

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
 Data File : BE097250.D
 Acq On : 9 Aug 2018 14:36
 Operator : SJ/JU
 Sample : J4268-02DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 16:05:13 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 08 23:25:58 2018
 Response via : Initial Calibration

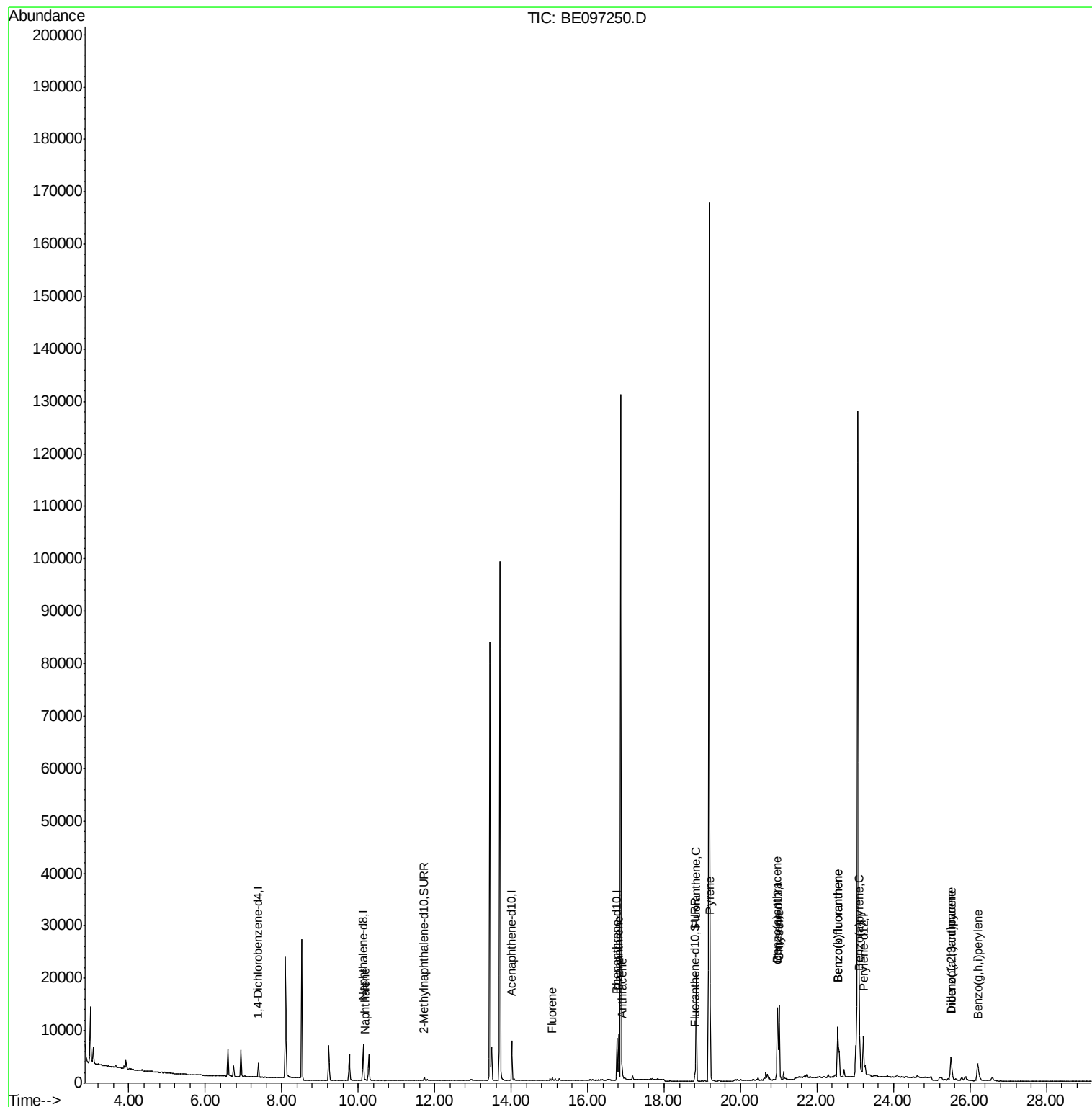
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1314	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7037	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4085	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9414	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9521	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10857	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	775	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1929	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	390	0.023	ng/ul#	71
9) Fluorene	15.08	166	319	0.022	ng/ul#	92
12) Phenanthrene	16.81	178	8815	0.367	ng/ul#	89
13) Anthracene	16.90	178	1145	0.051	ng/ul#	95
15) Fluoranthene	18.84	202	22970	0.724	ng/ul	84
17) Pyrene	19.20	202	21985	0.862	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	9237	0.340	ng/ul#	85
19) Chrysene	21.01	228	12653	0.451	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	21700	0.733	ng/ul	85
22) Benzo(k)fluoranthene	22.54	252	21700	0.680	ng/ul#	87
23) Benzo(a)pyrene	23.11	252	11064	0.374	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	8197	0.221	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	1838	0.061	ng/ul#	92
26) Benzo(g,h,i)perylene	26.21	276	8268	0.258	ng/ul#	93

