

BNA_E

ClientSampleId :



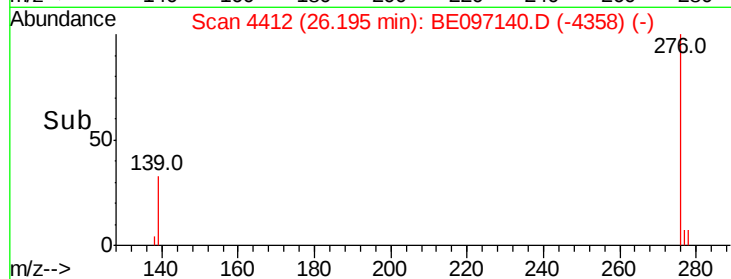
Tot Ion:276 Resp: 93

Ion Ratio Lower Upper

276 100

138 101.1 21.8 32.8#

277 76.4 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

26.19

