

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096873.D
 Acq On : 7 Jul 2018 3:26
 Operator : SJ/JU
 Sample : J3765-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 06:49:08 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

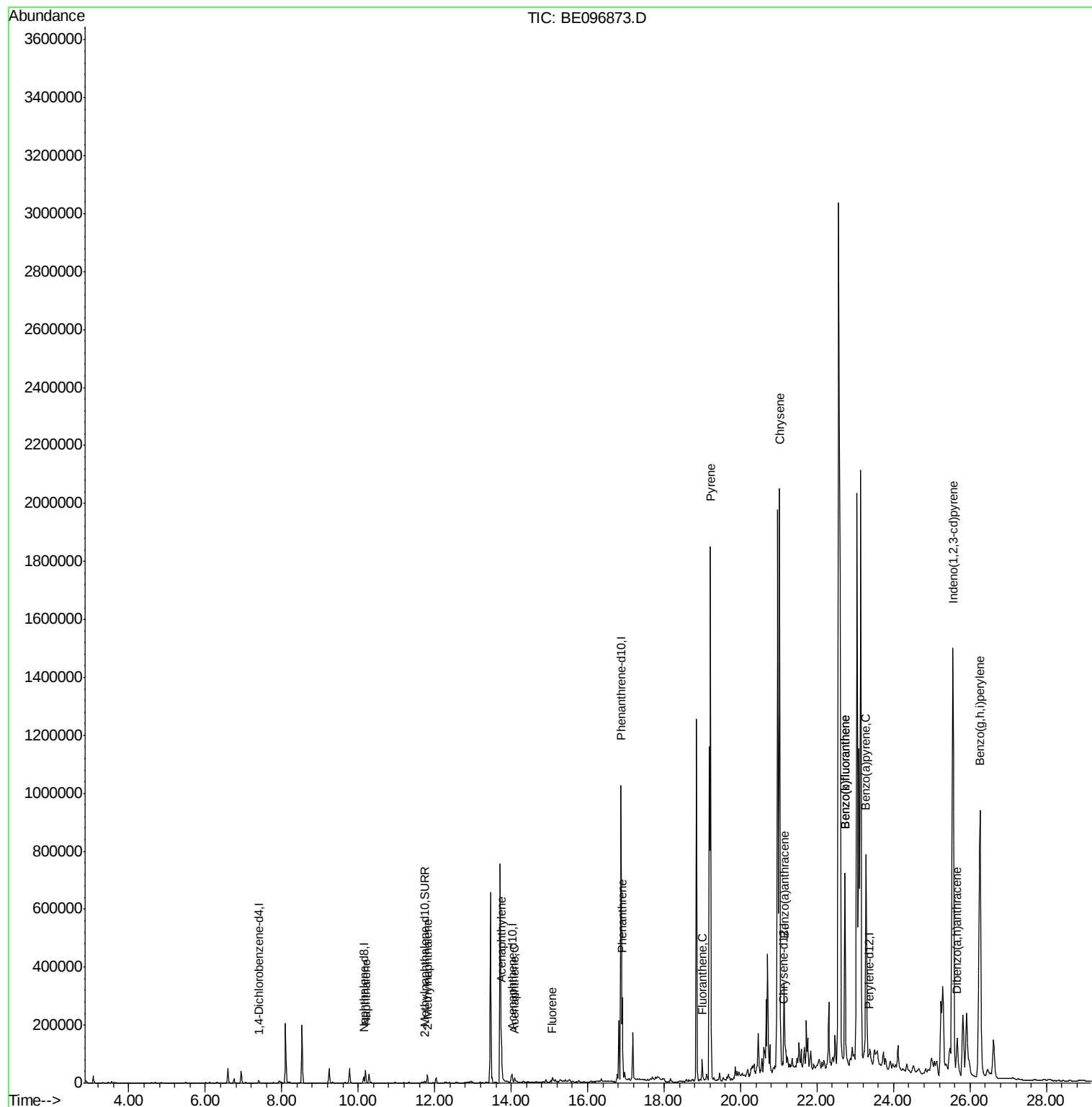
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3857	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	20960	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13084	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1156086	0.40	ng/ul	0.10
16) Chrysene-d12	21.12	240	1442	0.40	ng/ul	0.14
20) Perylene-d12	23.36	264	18796	0.40	ng/ul	0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	6833	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	364	0.00	ng/ul	0.13
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	62291	1.229	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	23075	0.669	ng/ul	97
7) Acenaphthylene	13.74	152	261019	4.867	ng/ul	96
8) Acenaphthene	14.09	153	9618	0.217	ng/ul#	88
9) Fluorene	15.09	166	11374	0.249	ng/ul#	88
12) Phenanthrene	16.91	178	351407	0.118	ng/ul#	89
15) Fluoranthene	19.00	202	85120	0.027	ng/ul	83
17) Pyrene	19.21	202	1912123	403.966	ng/ul#	83
18) Benzo(a)anthracene	21.14	228	253730	74.599	ng/ul#	55
19) Chrysene	21.02	228	2208542	501.208	ng/ul	96
21) Benzo(b)fluoranthene	22.73	252	849054	16.551	ng/ul	89
22) Benzo(k)fluoranthene	22.73	252	843205	15.055	ng/ul#	91
23) Benzo(a)pyrene	23.28	252	931492	21.467	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.56	276	2462673	54.675	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.66	278	194759	5.443	ng/ul	97
26) Benzo(a,h,i)perylene	26.26	276	2087255	47.741	ng/ul#	94

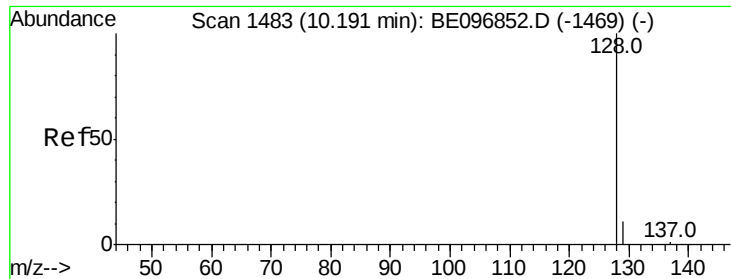
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.229 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