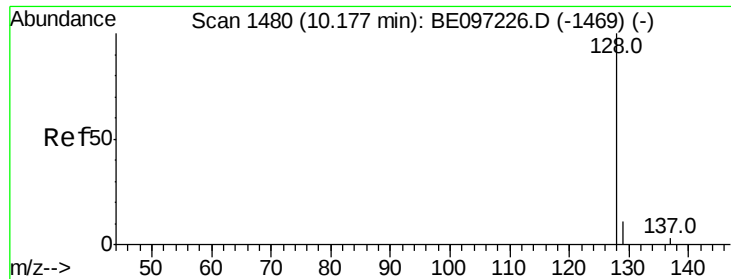
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

Instrument :

BNA_E

ClientSampleId :

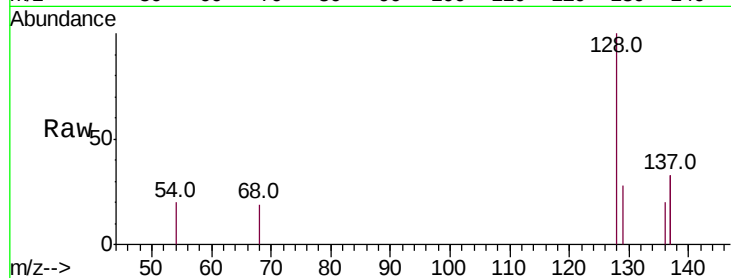
Tot Ion:128 Resp: 390

Ion Ratio Lower Upper

128 100

129 27.9 11.3 16.9#

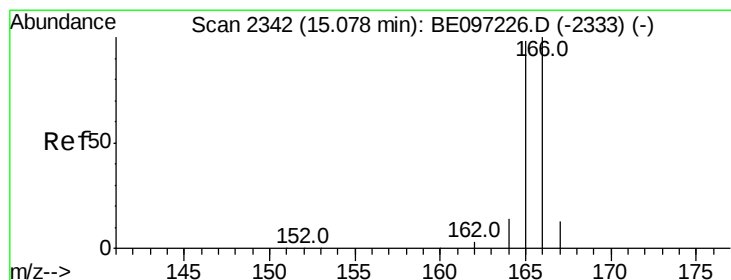
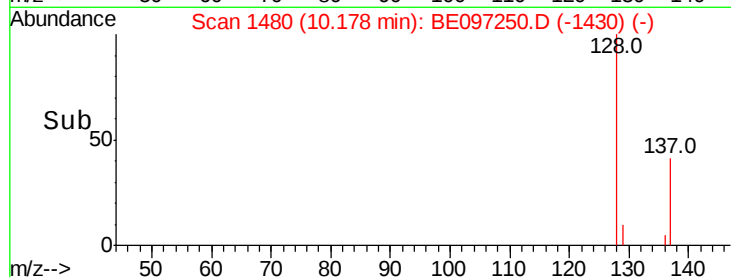
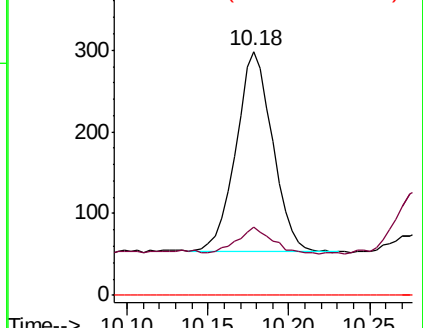
127 0.0 4.0 6.0#



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



#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

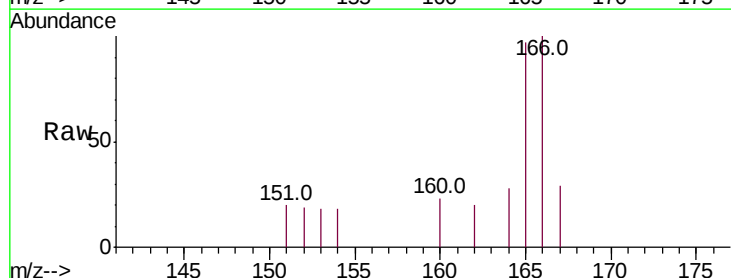
Tgt Ion:166 Resp: 319

Ion Ratio Lower Upper

166 100

165 96.6 73.4 110.2

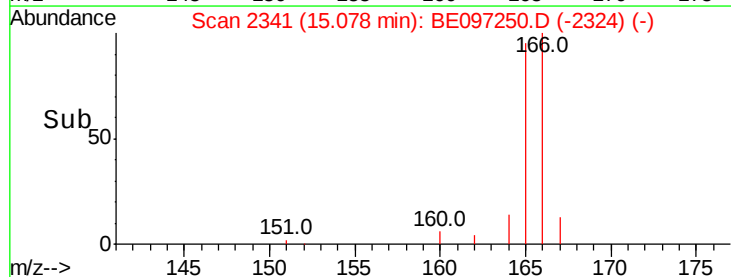
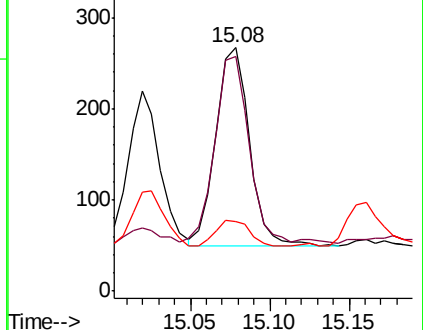
167 28.8 14.6 22.0#

