

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093858.D
 Acq On : 17 Aug 2017 2:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.411

Quant Time: Aug 17 03:08:21 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration

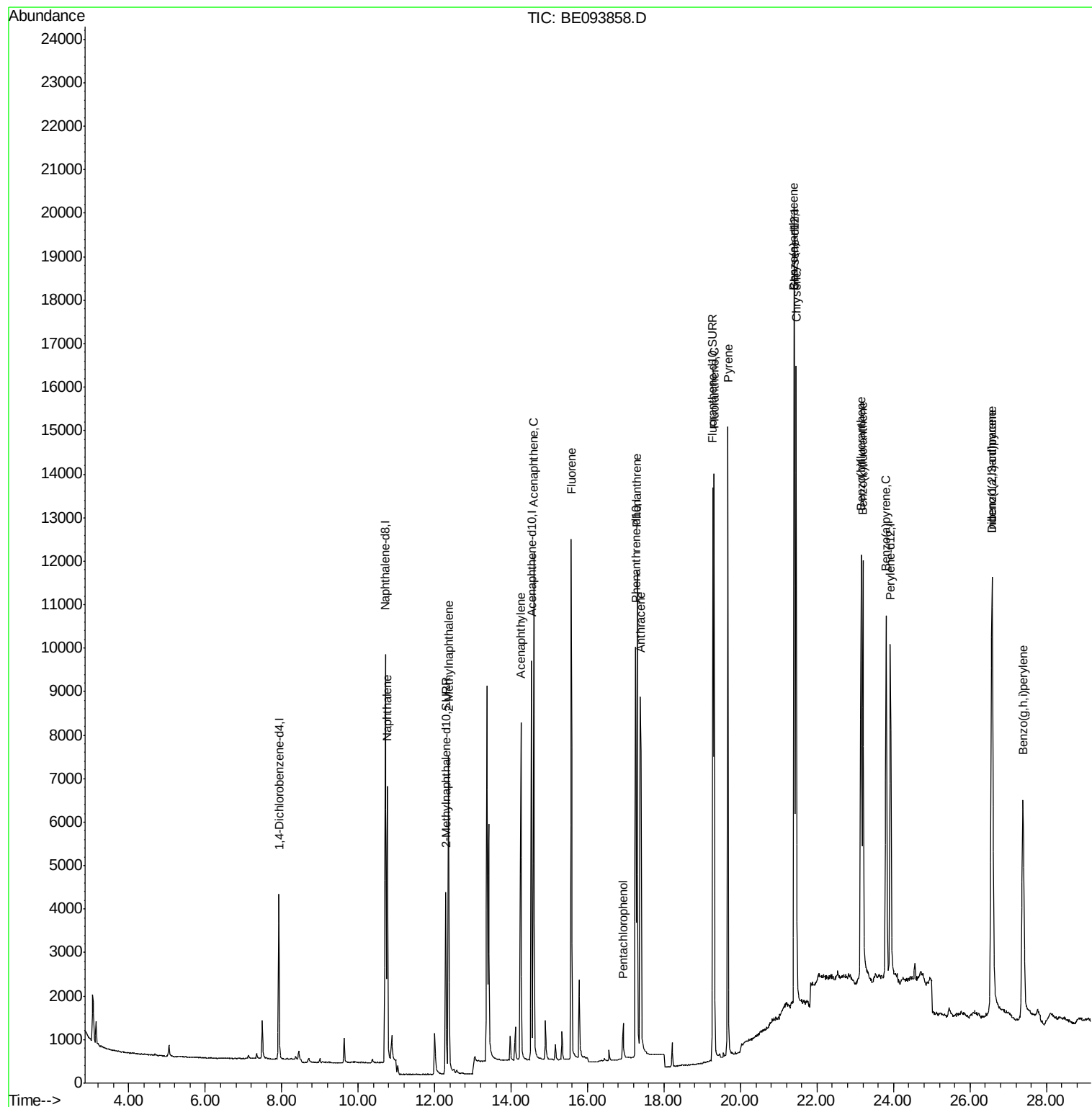
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10496	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12591	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13414	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12538	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6409	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	14787	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	10124	0.397	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	6804	0.365	ng/ul	99
7) Acenaphthylene	14.25	152	10064	0.423	ng/ul	96
8) Acenaphthene	14.59	153	7247	0.387	ng/ul	98
9) Fluorene	15.57	166	8270	0.349	ng/ul#	93
11) Pentachlorophenol	16.93	266	857	0.413	ng/ul	97
12) Phenanthrene	17.29	178	13051	0.381	ng/ul#	88
13) Anthracene	17.38	178	13248	0.397	ng/ul#	88
15) Fluoranthene	19.31	202	15545	0.363	ng/ul	84
17) Pyrene	19.67	202	16437	0.420	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	15325	0.394	ng/ul#	86
19) Chrysene	21.45	228	14984	0.402	ng/ul	96
21) Benzo(b)fluoranthene	23.15	252	14132	0.364	ng/ul	93
22) Benzo(k)fluoranthene	23.20	252	14745	0.386	ng/ul	94
23) Benzo(a)pyrene	23.81	252	14224	0.386	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.57	276	15469	0.380	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.58	278	12646	0.372	ng/ul	94
26) Benzo(g,h,i)perylene	27.39	276	13398	0.390	ng/ul	95

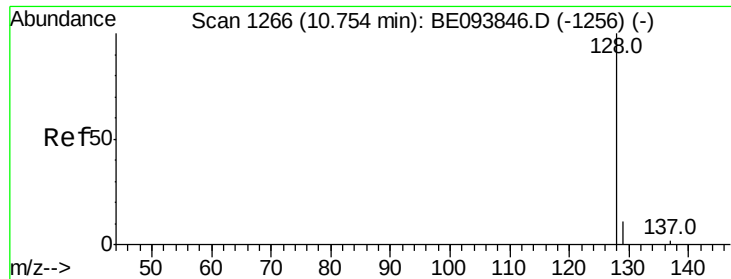
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.397 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