Instrument :

BNA_E

ClientSampleId :

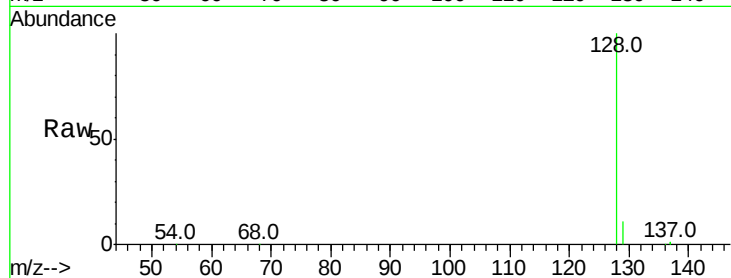
Tot Ion:128 Resp: 62291

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

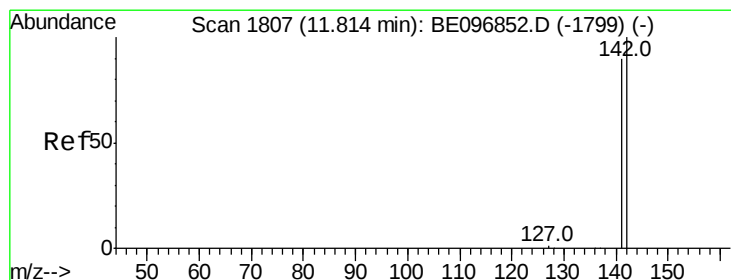
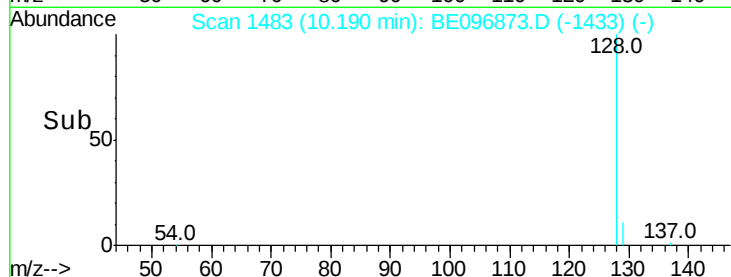
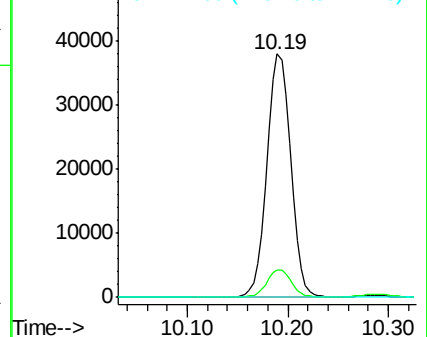
127 0.0 4.0 6.0#



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: 0.669 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096873.D

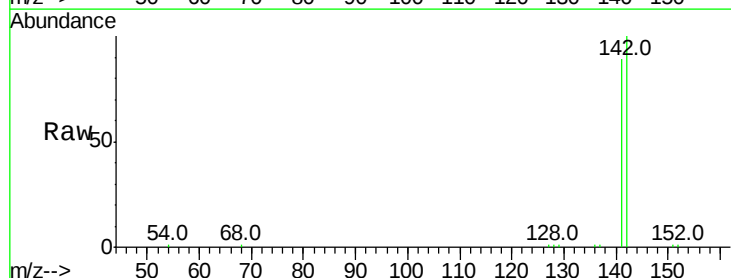
Acq: 7 Jul 2018 3:26

Tgt Ion:142 Resp: 23075

Ion Ratio Lower Upper

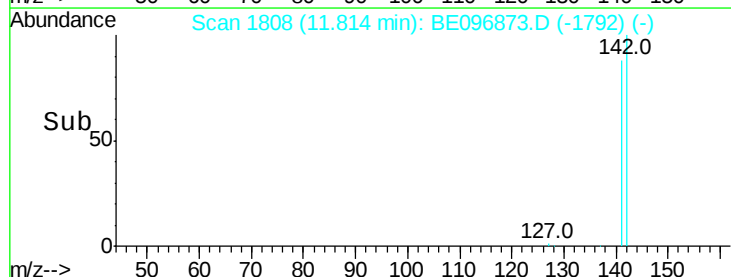
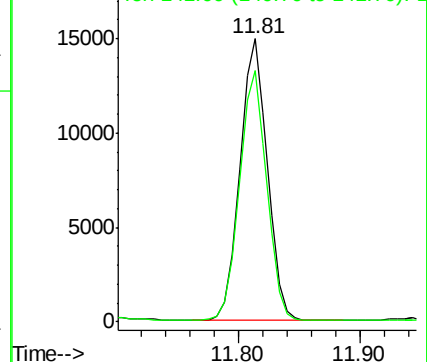
142 100

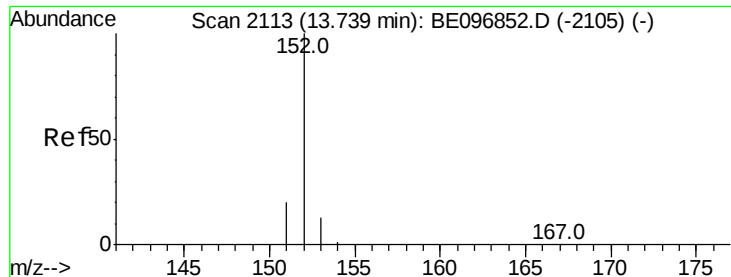
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.867 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

Instrument :

BNA_E

ClientSampleId :

