

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
 Data File : BE097251.D
 Acq On : 9 Aug 2018 15:15
 Operator : SJ/JU
 Sample : J4268-03DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 16:05:19 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

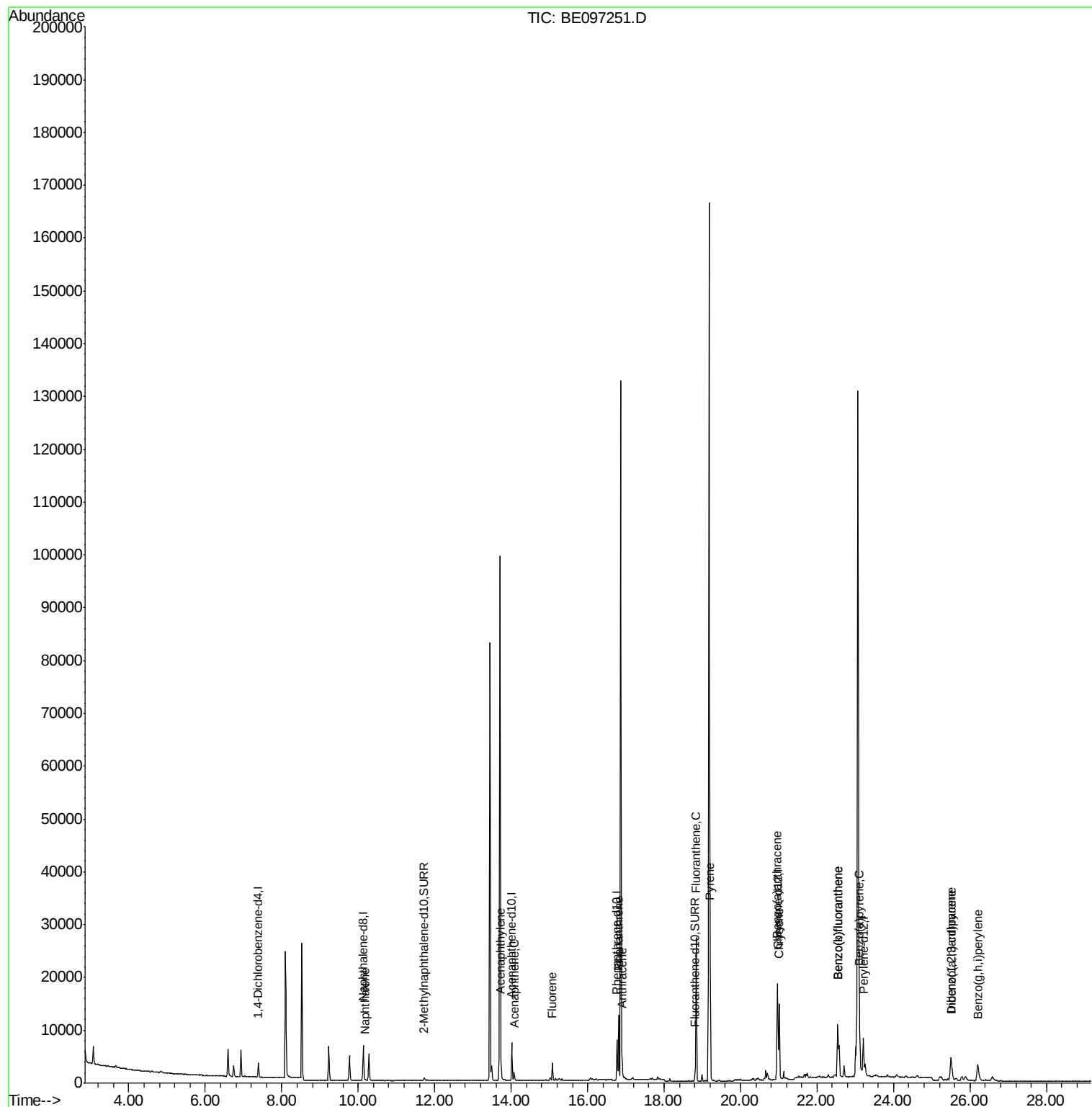
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1272	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3989	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9190	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9078	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	744	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1927	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	414	0.025	ng/ul#	73
7) Acenaphthylene	13.73	152	2201	0.128	ng/ul	97
8) Acenaphthene	14.08	153	857	0.069	ng/ul#	93
9) Fluorene	15.08	166	1994	0.139	ng/ul	93
12) Phenanthrene	16.81	178	12561	0.536	ng/ul#	89
13) Anthracene	16.90	178	3014	0.138	ng/ul#	93
15) Fluoranthene	18.84	202	30203	0.975	ng/ul	84
17) Pyrene	19.20	202	25530	1.050	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	12943	0.499	ng/ul#	84
19) Chrysene	21.01	228	13408	0.502	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	23410	0.806	ng/ul	84
22) Benzo(k)fluoranthene	22.54	252	23410	0.748	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	12462	0.429	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	8189	0.225	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.52	278	2084	0.070	ng/ul#	93
26) Benzo(a,h,i)perylene	26.20	276	7895	0.251	ng/ul#	93

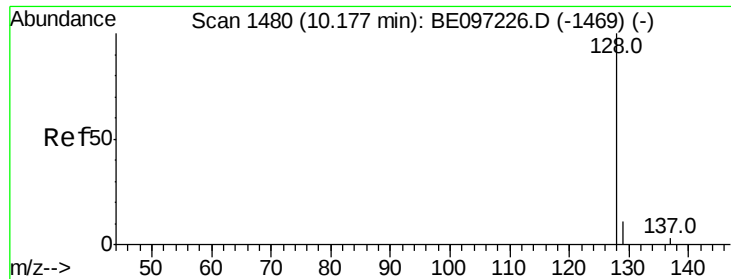
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

Instrument :

BNA_E

ClientSampleId :

