

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093780.D
 Acq On : 11 Aug 2017 21:27
 Operator : SJ/JU
 Sample : I4504-10DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG4DL

Quant Time: Aug 12 02:03:09 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

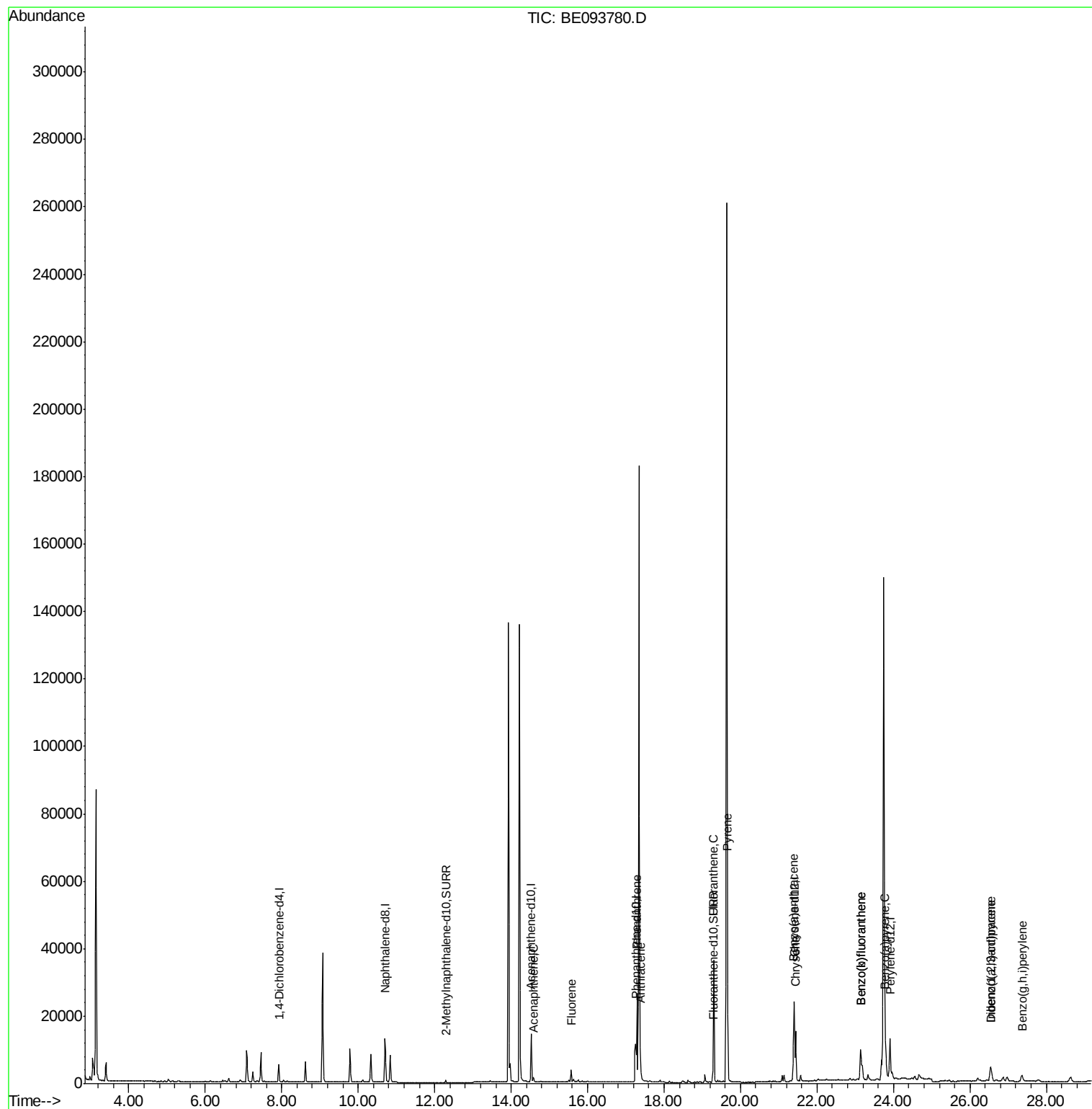
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2690	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13942	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18171	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19177	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18819	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1198	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2988	0.05	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.58	153	753	0.028	ng/ul	97
9) Fluorene	15.57	166	2265	0.067	ng/ul	93
12) Phenanthrene	17.29	178	28643	0.579	ng/ul#	91
13) Anthracene	17.38	178	7706	0.160	ng/ul#	92
15) Fluoranthene	19.30	202	40890	0.661	ng/ul	84
17) Pyrene	19.66	202	32505	0.581	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	16519	0.297	ng/ul#	87
19) Chrysene	21.44	228	15492	0.290	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	22485	0.386	ng/ul	91
22) Benzo(k)fluoranthene	23.14	252	22485	0.392	ng/ul	93
23) Benzo(a)pyrene	23.79	252	13870	0.250	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.54	276	6927	0.113	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.56	278	3179	0.062	ng/ul#	76
26) Benzo(g,h,i)perylene	27.37	276	4663	0.091	ng/ul	93

