

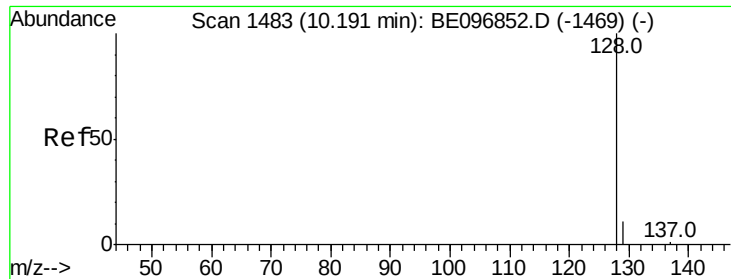
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096865.D
 Acq On : 6 Jul 2018 22:27
 Operator : SJ/JU
 Sample : J3721-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:30:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3786	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12742	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	1653983	0.40	ng/ul	0.10
16) Chrysene-d12	21.13	240	34	0.40	ng/ul	0.15
20) Perylene-d12	23.48	264	370	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9138	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	3071	0.064	ng/ul#	95
5) 2-Methylnaphthalene	11.81	142	806	0.025	ng/ul	99
7) Acenaphthylene	13.75	152	8158	0.156	ng/ul	97
8) Acenaphthene	14.09	153	1455	0.034	ng/ul#	93
9) Fluorene	15.08	166	1743	0.039	ng/ul	90
11) Pentachlorophenol	16.50	266	5	0.000	ng/ul#	20
12) Phenanthrene	16.91	178	9550	0.002	ng/ul#	89
13) Anthracene	16.97	178	505	0.000	ng/ul#	1
15) Fluoranthene	19.00	202	2689	0.001	ng/ul	83
17) Pyrene	19.21	202	195040	1747.587	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	12119	151.118	ng/ul#	50
19) Chrysene	21.02	228	159200	1532.293	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	34727	34.389	ng/ul	90
22) Benzo(k)fluoranthene	22.90	252	1099	0.997	ng/ul#	1
23) Benzo(a)pyrene	23.42	252	718	0.841	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.78	276	2924	3.298	ng/ul#	68
25) Dibenzo(a,h)anthracene	25.87	278	12734	18.078	ng/ul	94
26) Benzo(g,h,i)perylene	26.57	276	9186	10.674	ng/ul	95

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



#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

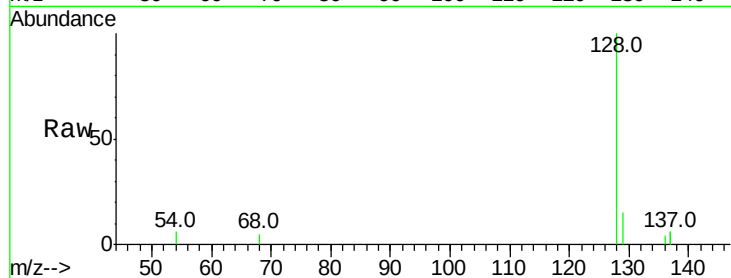
Tot Ion:128 Resp: 3071

Ion Ratio Lower Upper

128 100

129 14.9 11.3 16.9

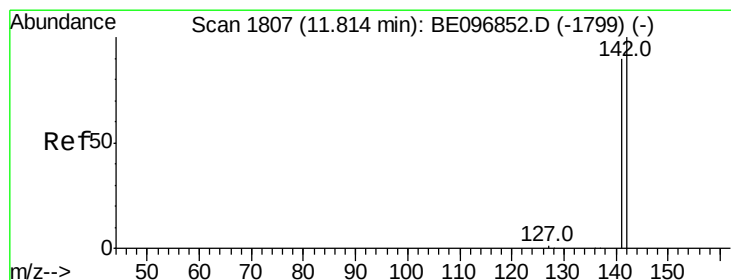
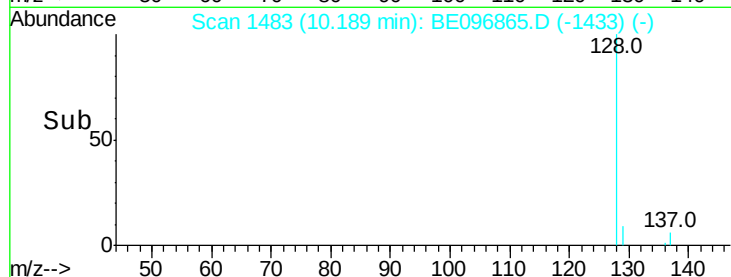
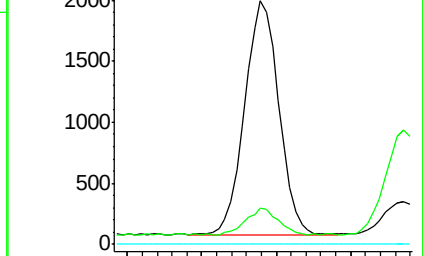
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096865.D

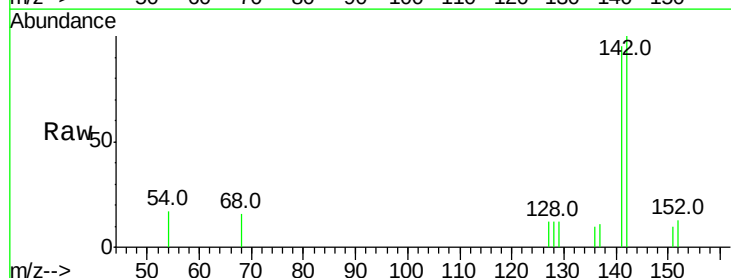
Acq: 6 Jul 2018 22:27

Tgt Ion:142 Resp: 806

Ion Ratio Lower Upper

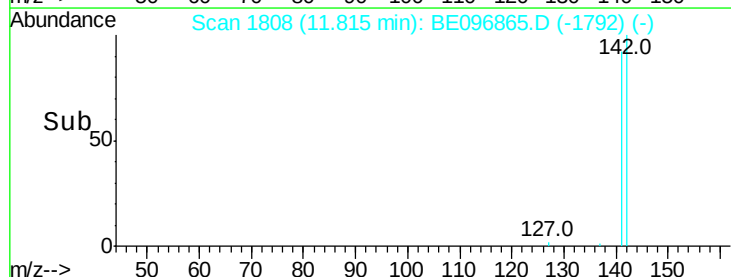
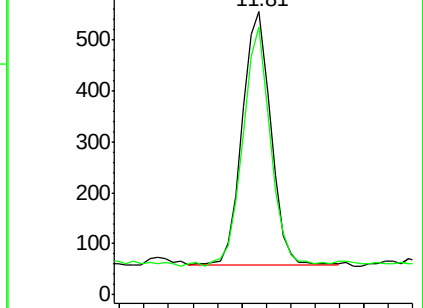
142 100