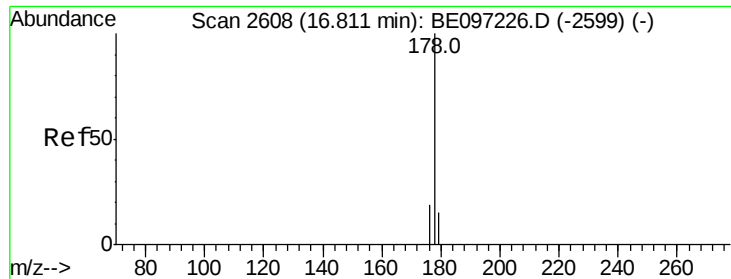


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.367 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

Instrument :

BNA_E

ClientSampleId :

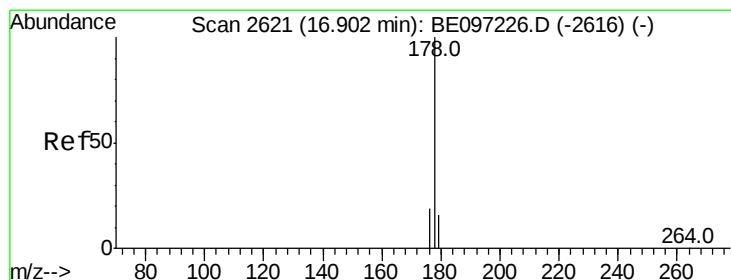
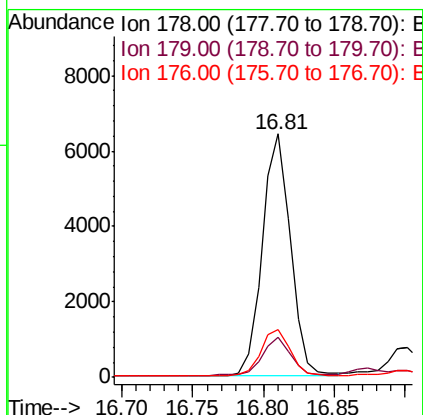
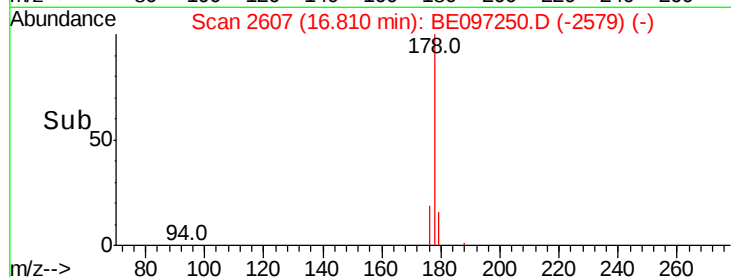
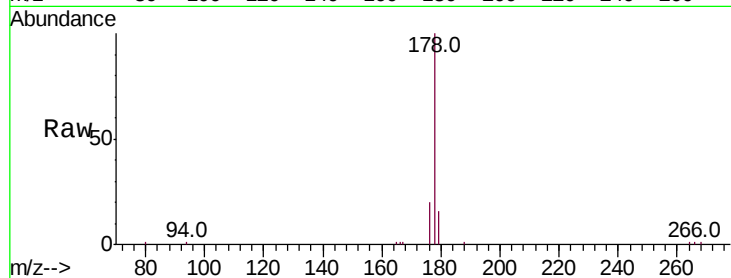
Tot Ion:178 Resp: 8815

Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.051 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

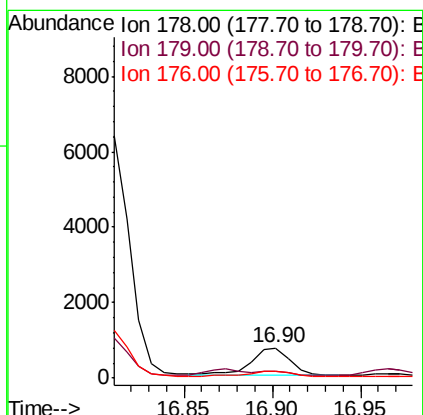
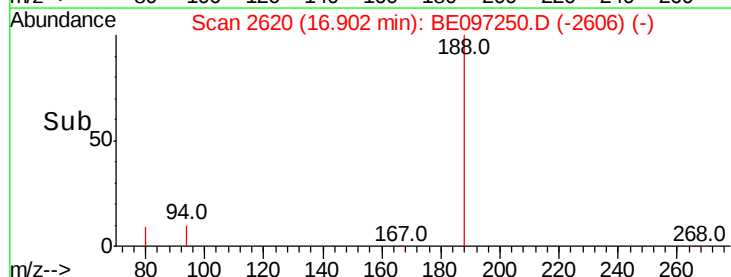
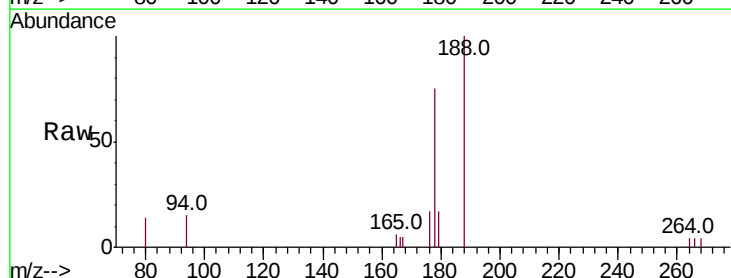
Tgt Ion:178 Resp: 1145