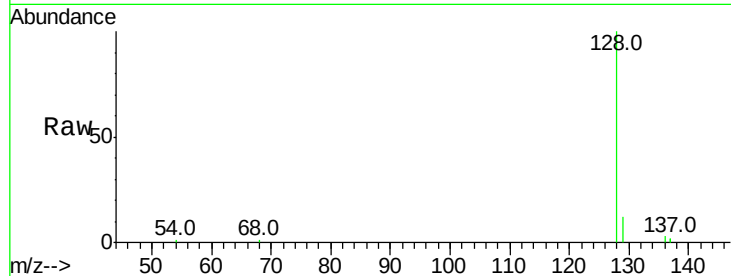
Tot Ion:128 Resp: 10124

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

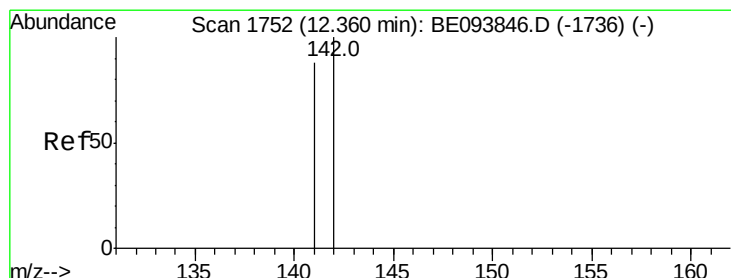
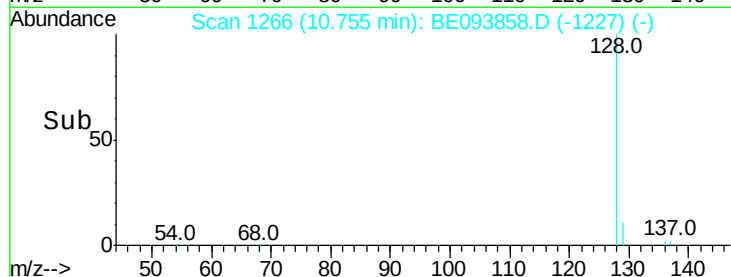
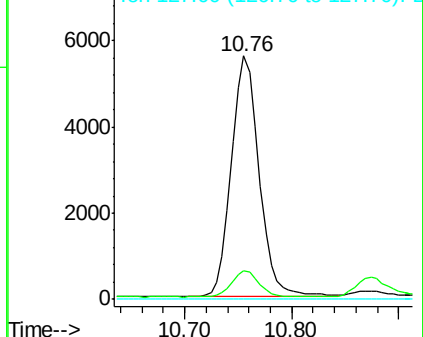
127 0.0 4.0 6.0#



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: 0.365 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BE093858.D

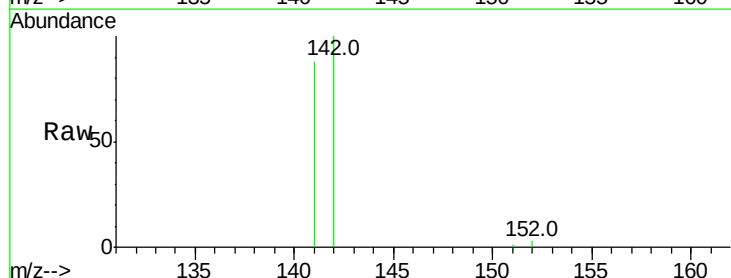
Acq: 17 Aug 2017 2:16

Tgt Ion:142 Resp: 6804

Ion Ratio Lower Upper

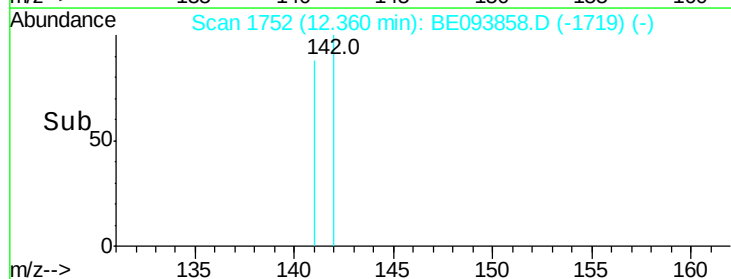
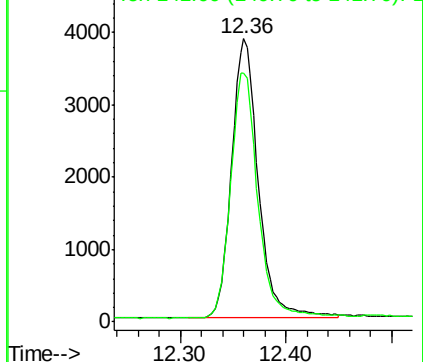
142 100

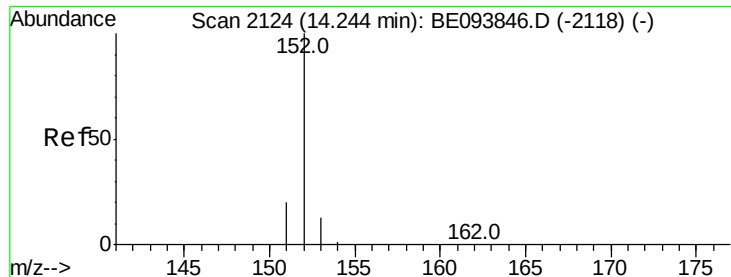
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.423 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

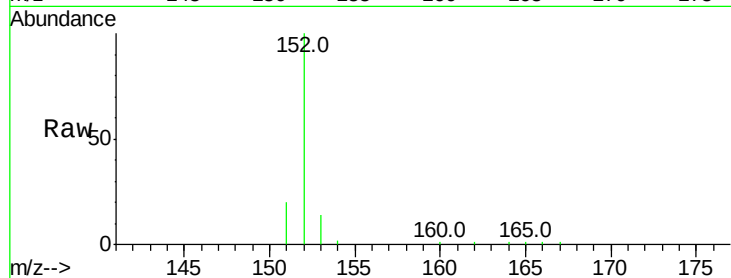
Tot Ion:152 Resp: 10064

Ion Ratio Lower Upper

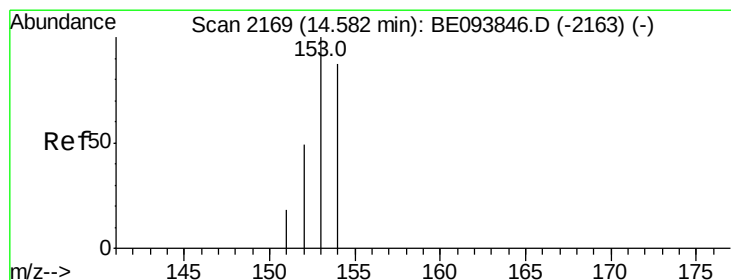
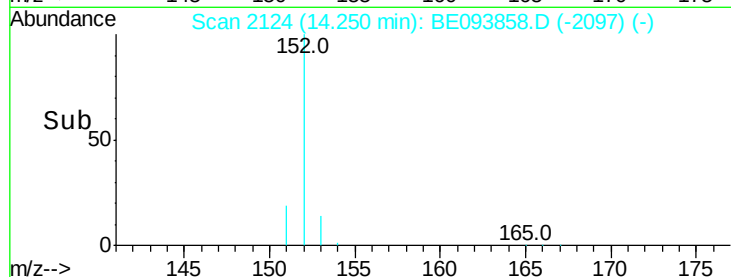
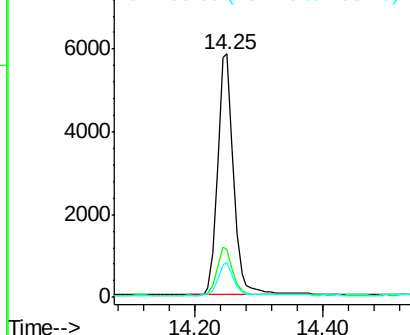
152 100

