

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096856.D
 Acq On : 6 Jul 2018 16:53
 Operator : SJ/JU
 Sample : SST0.4ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SICV50

Quant Time: Jul 06 17:30:38 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	3086	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	15176	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8289	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	22100	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	17581	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	14280	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.74	152	9910	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	20940	0.38	ng/ul	0.00

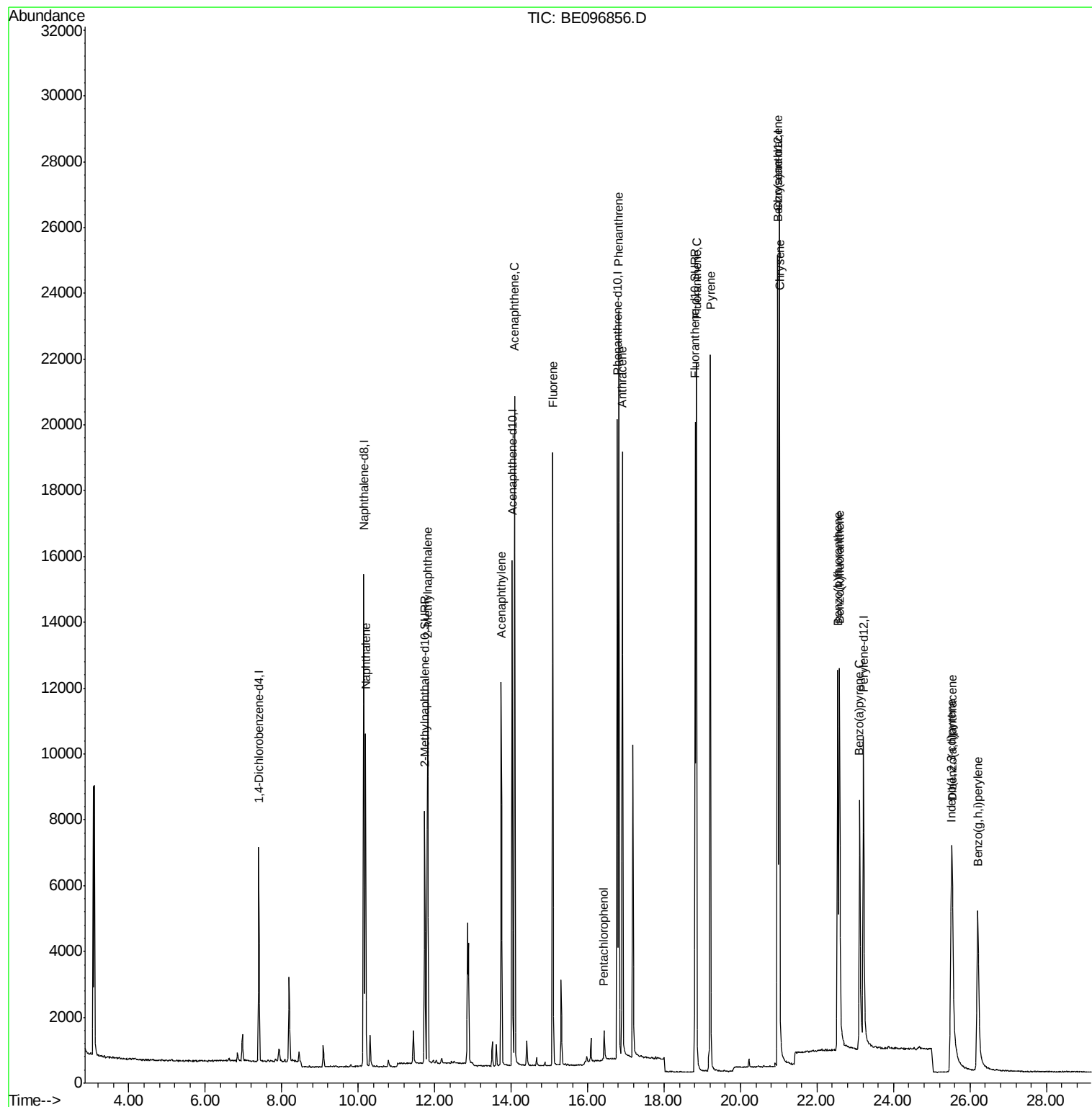
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.19	128	14764	0.402	ng/ul#	92
5) 2-Methylnaphthalene	11.81	142	10014	0.401	ng/ul	97
7) Acenaphthylene	13.74	152	13501	0.397	ng/ul	97
8) Acenaphthene	14.09	153	11103	0.396	ng/ul#	93
9) Fluorene	15.08	166	11482	0.397	ng/ul	93
11) Pentachlorophenol	16.43	266	475	0.328	ng/ul	90
12) Phenanthrene	16.82	178	22557	0.396	ng/ul#	88
13) Anthracene	16.91	178	18887	0.390	ng/ul#	92
15) Fluoranthene	18.85	202	23519	0.388	ng/ul	84
17) Pyrene	19.21	202	23901	0.414	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	16352	0.394	ng/ul#	84
19) Chrysene	21.02	228	21491	0.400	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	16044	0.412	ng/ul	82
22) Benzo(k)fluoranthene	22.59	252	17062	0.401	ng/ul#	84
23) Benzo(a)pyrene	23.11	252	13160	0.399	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	13510	0.395	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.54	278	10865	0.400	ng/ul#	85
26) Benzo(g,h,i)perylene	26.21	276	13440	0.405	ng/ul#	94

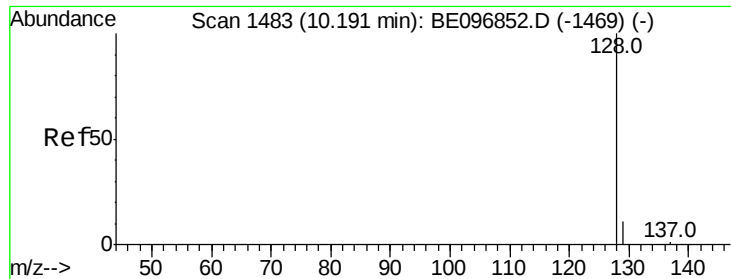
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