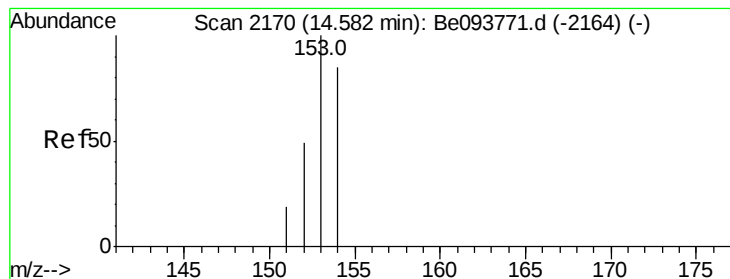
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
Data File : BE093780.D
Acq On : 11 Aug 2017 21:27
Operator : SJ/JU
Sample : I4504-10DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AG4DL

Quant Time: Aug 12 02:03:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

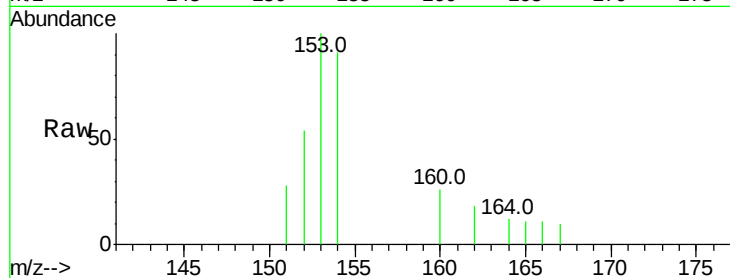
Tot Ion:153 Resp: 753

Ion Ratio Lower Upper

153 100

152 53.5 40.3 60.5

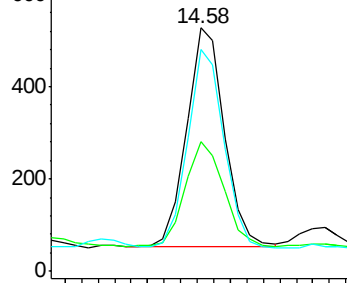
154 91.3 71.4 107.2



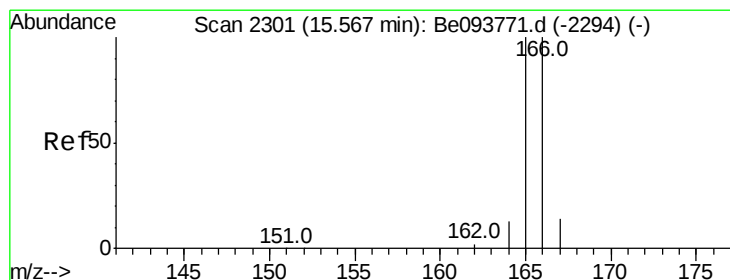
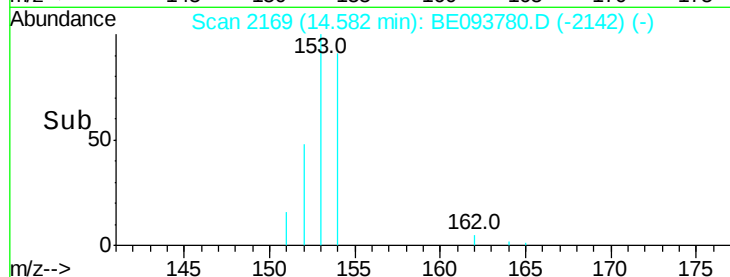
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.067 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

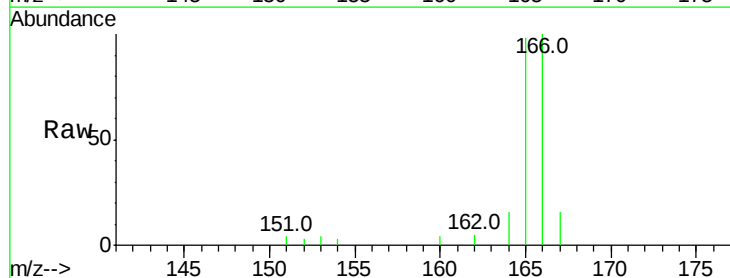
Tgt Ion:166 Resp: 2265

Ion Ratio Lower Upper

166 100

165 98.3 73.4 110.2

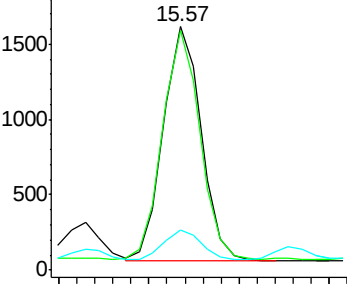
167 16.2 14.6 22.0



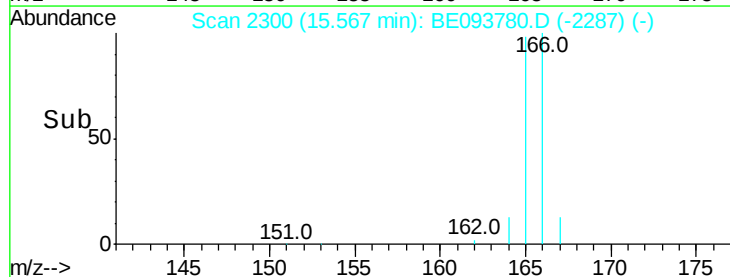
Abundance Ion 166.00 (165.70 to 166.70): E