151 19.7 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: 0.387 ng/ul

RT: 14.59 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

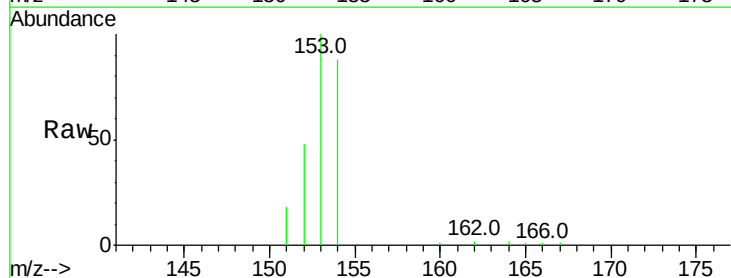
Tgt Ion:153 Resp: 7247

Ion Ratio Lower Upper

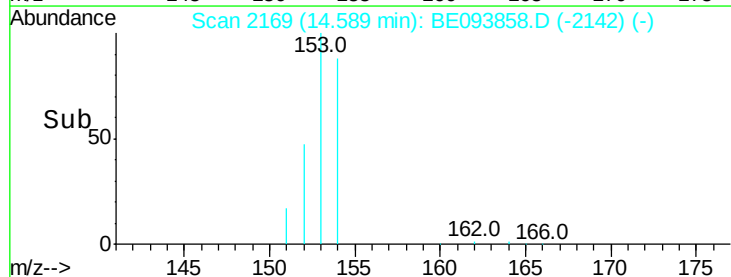
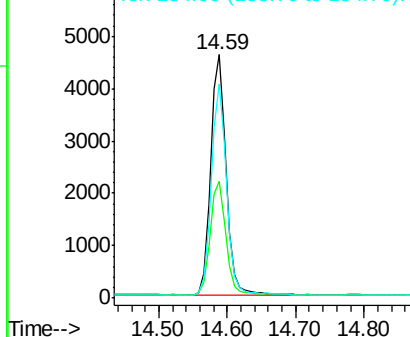
153 100

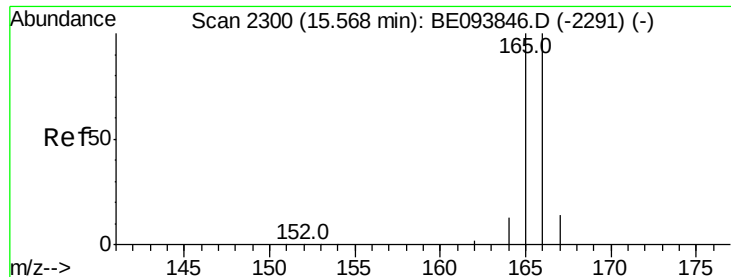
152 48.2 40.3 60.5

154 88.2 71.4 107.2



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: 0.349 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

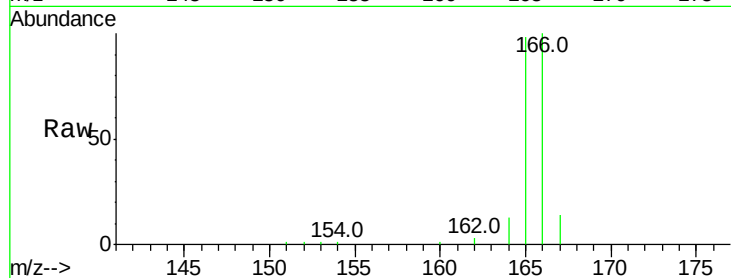
Tot Ion:166 Resp: 8270

Ion Ratio Lower Upper

166 100

165 97.8 73.4 110.2

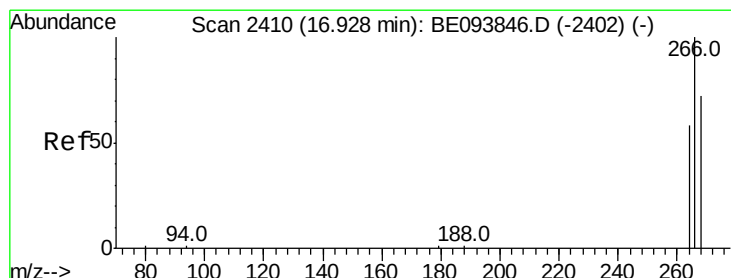
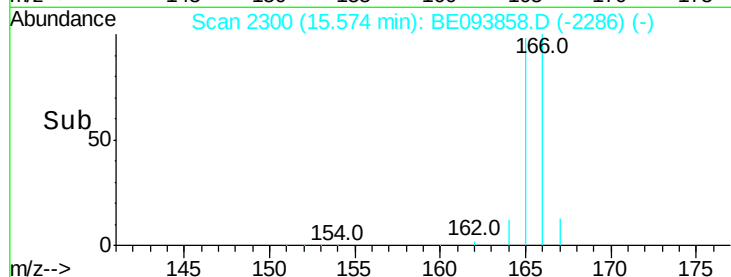
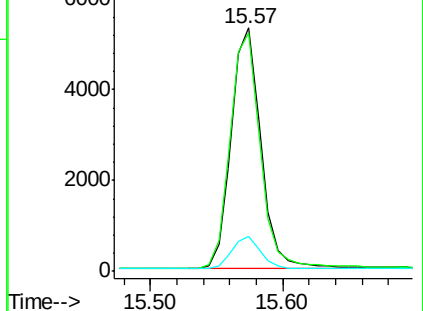
167 14.3 14.6 22.0#



