

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096956.D
 Acq On : 17 Jul 2018 12:58
 Operator : SJ/JU
 Sample : SST0.864
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST0.864

Quant Time: Jul 17 13:48:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 13:01:30 2018
 Response via : Initial Calibration

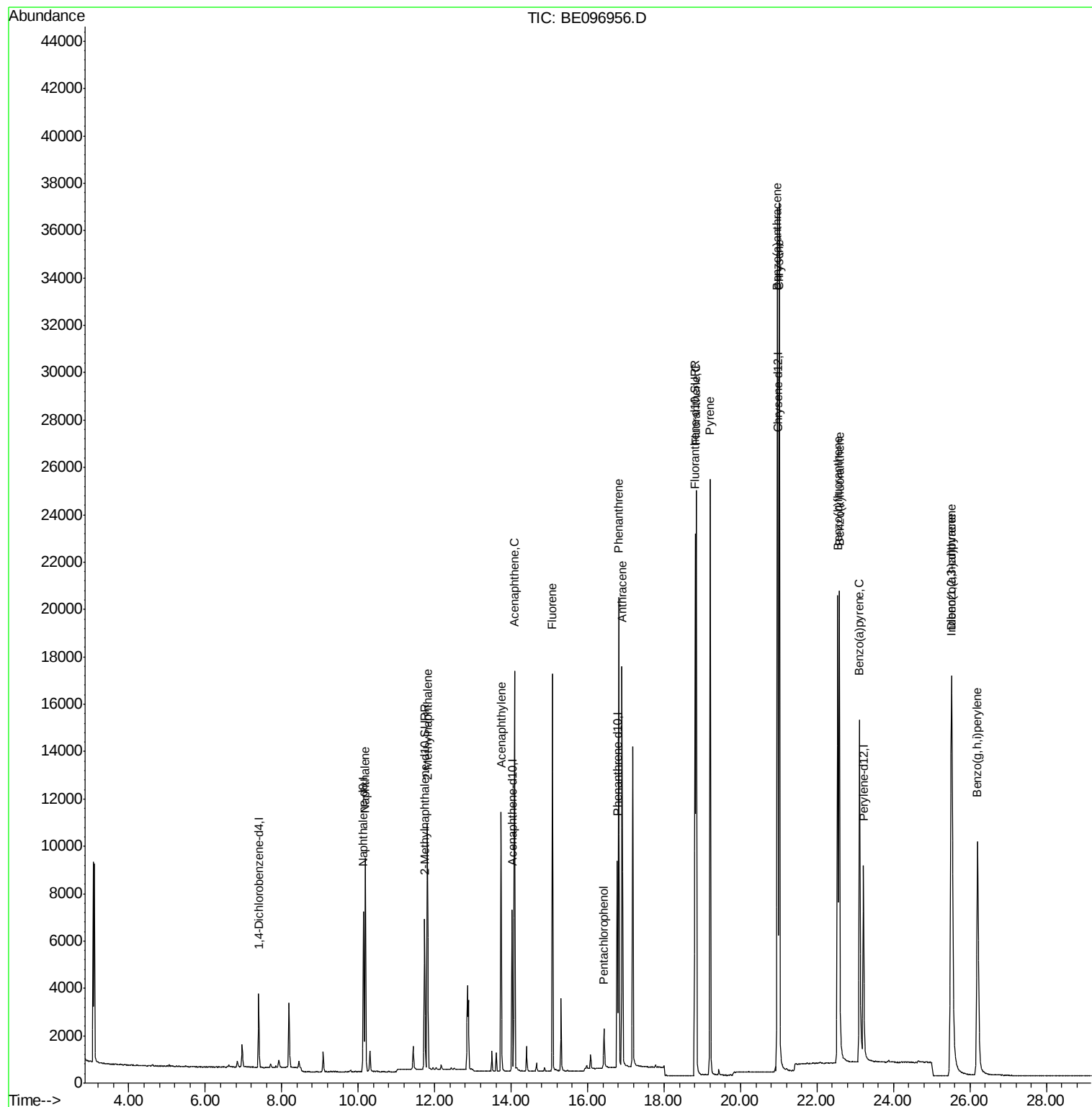
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1487	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	6868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3567	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10257	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	13003	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11370	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8764	0.78	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	24908	0.98	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	13160	0.793	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	8768	0.775	ng/ul	97
7) Acenaphthylene	13.74	152	12439	0.851	ng/ul	96
8) Acenaphthene	14.08	153	9576	0.793	ng/ul#	95
9) Fluorene	15.08	166	10483	0.842	ng/ul	94
11) Pentachlorophenol	16.43	266	858	1.278	ng/ul	96
12) Phenanthrene	16.81	178	20940	0.792	ng/ul#	88
13) Anthracene	16.90	178	18781	0.836	ng/ul#	91
15) Fluoranthene	18.84	202	28064	0.996	ng/ul	84
17) Pyrene	19.21	202	27602	0.647	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	27197	0.887	ng/ul#	86
19) Chrysene	21.01	228	29793	0.750	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	26931	0.868	ng/ul	82
22) Benzo(k)fluoranthene	22.58	252	26388	0.779	ng/ul#	84
23) Benzo(a)pyrene	23.11	252	23014	0.877	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.51	276	26279	0.964	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	21973	1.015	ng/ul#	87
26) Benzo(g,h,i)perylene	26.20	276	23086	0.873	ng/ul#	93

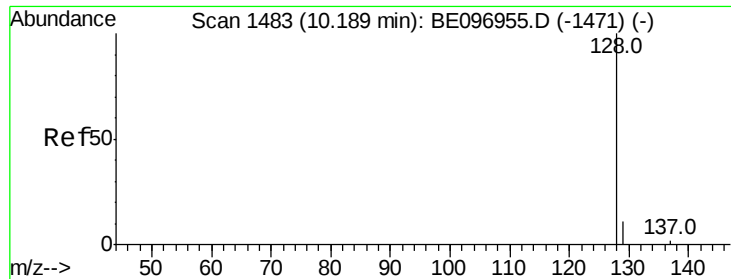
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.793 ng/ul