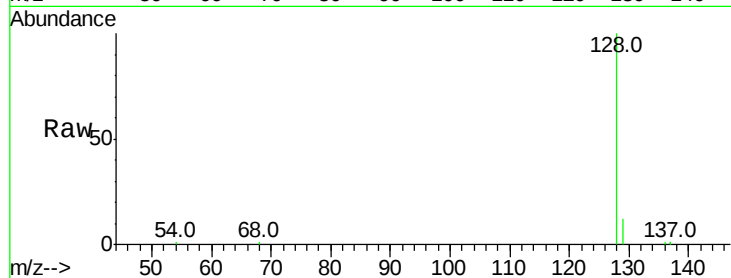
Tot Ion:128 Resp: 14764

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

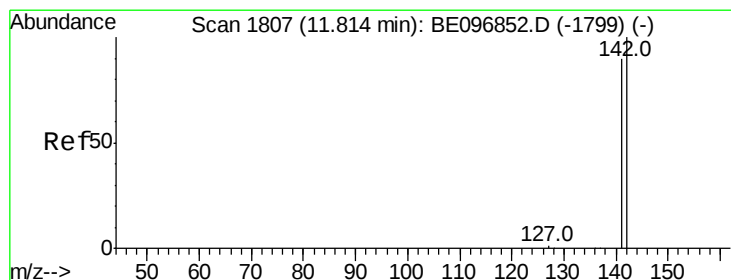
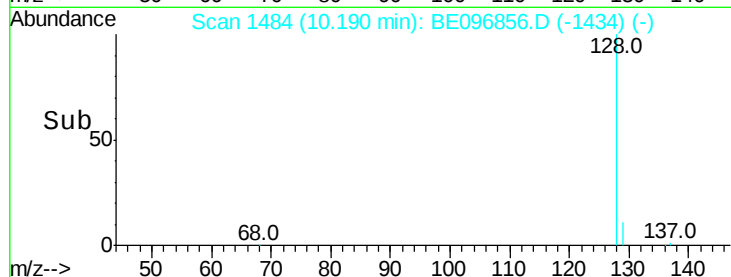
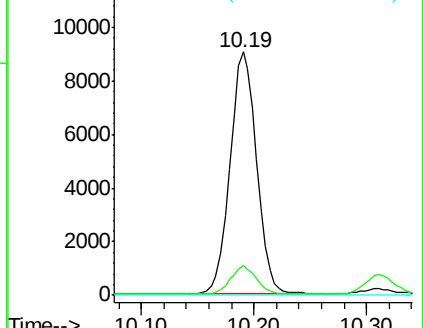
127 0.0 4.0 6.0#



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: 0.401 ng/ul

RT: 11.81 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BE096856.D

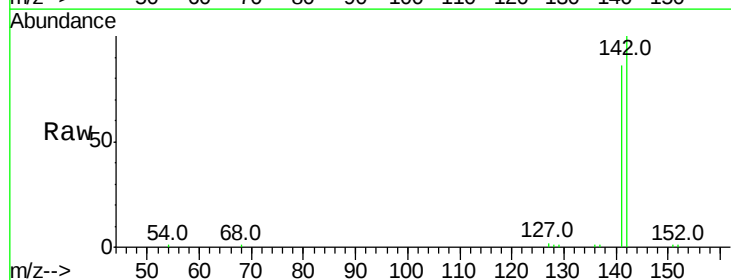
Acq: 6 Jul 2018 16:53

Tgt Ion:142 Resp: 10014

Ion Ratio Lower Upper

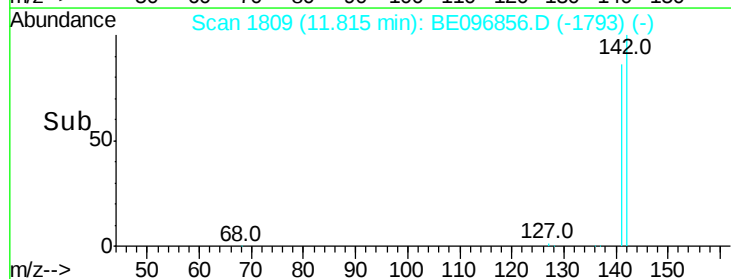
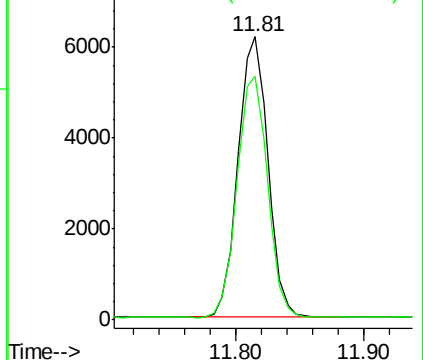
142 100

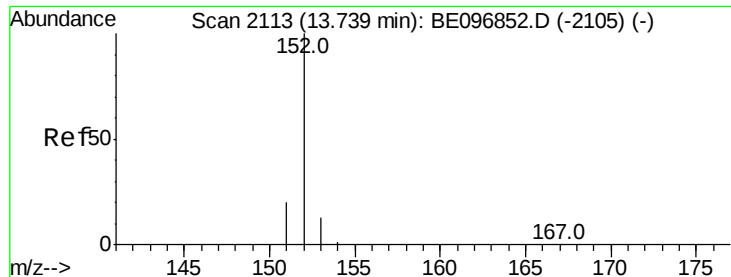
141 87.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.397 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

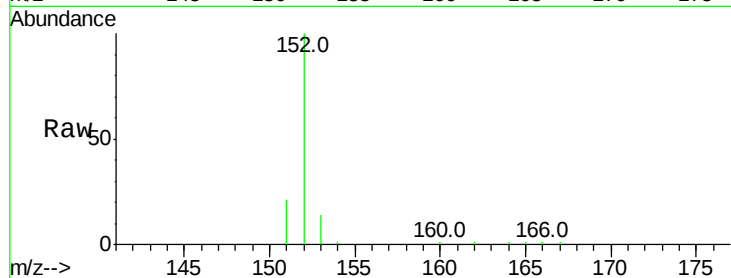
Tot Ion:152 Resp: 13501

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

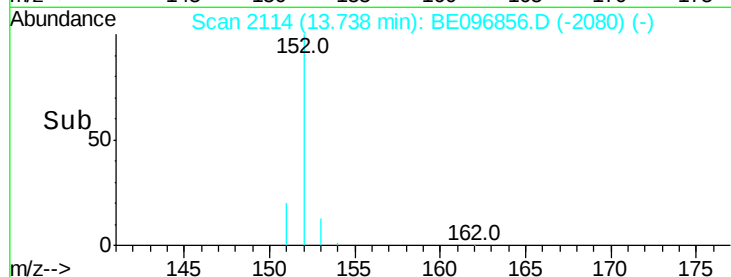
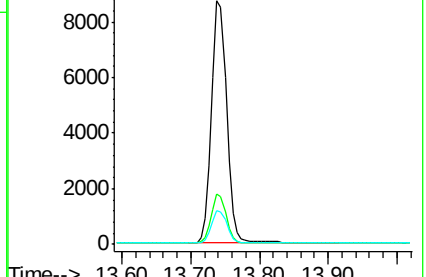
153 13.6 12.8 19.2