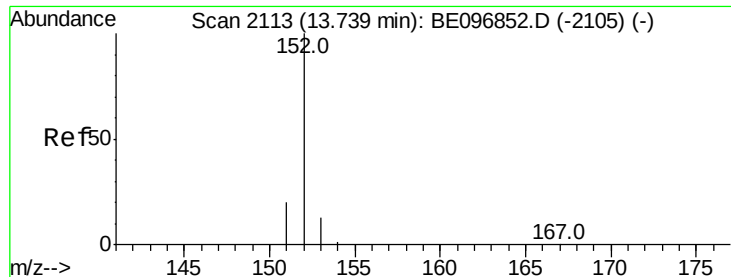
141 91.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 13.75 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

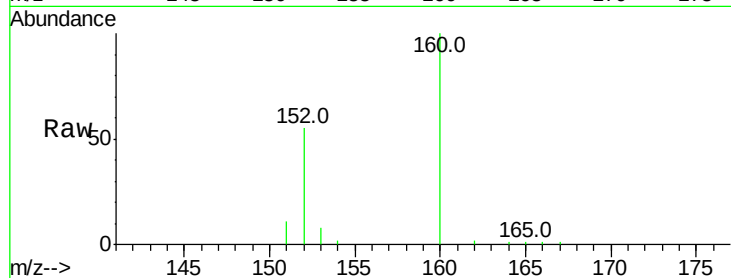
Tot Ion:152 Resp: 8158

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

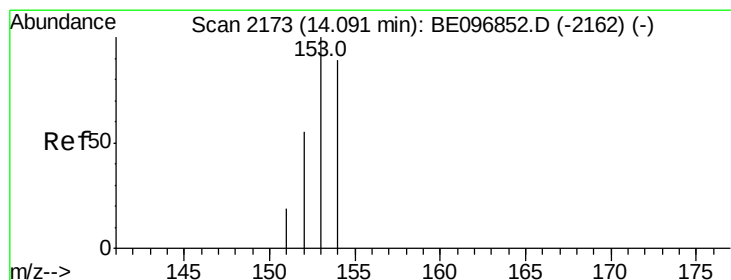
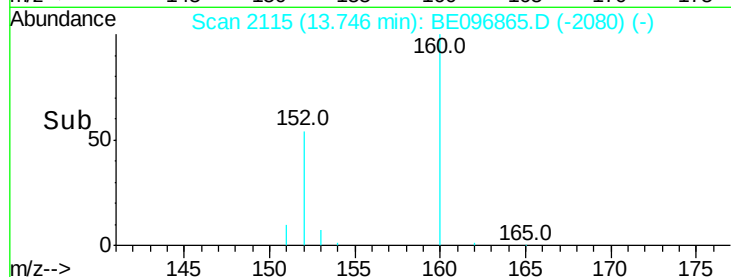
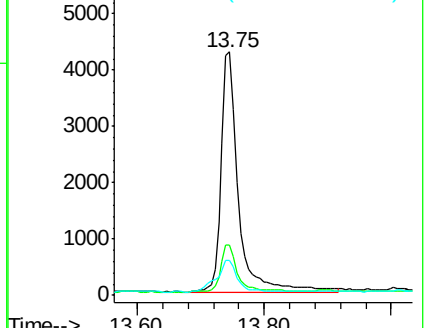
153 14.3 12.8 19.2



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



#8

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

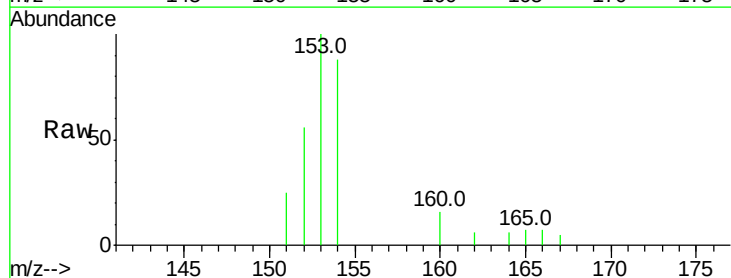
Tgt Ion:153 Resp: 1455

Ion Ratio Lower Upper

153 100

152 56.4 36.0 54.0#

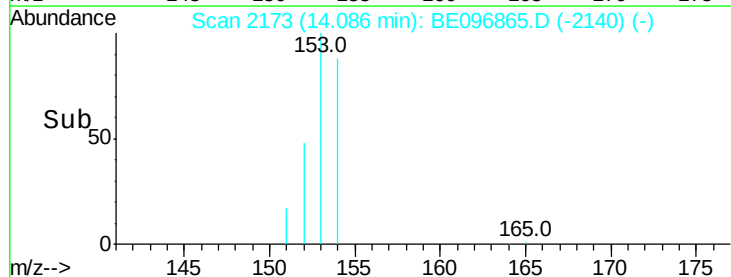
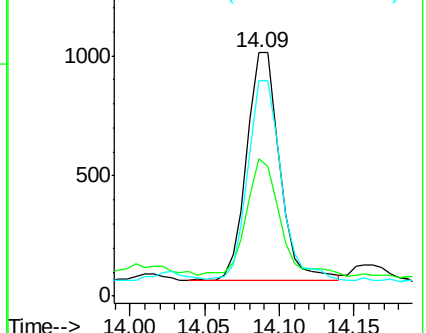
154 88.3 72.0 108.0