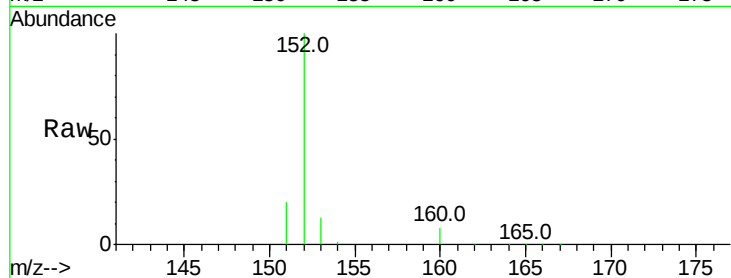
Tot Ion:152 Resp: 261019

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

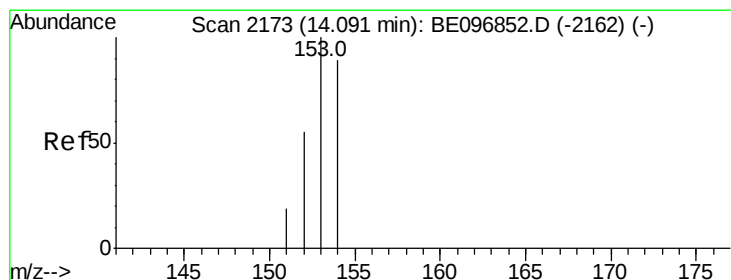
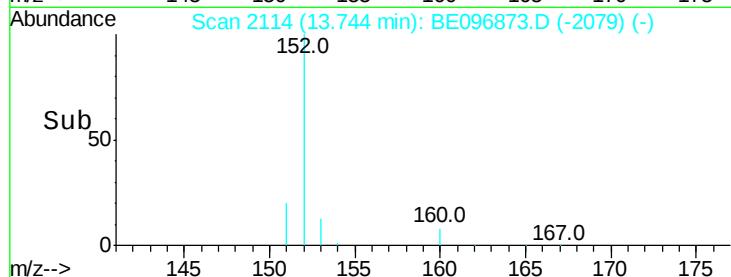
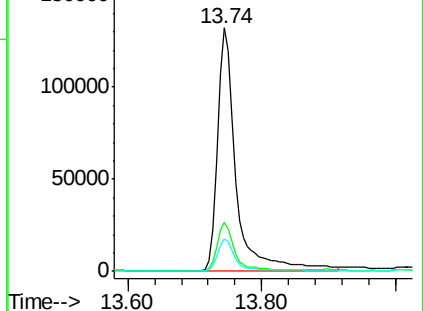
153 13.4 12.8 19.2



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: 0.217 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

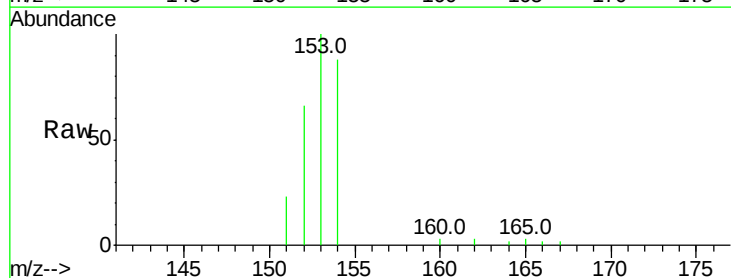
Tgt Ion:153 Resp: 9618

Ion Ratio Lower Upper

153 100

152 65.8 36.0 54.0#

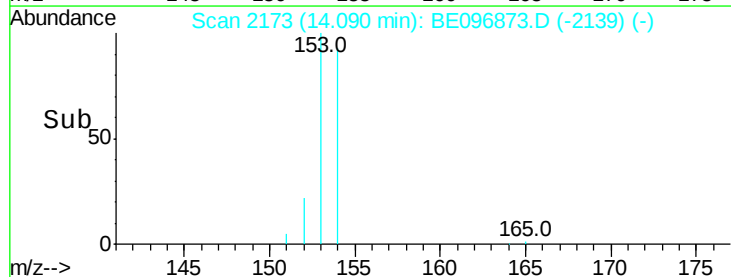
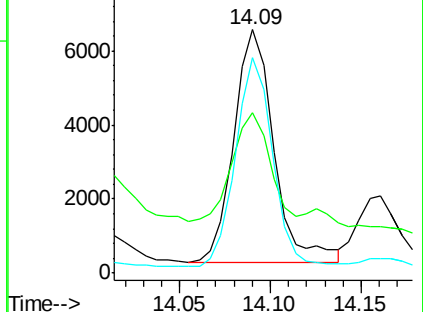
154 88.4 72.0 108.0

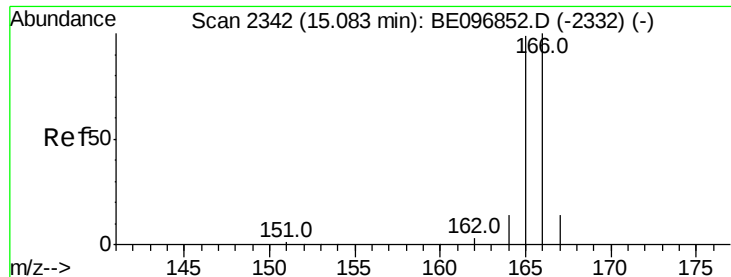


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.249 ng/ul

RT: 15.09 min Scan# 2343

Delta R.T. 0.01 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

Instrument :

BNA_E

ClientSampleId :