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: 0.396 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

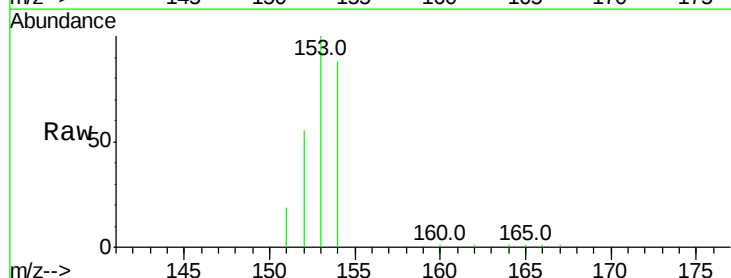
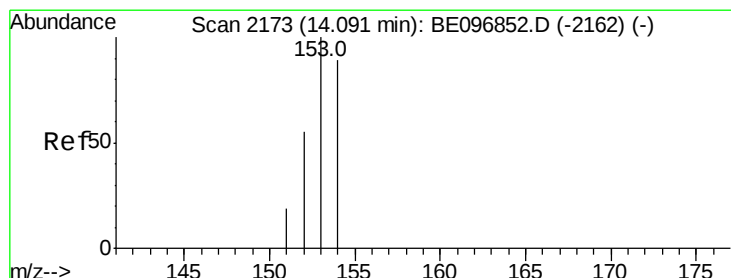
Tgt Ion:153 Resp: 11103

Ion Ratio Lower Upper

153 100

152 54.6 36.0 54.0#

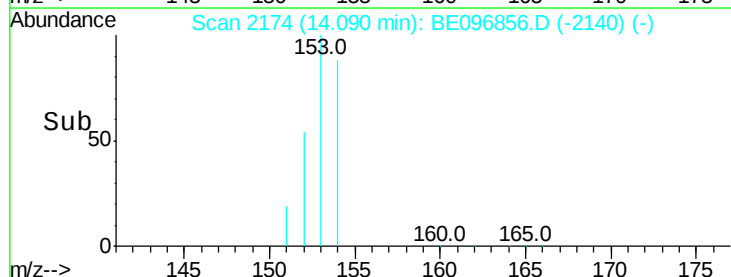
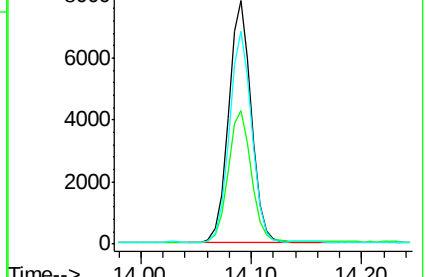
154 87.6 72.0 108.0

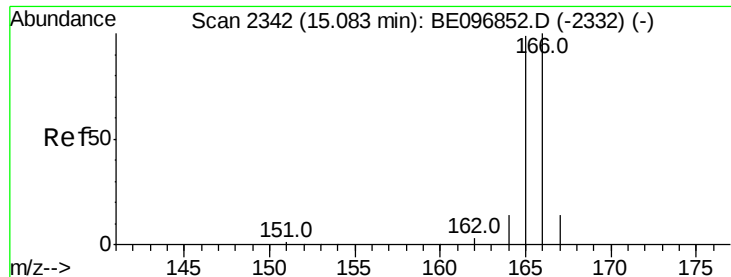


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

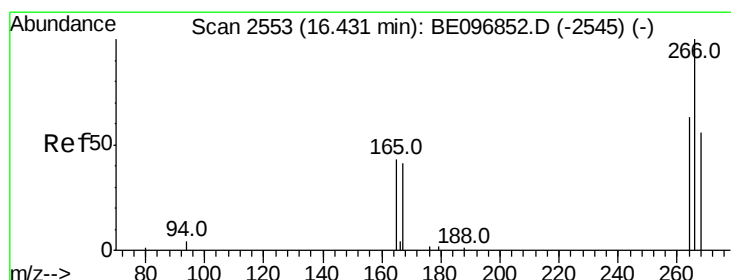
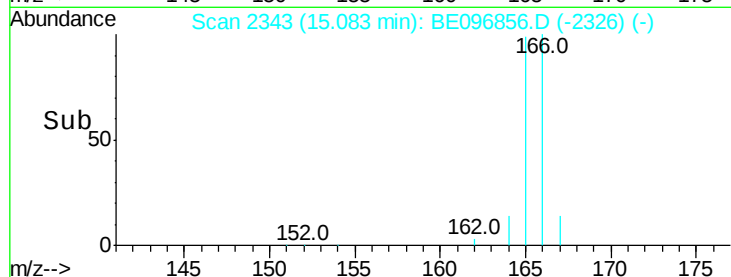
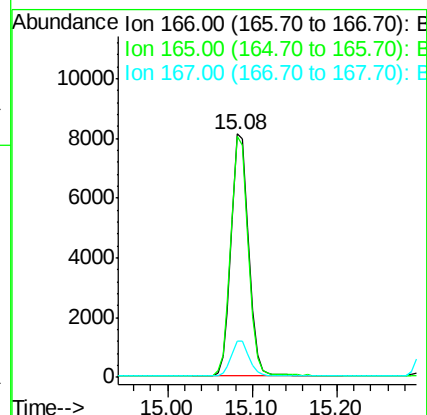
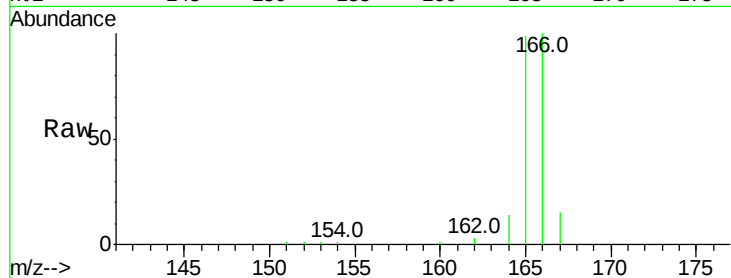
Tot Ion:166 Resp: 11482