RT: 10.19 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.864

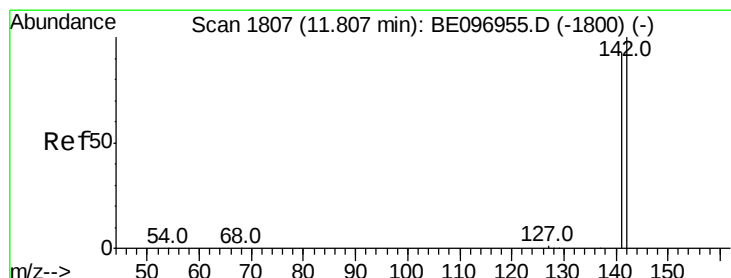
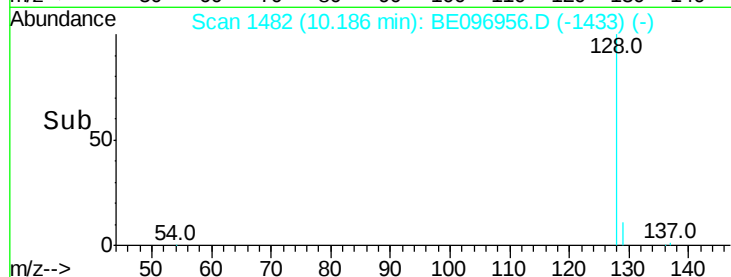
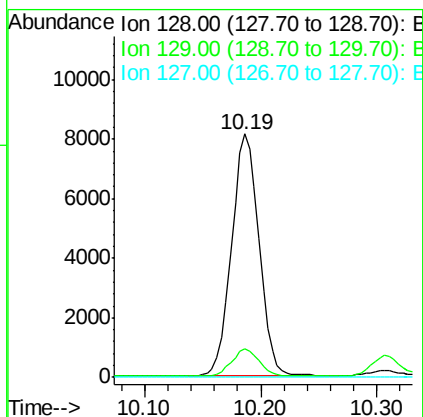
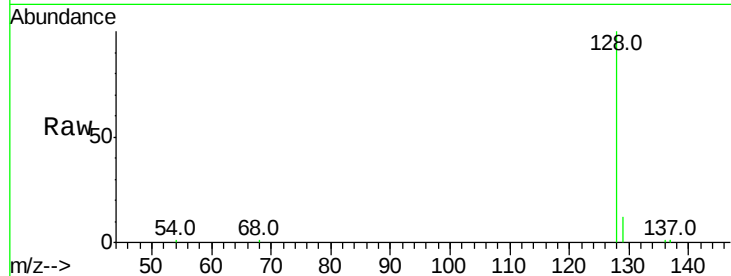
Tot Ion:128 Resp: 13160

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.775 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE096956.D

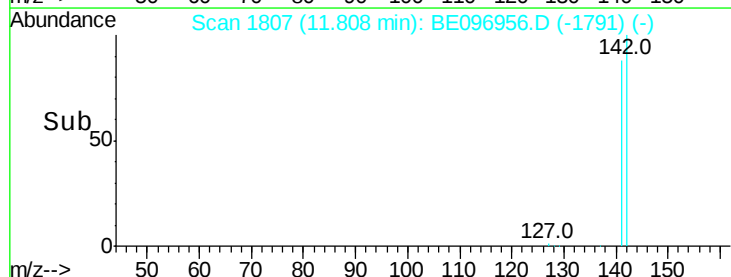
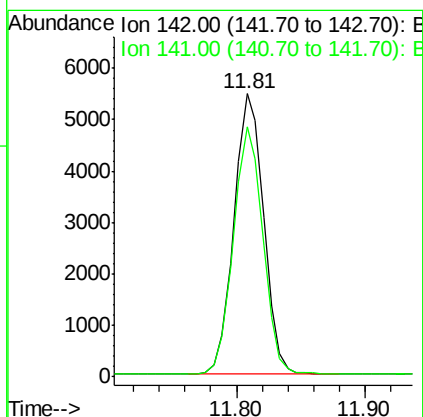
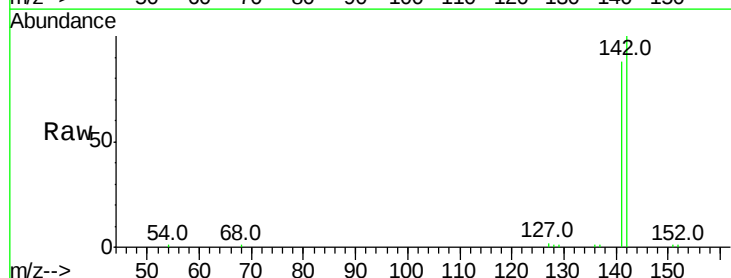
Acq: 17 Jul 2018 12:58

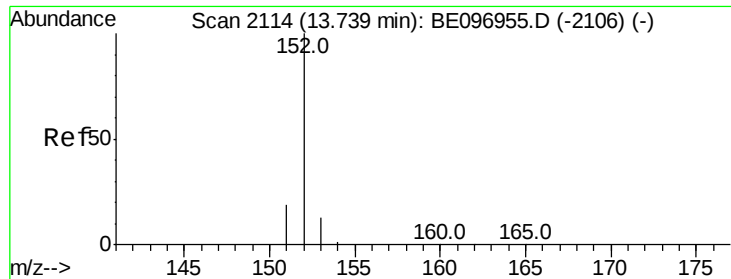
Tgt Ion:142 Resp: 8768

Ion Ratio Lower Upper

142 100

141 87.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.851 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.864

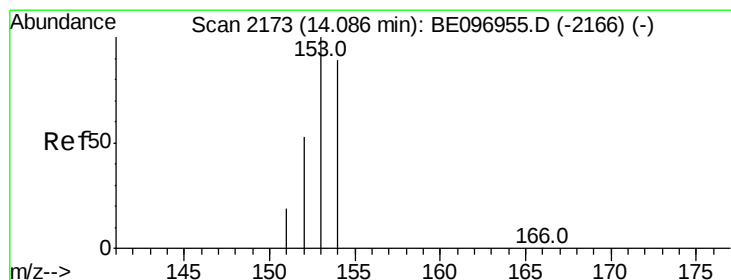
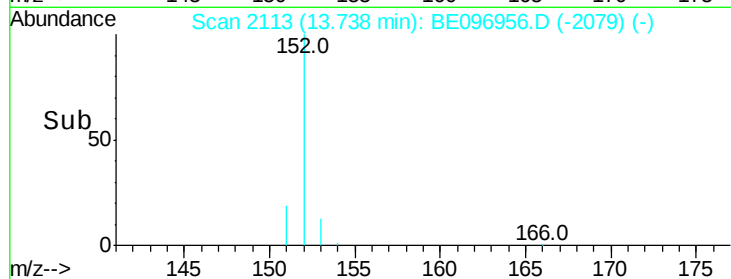
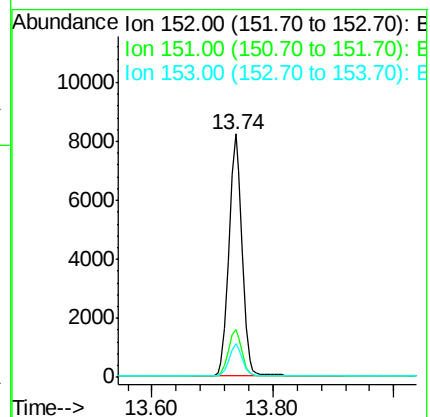
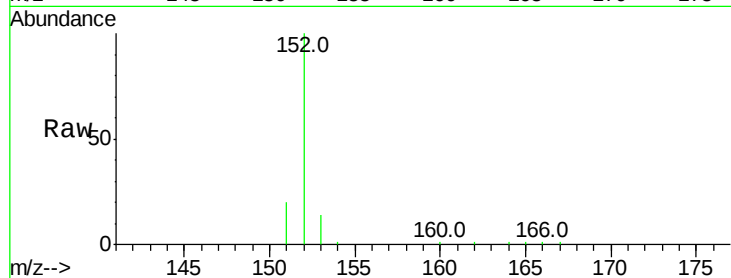
Tot Ion:152 Resp: 12439