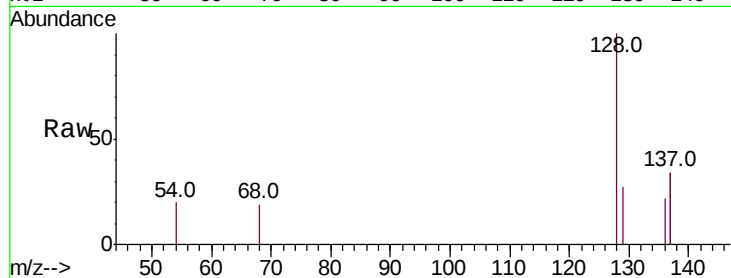
Tot Ion:128 Resp: 414

Ion Ratio Lower Upper

128 100

129 26.6 11.3 16.9#

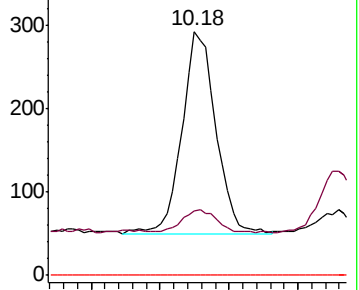
127 0.0 4.0 6.0#



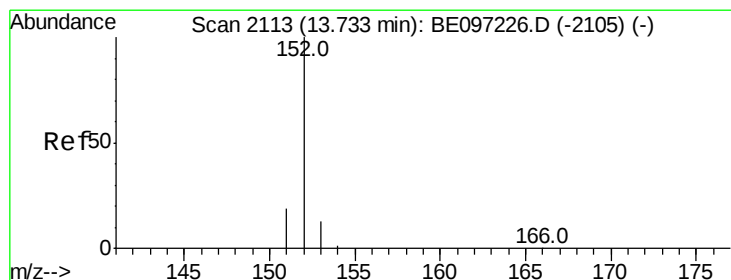
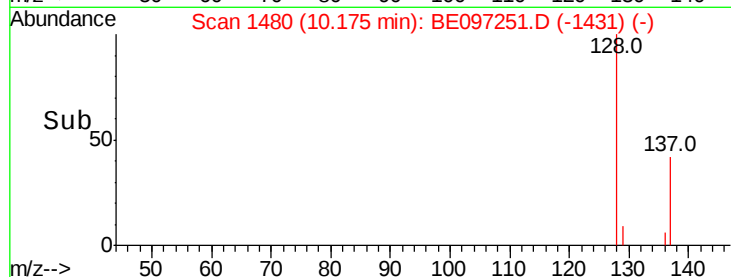
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

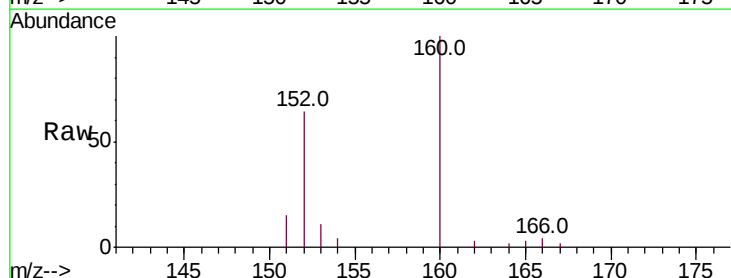
Tgt Ion:152 Resp: 2201

Ion Ratio Lower Upper

152 100

151 23.1 17.1 25.7

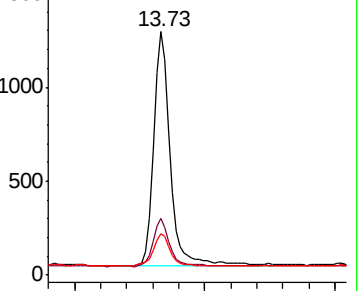
153 17.1 12.8 19.2



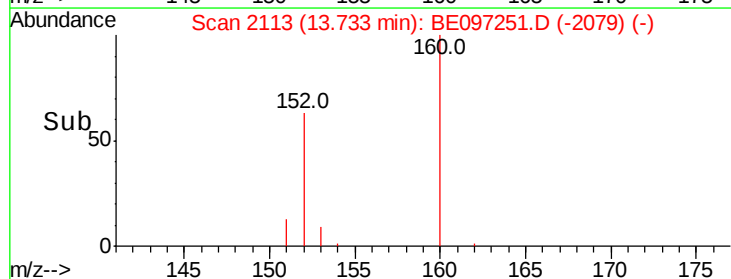
Abundance Ion 152.00 (151.70 to 152.70): E

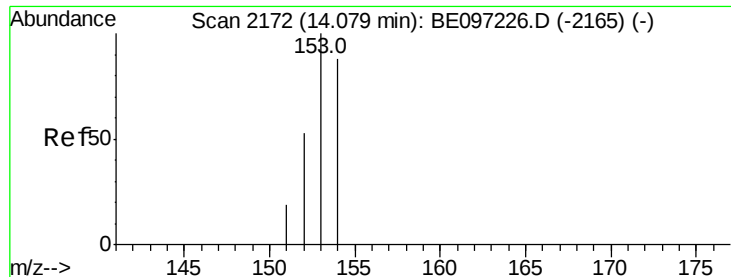
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





#8

Acenaphthene

Concen: 0.069 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

Instrument :

BNA_E

ClientSampleId :