Ion Ratio Lower Upper

166 100

165 98.8 73.4 110.2

167 14.8 14.6 22.0



#11

Pentachlorophenol

Concen: 0.328 ng/ul

RT: 16.43 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

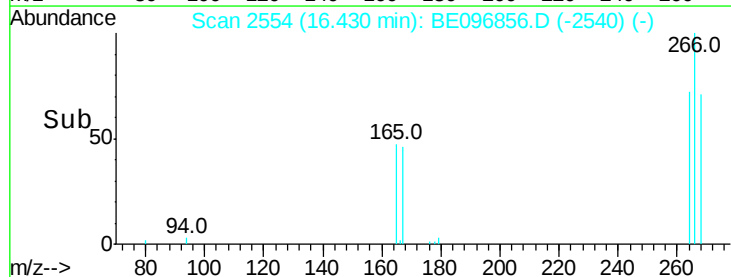
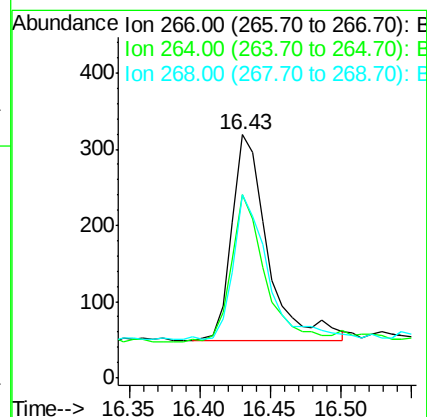
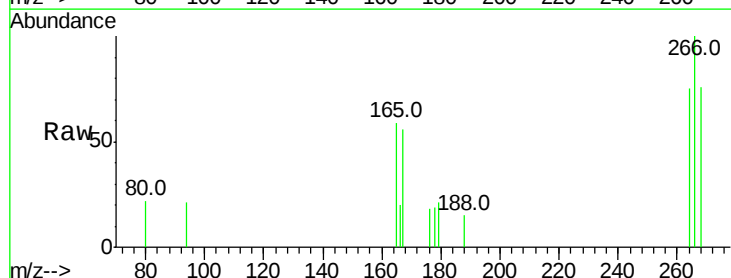
Tgt Ion:266 Resp: 475

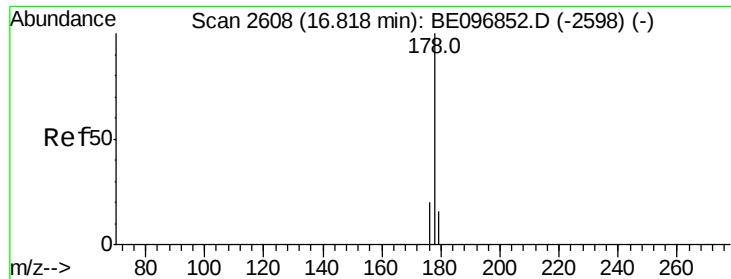
Ion Ratio Lower Upper

266 100

264 68.0 47.9 71.9

268 69.1 49.8 74.8

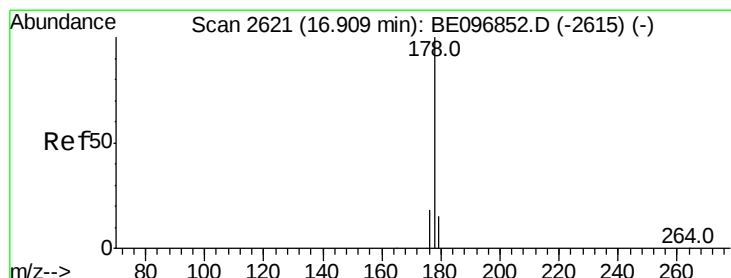
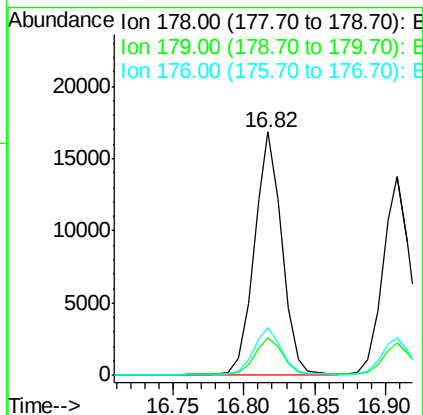
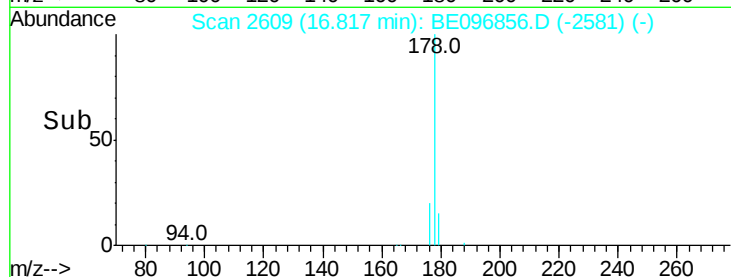
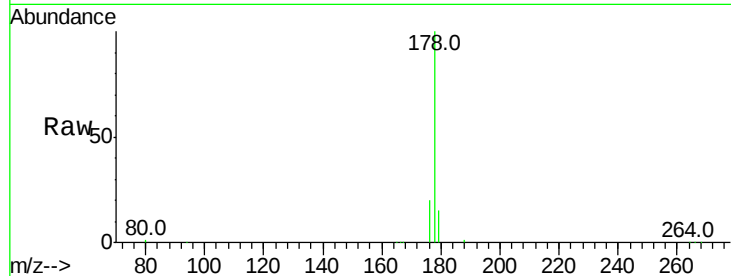




#12
Phenanthrene
Concen: 0.396 ng/ul
RT: 16.82 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BE096856.D
Acq: 6 Jul 2018 16:53

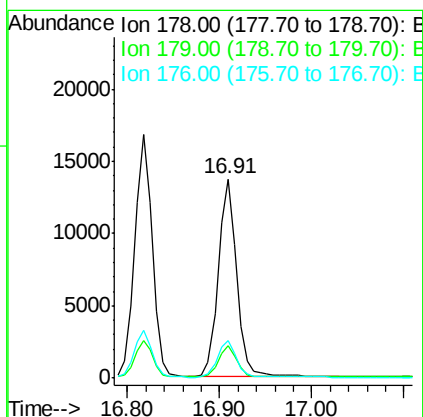
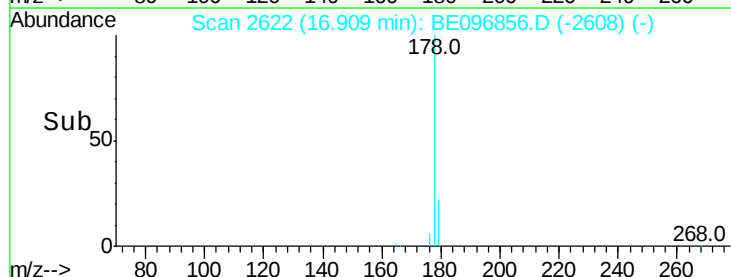
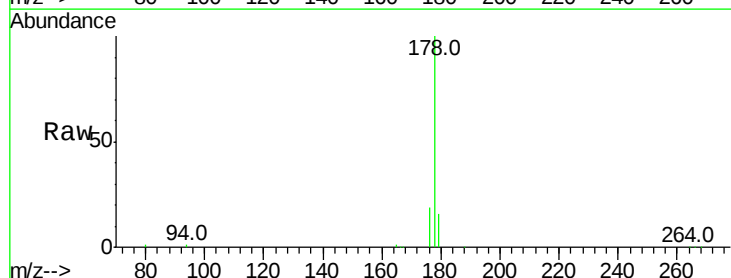
Instrument :
BNA_E
ClientSampleId :
SICV50

