

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093843.D
 Acq On : 16 Aug 2017 16:55
 Operator : SJ/JU
 Sample : I4672-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG3DL

Quant Time: Aug 17 01:00:08 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 00:58:19 2017
 Response via : Initial Calibration

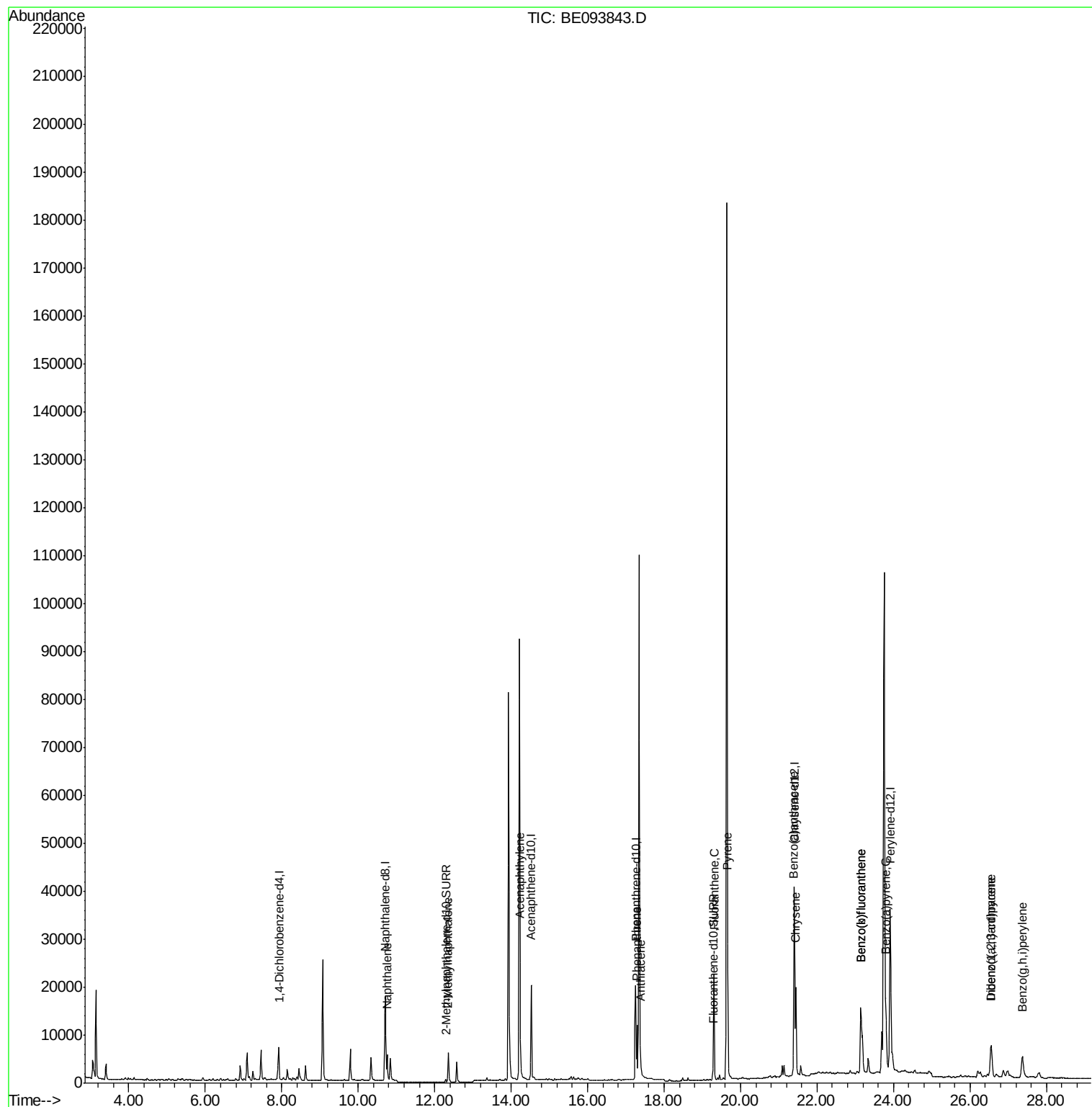
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3454	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	19696	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12308	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	28021	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	36168	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	53527	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	779	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2128	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	8416	0.176	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	5371	0.154	ng/ul	98
7) Acenaphthylene	14.24	152	1751	0.034	ng/ul#	90
12) Phenanthrene	17.29	178	12275	0.161	ng/ul#	90
13) Anthracene	17.38	178	2472	0.033	ng/ul#	94
15) Fluoranthene	19.30	202	26055	0.273	ng/ul	84
17) Pyrene	19.66	202	27883	0.264	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	18453	0.176	ng/ul#	85
19) Chrysene	21.45	228	19225	0.191	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	36829	0.222	ng/ul	92
22) Benzo(k)fluoranthene	23.14	252	36829	0.226	ng/ul	94
23) Benzo(a)pyrene	23.80	252	19227	0.122	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.55	276	13115	0.075	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	3180	0.022	ng/ul#	77
26) Benzo(g,h,i)perylene	27.37	276	11518	0.079	ng/ul	96