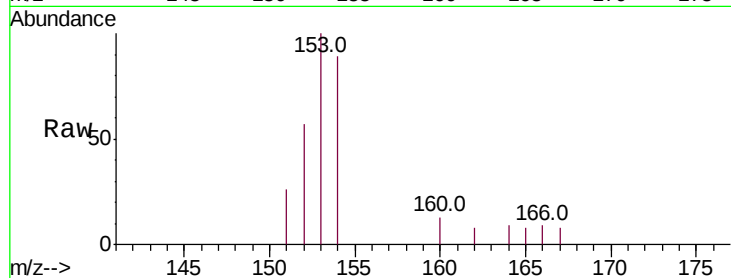
Tot Ion:153 Resp: 857

Ion Ratio Lower Upper

153 100

152 57.4 36.0 54.0#

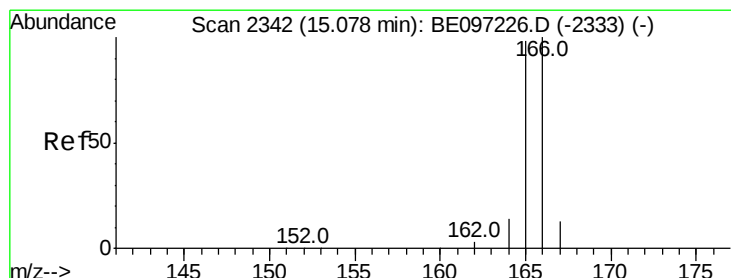
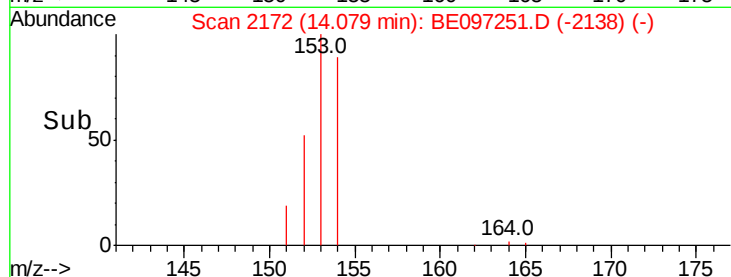
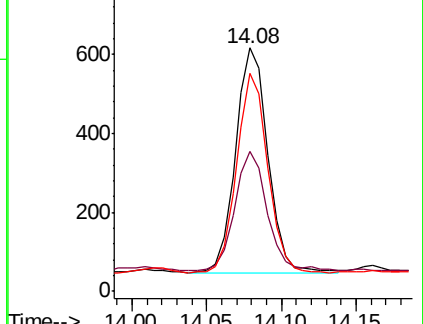
154 89.5 72.0 108.0



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: 0.139 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

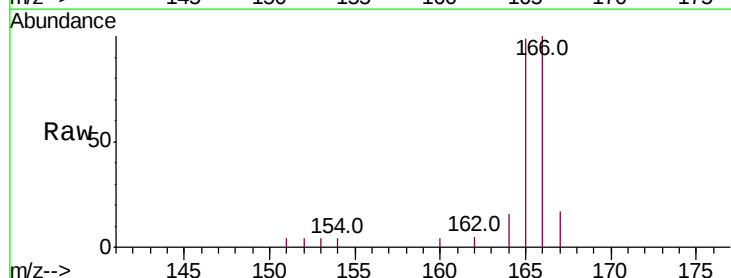
Tgt Ion:166 Resp: 1994

Ion Ratio Lower Upper

166 100

165 99.2 73.4 110.2

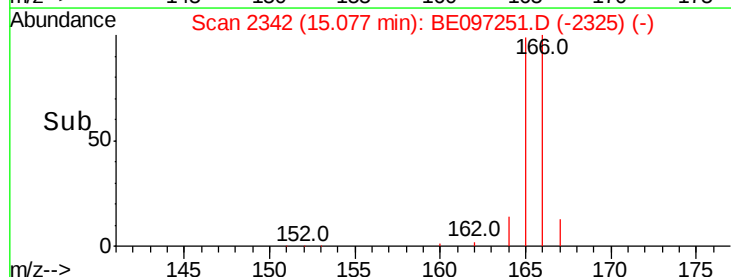
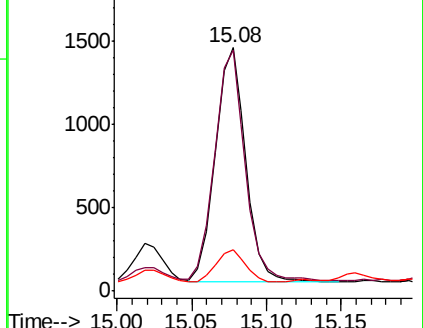
167 17.1 14.6 22.0

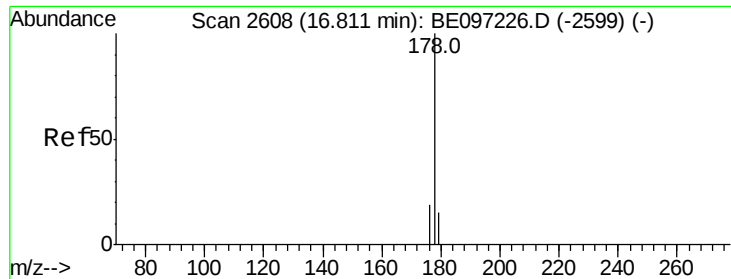


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.536 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

Instrument :

BNA_E

ClientSampleId :