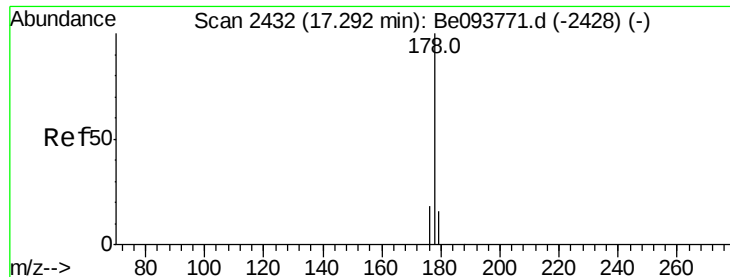
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.579 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

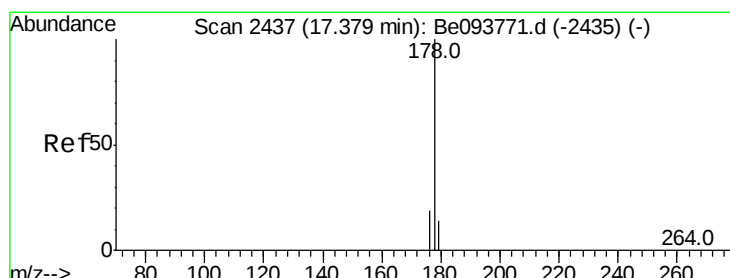
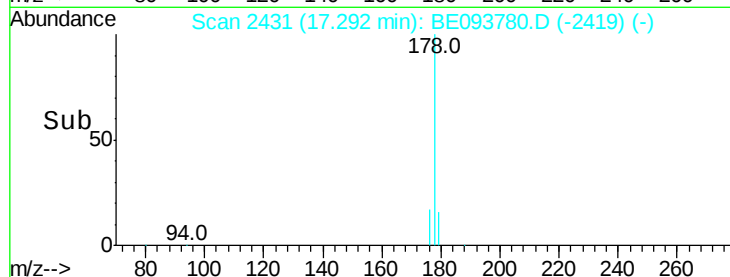
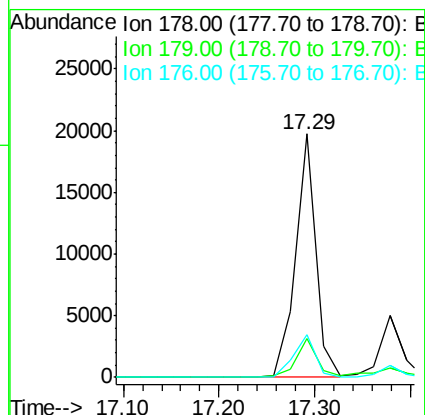
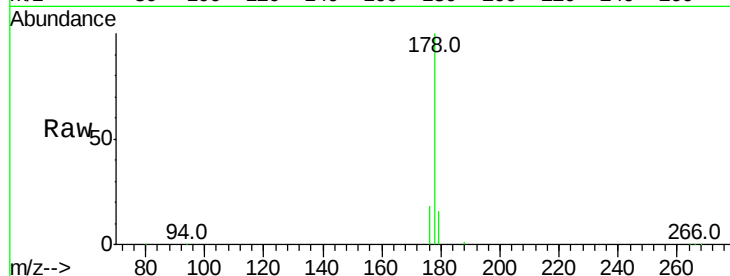
Tot Ion:178 Resp: 28643

Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 17.6 13.6 20.4



#13

Anthracene

Concen: 0.160 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

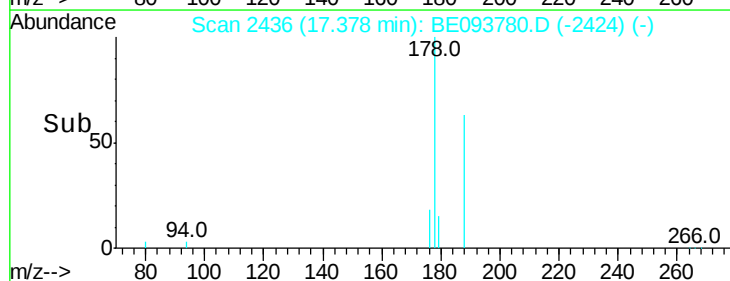
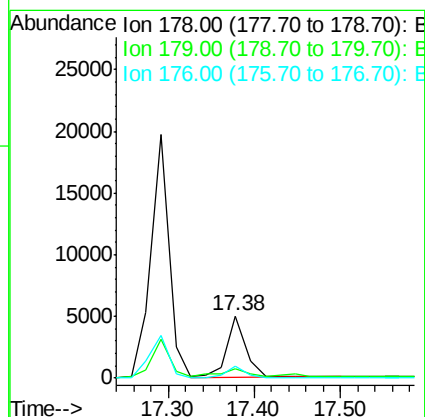
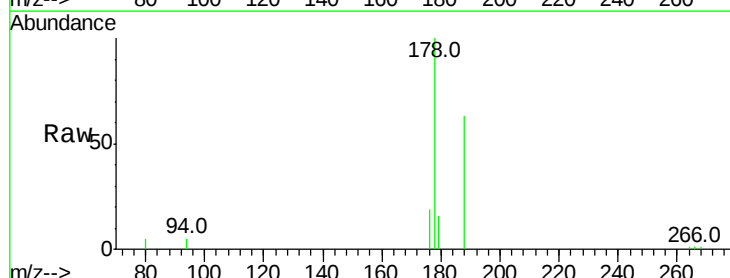
Tgt Ion:178 Resp: 7706