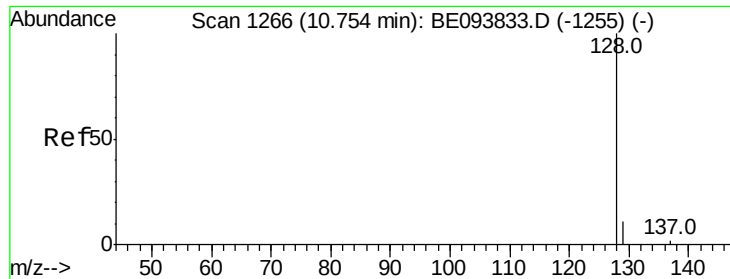
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.176 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

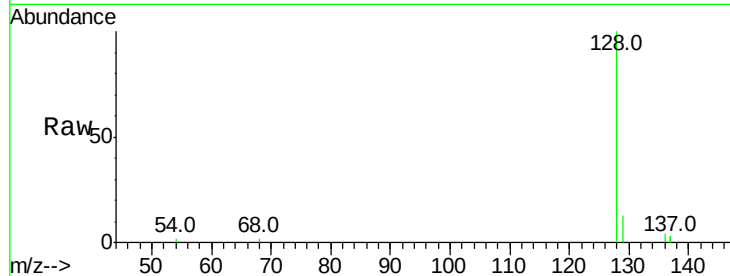
Tot Ion:128 Resp: 8416

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

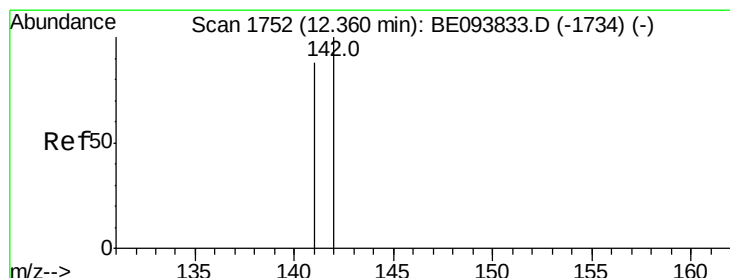
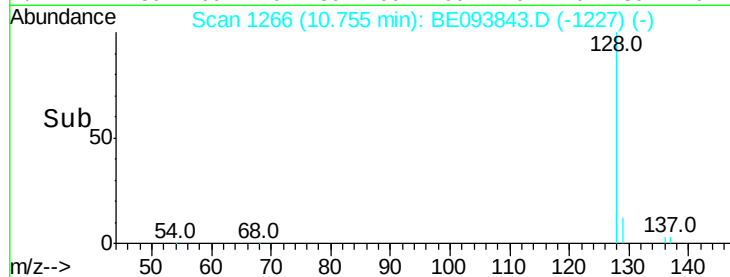
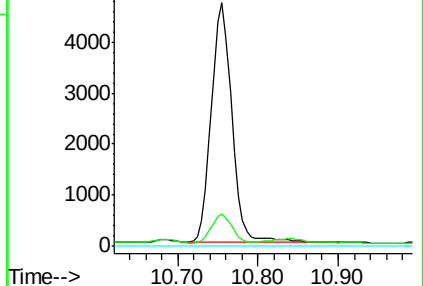
127 0.0 4.0 6.0#