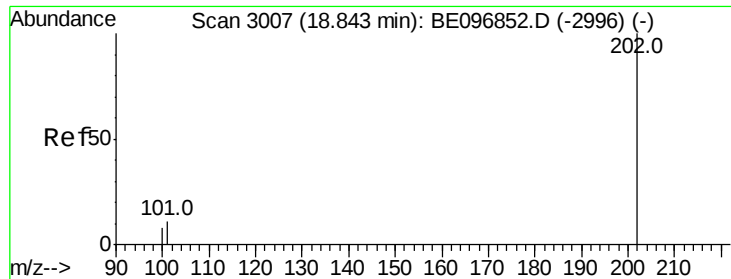
Tot Ion:178 Resp: 22557
Ion Ratio Lower Upper
178 100
179 15.5 18.4 27.6#
176 19.8 13.6 20.4



#13
Anthracene
Concen: 0.390 ng/ul
RT: 16.91 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE096856.D
Acq: 6 Jul 2018 16:53

Tgt Ion:178 Resp: 18887
Ion Ratio Lower Upper
178 100
179 16.0 18.1 27.1#
176 19.0 14.7 22.1





#15

Fluoranthene

Concen: 0.388 ng/ul

RT: 18.85 min Scan# 3009

Delta R.T. 0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

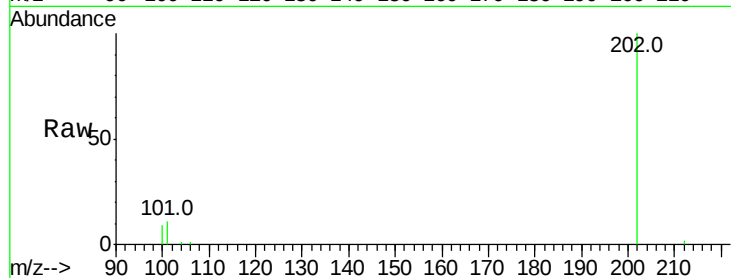
Tot Ion:202 Resp: 23519

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

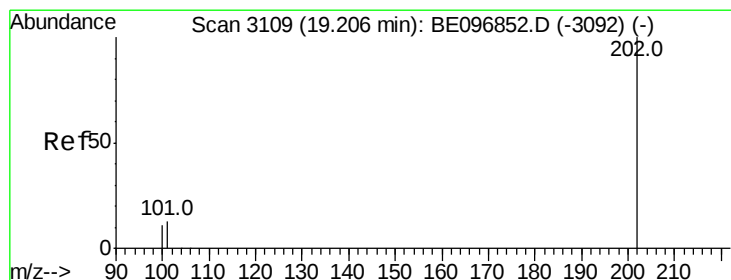
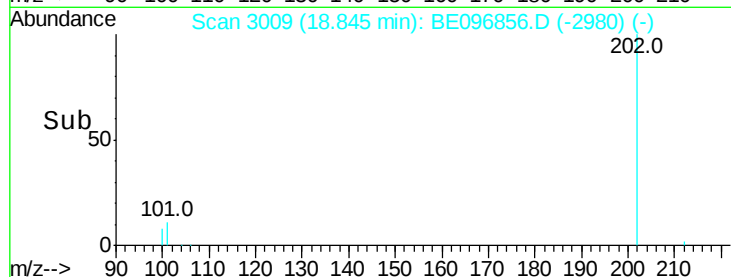
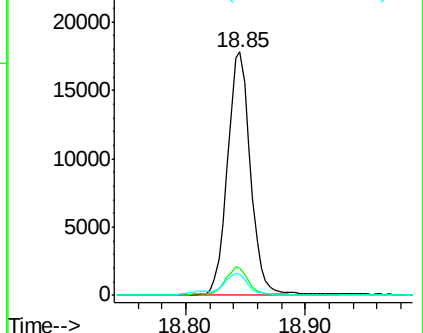
100 8.6 0.0 39.5



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: 0.414 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

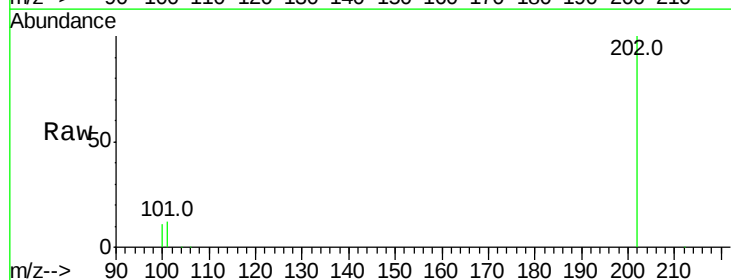
Tgt Ion:202 Resp: 23901

Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

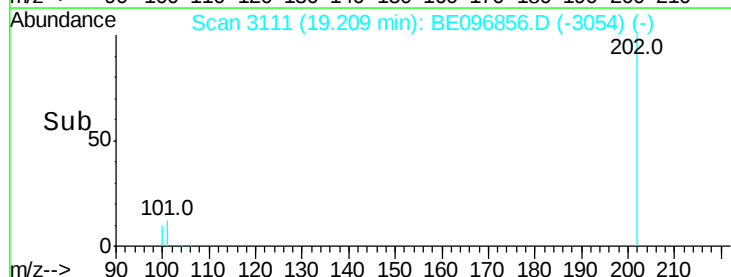
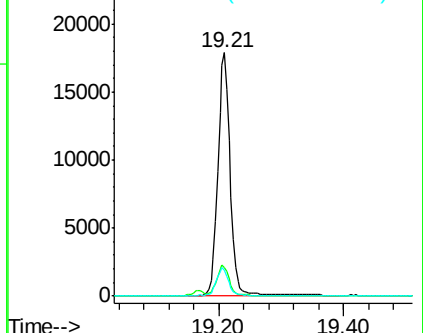
100 10.6 15.6 23.4#

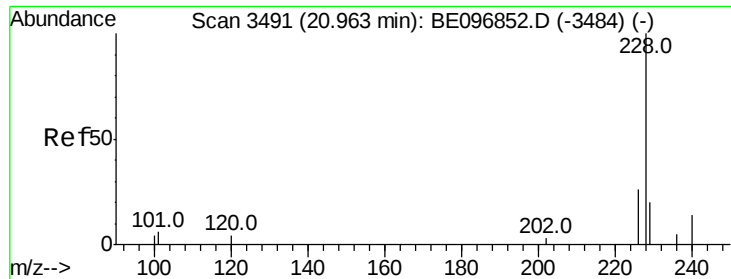


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.394 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