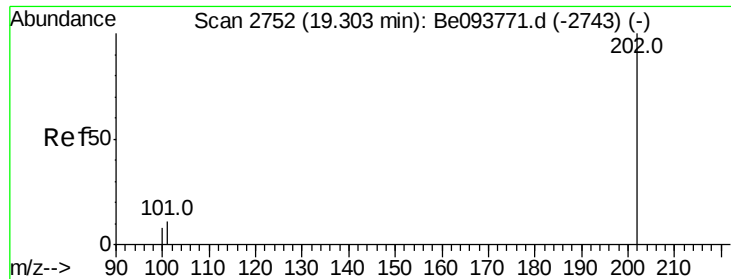
Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

176 18.8 14.7 22.1





#15

Fluoranthene

Concen: 0.661 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

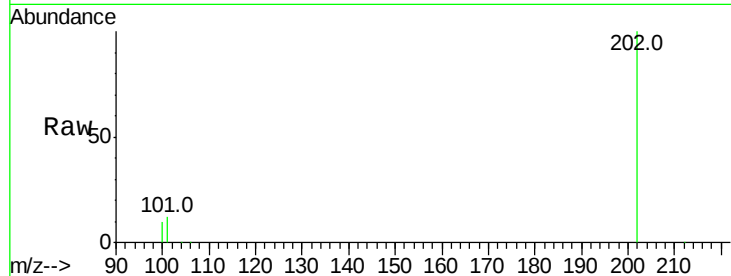
Tot Ion:202 Resp: 40890

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

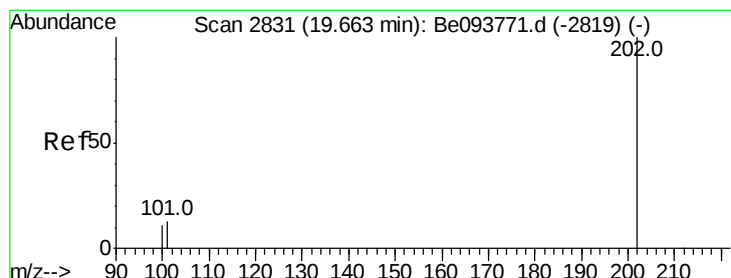
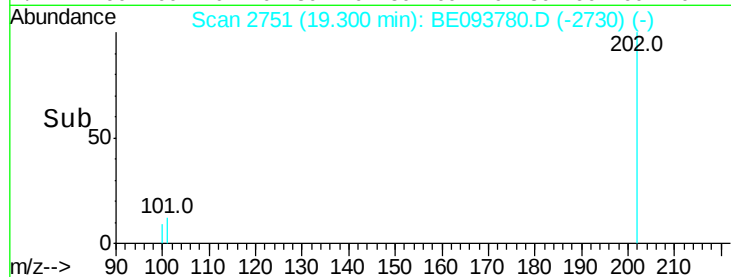
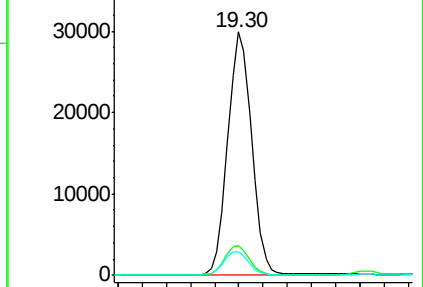
100 9.5 0.0 39.5



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: 0.581 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

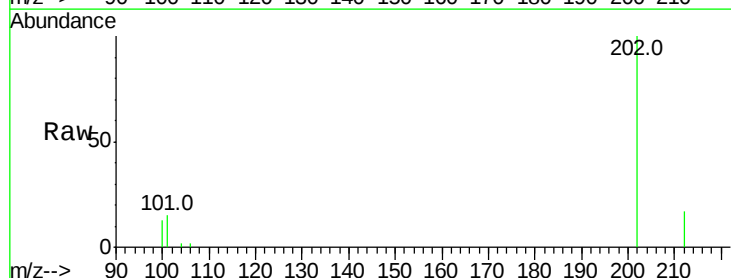
Tgt Ion:202 Resp: 32505

Ion Ratio Lower Upper

202 100

101 15.0 18.2 27.4#

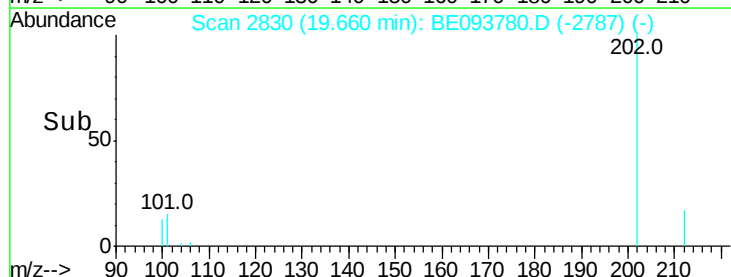
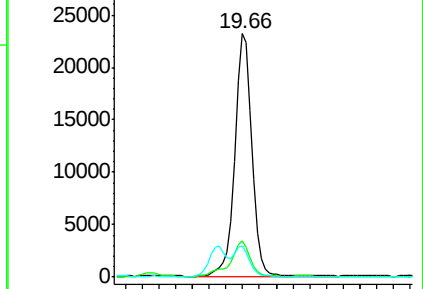
100 12.9 15.6 23.4#