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: 0.154 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093843.D

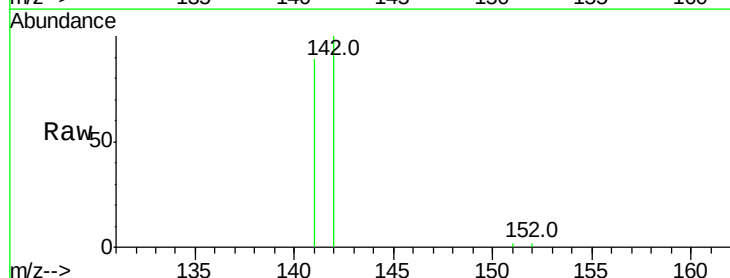
Acq: 16 Aug 2017 16:55

Tgt Ion:142 Resp: 5371

Ion Ratio Lower Upper

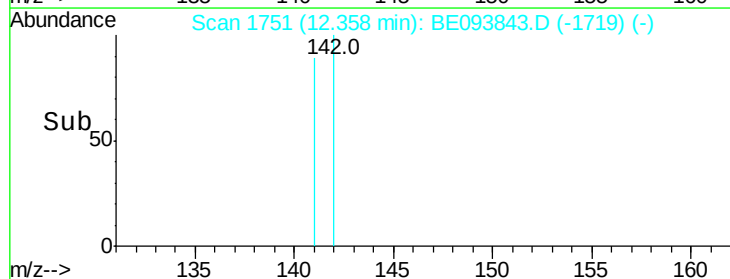
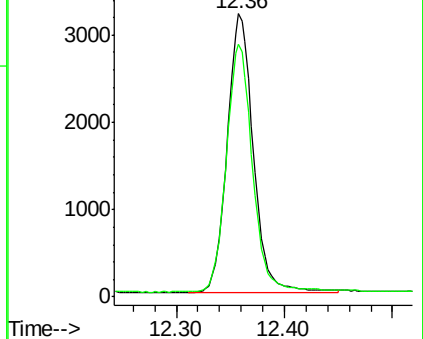
142 100

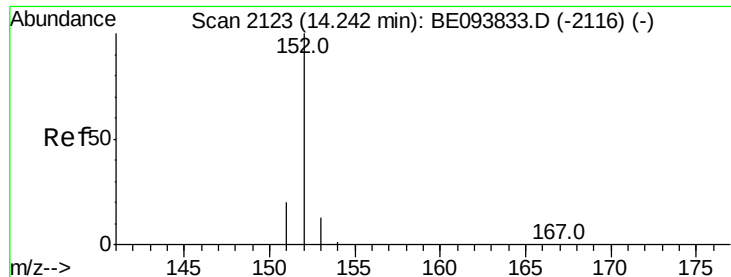
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