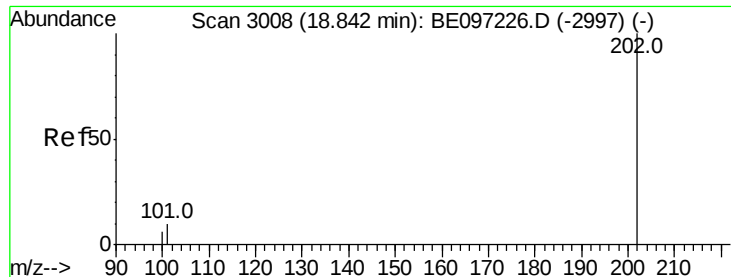
Ion Ratio Lower Upper

178 100

179 22.8 18.1 27.1

176 23.3 14.7 22.1#





#15

Fluoranthene

Concen: 0.724 ng/ul

RT: 18.84 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

Instrument :

BNA_E

ClientSampleId :

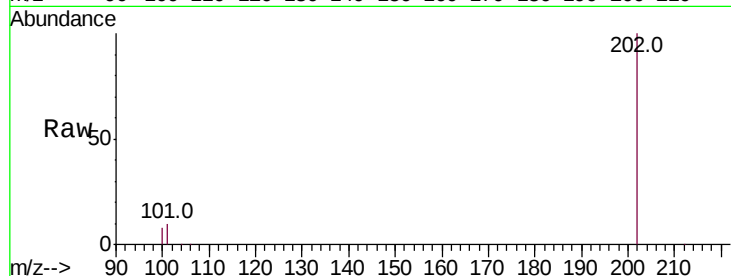
Tot Ion:202 Resp: 22970

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

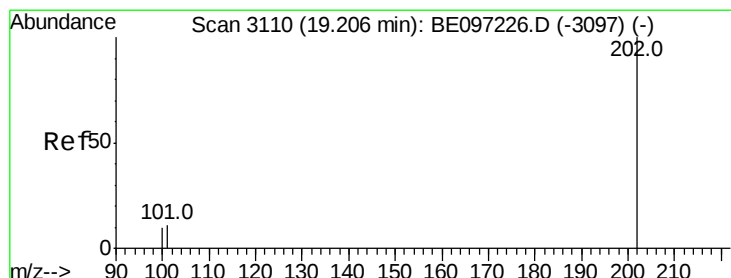
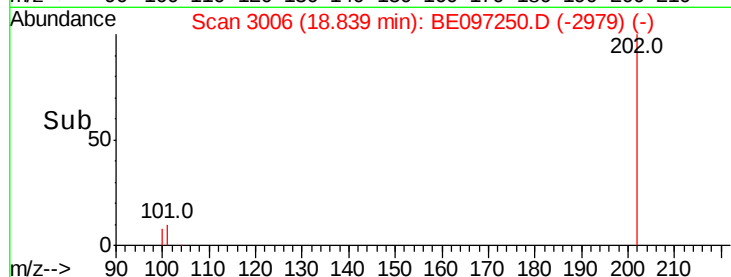
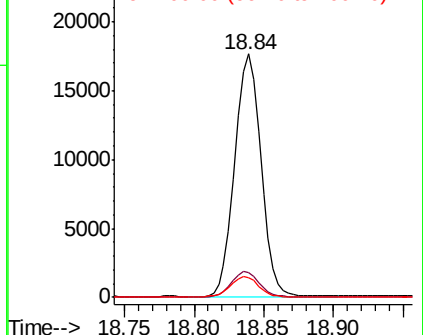
100 8.1 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.862 ng/ul

RT: 19.20 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

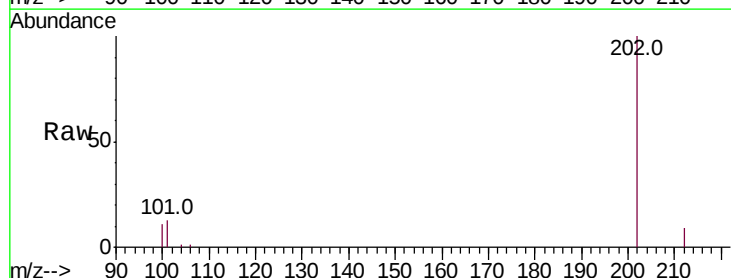
Tgt Ion:202 Resp: 21985

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

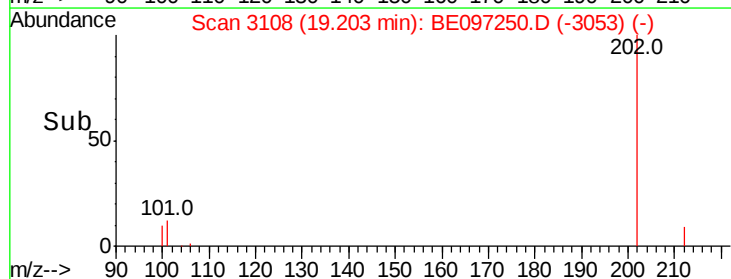
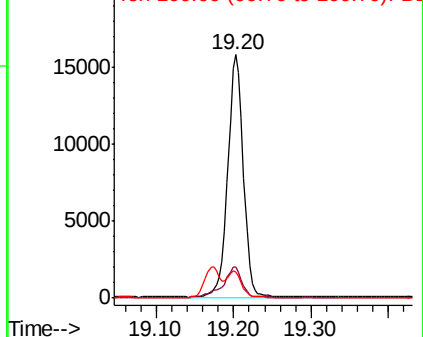
100 10.7 15.6 23.4#