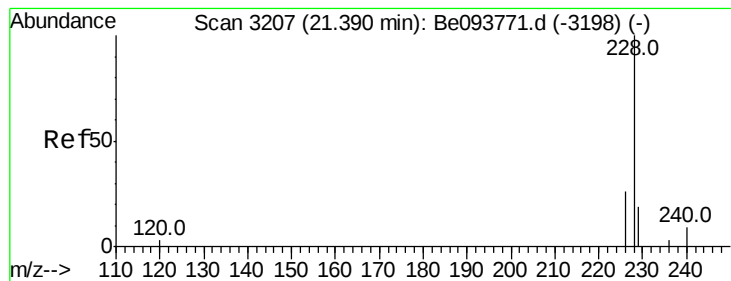


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.297 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

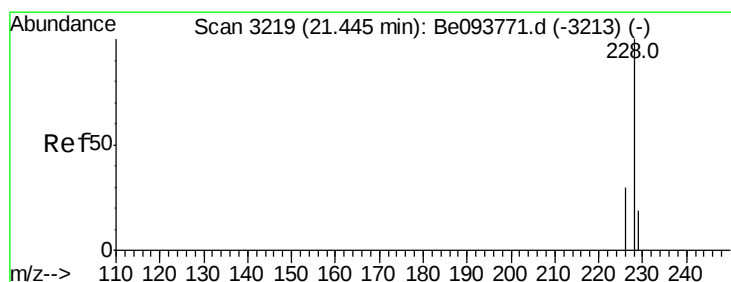
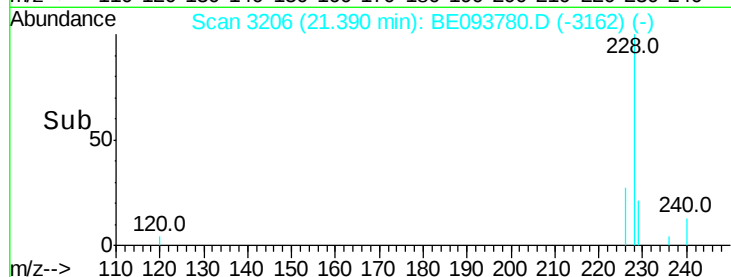
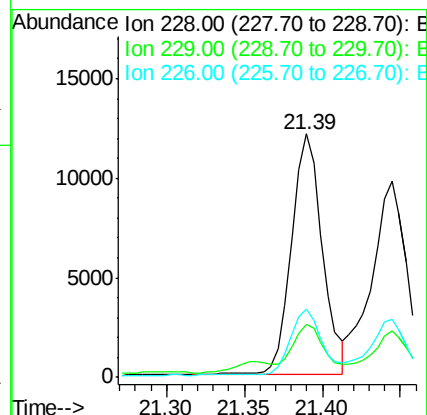
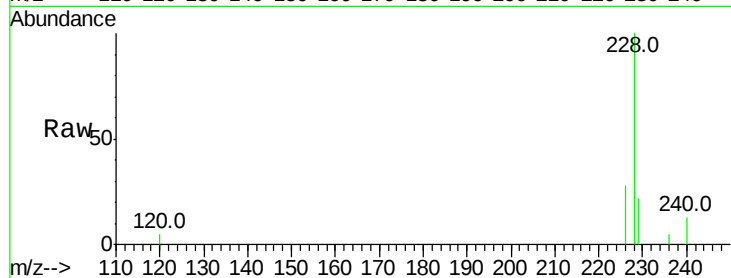
Tot Ion:228 Resp: 16519

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

226 27.9 17.0 25.6#



#19

Chrysene

Concen: 0.290 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

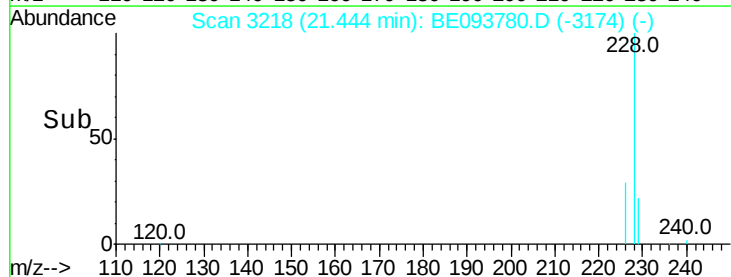
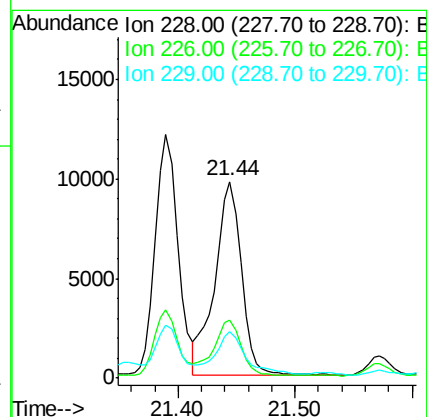
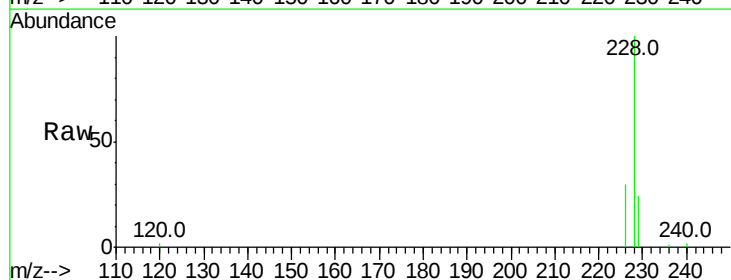
Tgt Ion:228 Resp: 15492