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

153 13.6 12.8 19.2



#8

Acenaphthene

Concen: 0.793 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

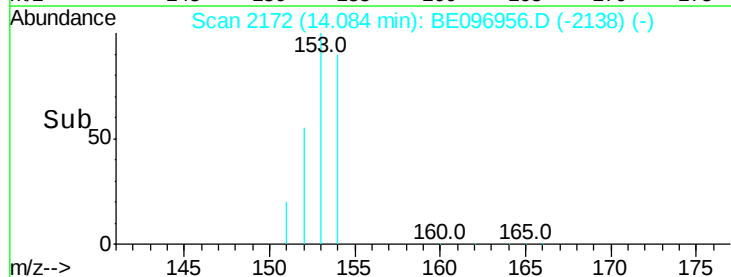
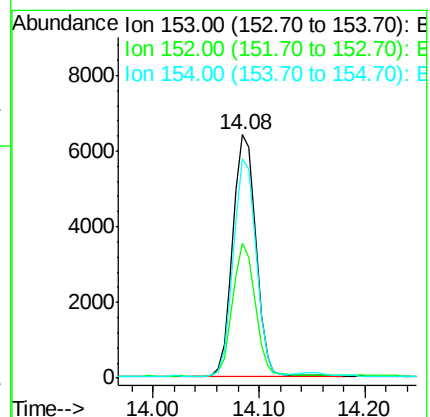
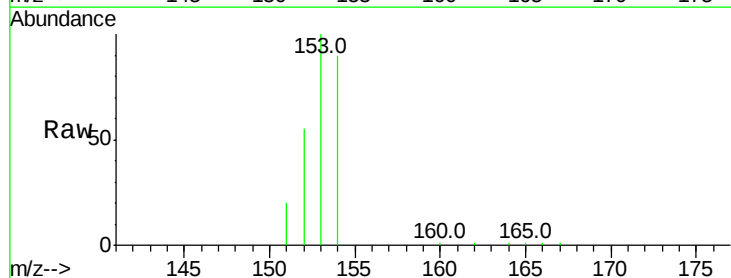
Tgt Ion:153 Resp: 9576

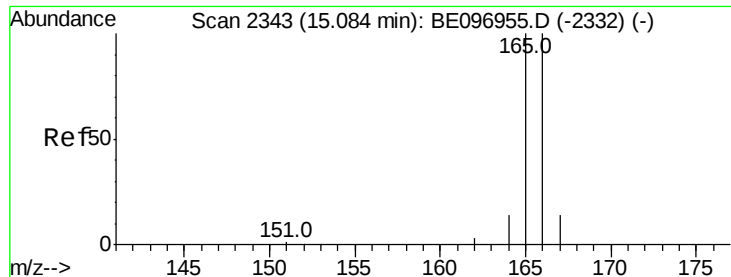
Ion Ratio Lower Upper

153 100

152 55.3 36.0 54.0#

154 89.8 72.0 108.0





#9

Fluorene

Concen: 0.842 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.864

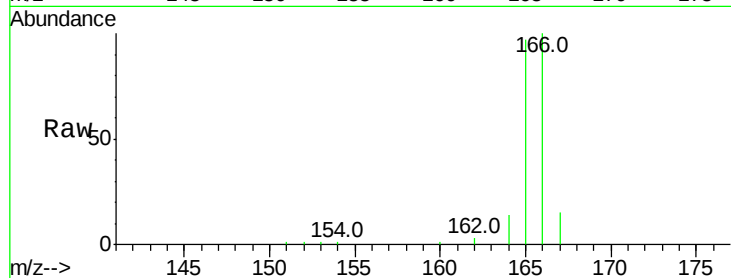
Tot Ion:166 Resp: 10483

Ion Ratio Lower Upper

166 100

165 96.6 73.4 110.2

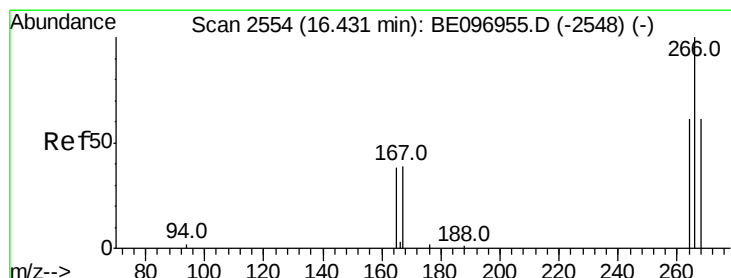
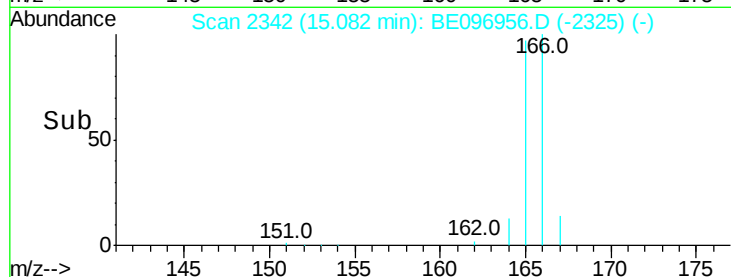
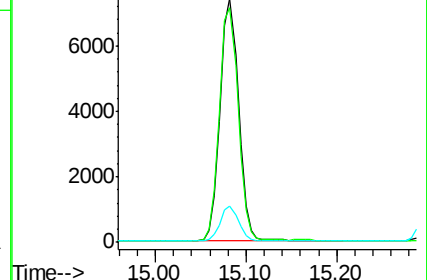
167 14.9 14.6 22.0