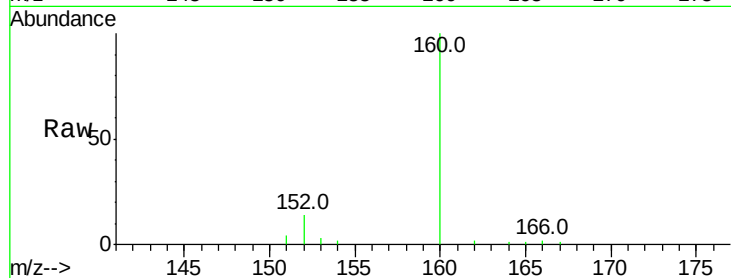
Tot Ion:152 Resp: 1751

Ion Ratio Lower Upper

152 100

151 25.1 17.1 25.7

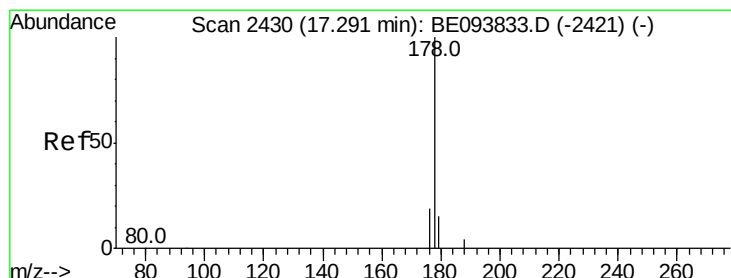
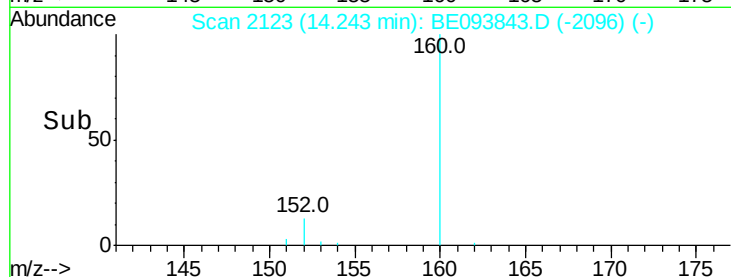
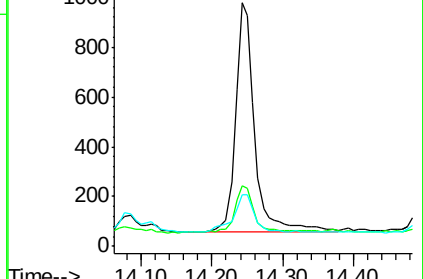
153 21.3 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.161 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

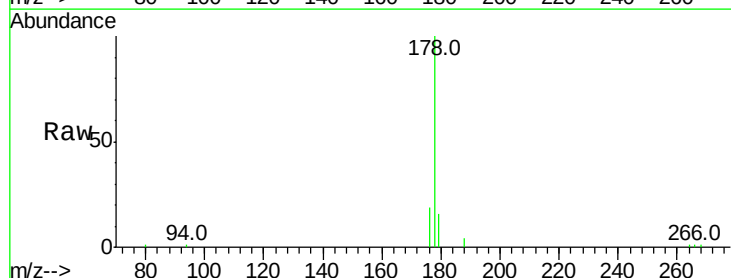
Tgt Ion:178 Resp: 12275

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

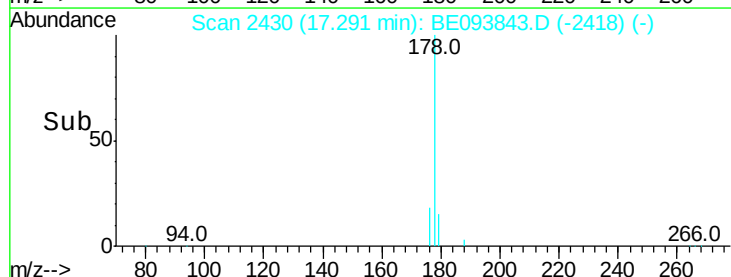
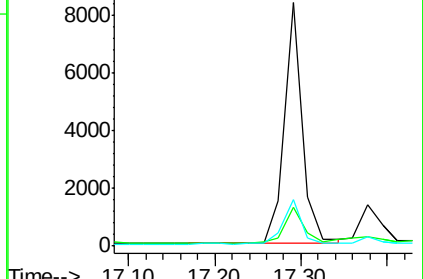
176 18.9 13.6 20.4

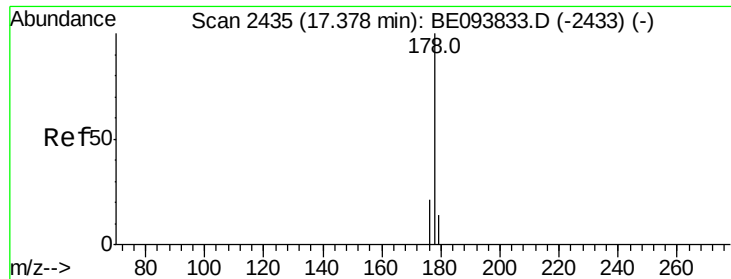


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.033 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