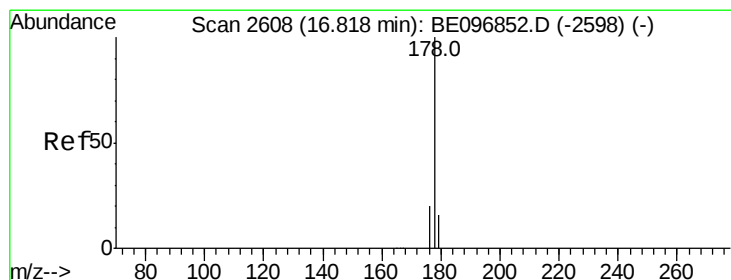
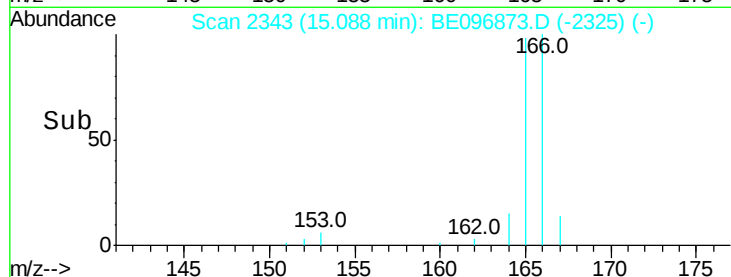
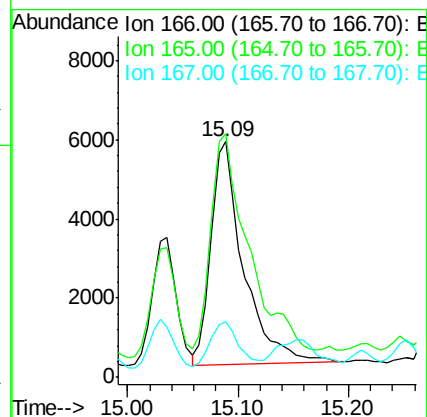
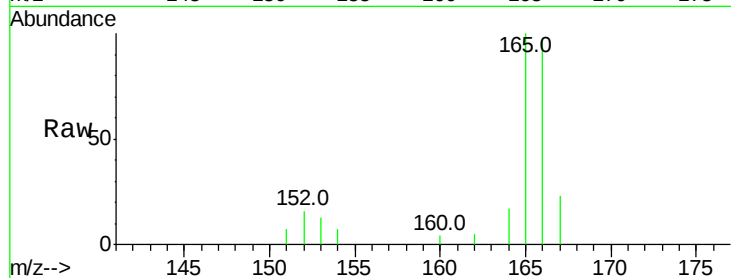
Tot Ion:166 Resp: 11374

Ion Ratio Lower Upper

166 100

165 103.4 73.4 110.2

167 23.5 14.6 22.0#



#12

Phenanthrene

Concen: 0.118 ng/ul

RT: 16.91 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

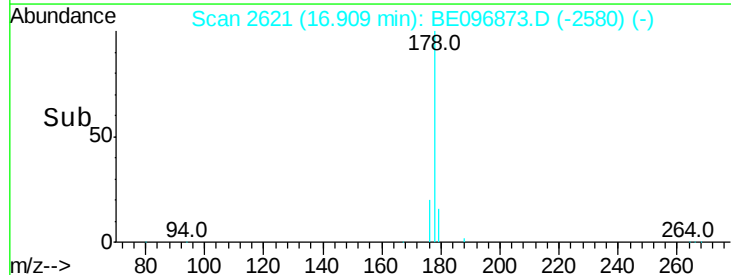
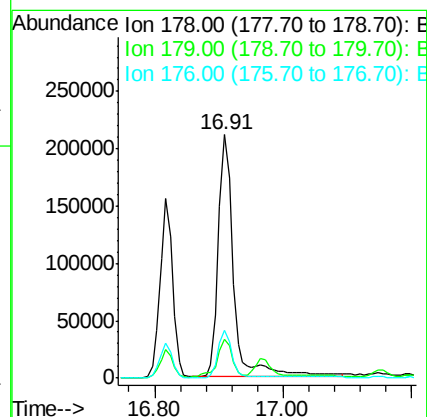
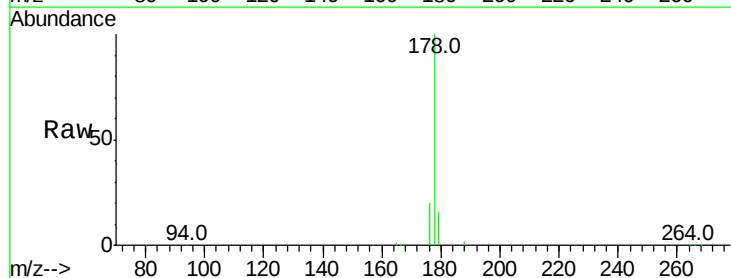
Tgt Ion:178 Resp: 351407

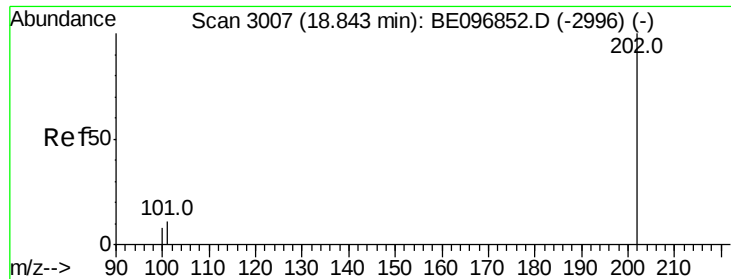
Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 19.6 13.6 20.4

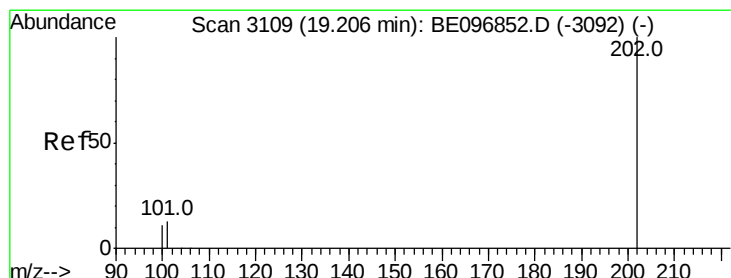
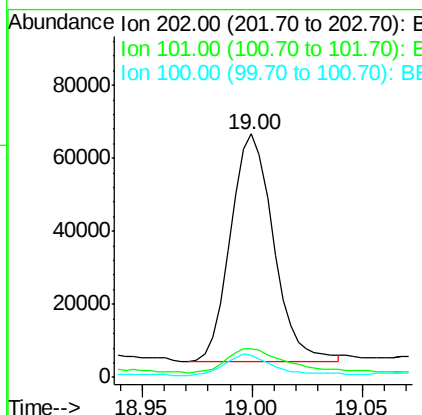
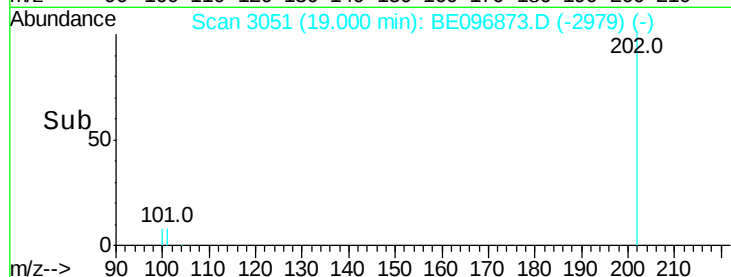
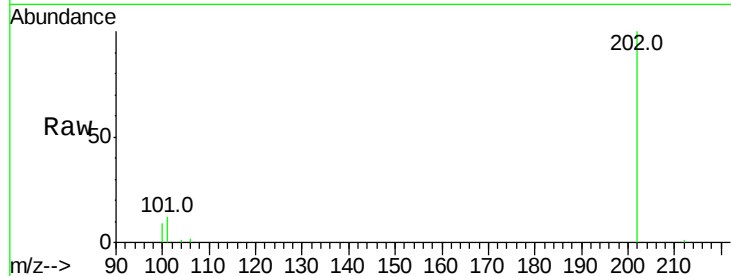