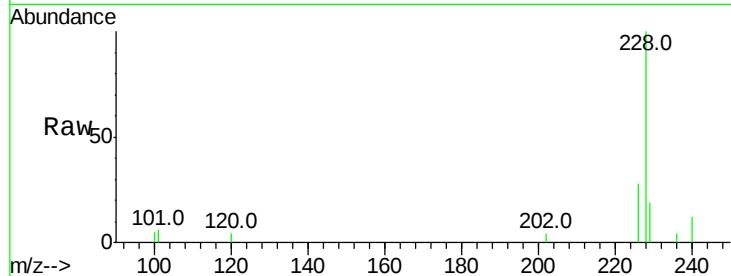
Tot Ion:228 Resp: 16352

Ion Ratio Lower Upper

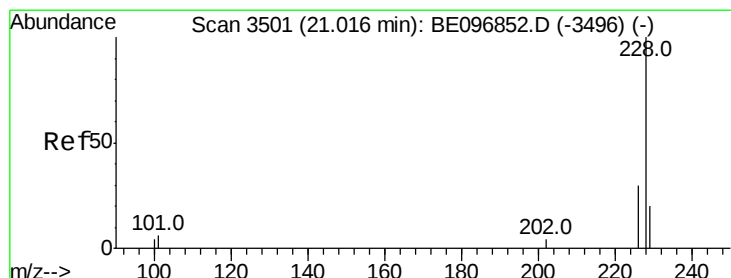
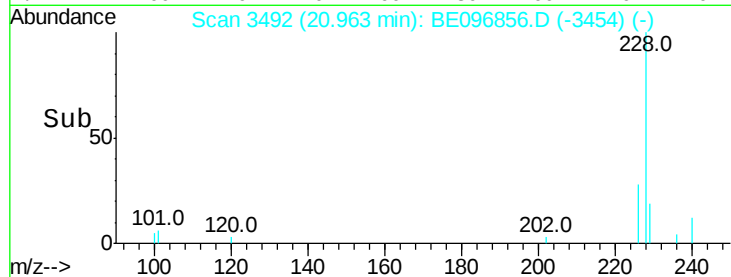
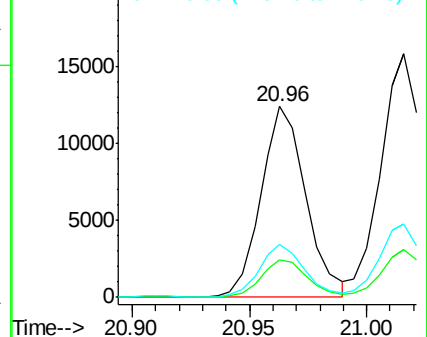
228 100

229 19.5 22.8 34.2#

226 27.9 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: 0.400 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

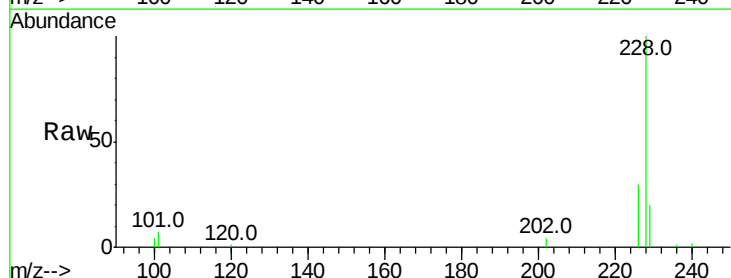
Tgt Ion:228 Resp: 21491

Ion Ratio Lower Upper

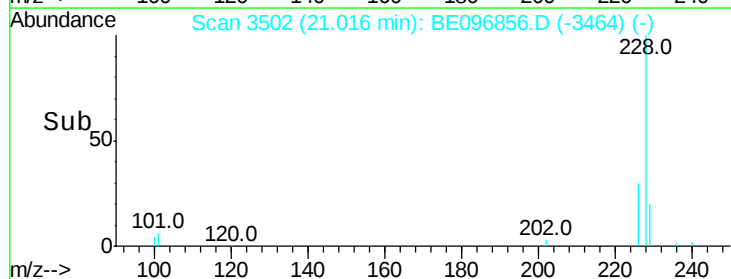
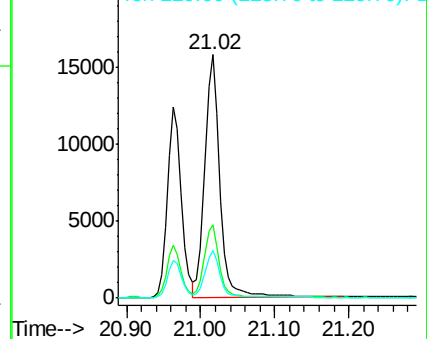
228 100

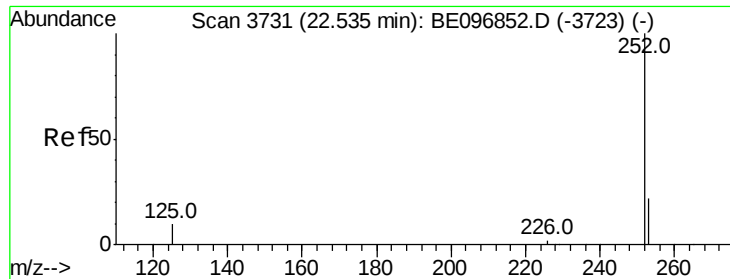
226 30.0 23.4 35.0

229 19.9 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: 0.412 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