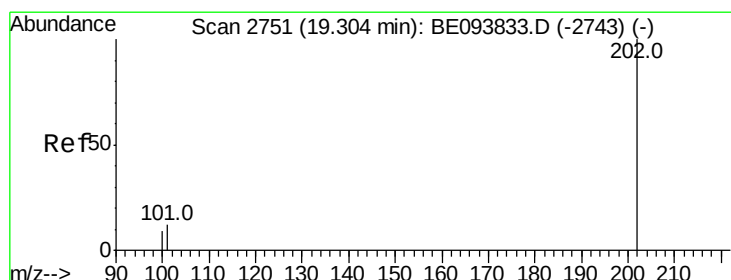
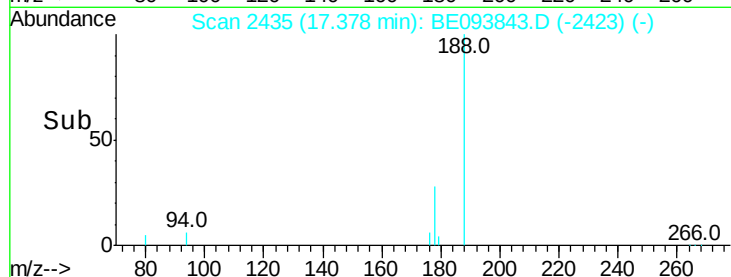
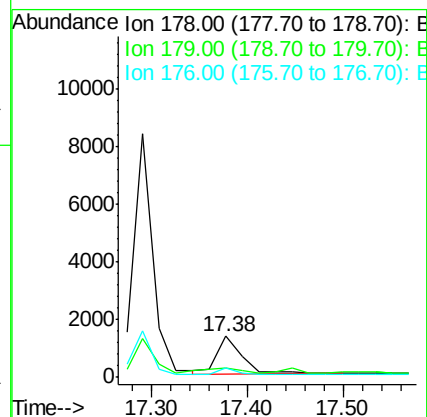
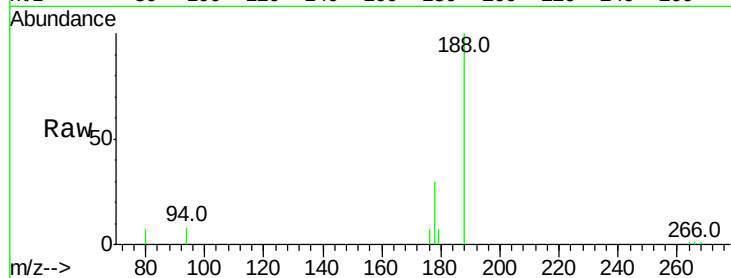
Tot Ion:178 Resp: 2472

Ion Ratio Lower Upper

178 100

179 22.2 18.1 27.1

176 23.5 14.7 22.1#



#15

Fluoranthene

Concen: 0.273 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

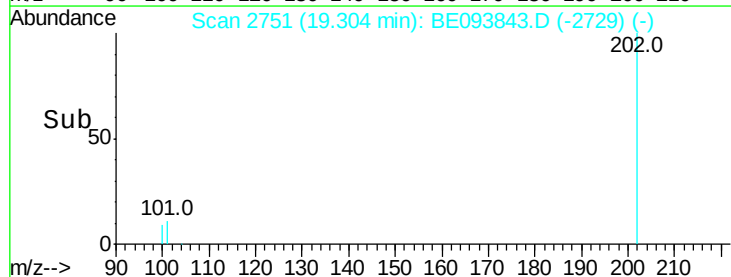
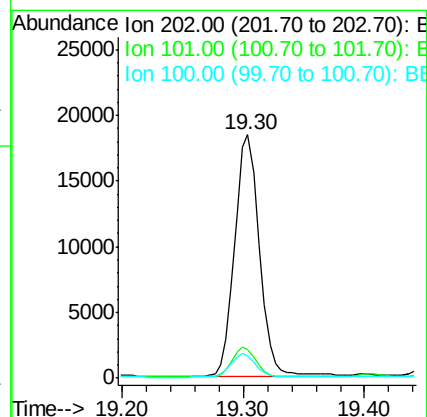
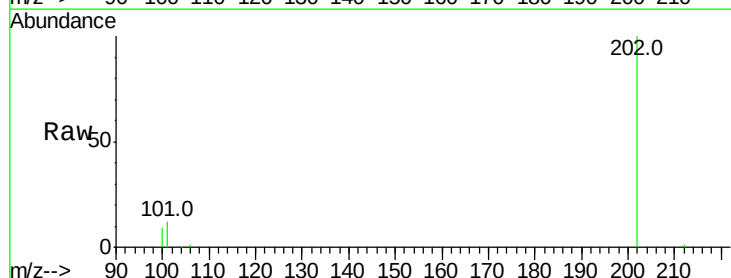
Tgt Ion:202 Resp: 26055