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



#11

Pentachlorophenol

Concen: 1.278 ng/ul

RT: 16.43 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

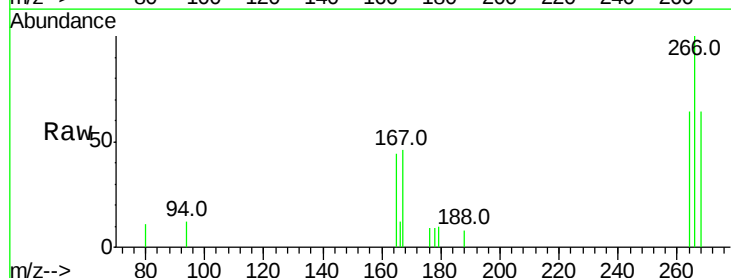
Tgt Ion:266 Resp: 858

Ion Ratio Lower Upper

266 100

264 62.7 47.9 71.9

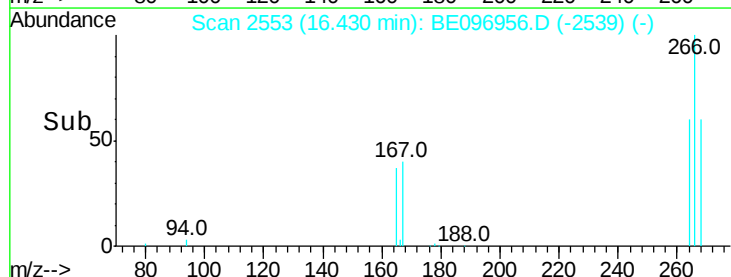
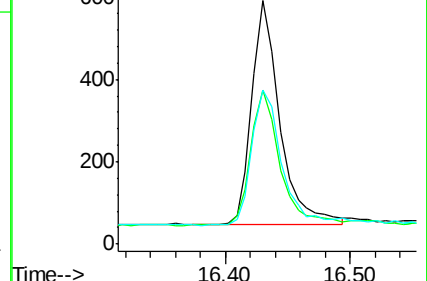
268 65.7 49.8 74.8

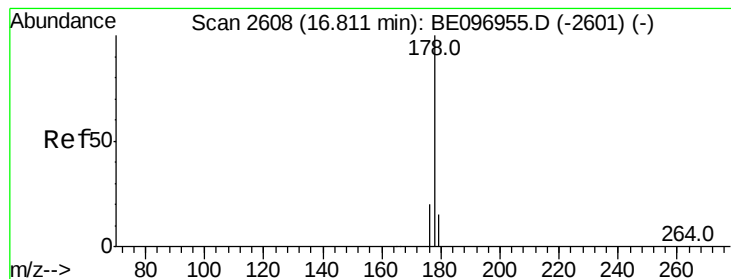


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.792 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.864

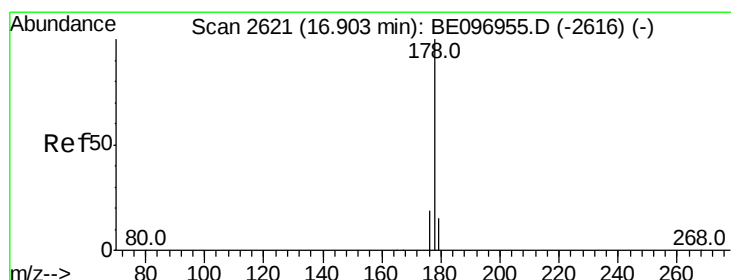
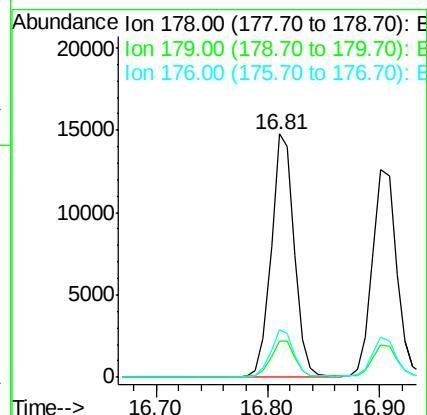
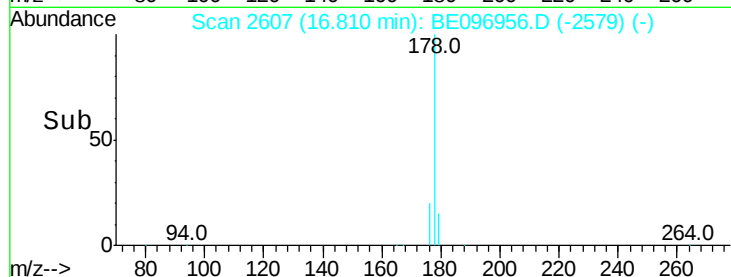
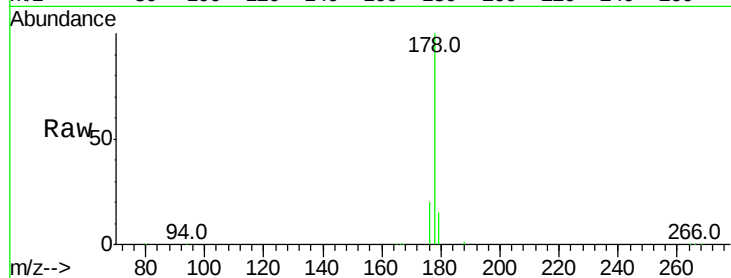
Tot Ion:178 Resp: 20940

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 19.8 13.6 20.4



#13

Anthracene

Concen: 0.836 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

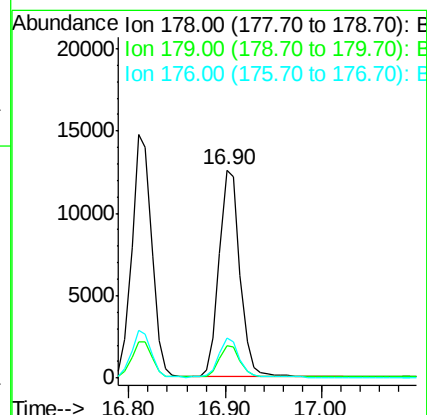
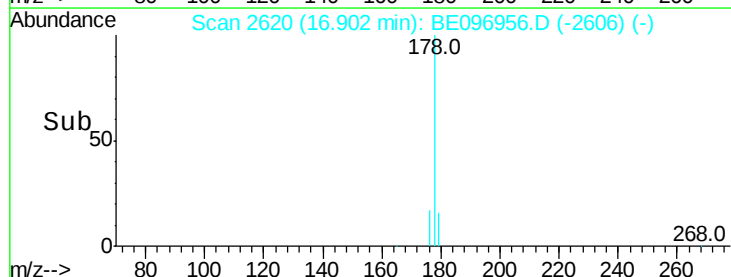
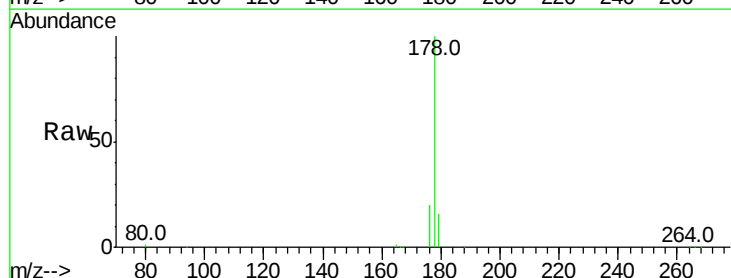
Tgt Ion:178 Resp: 18781