#15
Fluoranthene
 Concen: 0.027 ng/ul
 RT: 19.00 min Scan# 3051
 Delta R.T. 0.16 min
 Lab File: BE096873.D
 Acq: 7 Jul 2018 3:26

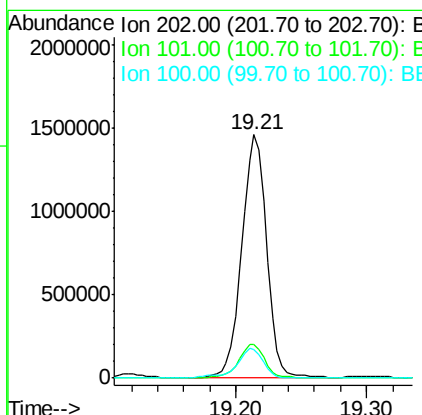
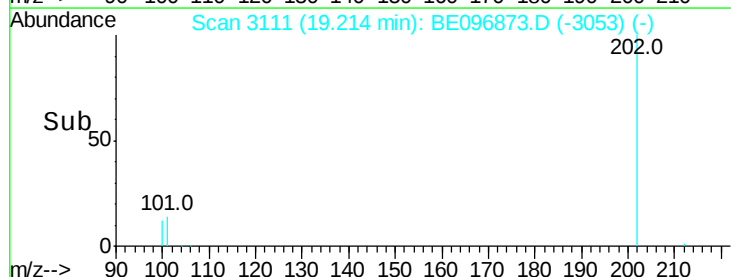
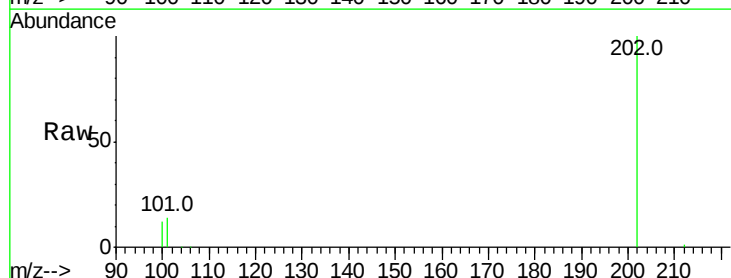
Instrument :
 BNA_E
 ClientSampleId :

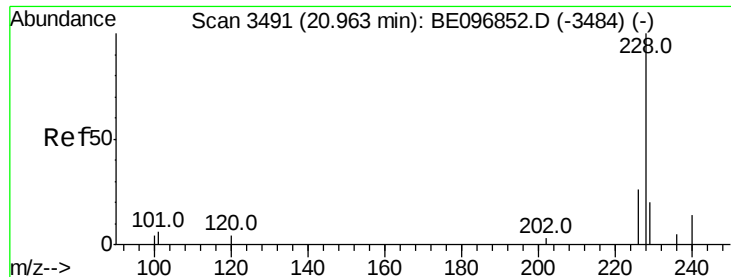
Tot Ion:202 Resp: 85120
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 30.3
 100 9.0 0.0 39.5



#17
Pyrene
 Concen: 403.966 ng/ul
 RT: 19.21 min Scan# 3111
 Delta R.T. 0.01 min
 Lab File: BE096873.D
 Acq: 7 Jul 2018 3:26

Tgt Ion:202 Resp: 1912123
 Ion Ratio Lower Upper
 202 100
 101 14.1 18.2 27.4#
 100 11.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 74.599 ng/ul

RT: 21.14 min Scan# 3524

Delta R.T. 0.18 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

Instrument :

BNA_E

ClientSampleId :

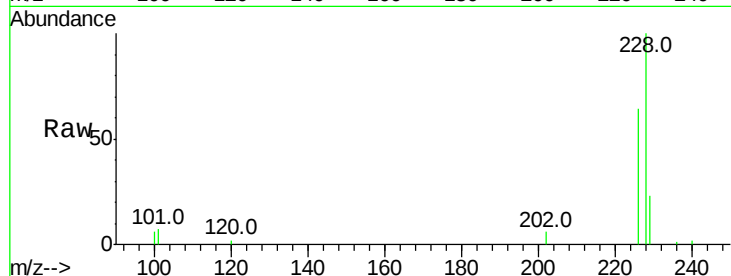
Tot Ion:228 Resp: 253730

Ion Ratio Lower Upper

228 100

229 23.2 22.8 34.2

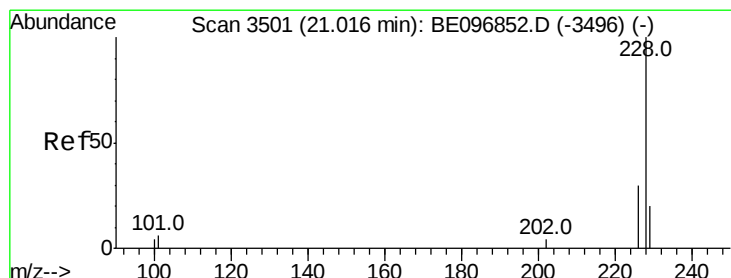
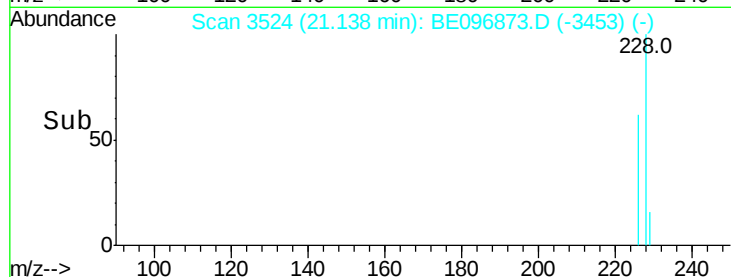
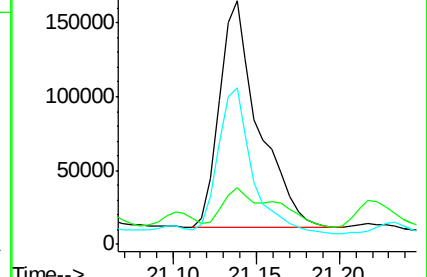
226 64.1 17.0 25.6#