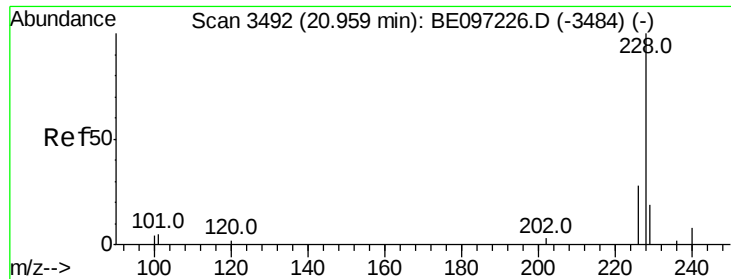


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.340 ng/ul

RT: 20.96 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

Instrument :

BNA_E

ClientSampleId :

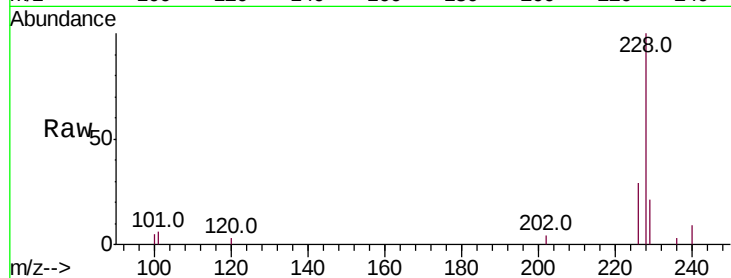
Tot Ion:228 Resp: 9237

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

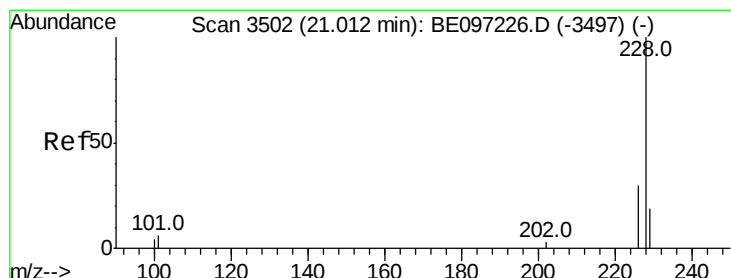
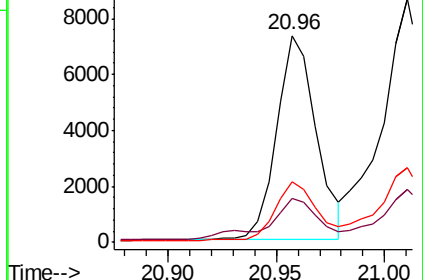
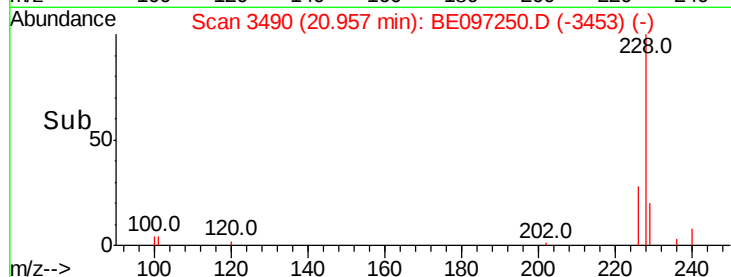
226 29.3 17.0 25.6#



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: 0.451 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