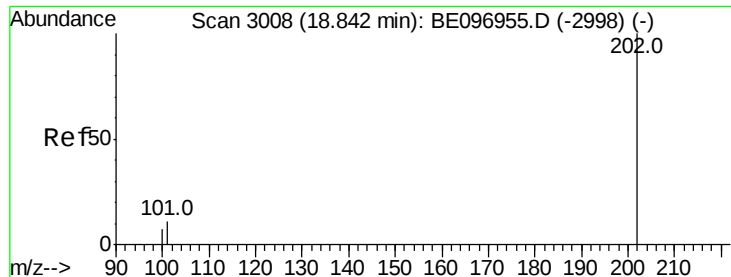
Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

176 19.6 14.7 22.1

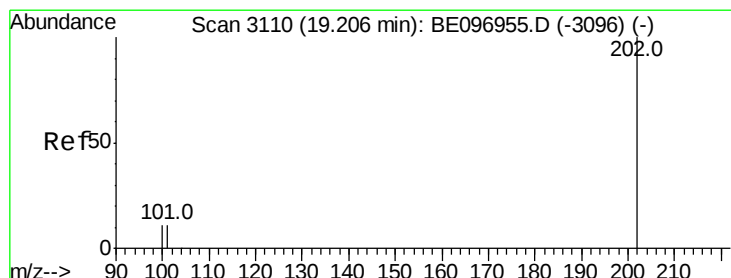
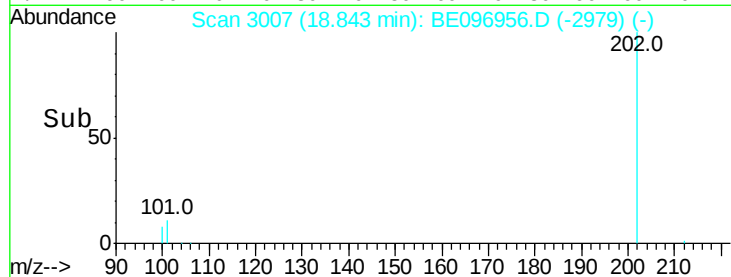
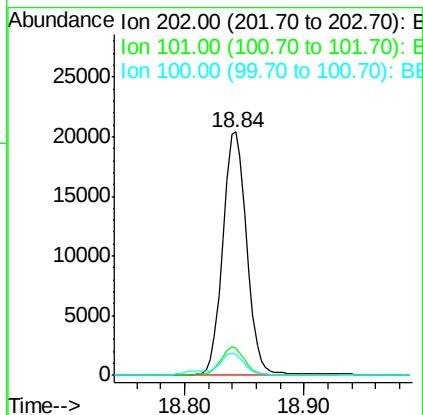
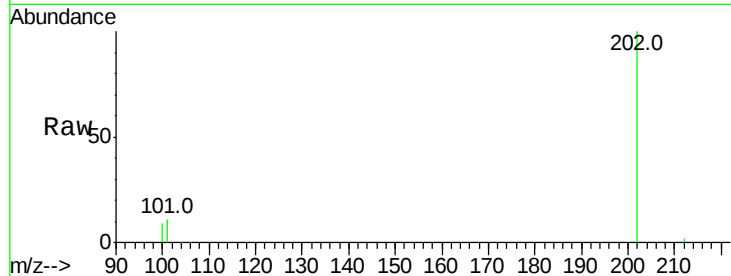




#15
Fluoranthene
 Concen: 0.996 ng/ul
 RT: 18.84 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BE096956.D
 Acq: 17 Jul 2018 12:58

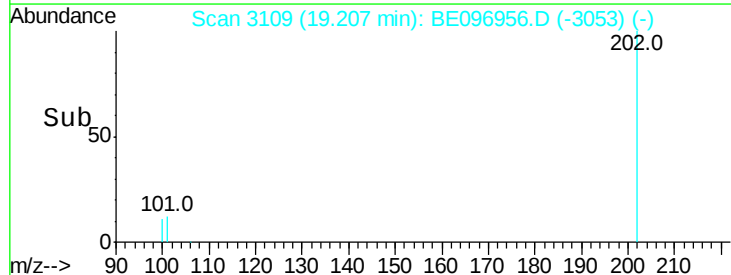
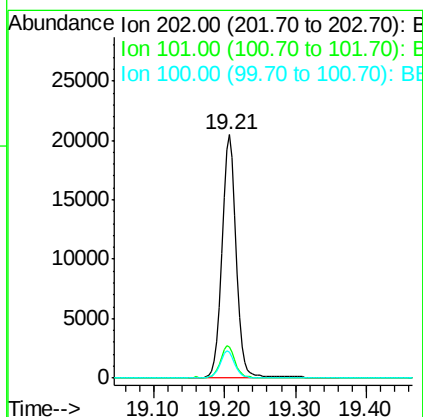
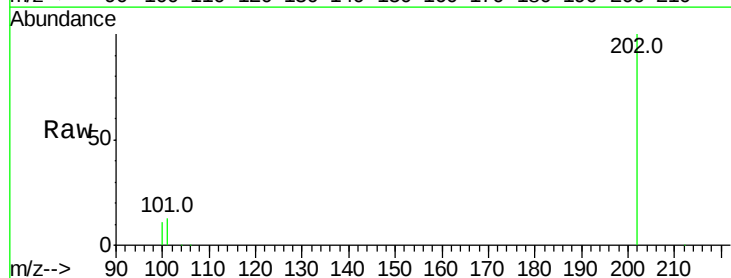
Instrument :
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 SST0.864

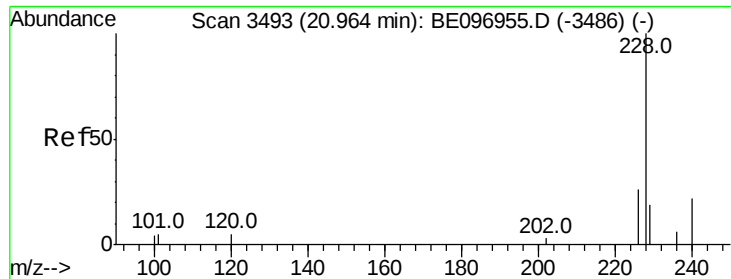
Tot Ion:202 Resp: 28064
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 100 8.6 0.0 39.5



#17
Pyrene
 Concen: 0.647 ng/ul
 RT: 19.21 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BE096956.D
 Acq: 17 Jul 2018 12:58