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: 0.413 ng/ul

RT: 16.93 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

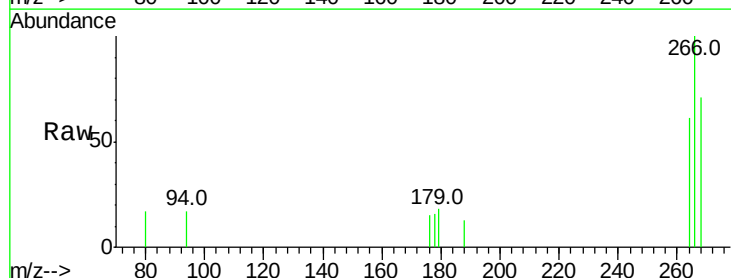
Tgt Ion:266 Resp: 857

Ion Ratio Lower Upper

266 100

264 63.4 47.9 71.9

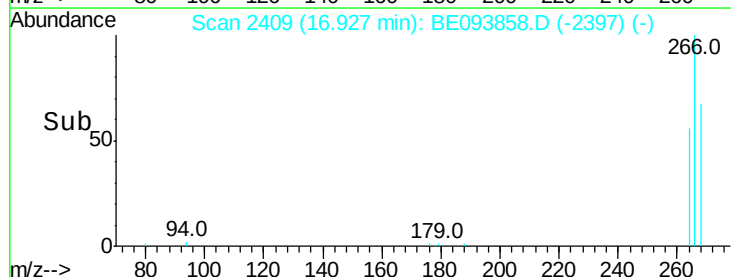
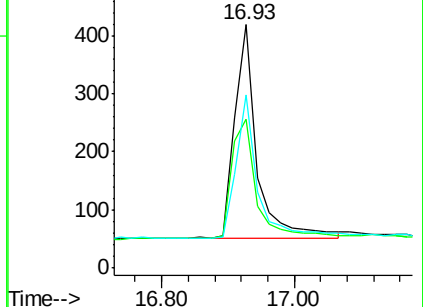
268 63.5 49.8 74.8

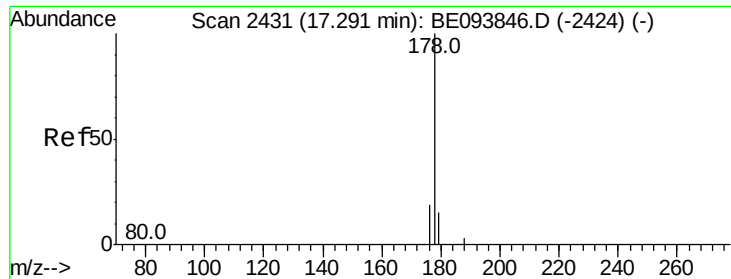


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.381 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

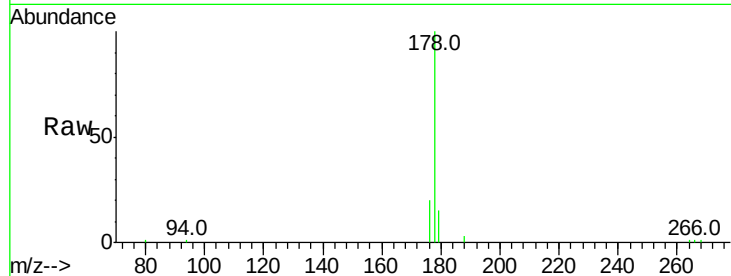
Tot Ion:178 Resp: 13051

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

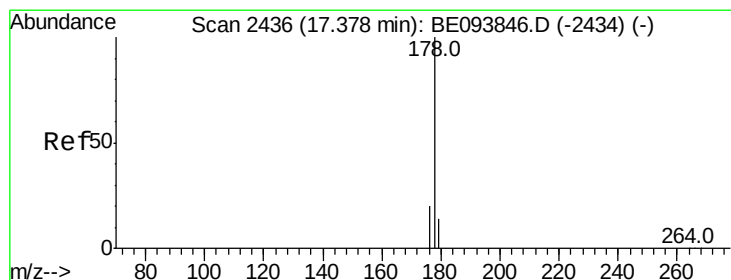
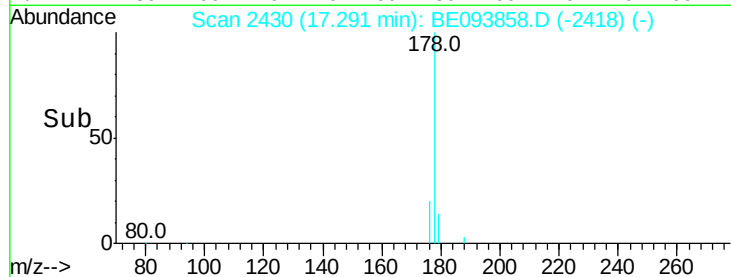
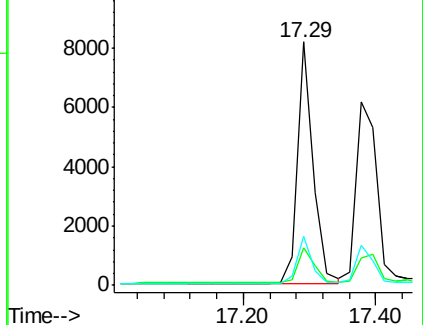
176 20.1 13.6 20.4



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: 0.397 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

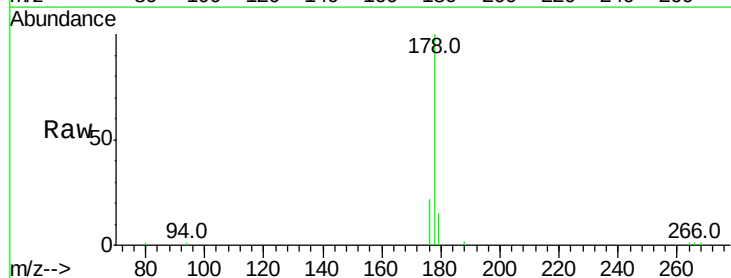
Tgt Ion:178 Resp: 13248

Ion Ratio Lower Upper

178 100

179 14.6 18.1 27.1#

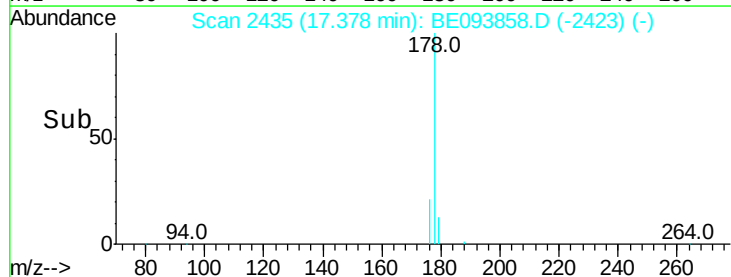
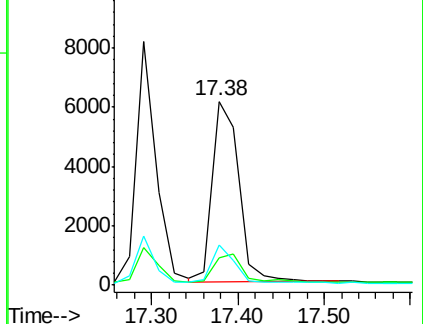
176 21.5 14.7 22.1