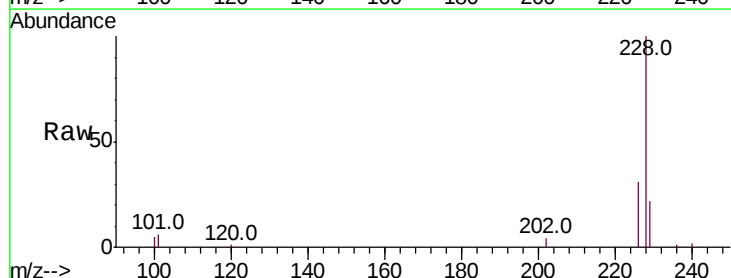
Tgt Ion:228 Resp: 12653

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

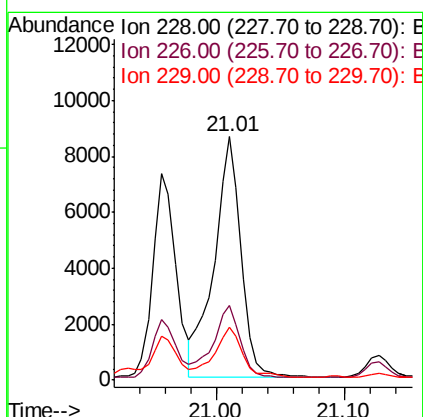
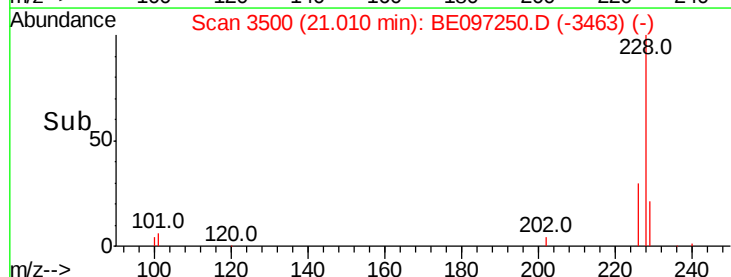
229 21.6 17.7 26.5

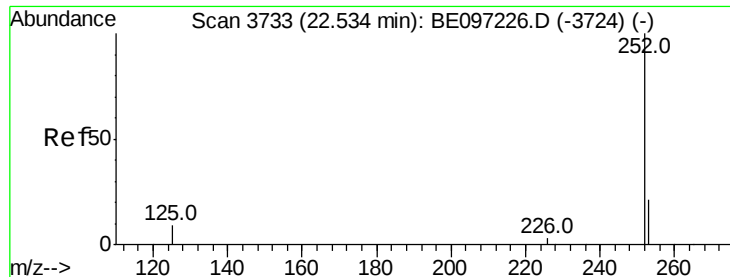


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.733 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

Instrument :

BNA_E

ClientSampled :

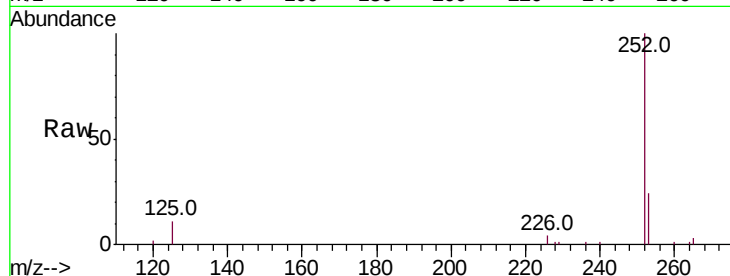
Tot Ion:252 Resp: 21700

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

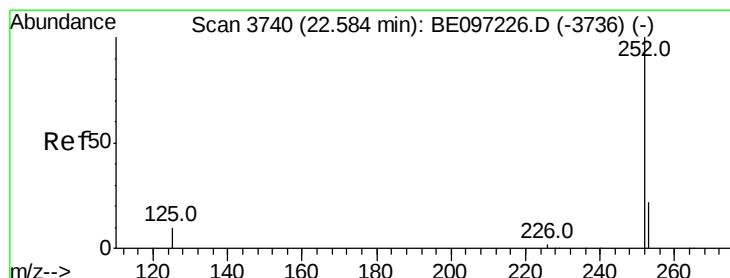
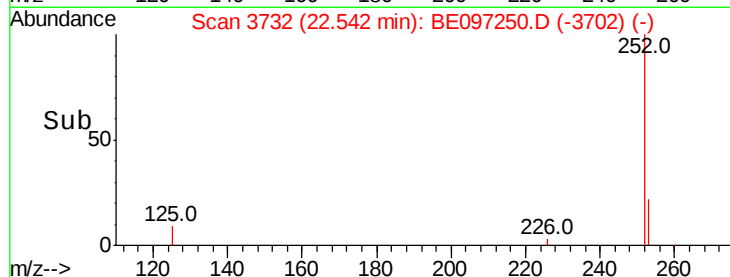
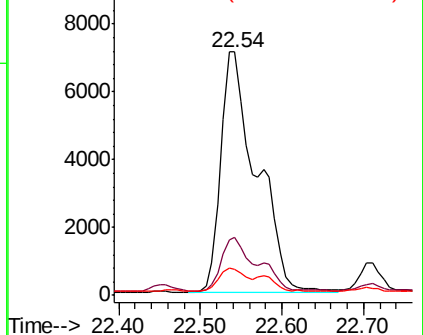
125 10.6 0.0 35.0



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: 0.680 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