Tgt Ion:202 Resp: 27602
 Ion Ratio Lower Upper
 202 100
 101 12.8 18.2 27.4#
 100 10.8 15.6 23.4#

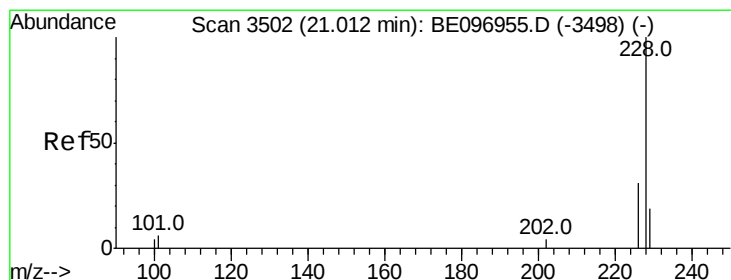
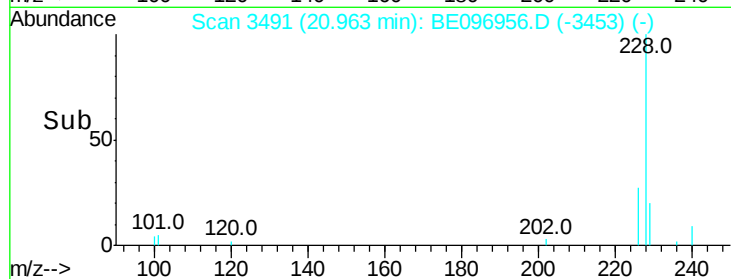
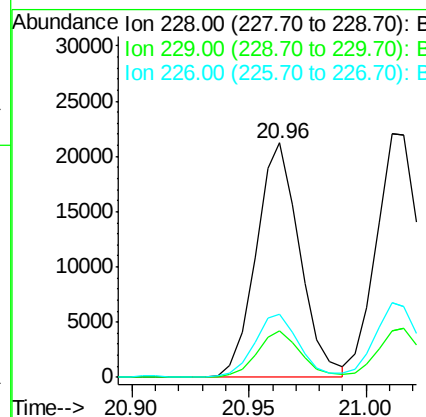
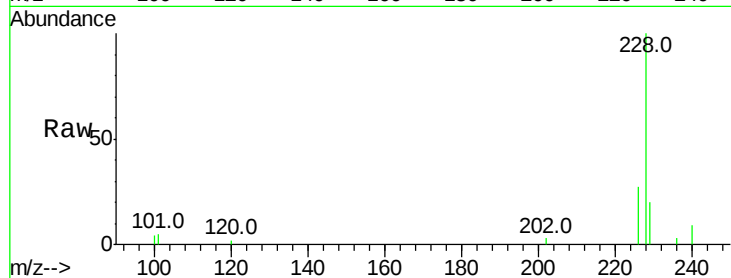




#18
Benzo(a)anthracene
Concen: 0.887 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE096956.D
Acq: 17 Jul 2018 12:58

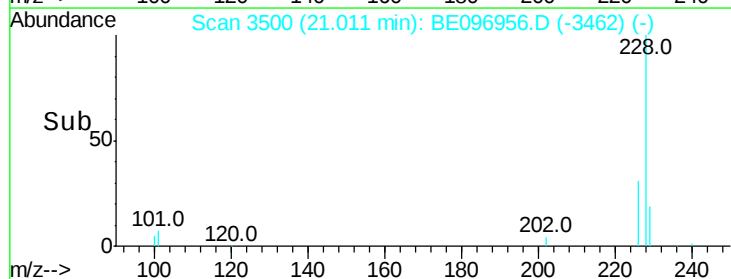
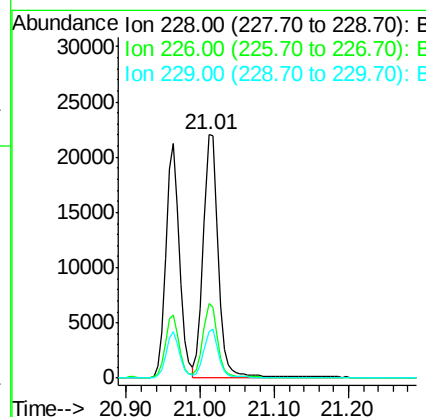
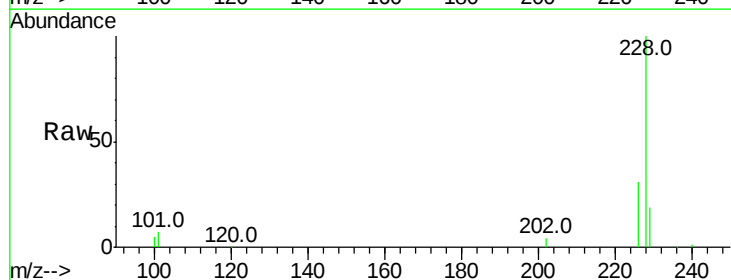
Instrument :
BNA_E
ClientSampleId :
SSTD0.864

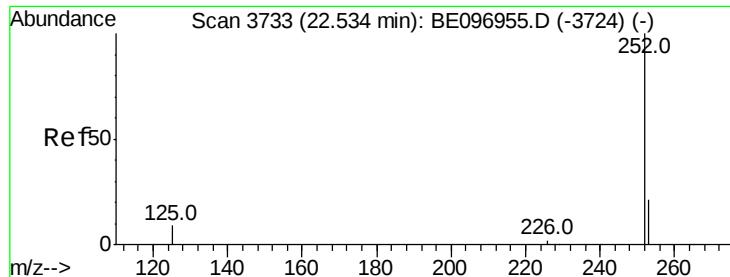
Tot Ion:228 Resp: 27197
Ion Ratio Lower Upper
228 100
229 20.0 22.8 34.2#
226 27.1 17.0 25.6#



#19
Chrysene
Concen: 0.750 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE096956.D
Acq: 17 Jul 2018 12:58

Tgt Ion:228 Resp: 29793
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 19.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.868 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.864