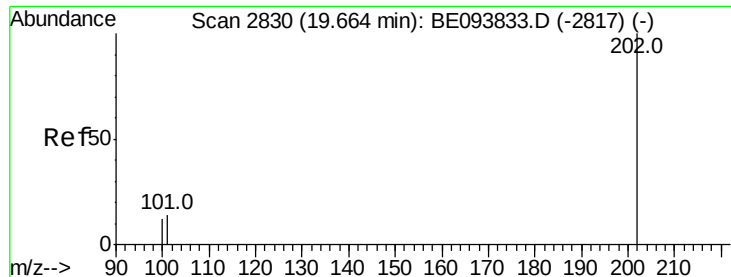
Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

100 9.1 0.0 39.5





#17

Pvrene

Concen: 0.264 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampled :

C0AG3DL

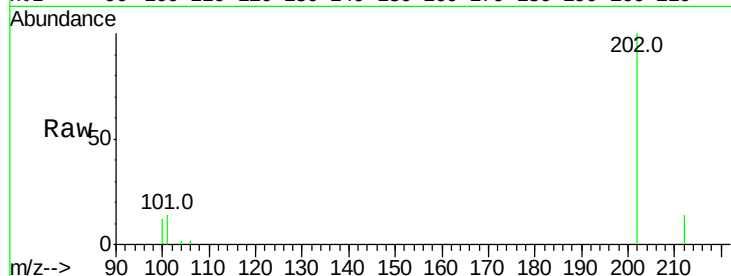
Tot Ion:202 Resp: 27883

Ion Ratio Lower Upper

202 100

101 14.0 18.2 27.4#

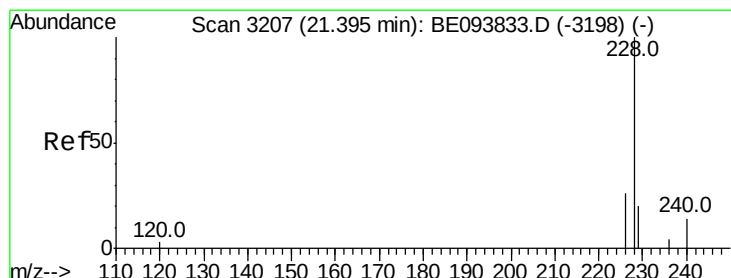
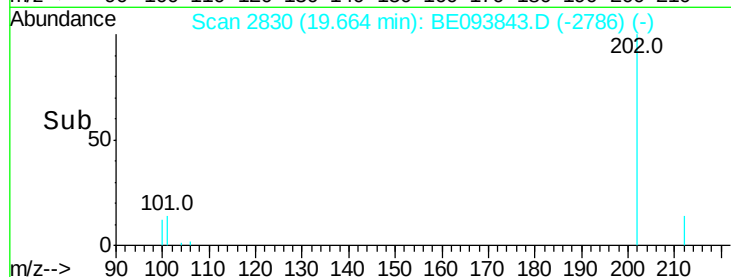
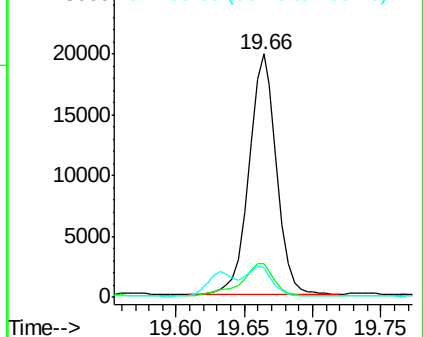
100 12.3 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.176 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