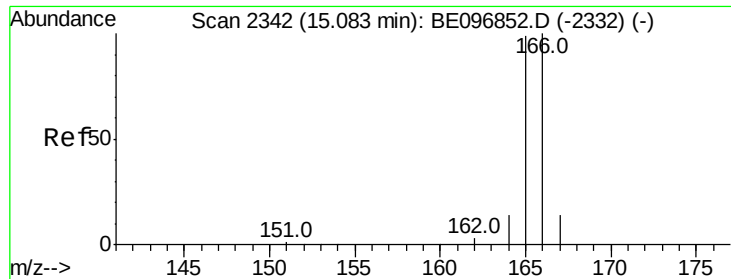


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

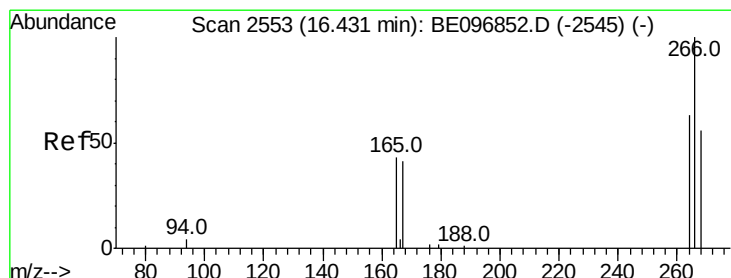
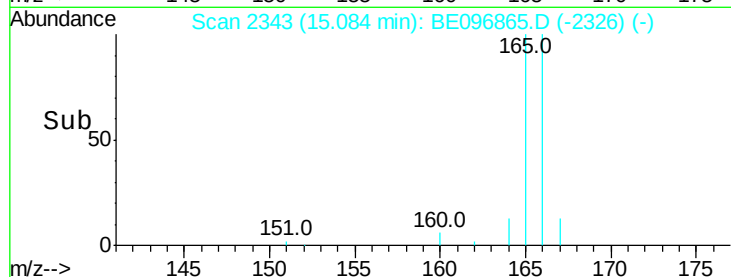
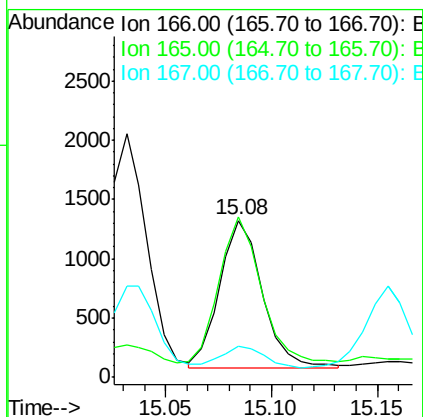
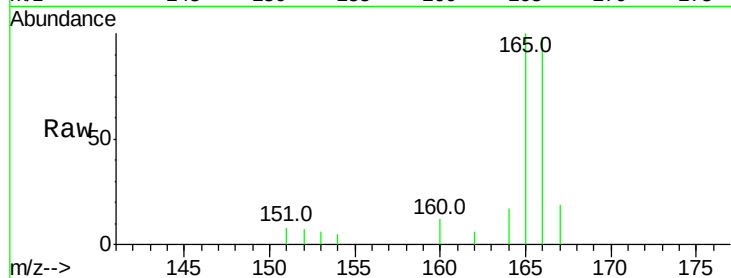
Tot Ion:166 Resp: 1743

Ion Ratio Lower Upper

166 100

165 102.4 73.4 110.2

167 19.7 14.6 22.0



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.50 min Scan# 2564

Delta R.T. 0.07 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

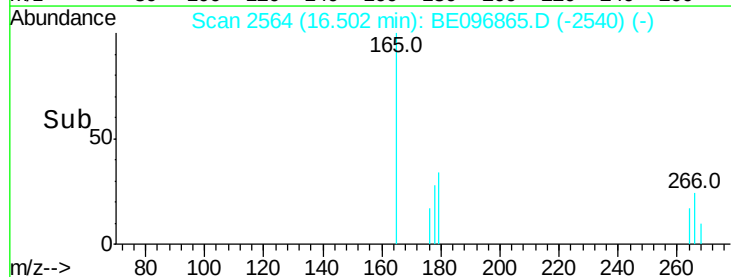
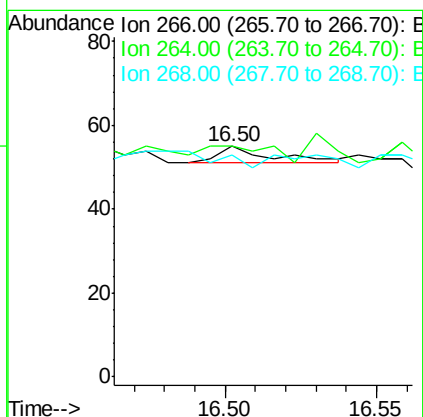
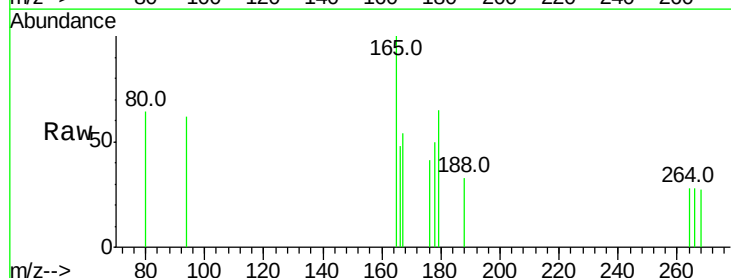
Tgt Ion:266 Resp: 5

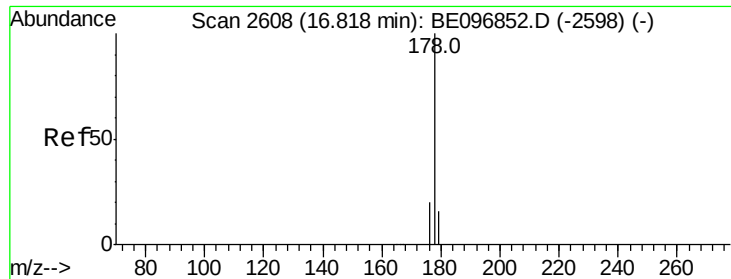
Ion Ratio Lower Upper

266 100

264 120.0 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.002 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampled :