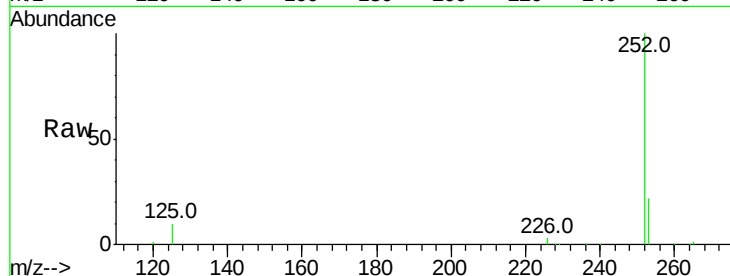
Tot Ion:252 Resp: 26931

Ion Ratio Lower Upper

252 100

253 22.0 0.0 64.2

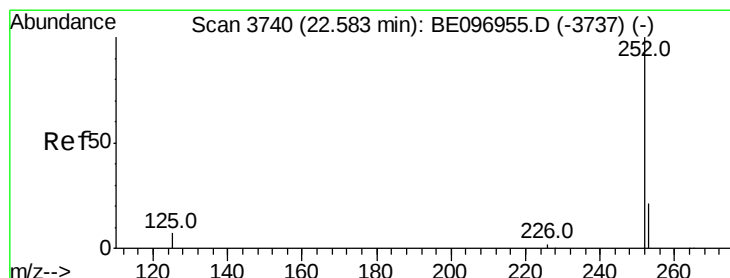
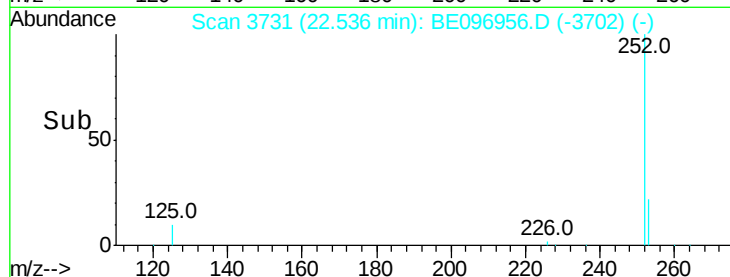
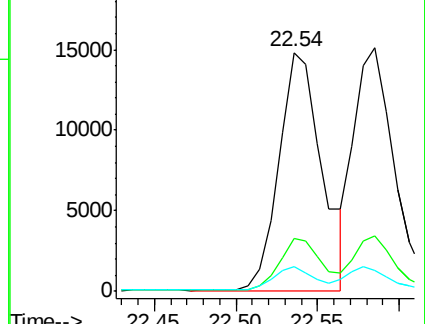
125 10.2 0.0 35.0



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: 0.779 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

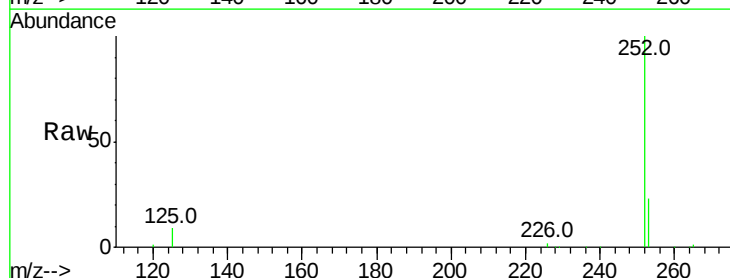
Tgt Ion:252 Resp: 26388

Ion Ratio Lower Upper

252 100

253 22.6 24.5 36.7#

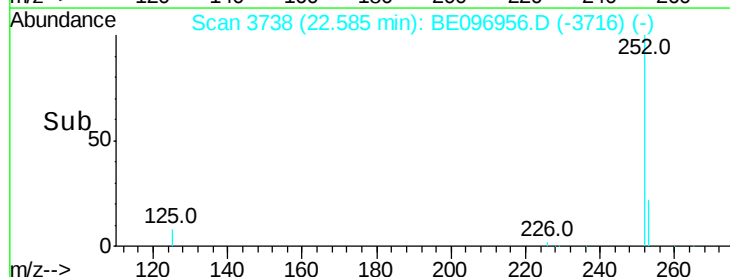
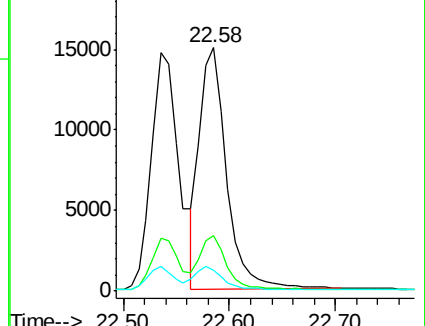
125 8.8 13.7 20.5#

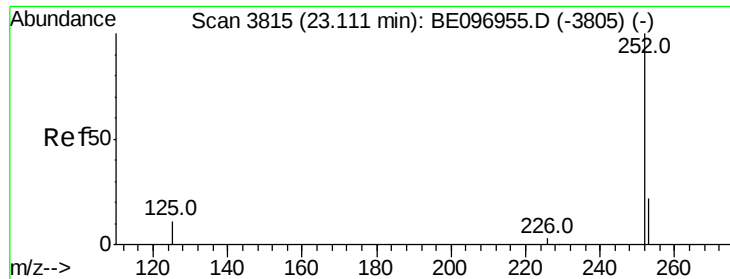


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.877 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.864

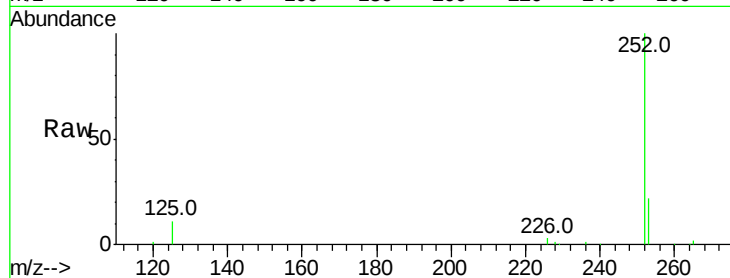
Tot Ion:252 Resp: 23014

Ion Ratio Lower Upper

252 100

253 22.0 28.5 42.7#

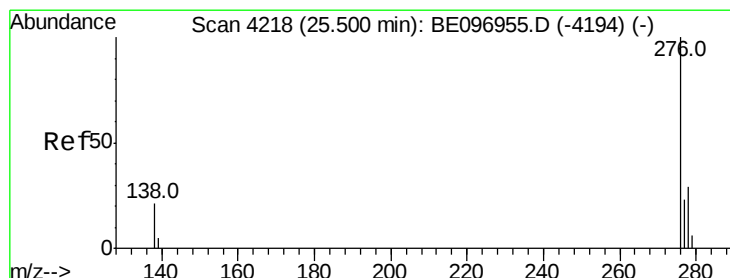
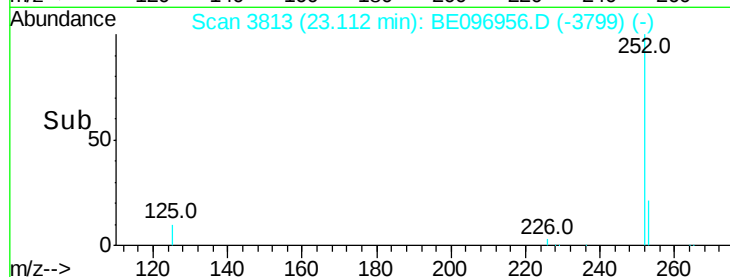
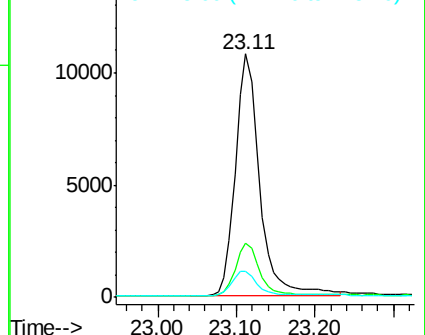
125 10.8 18.1 27.1#