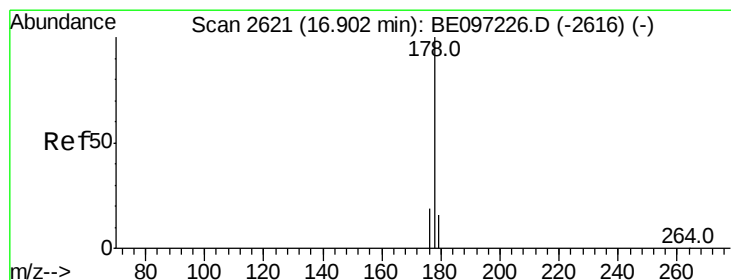
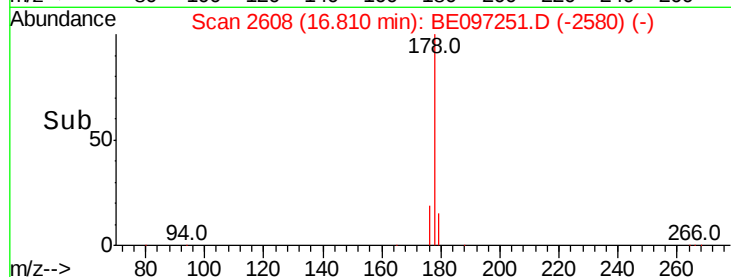
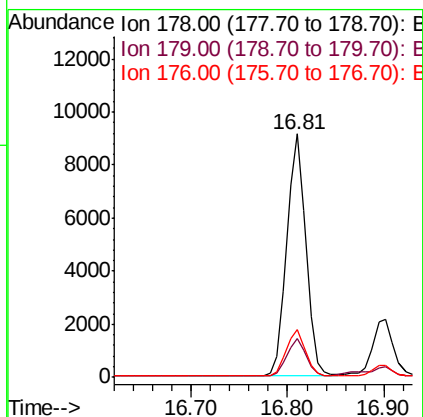
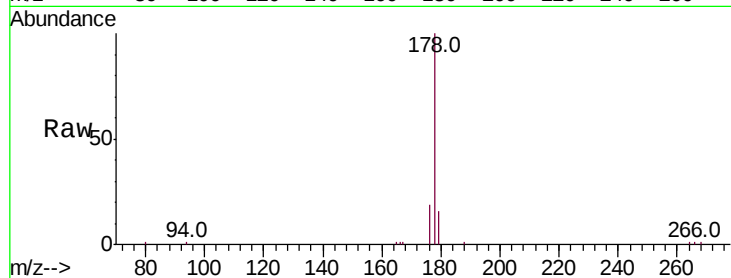
Tot Ion:178 Resp: 12561

Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

176 19.5 13.6 20.4



#13

Anthracene

Concen: 0.138 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

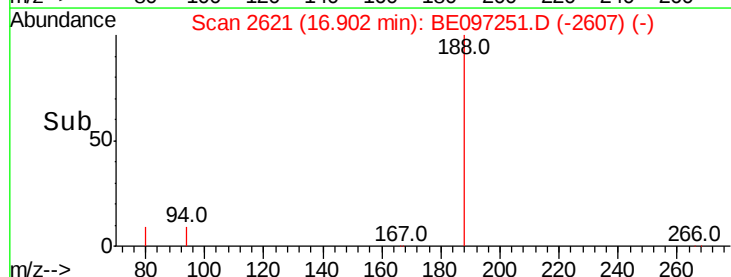
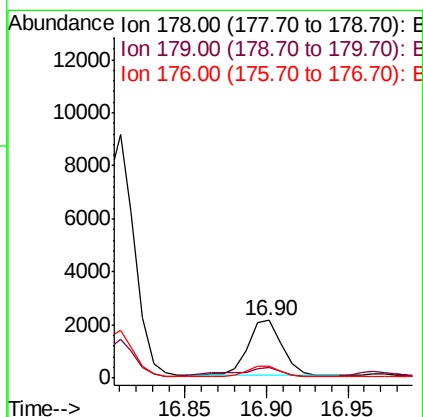
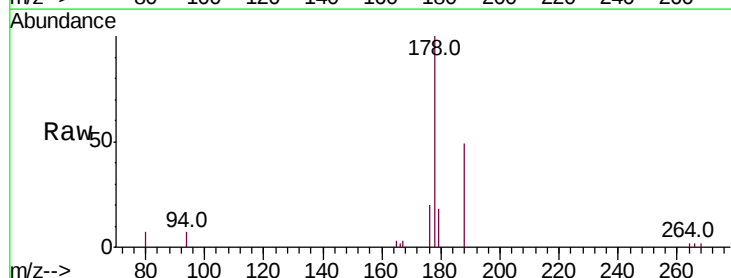
Tgt Ion:178 Resp: 3014

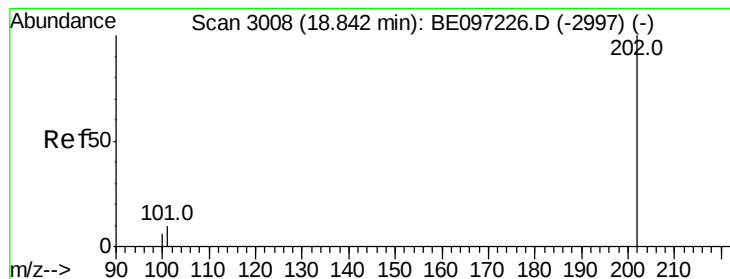
Ion Ratio Lower Upper

178 100

179 17.9 18.1 27.1#

176 20.4 14.7 22.1





#15

Fluoranthene

Concen: 0.975 ng/ul

RT: 18.84 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

Instrument :

BNA_E

ClientSampleId :