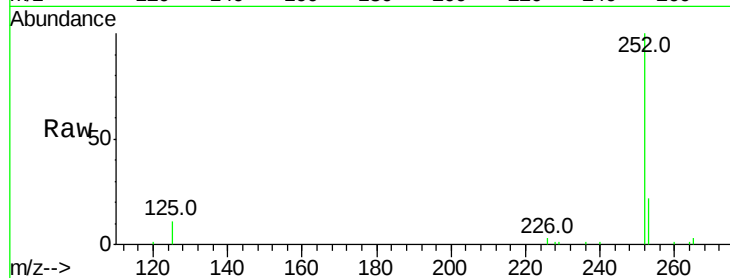
Tot Ion:252 Resp: 16044

Ion Ratio Lower Upper

252 100

253 21.7 0.0 64.2

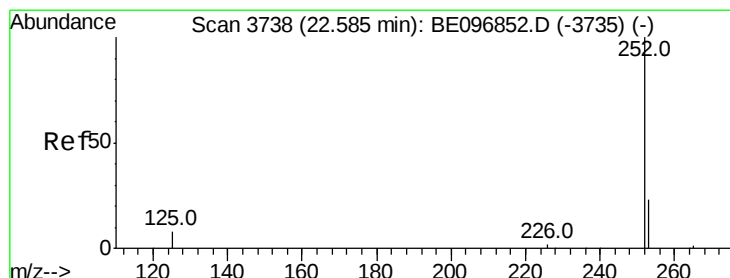
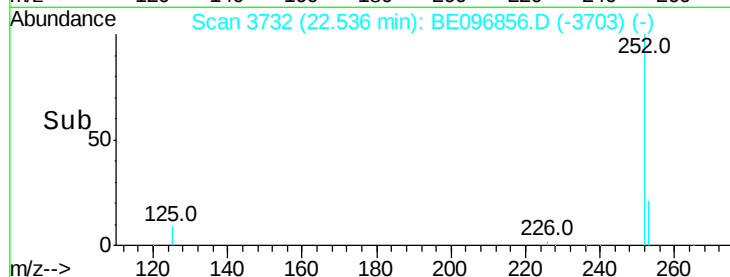
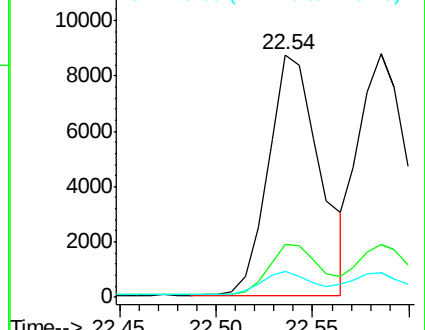
125 10.5 0.0 35.0



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: 0.401 ng/ul

RT: 22.59 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

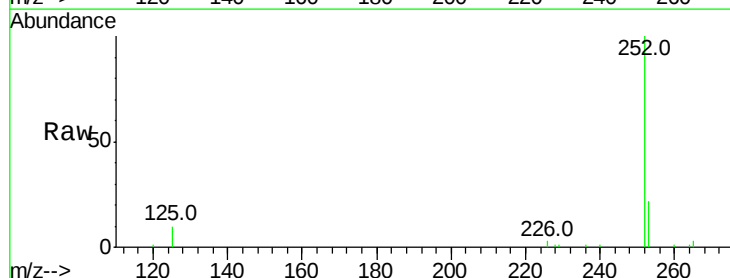
Tgt Ion:252 Resp: 17062

Ion Ratio Lower Upper

252 100

253 21.9 24.5 36.7#

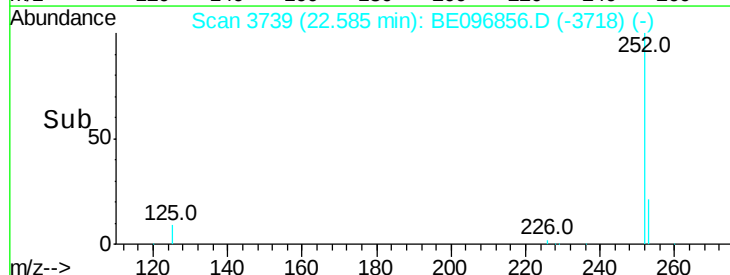
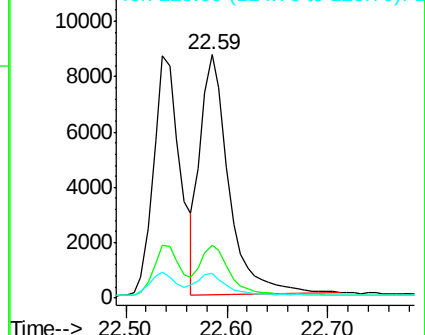
125 10.4 13.7 20.5#

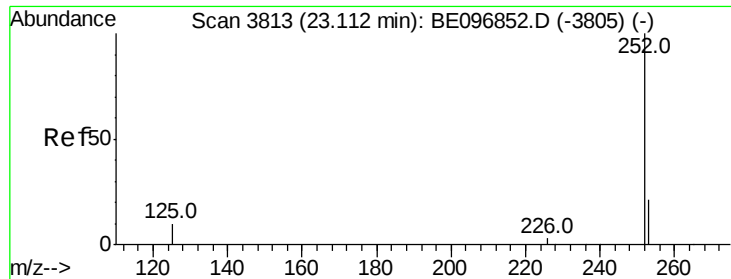


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

Instrument :

BNA_E

ClientSampleId :

SICV50

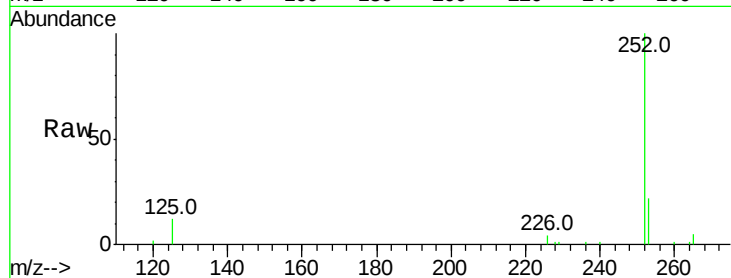
Tot Ion:252 Resp: 13160

Ion Ratio Lower Upper

252 100

253 22.4 28.5 42.7#

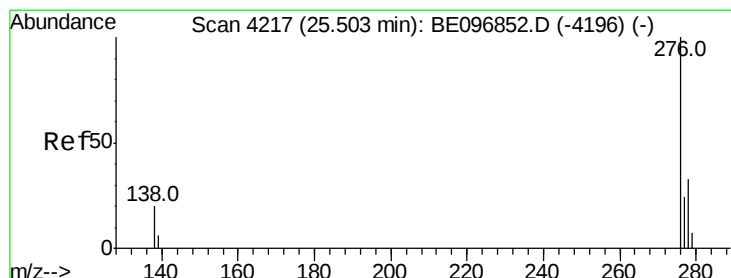
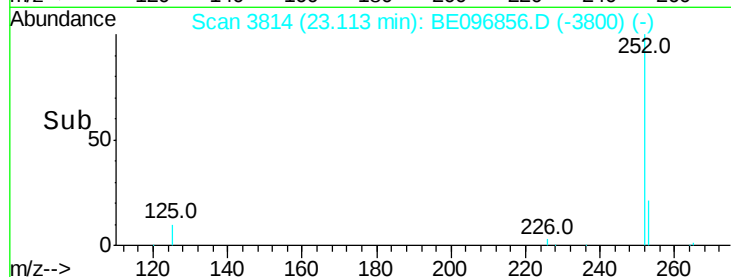
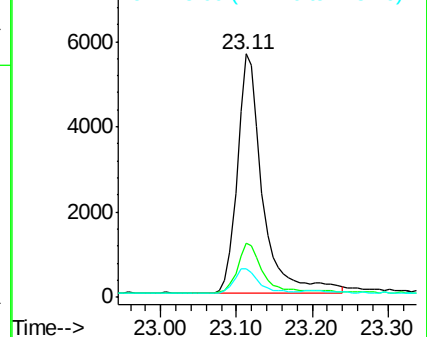
125 11.6 18.1 27.1#