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: 501.208 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

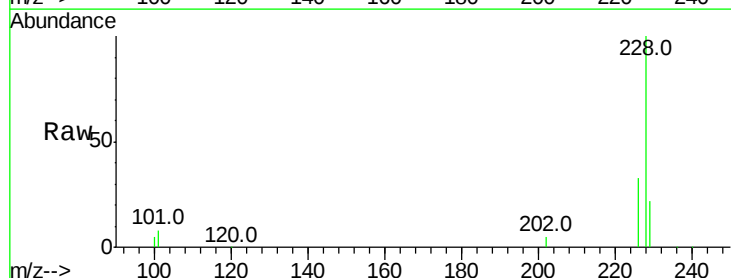
Tgt Ion:228 Resp: 2208542

Ion Ratio Lower Upper

228 100

226 32.8 23.4 35.0

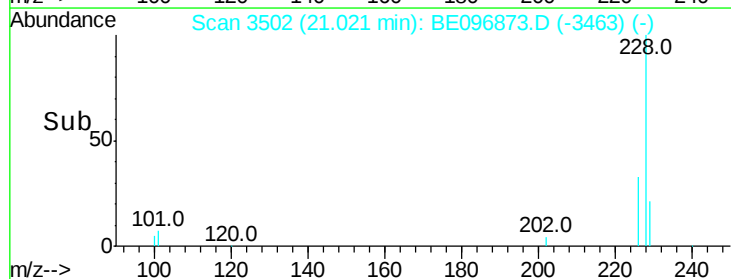
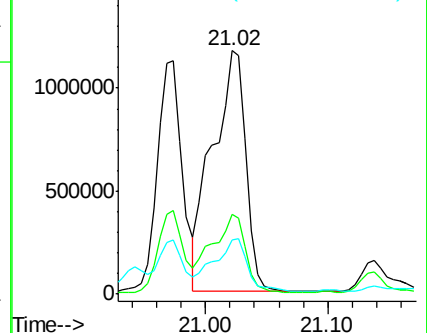
229 22.3 17.7 26.5

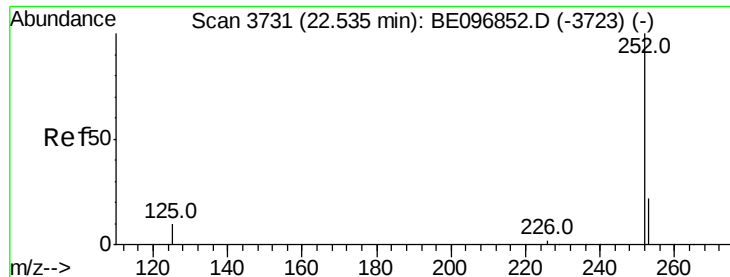


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 16.551 ng/ul

RT: 22.73 min Scan# 3759

Delta R.T. 0.20 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

Instrument :

BNA_E

ClientSampleId :

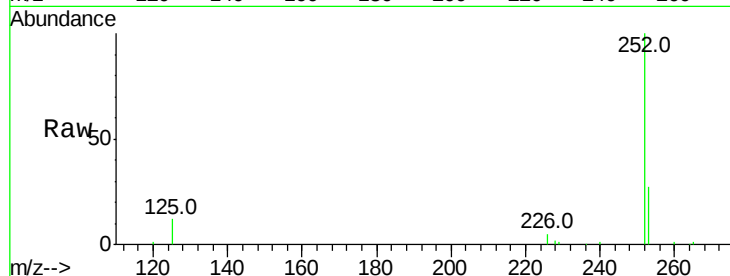
Tot Ion:252 Resp: 849054

Ion Ratio Lower Upper

252 100

253 27.0 0.0 64.2

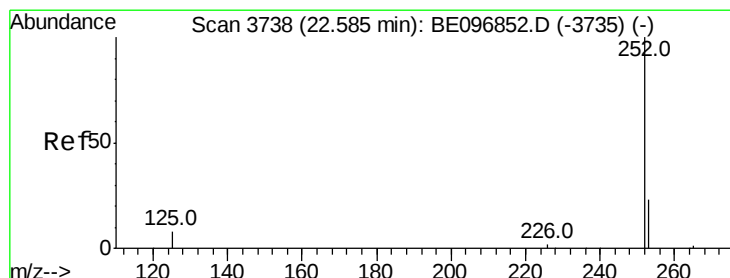
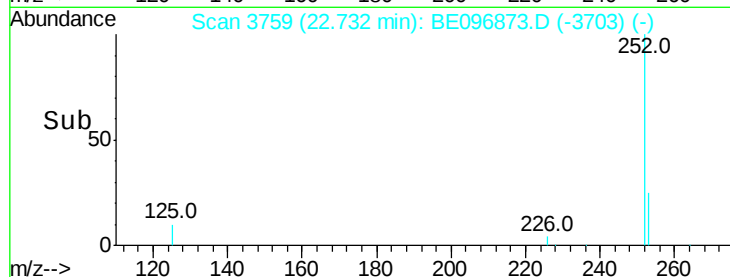
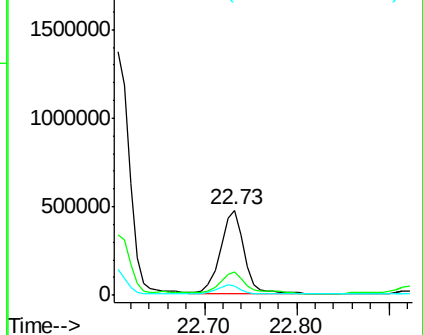
125 11.7 0.0 35.0