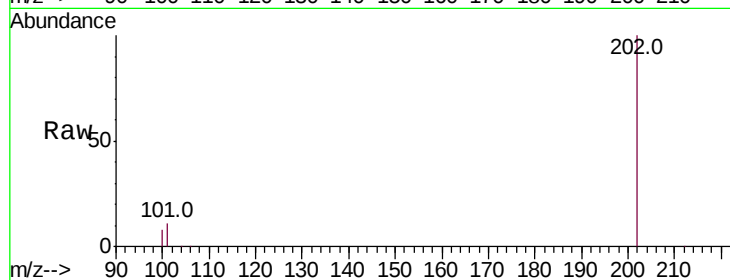
Tot Ion:202 Resp: 30203

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

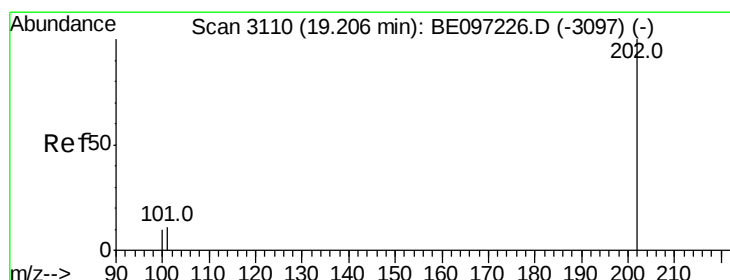
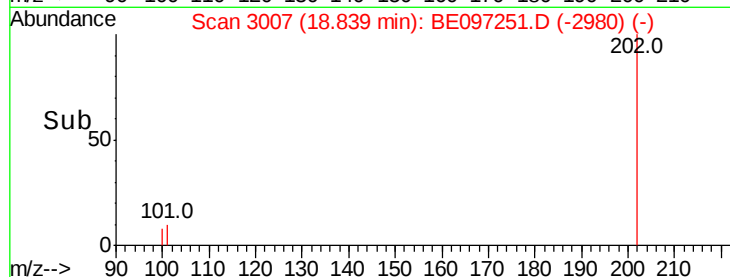
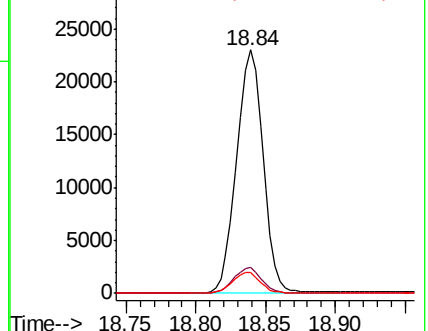
100 8.5 0.0 39.5



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): BE



#17

Pyrene

Concen: 1.050 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

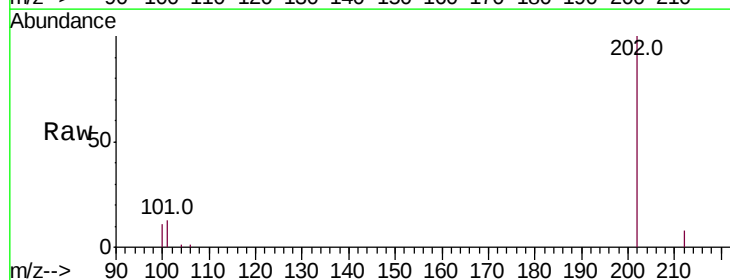
Tgt Ion:202 Resp: 25530

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

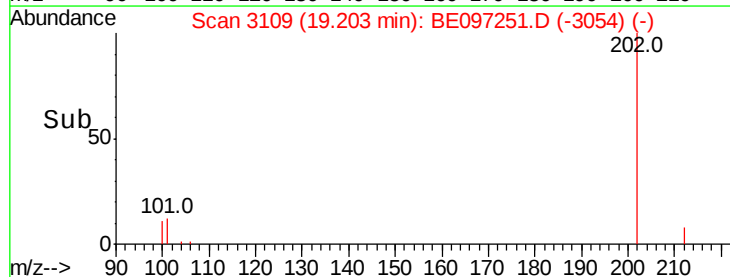
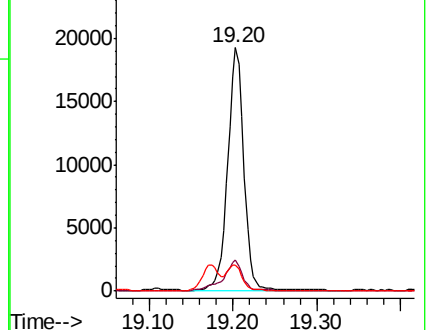
100 10.8 15.6 23.4#

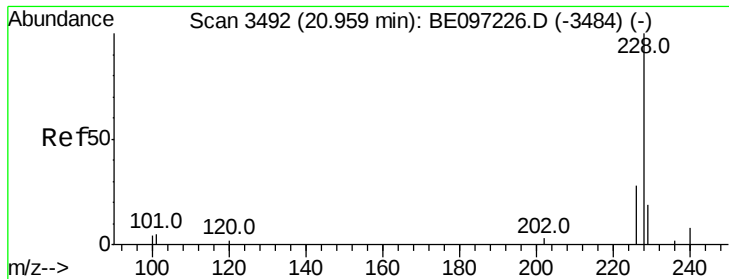


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

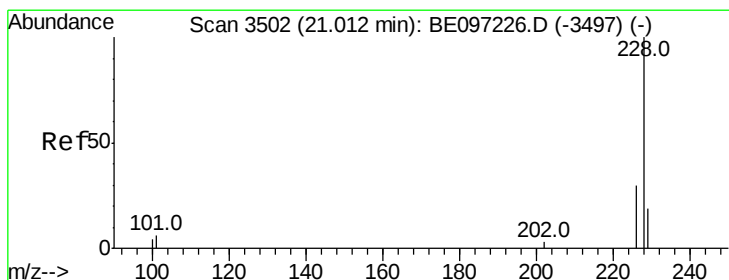
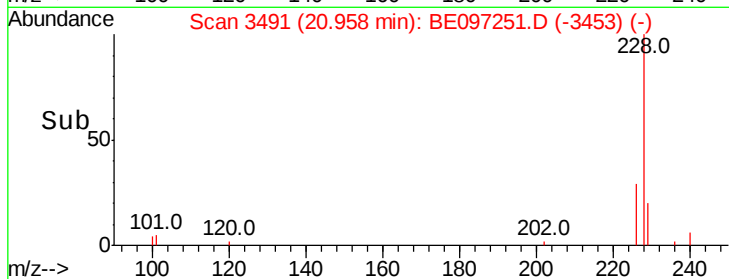
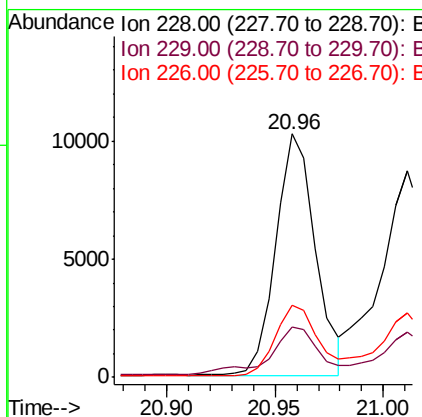
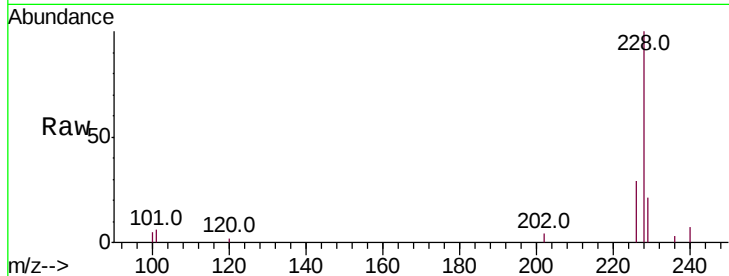