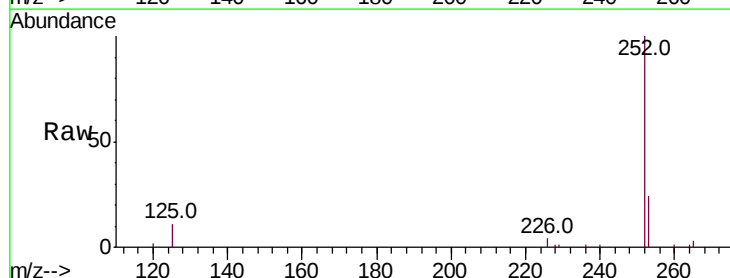
Tgt Ion:252 Resp: 21700

Ion Ratio Lower Upper

252 100

253 23.8 24.5 36.7#

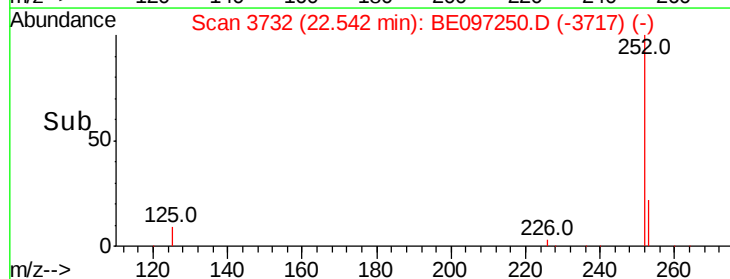
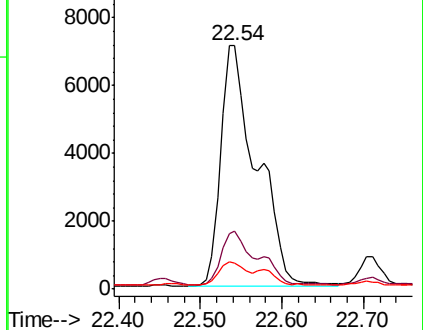
125 10.6 13.7 20.5#

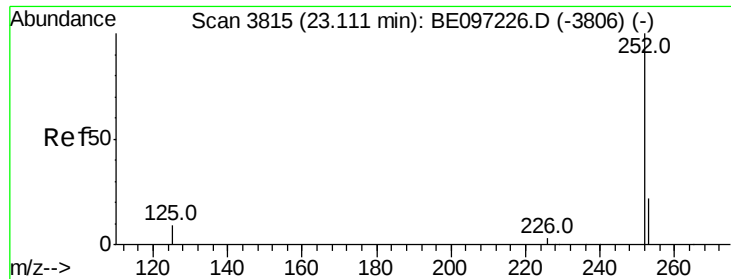


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.374 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

Instrument :

BNA_E

ClientSampleId :

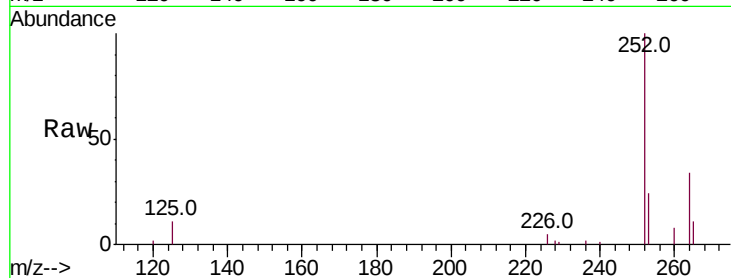
Tot Ion:252 Resp: 11064

Ion Ratio Lower Upper

252 100

253 23.9 28.5 42.7#

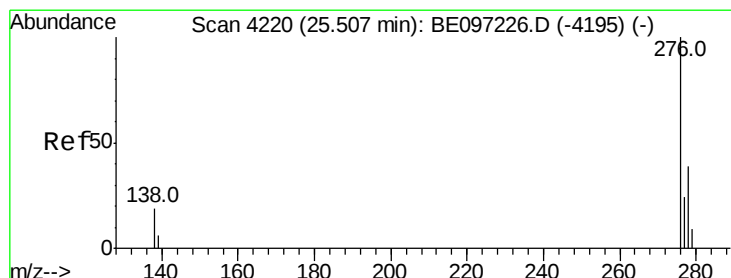
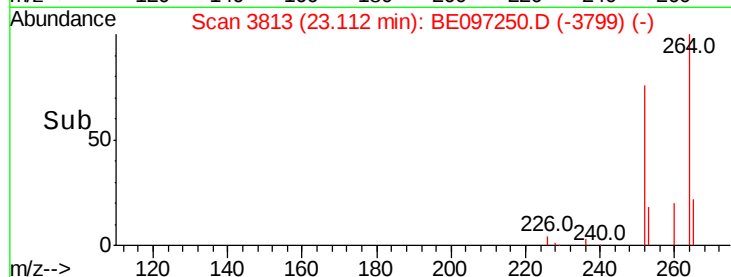
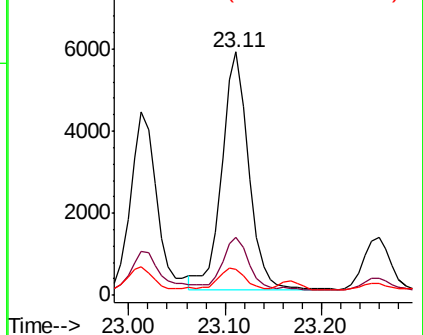
125 10.7 18.1 27.1#



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: 0.221 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. -0.00 min