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: 15.055 ng/ul

RT: 22.73 min Scan# 3759

Delta R.T. 0.15 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

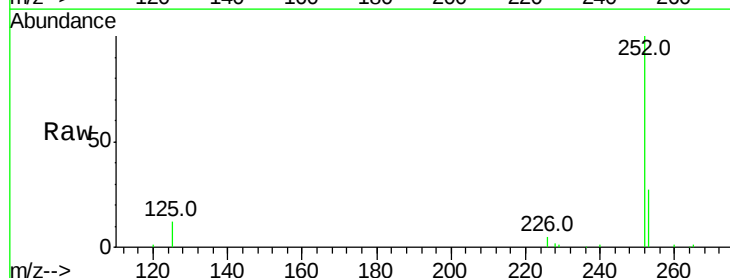
Tgt Ion:252 Resp: 843205

Ion Ratio Lower Upper

252 100

253 27.0 24.5 36.7

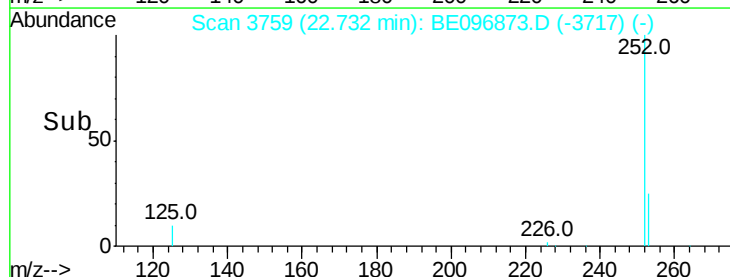
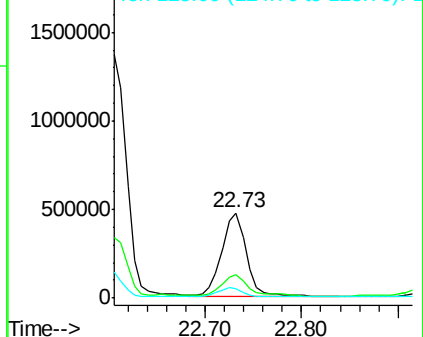
125 11.7 13.7 20.5#

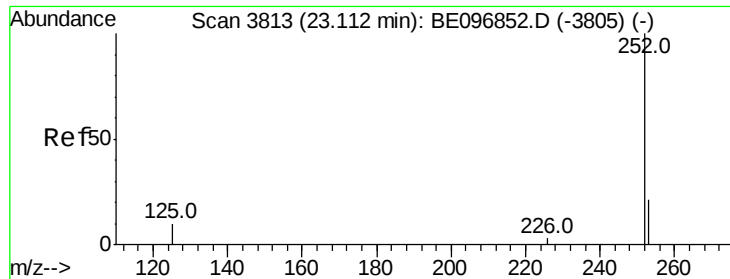


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 21.467 ng/ul

RT: 23.28 min Scan# 3837

Delta R.T. 0.17 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

Instrument :

BNA_E

ClientSampleId :

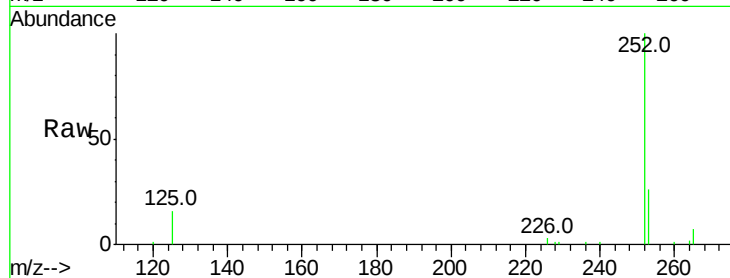
Tot Ion:252 Resp: 931492

Ion Ratio Lower Upper

252 100

253 25.9 28.5 42.7#

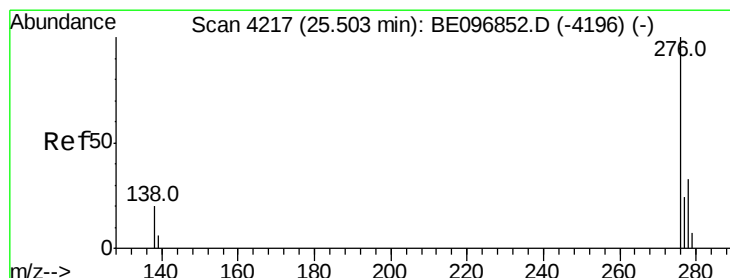
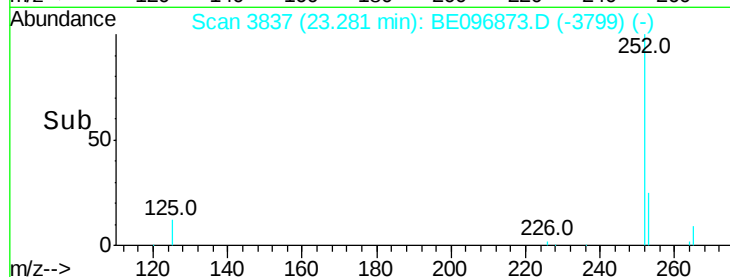
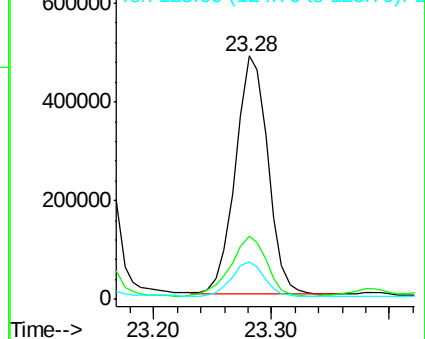
125 15.6 18.1 27.1#