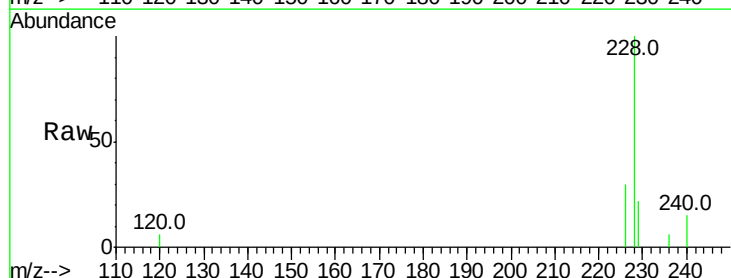
Tgt Ion:228 Resp: 18453

Ion Ratio Lower Upper

228 100

229 22.0 22.8 34.2#

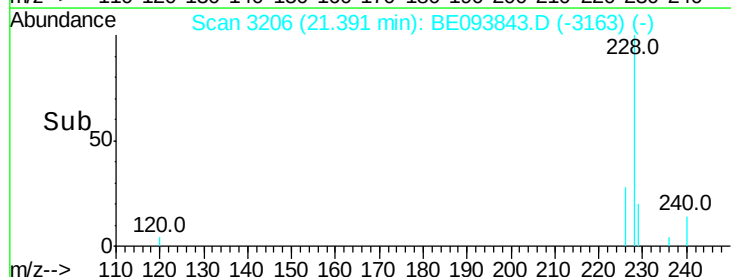
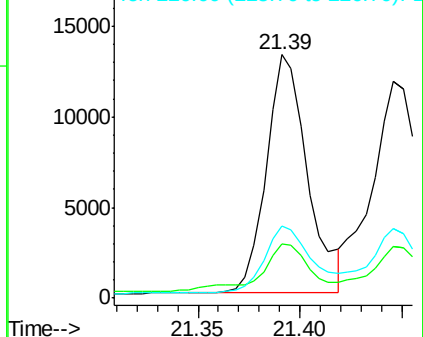
226 29.7 17.0 25.6#

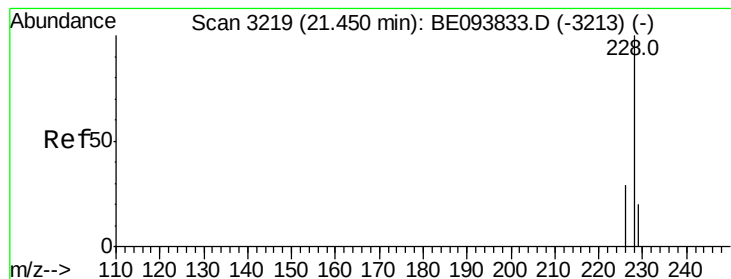


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.191 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