#18
Benzo(a)anthracene
Concen: 0.499 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097251.D
Acq: 9 Aug 2018 15:15

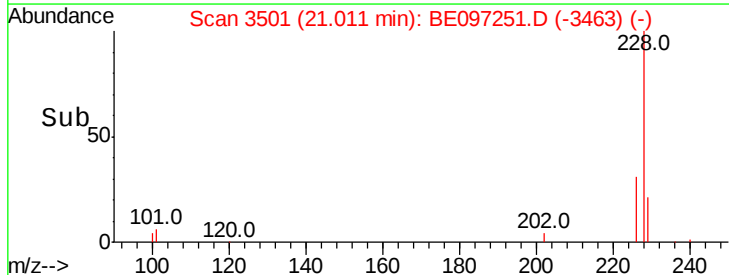
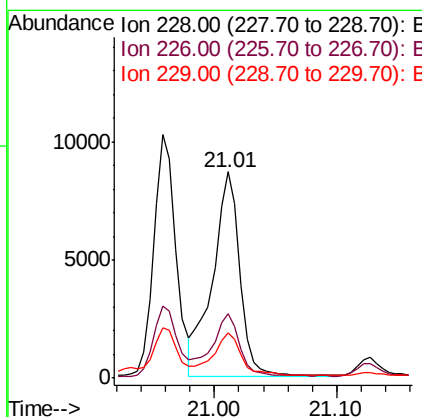
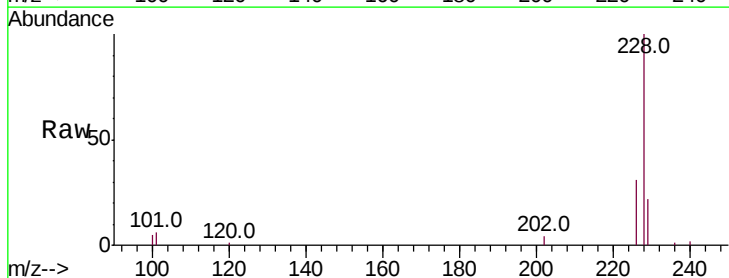
Instrument :
BNA_E
ClientSampleId :

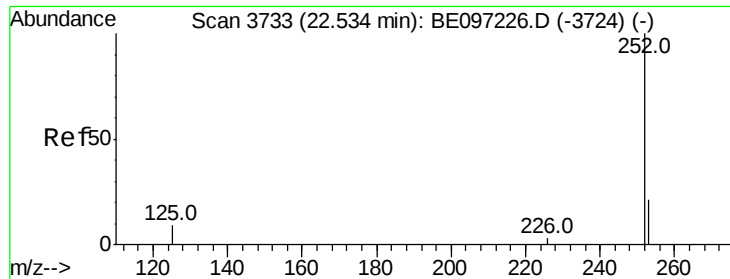
Tot Ion:228 Resp: 12943
Ion Ratio Lower Upper
228 100
229 20.7 22.8 34.2#
226 29.5 17.0 25.6#



#19
Chrysene
Concen: 0.502 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097251.D
Acq: 9 Aug 2018 15:15

Tgt Ion:228 Resp: 13408
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.0
229 21.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.806 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

Instrument :

BNA_E

ClientSampleId :

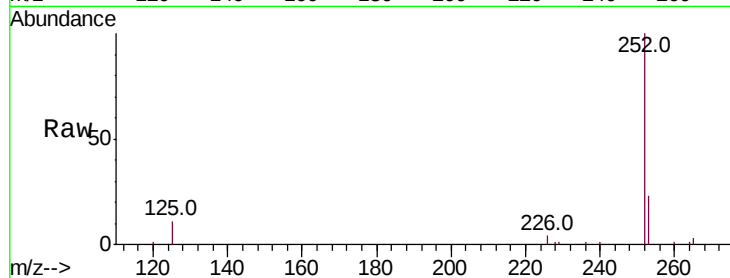
Tot Ion:252 Resp: 23410

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

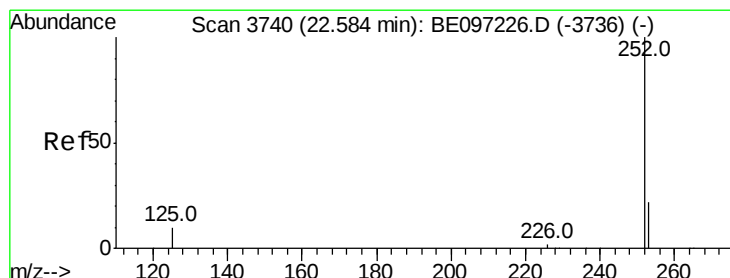
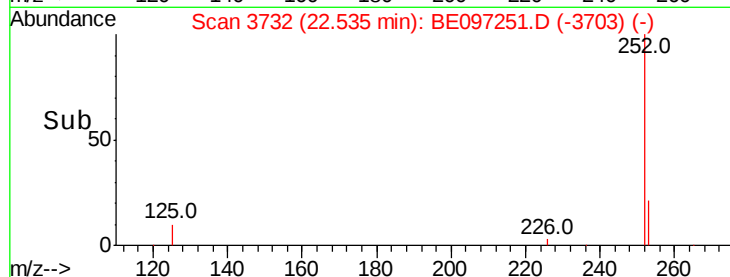
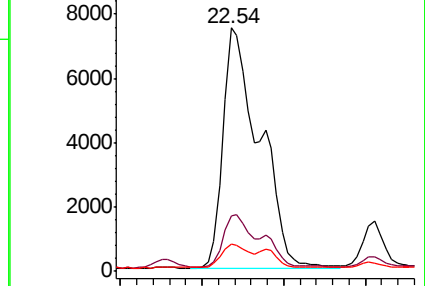
125 11.2 0.0 35.0