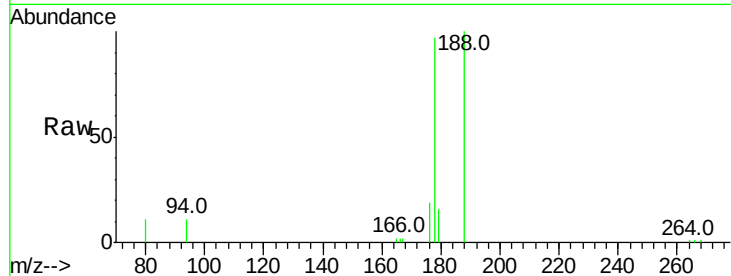
Tot Ion:178 Resp: 9550

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

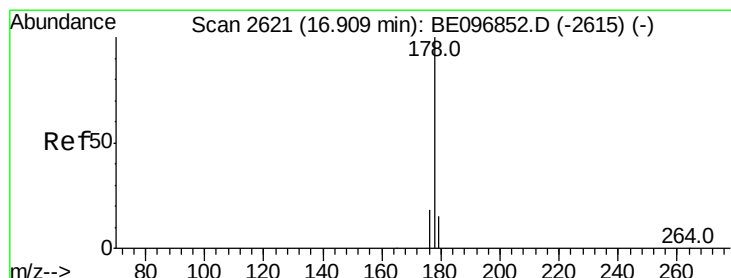
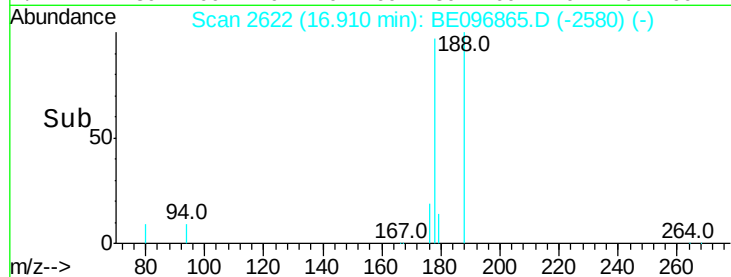
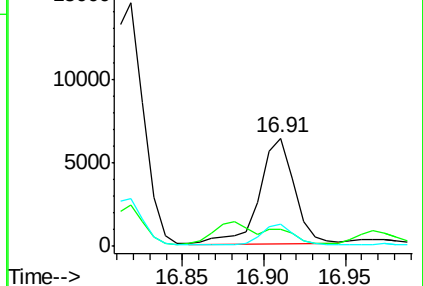
176 20.0 13.6 20.4



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: 16.97 min Scan# 2630

Delta R.T. 0.06 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

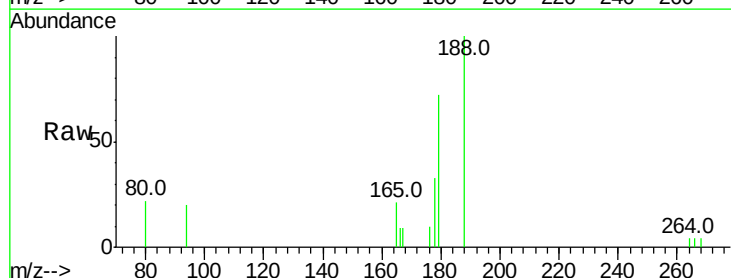
Tgt Ion:178 Resp: 505

Ion Ratio Lower Upper

178 100

179 219.3 18.1 27.1#

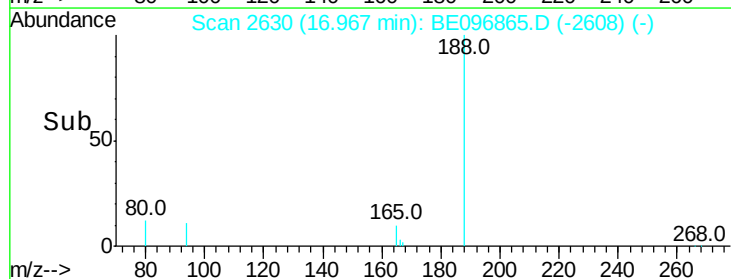
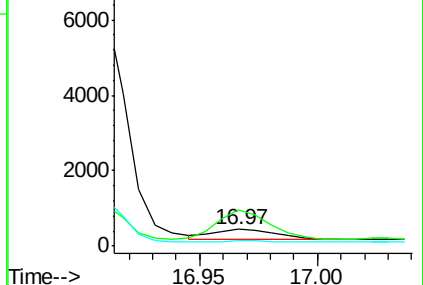
176 30.0 14.7 22.1#