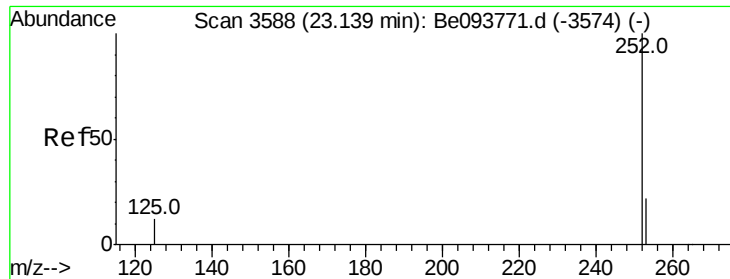
Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

229 23.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.386 ng/ul

RT: 23.14 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

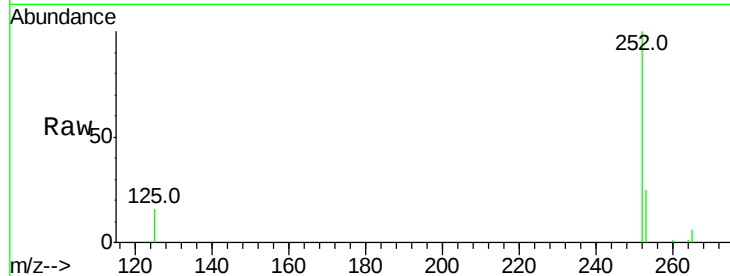
Tot Ion:252 Resp: 22485

Ion Ratio Lower Upper

252 100

253 25.3 0.0 64.2

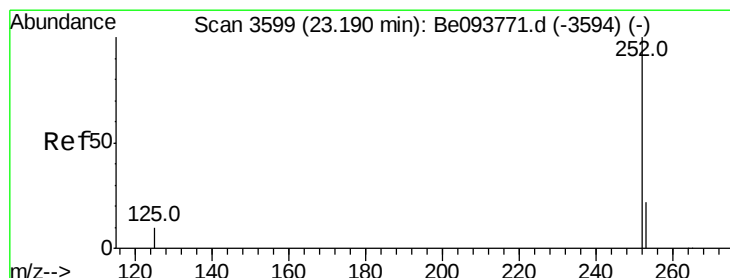
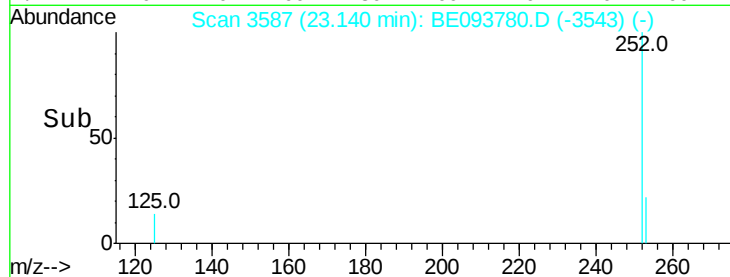
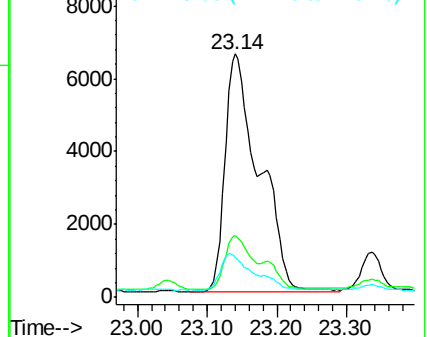
125 16.2 0.0 35.0



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: 0.392 ng/ul

RT: 23.14 min Scan# 3587

Delta R.T. -0.05 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

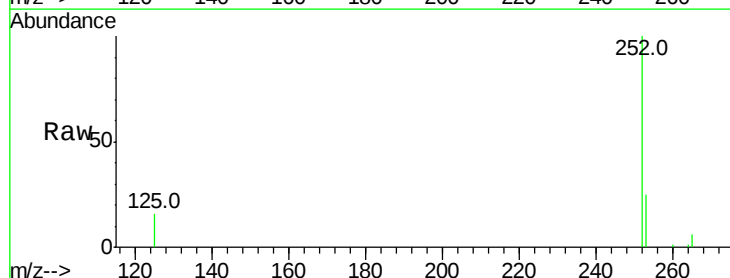
Tgt Ion:252 Resp: 22485

Ion Ratio Lower Upper

252 100

253 25.3 24.5 36.7

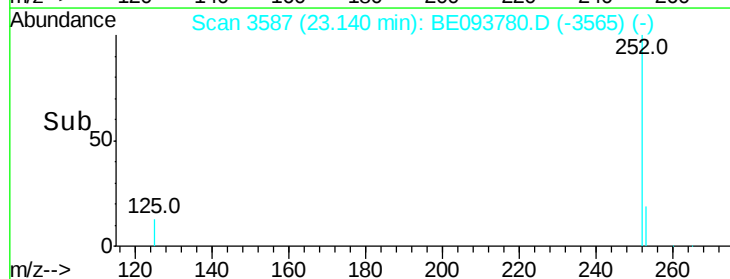
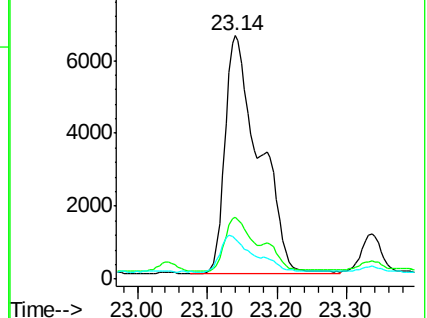
125 16.2 13.7 20.5