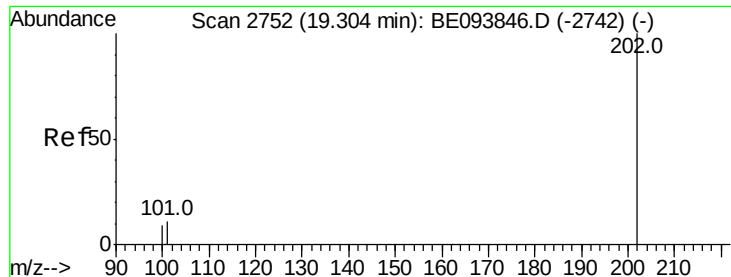


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.363 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

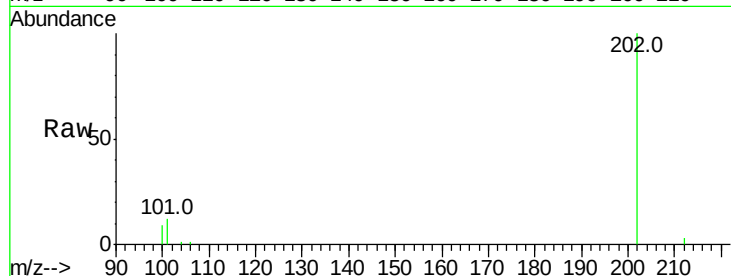
Tot Ion:202 Resp: 15545

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.3

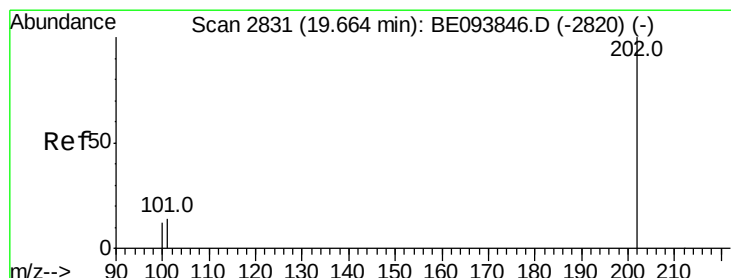
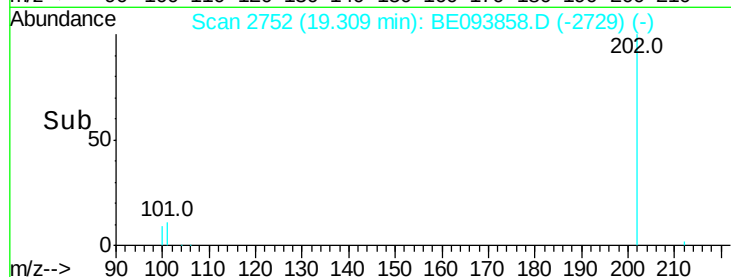
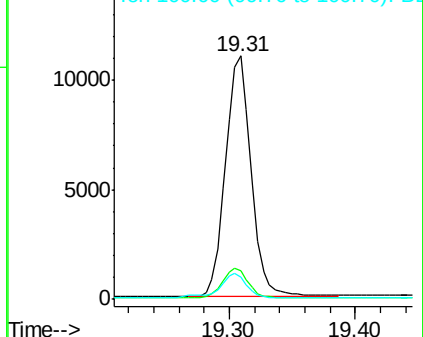
100 9.3 0.0 39.5



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: 0.420 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

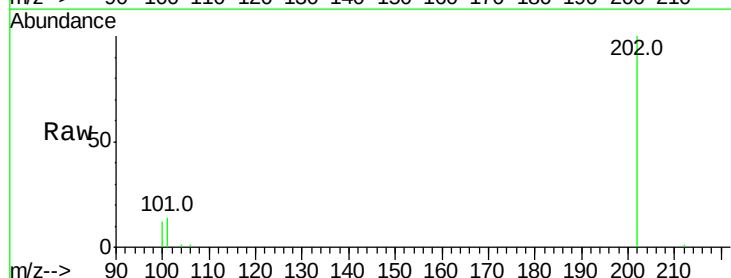
Tgt Ion:202 Resp: 16437

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

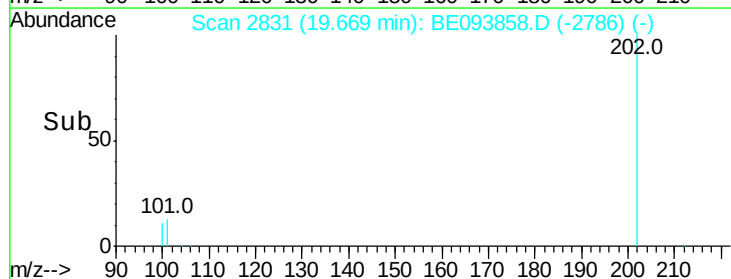
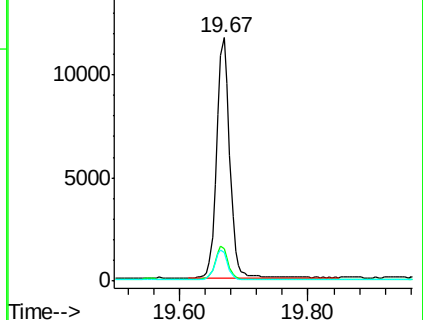
100 11.5 15.6 23.4#