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: 0.748 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.05 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

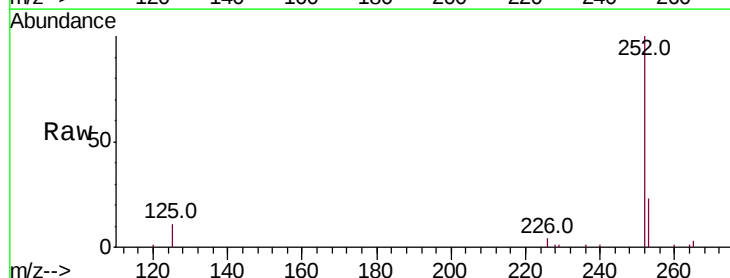
Tgt Ion:252 Resp: 23410

Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

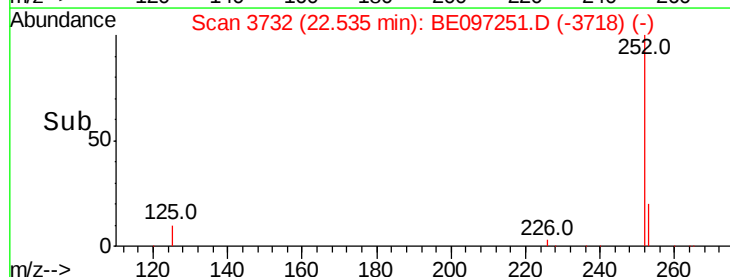
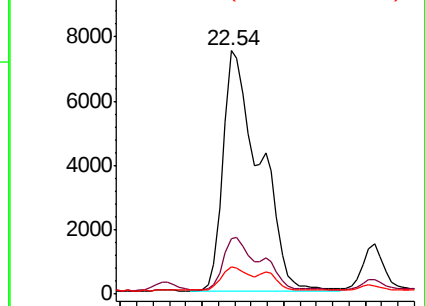
125 11.2 13.7 20.5#

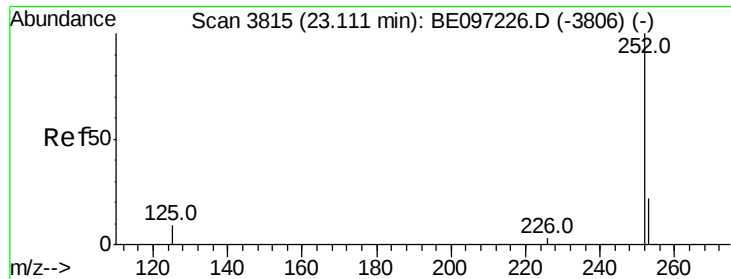


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

Instrument :

BNA_E

ClientSampleId :

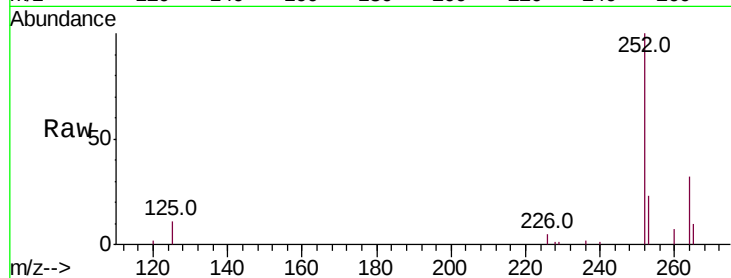
Tot Ion:252 Resp: 12462

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

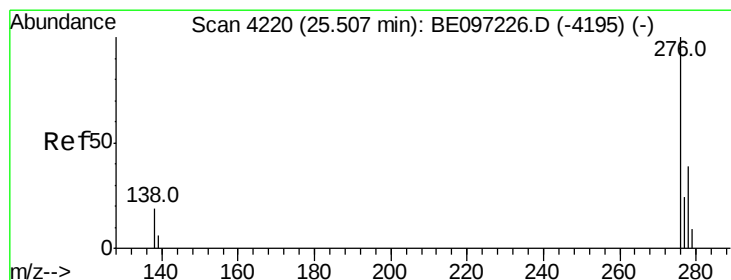
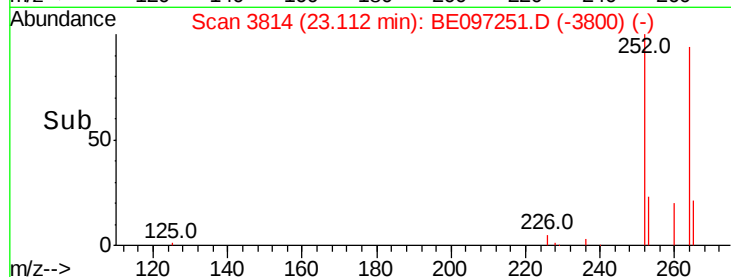
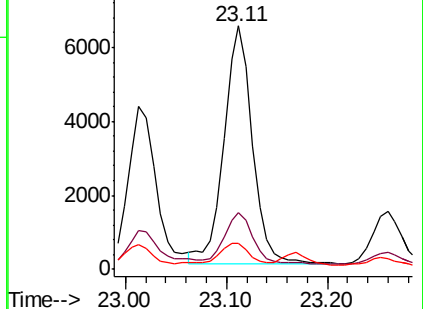
125 10.7 18.1 27.1#