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: 0.964 ng/ul

RT: 25.51 min Scan# 4218

Delta R.T. 0.01 min

Lab File: BE096956.D

Acq: 17 Jul 2018 12:58

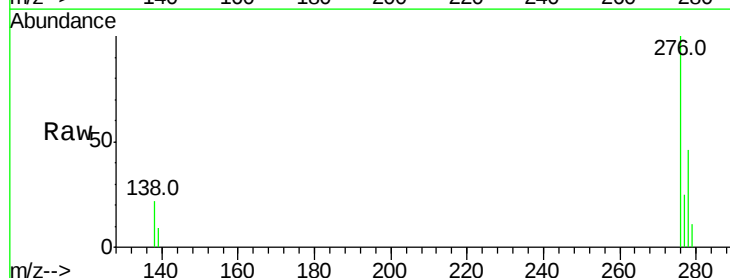
Tgt Ion:276 Resp: 26279

Ion Ratio Lower Upper

276 100

138 24.5 28.0 42.0#

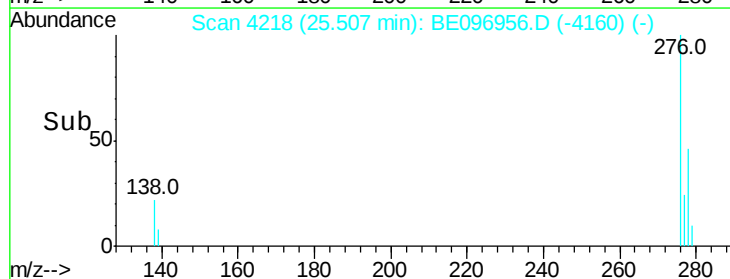
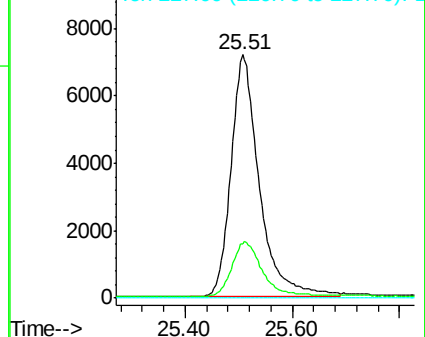
227 0.0 8.0 12.0#

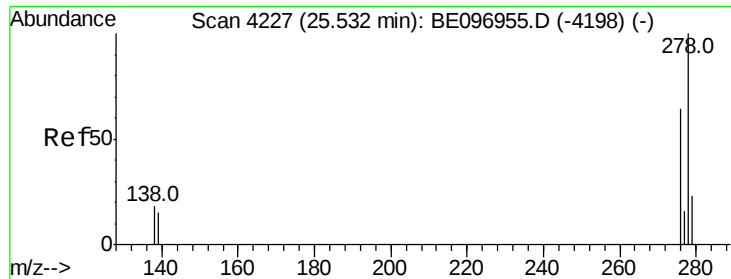


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

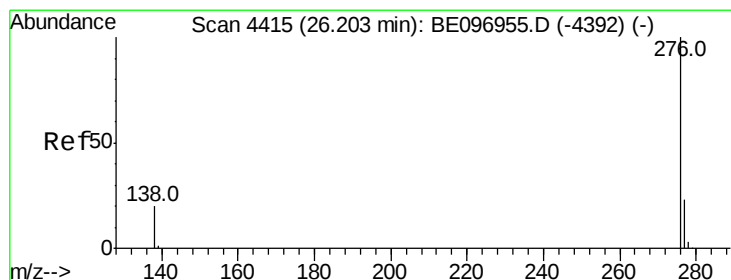
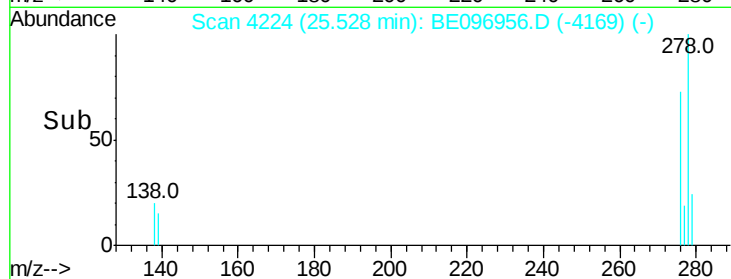
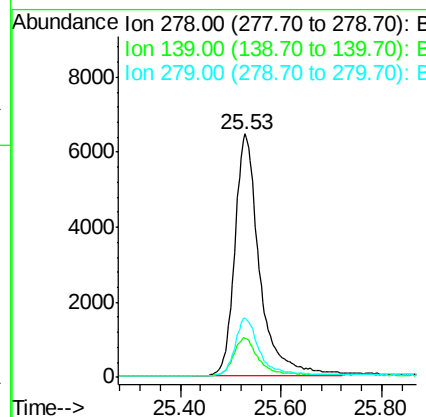
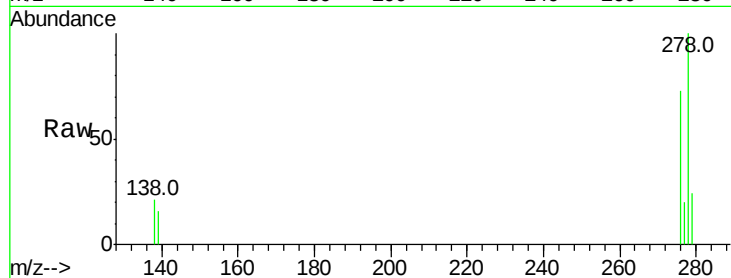




#25
Dibenzo(a,h)anthracene
Concen: 1.015 ng/ul
RT: 25.53 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BE096956.D
Acq: 17 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :
SSTD0.864

Tot Ion:278 Resp: 21973
Ion Ratio Lower Upper
278 100
139 16.1 17.4 26.0#
279 24.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.873 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE096956.D
Acq: 17 Jul 2018 12:58

Tgt Ion:276 Resp: 23086
Ion Ratio Lower Upper
276 100
138 21.8 21.8 32.8#
277 24.3 20.5 30.7