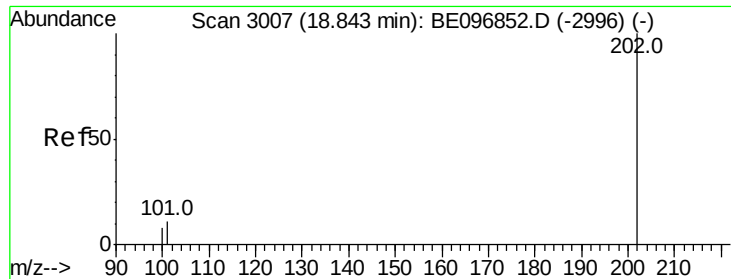


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.001 ng/ul

RT: 19.00 min Scan# 3051

Delta R.T. 0.15 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

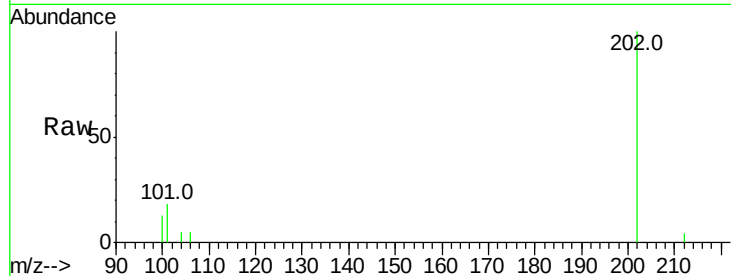
Tot Ion:202 Resp: 2689

Ion Ratio Lower Upper

202 100

101 18.0 0.0 30.3

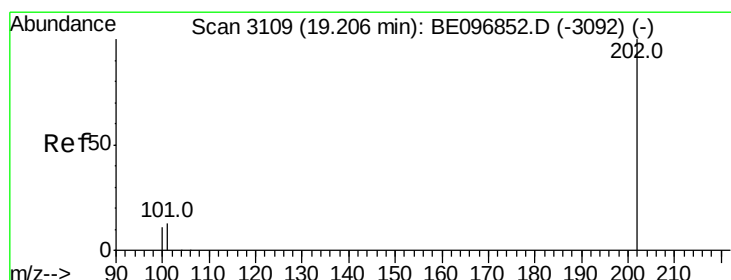
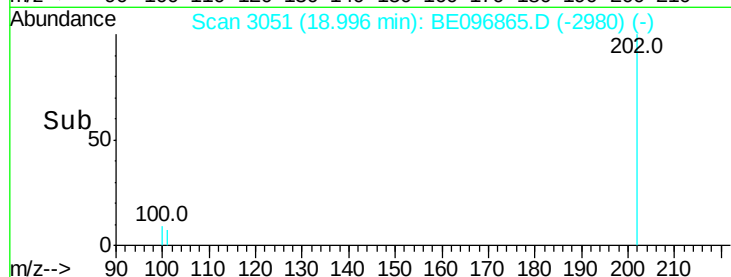
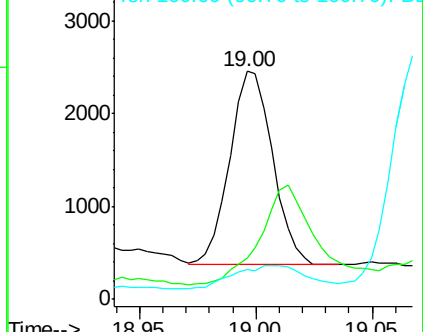
100 12.8 0.0 39.5



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: 1747.587 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

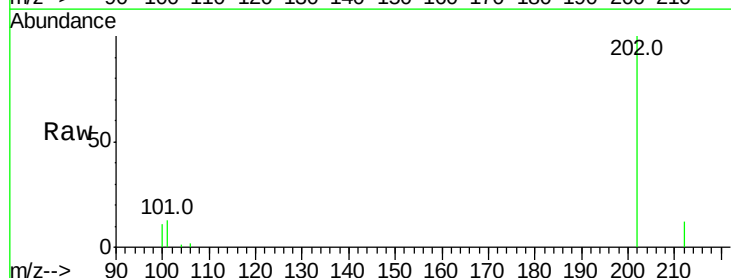
Tgt Ion:202 Resp: 195040

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

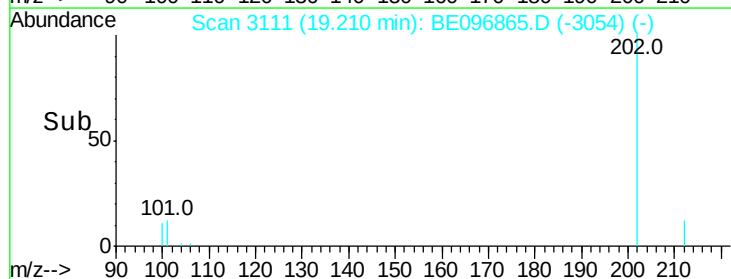
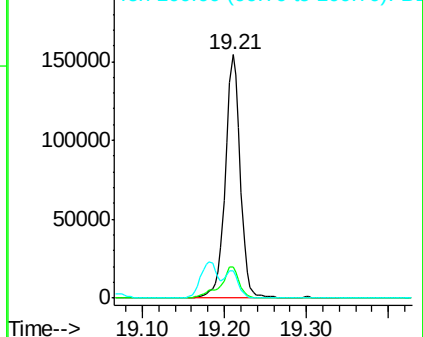
100 11.0 15.6 23.4#

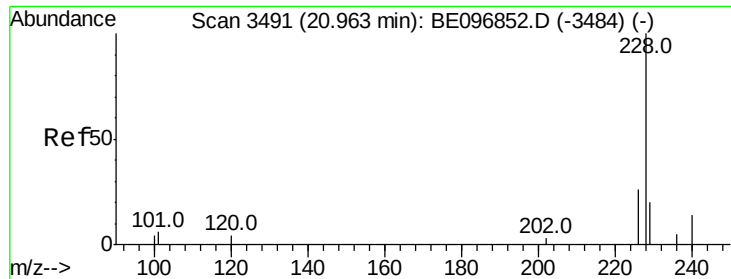


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

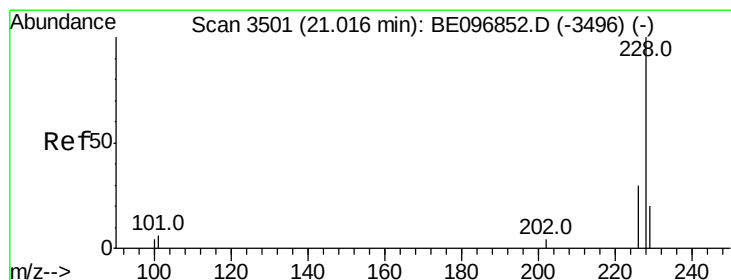
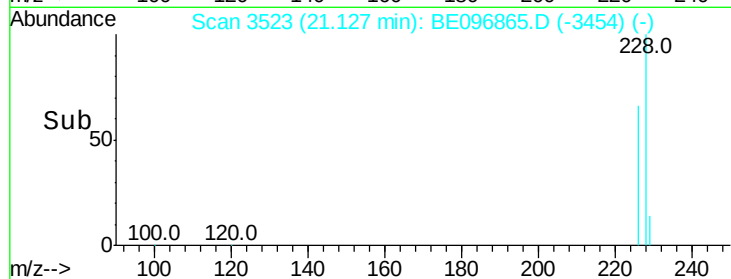
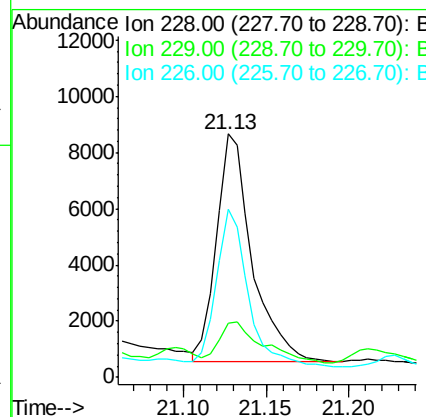
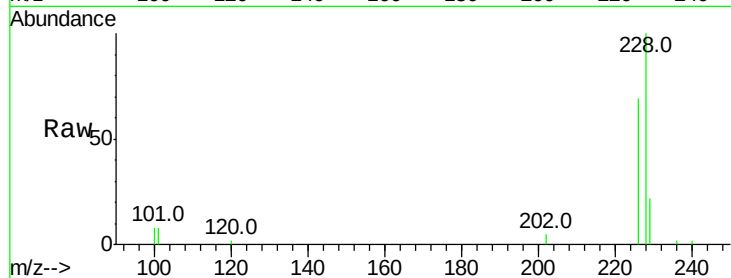