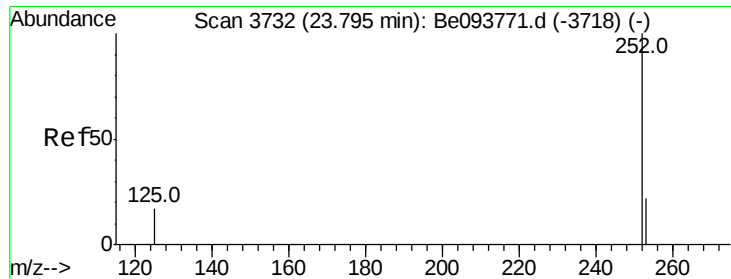


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.250 ng/ul

RT: 23.79 min Scan# 3730

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

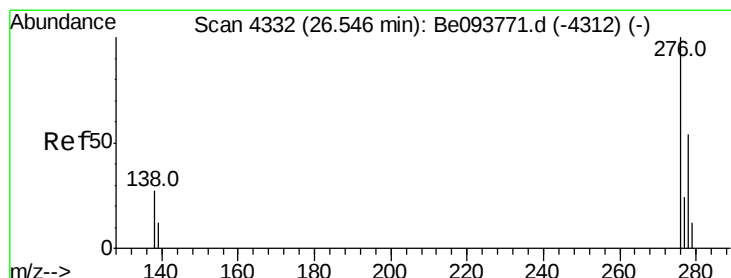
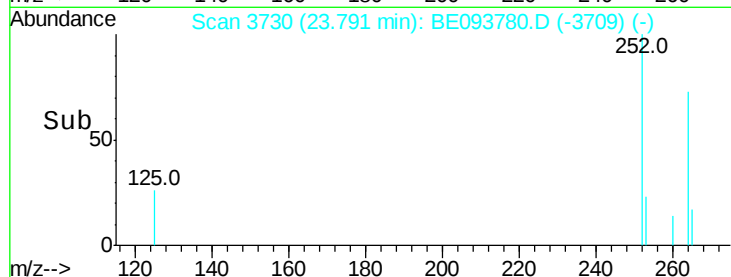
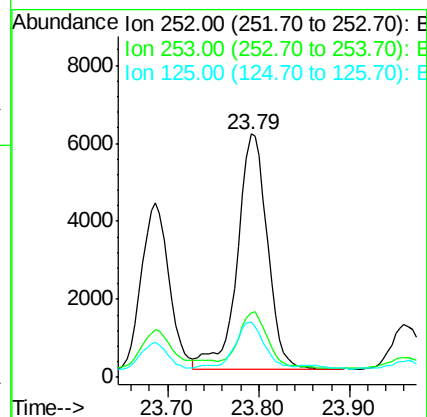
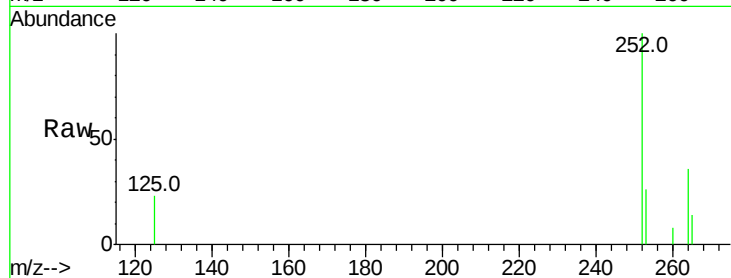
Tot Ion:252 Resp: 13870

Ion Ratio Lower Upper

252 100

253 26.5 28.5 42.7#

125 22.5 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.113 ng/ul

RT: 26.54 min Scan# 4329

Delta R.T. -0.01 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

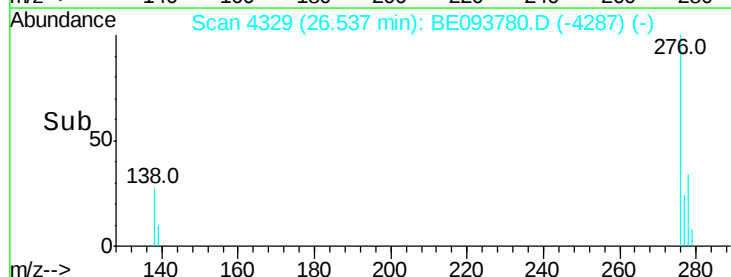
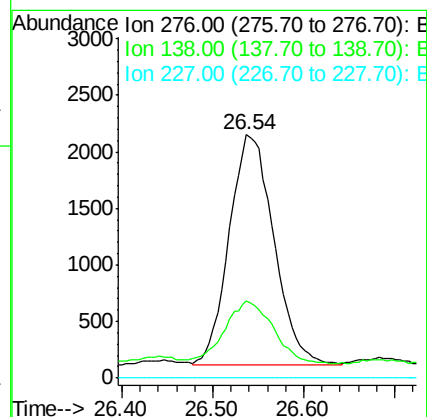
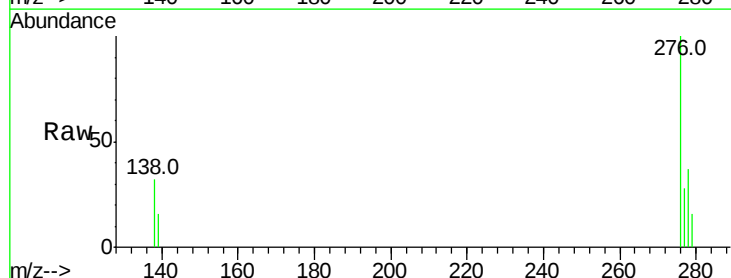
Tgt Ion:276 Resp: 6927