Lab File: BE097250.D

Acq: 9 Aug 2018 14:36

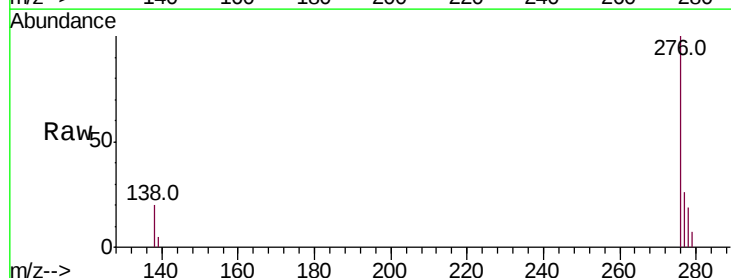
Tgt Ion:276 Resp: 8197

Ion Ratio Lower Upper

276 100

138 17.4 28.0 42.0#

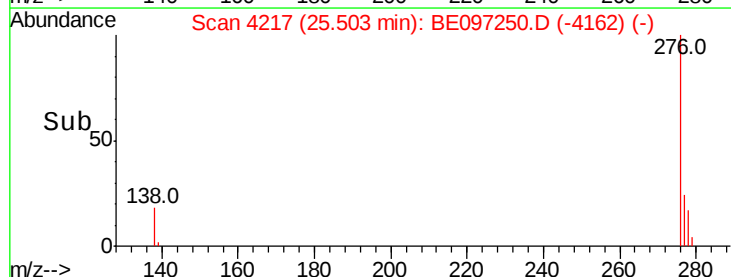
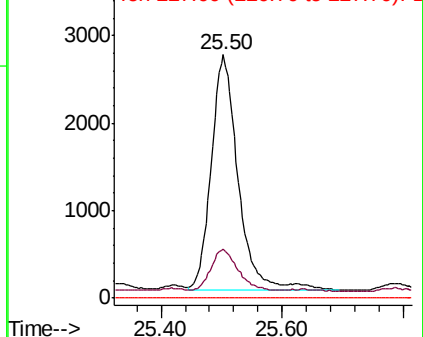
227 0.0 8.0 12.0#

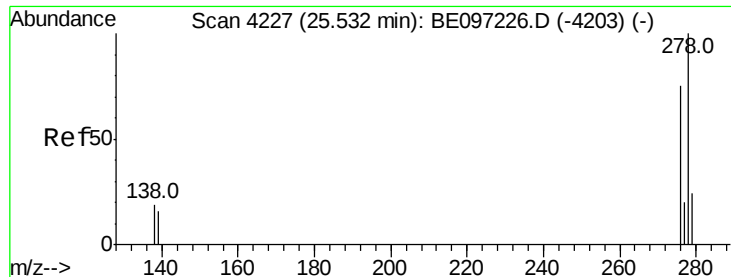


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

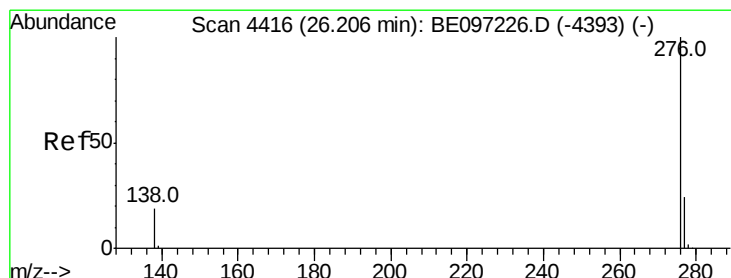
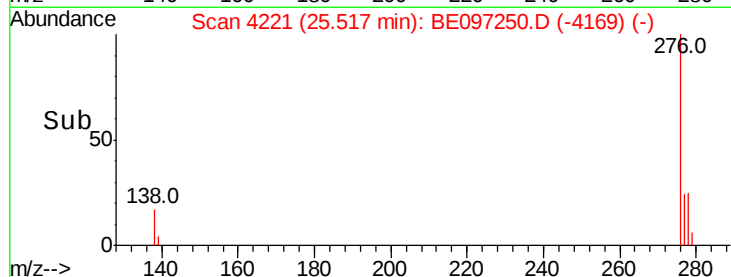
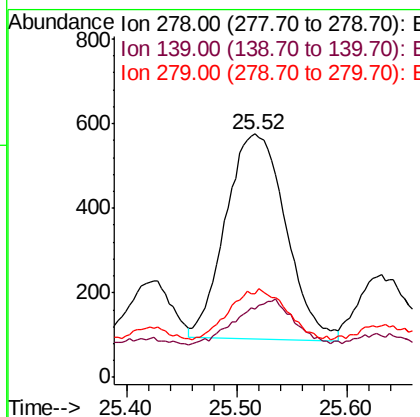
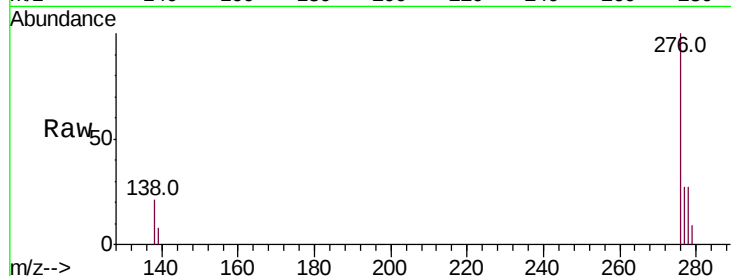




#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.52 min Scan# 4221
Delta R.T. -0.02 min
Lab File: BE097250.D
Acq: 9 Aug 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1838
Ion Ratio Lower Upper
278 100
139 28.1 17.4 26.0#
279 34.5 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE097250.D
Acq: 9 Aug 2018 14:36

Tgt Ion:276 Resp: 8268
Ion Ratio Lower Upper
276 100
138 20.8 21.8 32.8#
277 25.8 20.5 30.7