#18
Benzo(a)anthracene
Concen: 151.118 ng/ul
RT: 21.13 min Scan# 3523
Delta R.T. 0.16 min
Lab File: BE096865.D
Acq: 6 Jul 2018 22:27

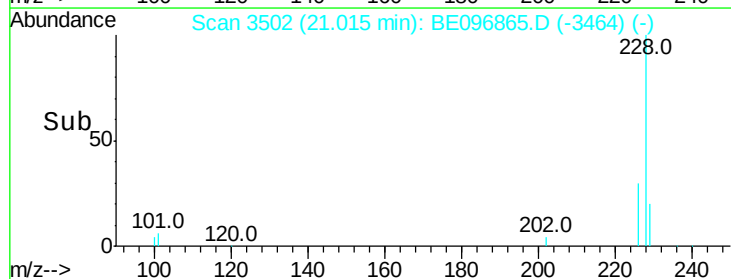
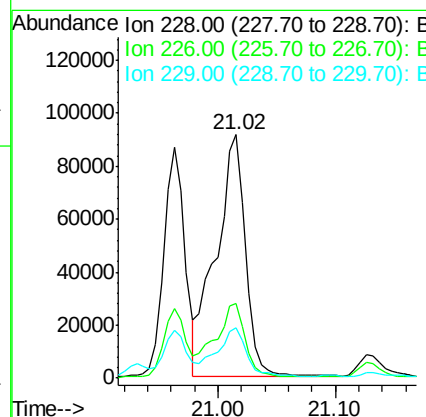
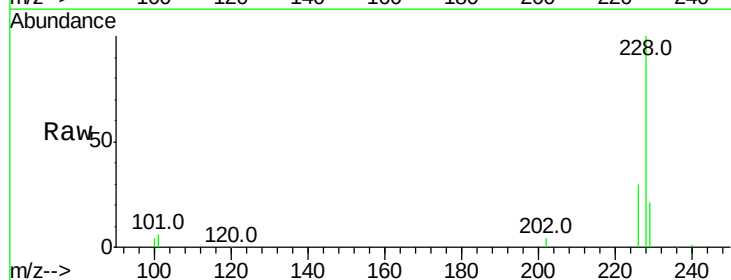
Instrument :
BNA_E
ClientSampleId :

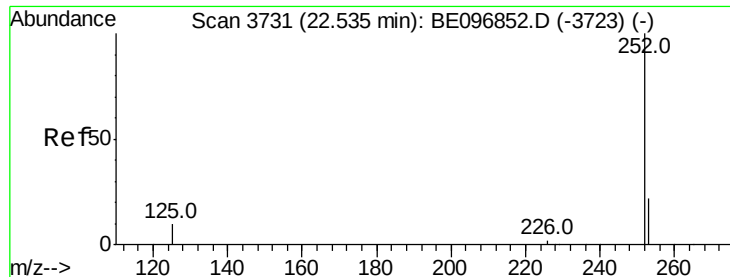
Tot Ion:228 Resp: 12119
Ion Ratio Lower Upper
228 100
229 22.0 22.8 34.2#
226 68.9 17.0 25.6#



#19
Chrysene
Concen: 1532.293 ng/ul
RT: 21.02 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE096865.D
Acq: 6 Jul 2018 22:27

Tgt Ion:228 Resp: 159200
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.0
229 20.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 34.389 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.18 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

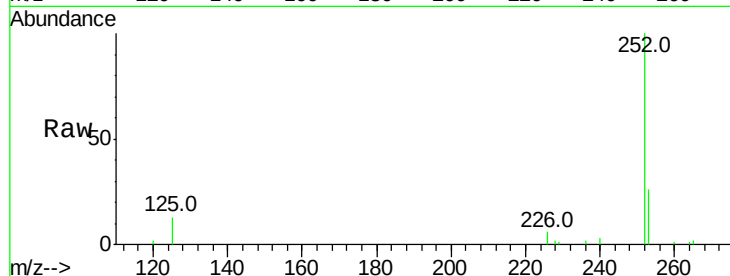
Tot Ion:252 Resp: 34727

Ion Ratio Lower Upper

252 100

253 26.2 0.0 64.2

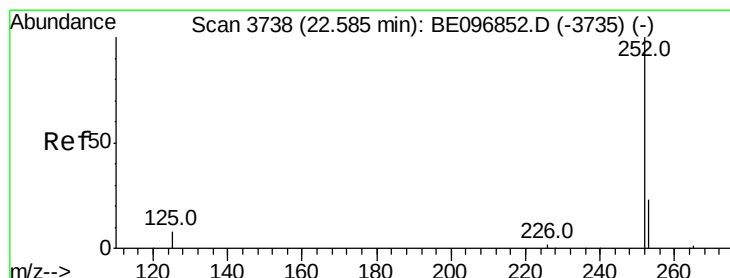
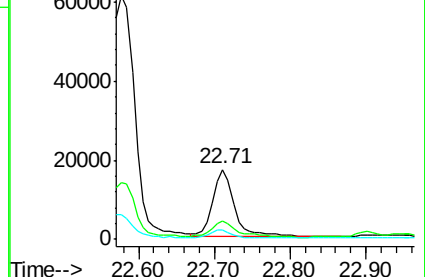
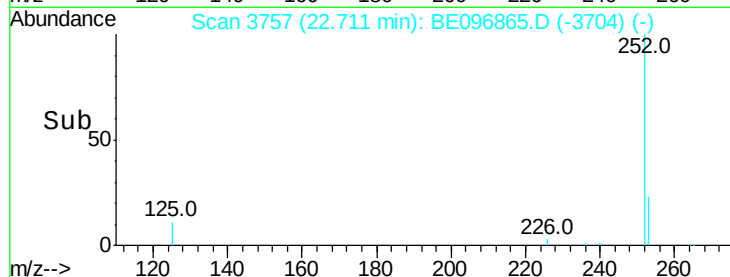
125 13.1 0.0 35.0