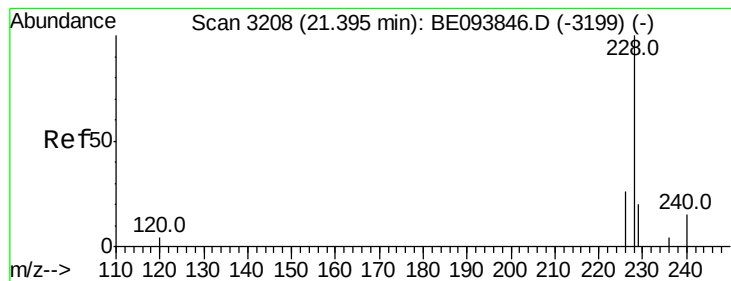


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

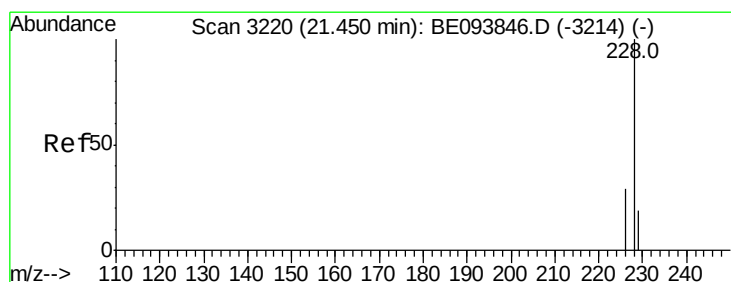
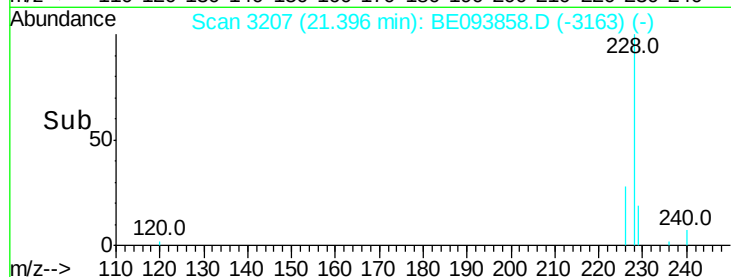
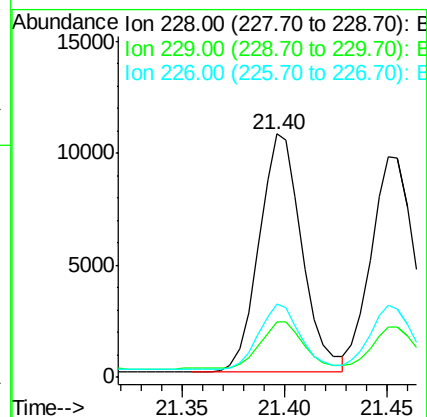
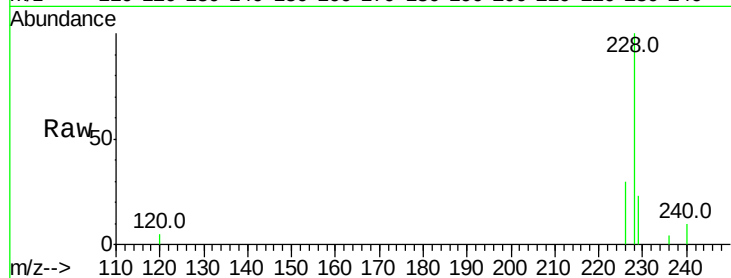
Tot Ion:228 Resp: 15325

Ion Ratio Lower Upper

228 100

229 22.5 22.8 34.2#

226 30.0 17.0 25.6#



#19

Chrysene

Concen: 0.402 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

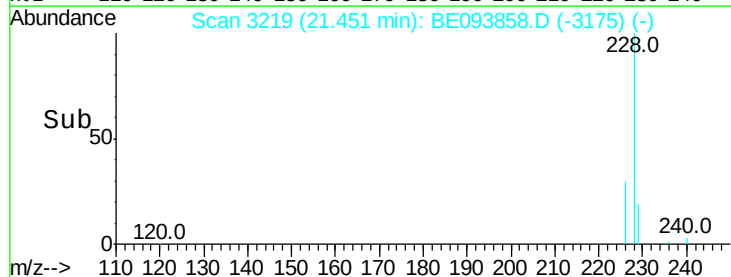
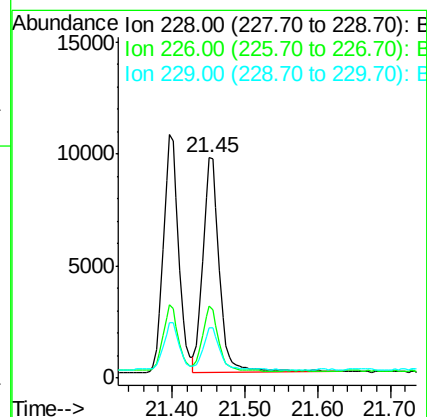
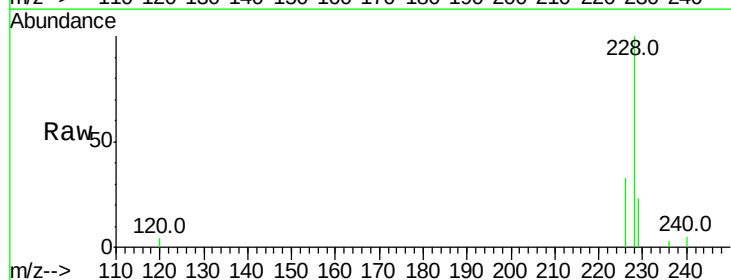
Tgt Ion:228 Resp: 14984

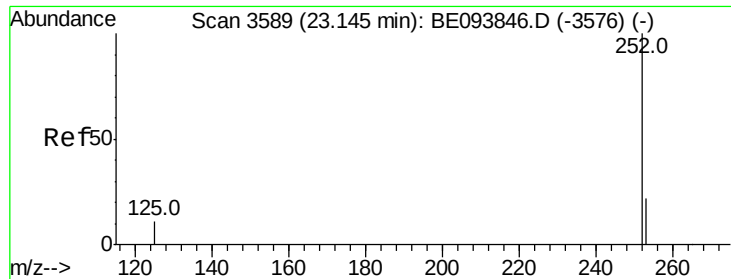
Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.0

229 22.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.364 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