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: 0.395 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BE096856.D

Acq: 6 Jul 2018 16:53

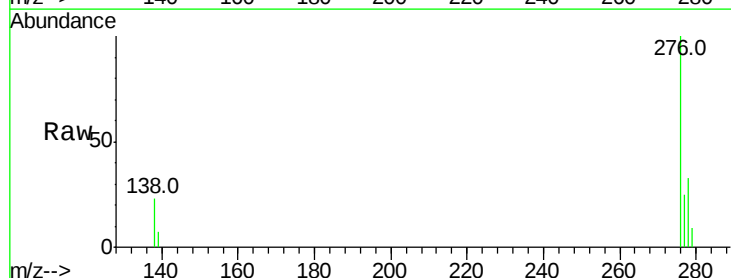
Tgt Ion:276 Resp: 13510

Ion Ratio Lower Upper

276 100

138 24.2 28.0 42.0#

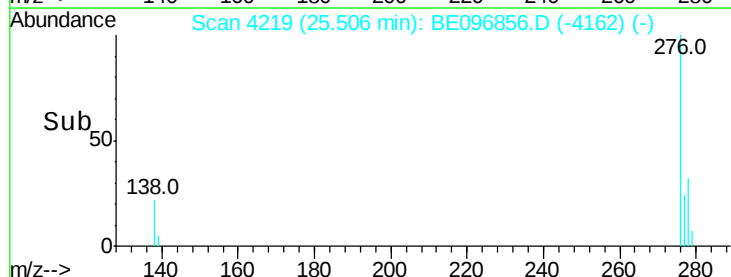
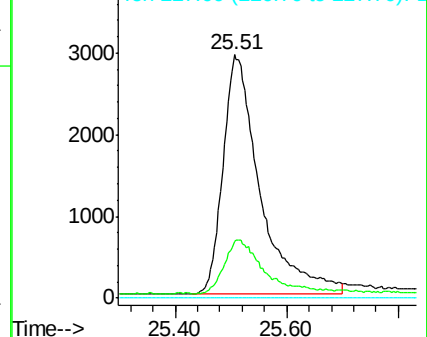
227 0.0 8.0 12.0#

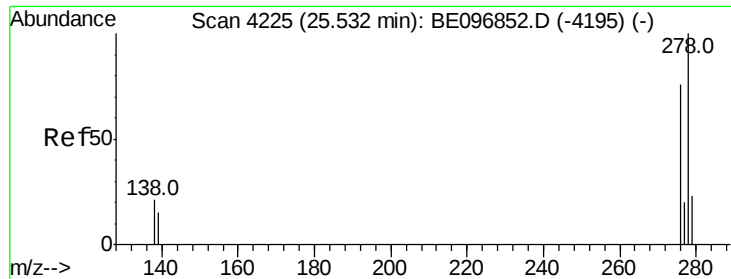


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

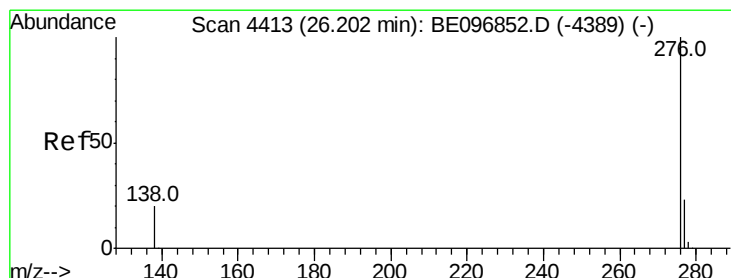
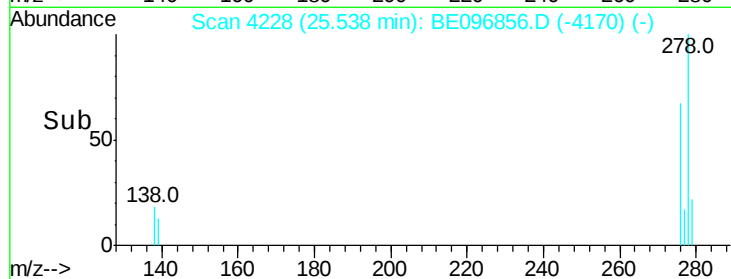
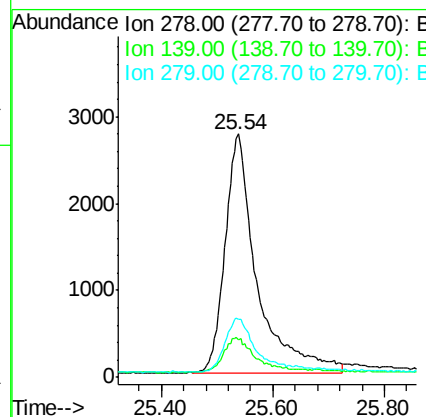
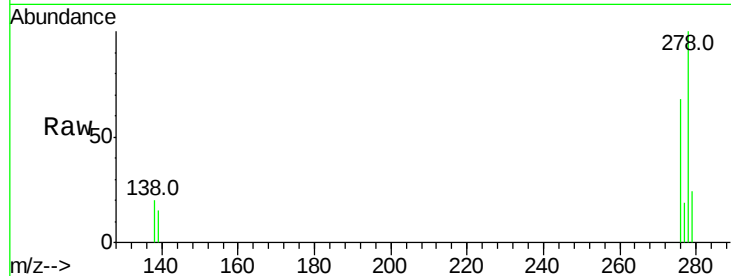




#25
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.54 min Scan# 4228
Delta R.T. 0.01 min
Lab File: BE096856.D
Acq: 6 Jul 2018 16:53

Instrument :
BNA_E
ClientSampleId :
SICV50

Tot Ion:278 Resp: 10865
Ion Ratio Lower Upper
278 100
139 15.2 17.4 26.0#
279 23.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE096856.D
Acq: 6 Jul 2018 16:53

Tgt Ion:276 Resp: 13440
Ion Ratio Lower Upper
276 100
138 21.8 21.8 32.8#
277 25.1 20.5 30.7