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: 0.997 ng/ul

RT: 22.90 min Scan# 3784

Delta R.T. 0.32 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

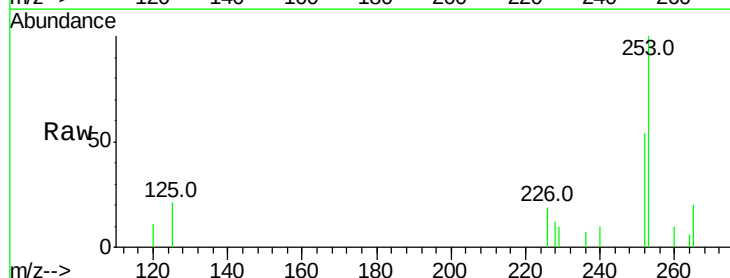
Tgt Ion:252 Resp: 1099

Ion Ratio Lower Upper

252 100

253 186.7 24.5 36.7#

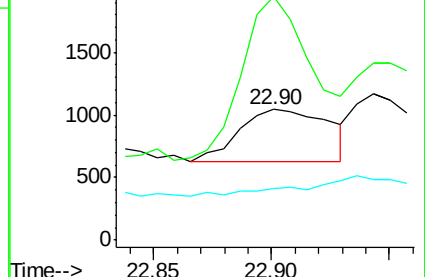
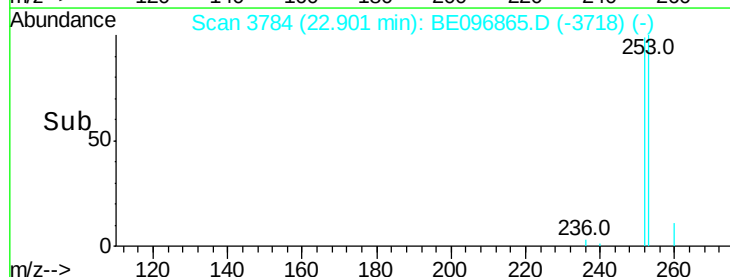
125 39.3 13.7 20.5#

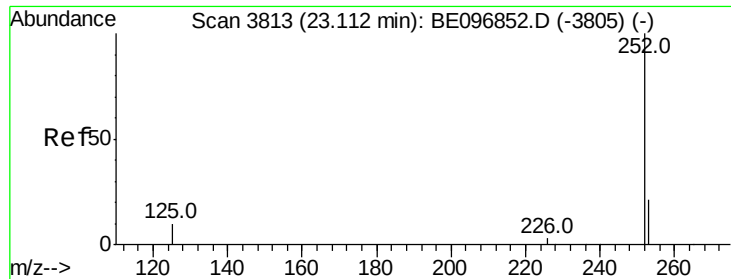


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.841 ng/ul

RT: 23.42 min Scan# 3858

Delta R.T. 0.31 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

Instrument :

BNA_E

ClientSampleId :

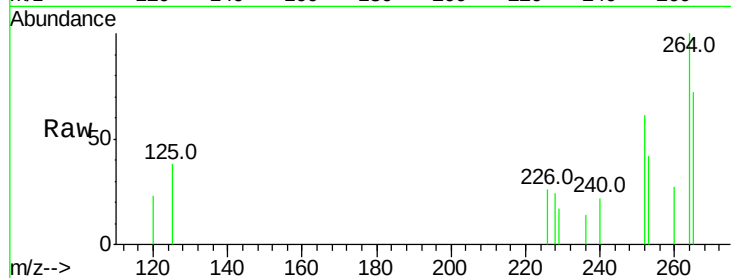
Tot Ion:252 Resp: 718

Ion Ratio Lower Upper

252 100

253 69.1 28.5 42.7#

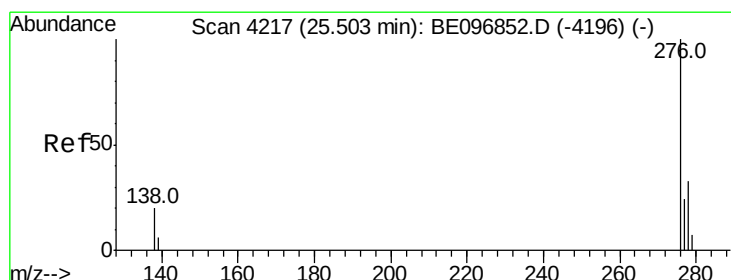
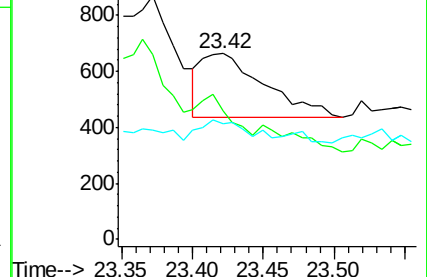
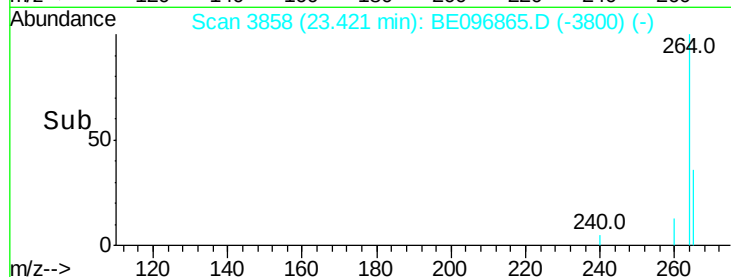
125 62.6 18.1 27.1#