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: 0.225 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BE097251.D

Acq: 9 Aug 2018 15:15

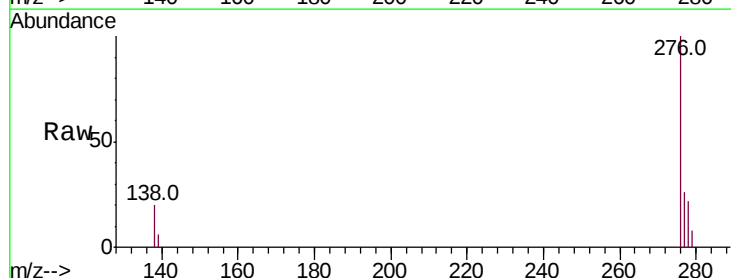
Tgt Ion:276 Resp: 8189

Ion Ratio Lower Upper

276 100

138 19.1 28.0 42.0#

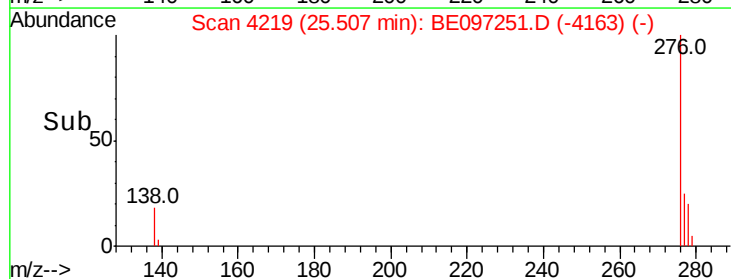
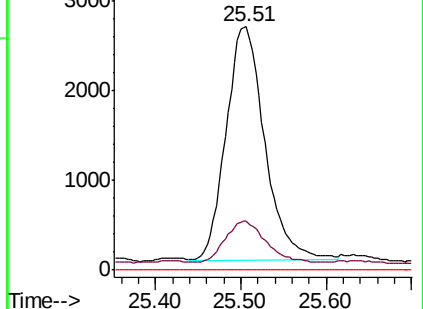
227 0.0 8.0 12.0#

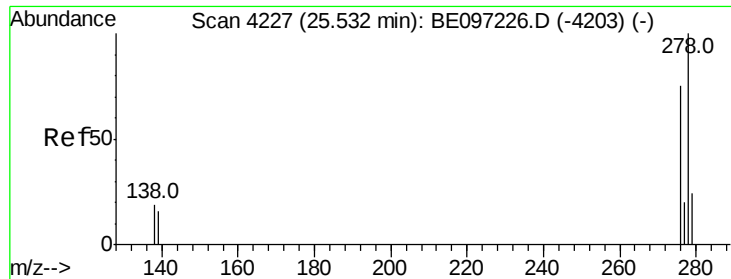


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

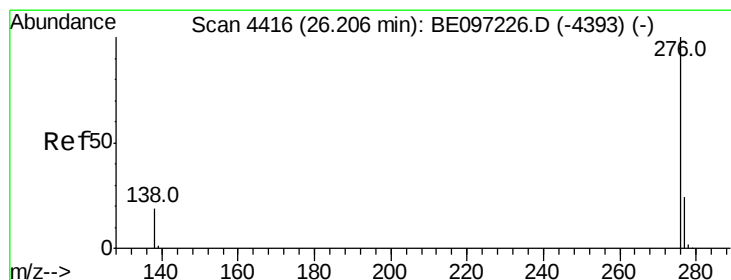
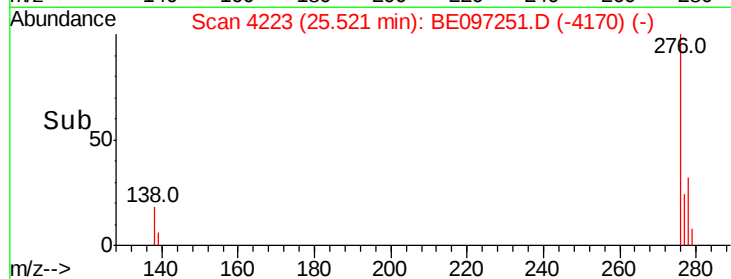
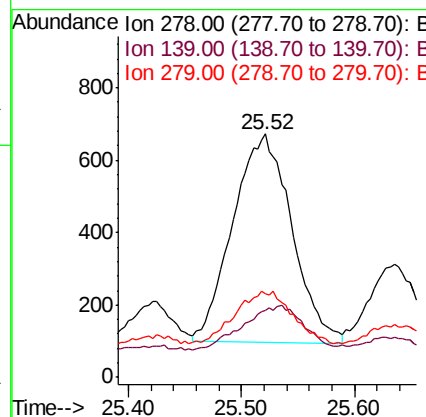
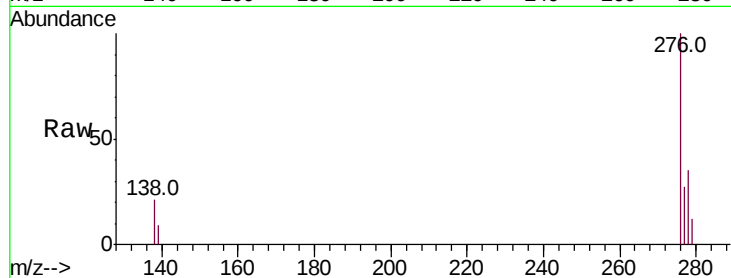




#25
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BE097251.D
Acq: 9 Aug 2018 15:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2084
Ion Ratio Lower Upper
278 100
139 27.3 17.4 26.0#
279 34.3 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.251 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE097251.D
Acq: 9 Aug 2018 15:15

Tgt Ion:276 Resp: 7895
Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.8#
277 27.0 20.5 30.7