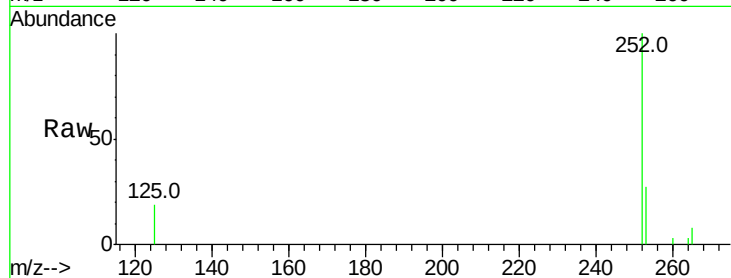
Tot Ion:252 Resp: 14132

Ion Ratio Lower Upper

252 100

253 26.8 0.0 64.2

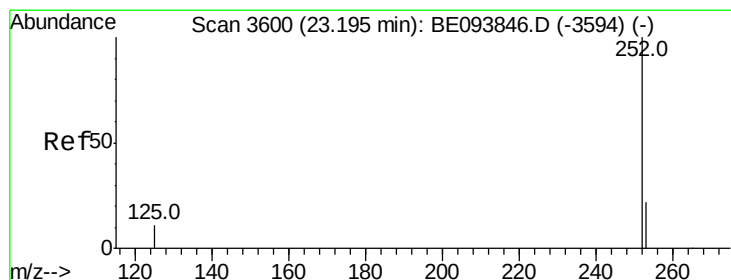
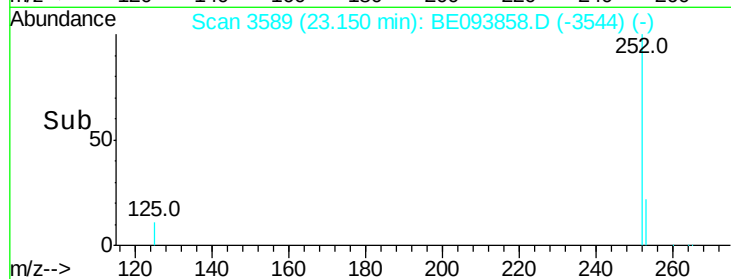
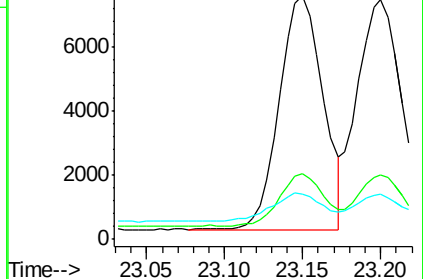
125 18.6 0.0 35.0



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: 0.386 ng/ul

RT: 23.20 min Scan# 3600

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

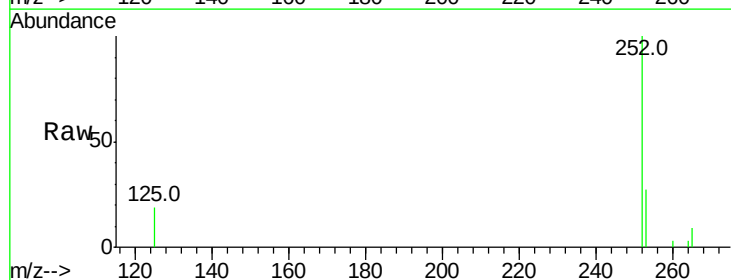
Tgt Ion:252 Resp: 14745

Ion Ratio Lower Upper

252 100

253 26.8 24.5 36.7

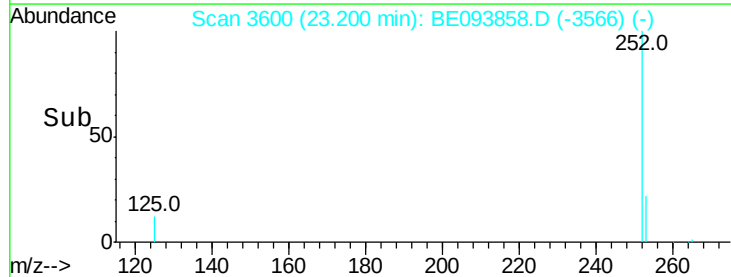
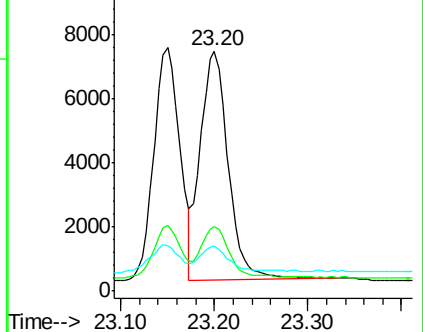
125 18.7 13.7 20.5

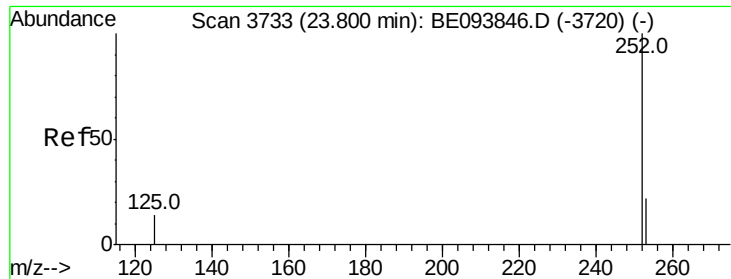


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.386 ng/ul

RT: 23.81 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

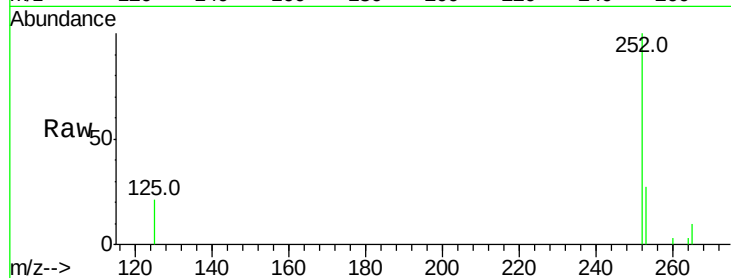
Tot Ion:252 Resp: 14224

Ion Ratio Lower Upper

252 100

253 26.8 28.5 42.7#

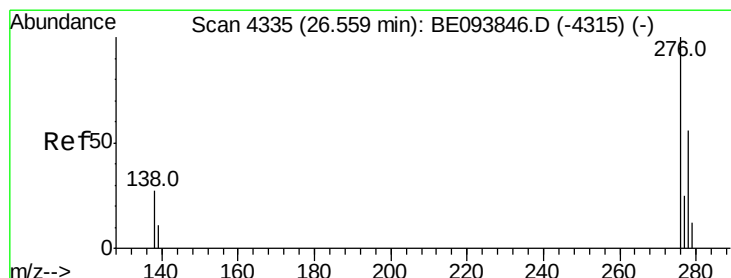
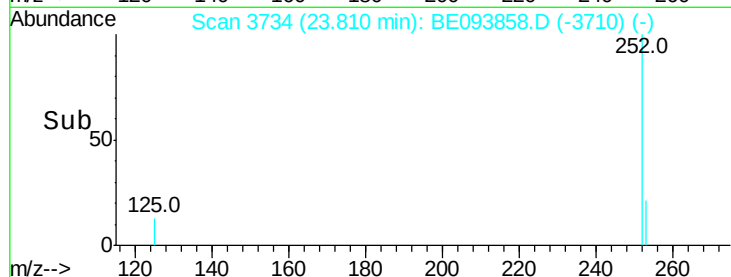
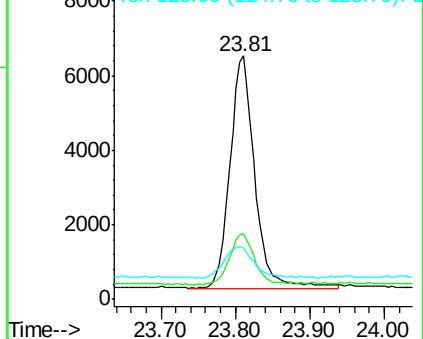
125 21.4 18.1 27.1