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: 54.675 ng/ul

RT: 25.56 min Scan# 4232

Delta R.T. 0.05 min

Lab File: BE096873.D

Acq: 7 Jul 2018 3:26

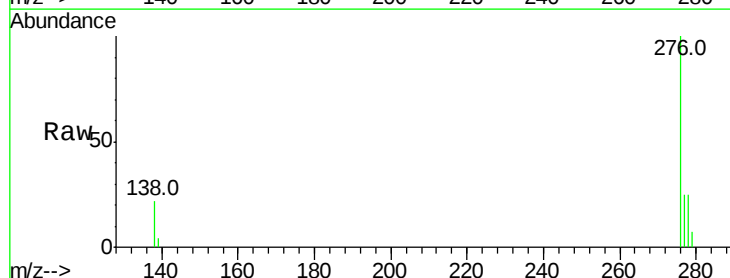
Tgt Ion:276 Resp: 2462673

Ion Ratio Lower Upper

276 100

138 21.2 28.0 42.0#

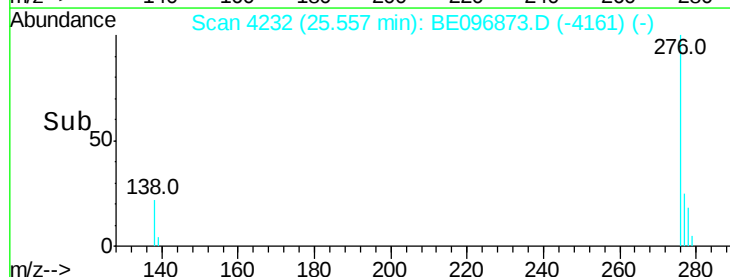
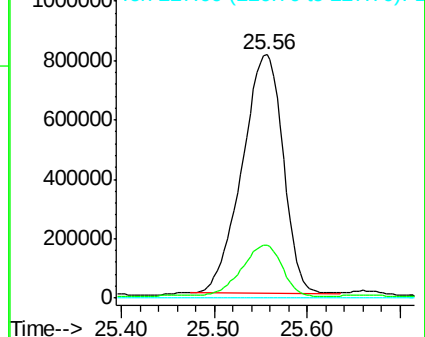
227 0.0 8.0 12.0#

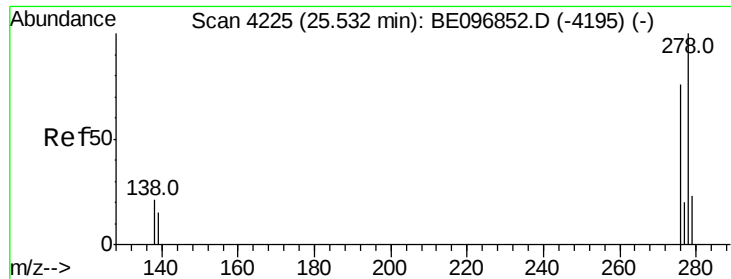


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

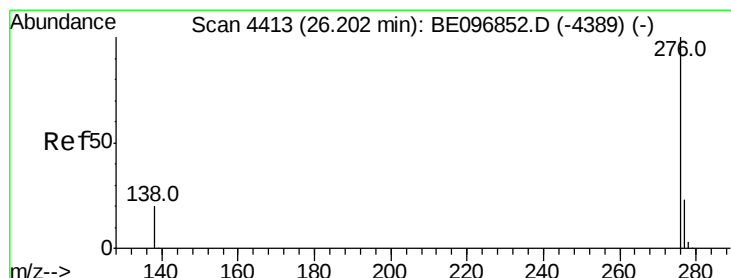
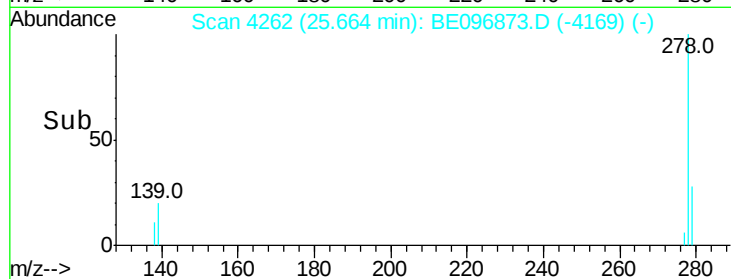
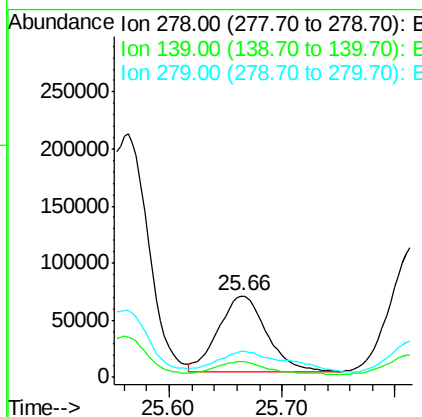
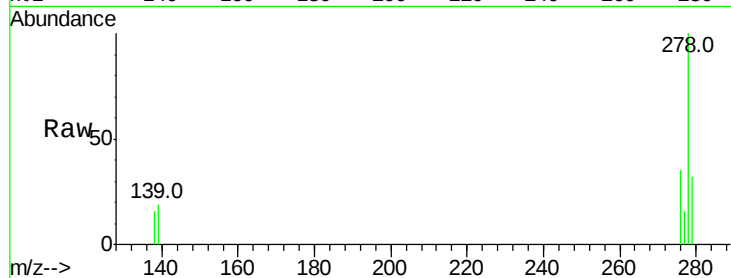




#25
Dibenzo(a,h)anthracene
Concen: 5.443 ng/ul
RT: 25.66 min Scan# 4262
Delta R.T. 0.13 min
Lab File: BE096873.D
Acq: 7 Jul 2018 3:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 194759
Ion Ratio Lower Upper
278 100
139 19.3 17.4 26.0
279 31.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 47.741 ng/ul
RT: 26.26 min Scan# 4430
Delta R.T. 0.06 min
Lab File: BE096873.D
Acq: 7 Jul 2018 3:26

Tgt Ion:276 Resp: 2087255
Ion Ratio Lower Upper
276 100
138 21.8 21.8 32.8#
277 24.6 20.5 30.7