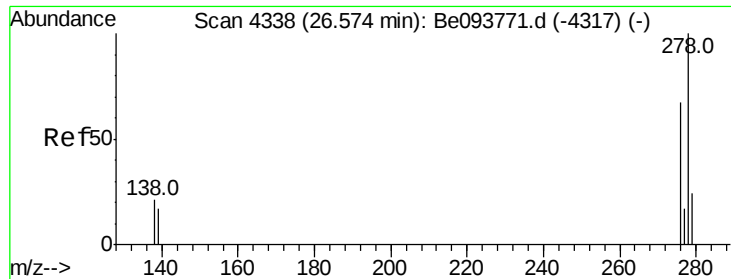
Ion Ratio Lower Upper

276 100

138 29.8 28.0 42.0

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.062 ng/ul

RT: 26.56 min Scan# 4334

Delta R.T. -0.01 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

C0AG4DL

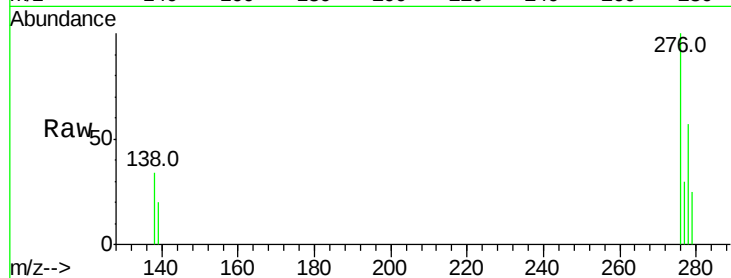
Tot Ion:278 Resp: 3179

Ion Ratio Lower Upper

278 100

139 35.6 17.4 26.0#

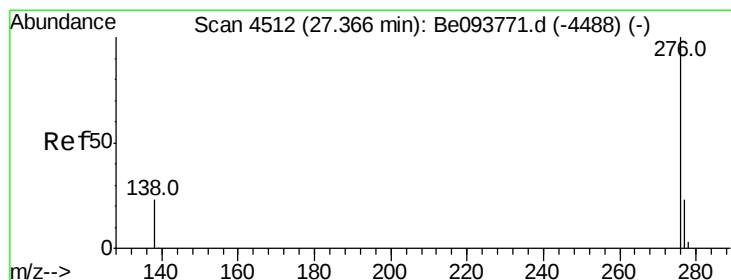
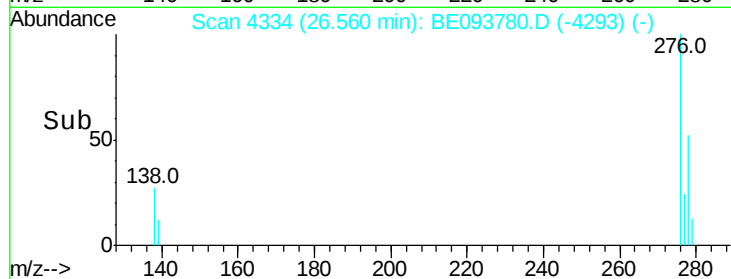
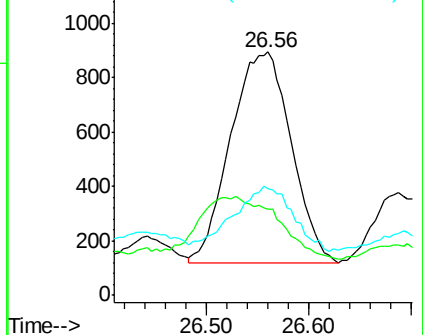
279 43.6 25.9 38.9#



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: 0.091 ng/ul

RT: 27.37 min Scan# 4511

Delta R.T. 0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

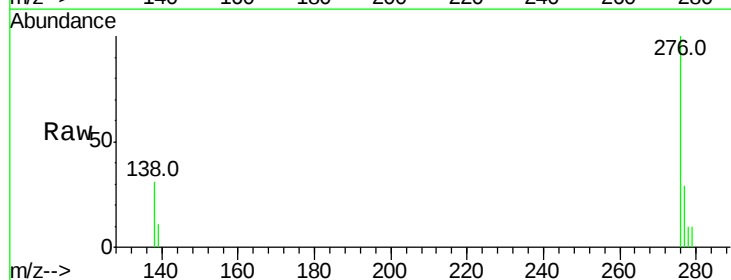
Tgt Ion:276 Resp: 4663

Ion Ratio Lower Upper

276 100

138 30.7 21.8 32.8

277 29.1 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