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: 3.298 ng/ul

RT: 25.78 min Scan# 4295

Delta R.T. 0.27 min

Lab File: BE096865.D

Acq: 6 Jul 2018 22:27

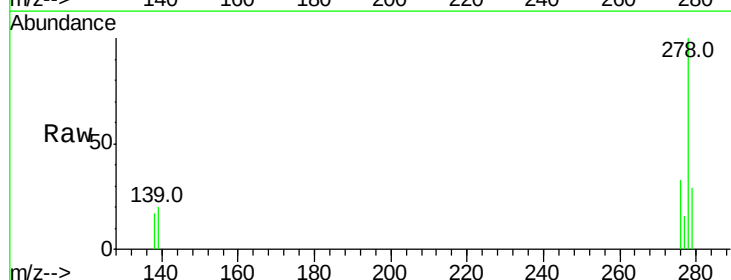
Tgt Ion:276 Resp: 2924

Ion Ratio Lower Upper

276 100

138 54.2 28.0 42.0#

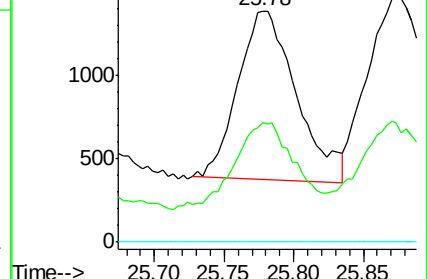
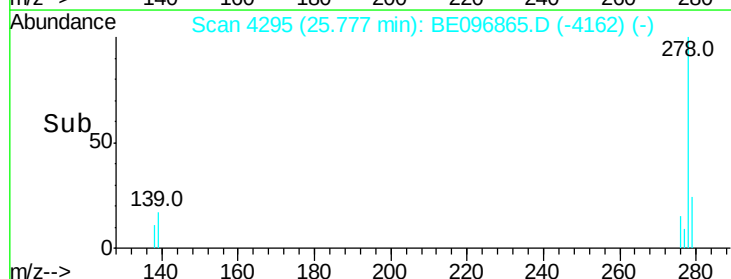
227 0.0 8.0 12.0#

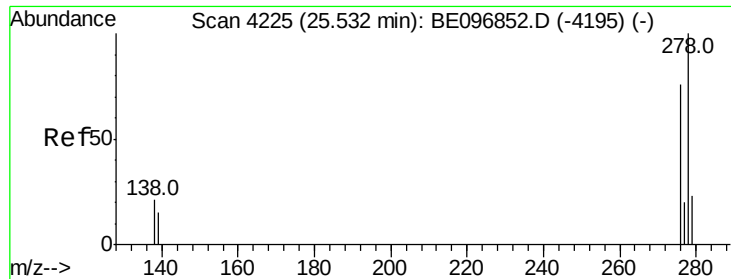


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

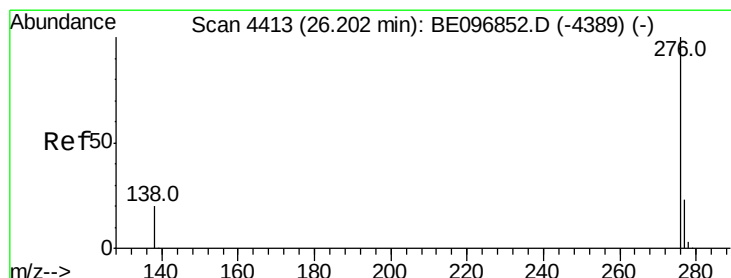
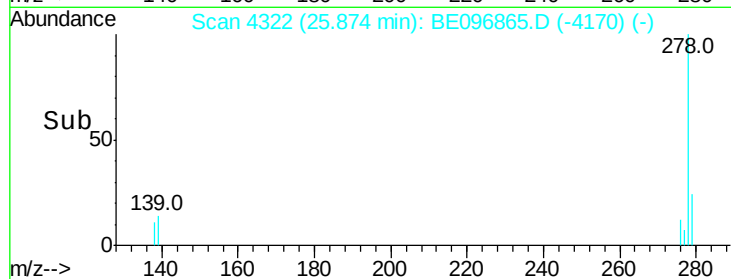
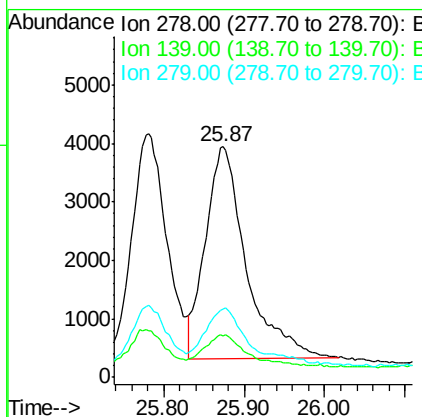
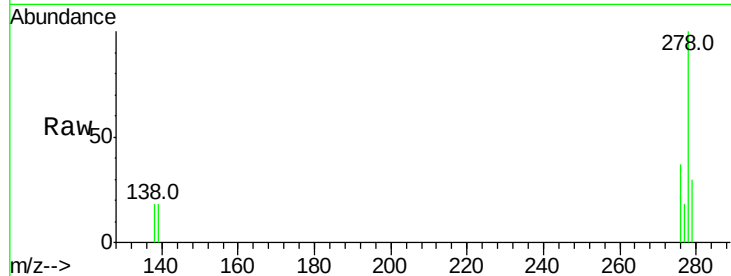




#25
Dibenzo(a,h)anthracene
Concen: 18.078 ng/ul
RT: 25.87 min Scan# 4322
Delta R.T. 0.34 min
Lab File: BE096865.D
Acq: 6 Jul 2018 22:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 12734
Ion Ratio Lower Upper
278 100
139 18.0 17.4 26.0
279 29.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 10.674 ng/ul
RT: 26.57 min Scan# 4518
Delta R.T. 0.37 min
Lab File: BE096865.D
Acq: 6 Jul 2018 22:27

Tgt Ion:276 Resp: 9186
Ion Ratio Lower Upper
276 100
138 26.7 21.8 32.8
277 30.5 20.5 30.7