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: 0.380 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

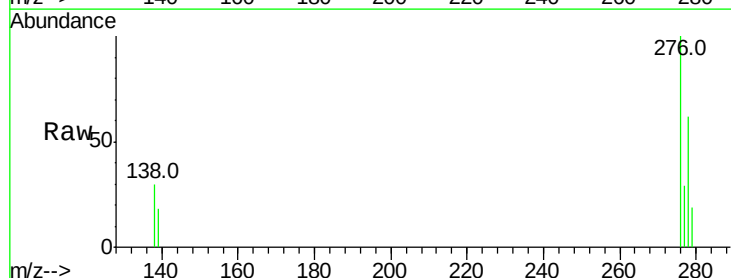
Tgt Ion:276 Resp: 15469

Ion Ratio Lower Upper

276 100

138 28.2 28.0 42.0

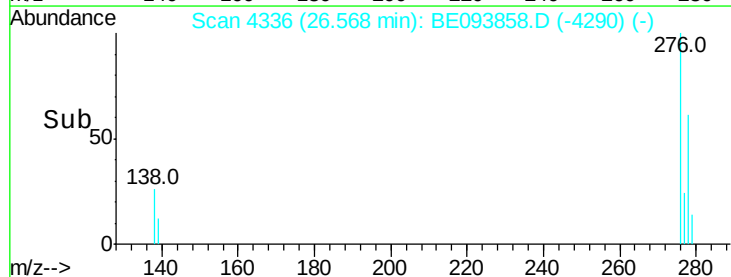
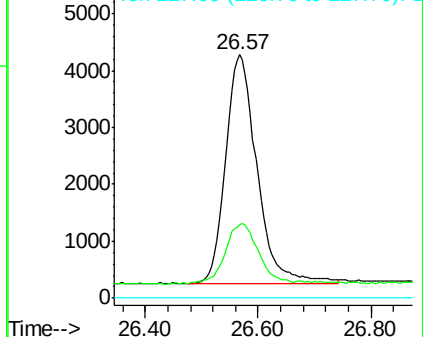
227 0.0 8.0 12.0#

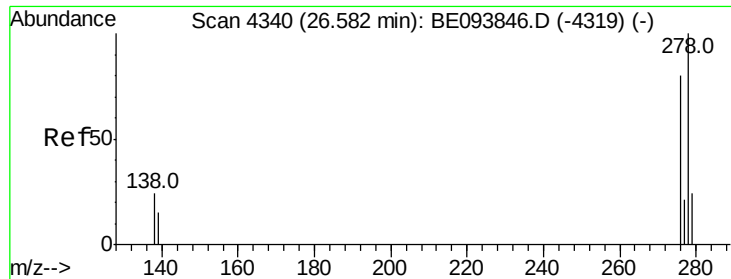


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.372 ng/ul

RT: 26.58 min Scan# 4339

Delta R.T. 0.00 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

Instrument :

BNA_E

ClientSampleId :

SSTD0.411

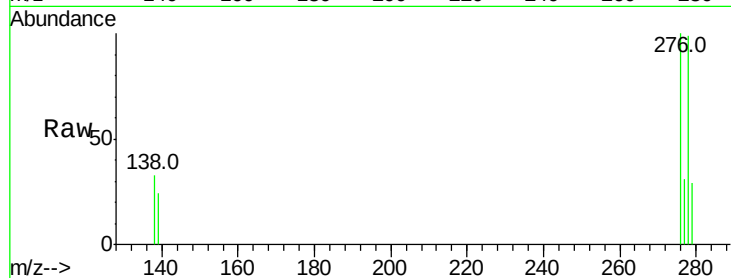
Tot Ion:278 Resp: 12646

Ion Ratio Lower Upper

278 100

139 24.6 17.4 26.0

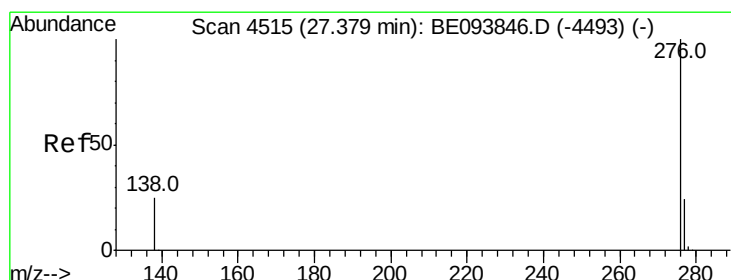
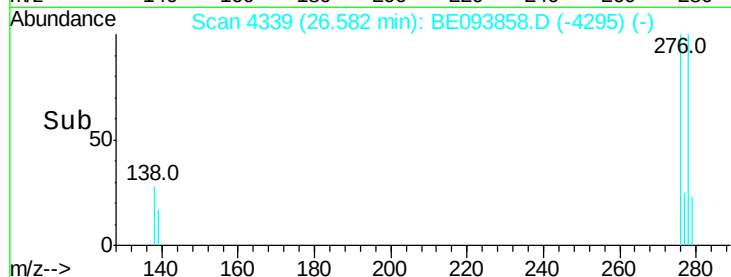
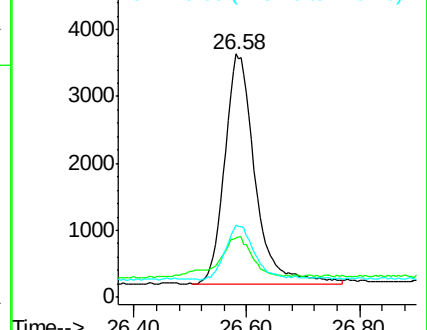
279 29.4 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.390 ng/ul

RT: 27.39 min Scan# 4516

Delta R.T. 0.01 min

Lab File: BE093858.D

Acq: 17 Aug 2017 2:16

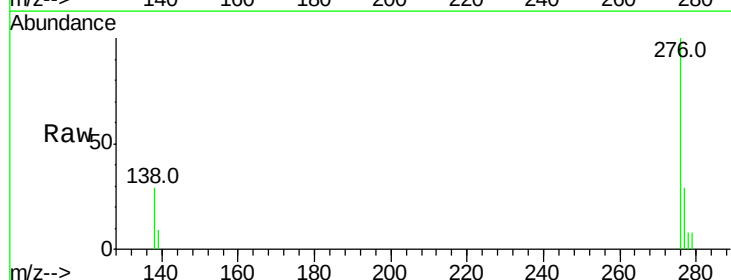
Tgt Ion:276 Resp: 13398

Ion Ratio Lower Upper

276 100

138 29.1 21.8 32.8

277 28.9 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