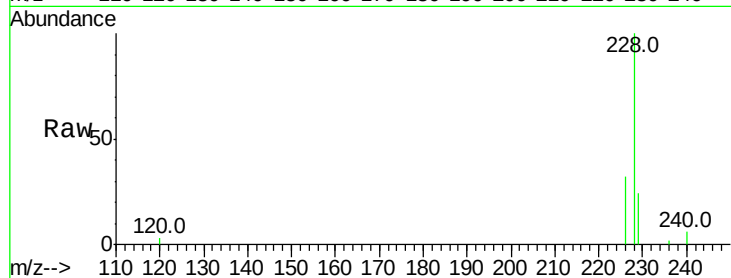
Tot Ion:228 Resp: 19225

Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.0

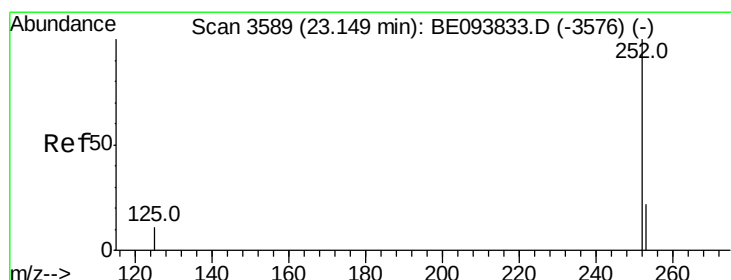
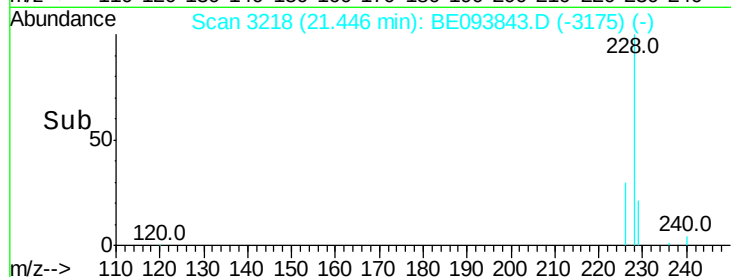
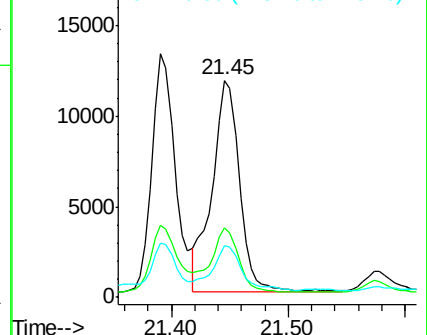
229 23.6 17.7 26.5



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: 0.222 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

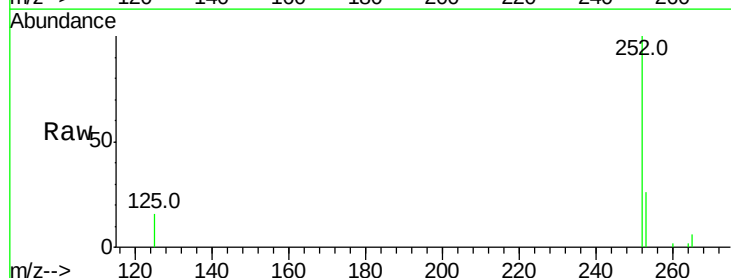
Tgt Ion:252 Resp: 36829

Ion Ratio Lower Upper

252 100

253 25.7 0.0 64.2

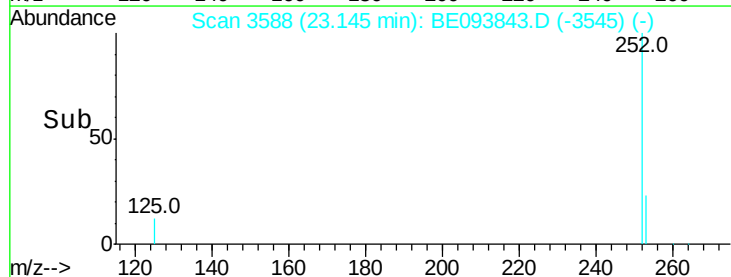
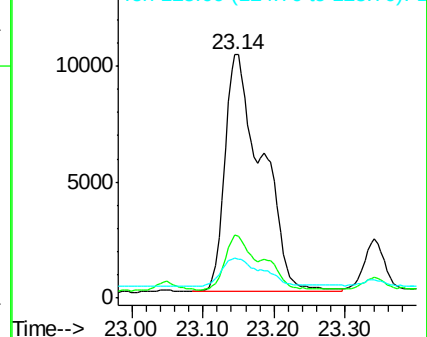
125 16.5 0.0 35.0

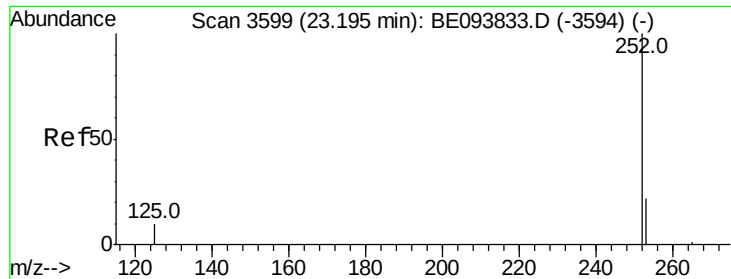


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.226 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

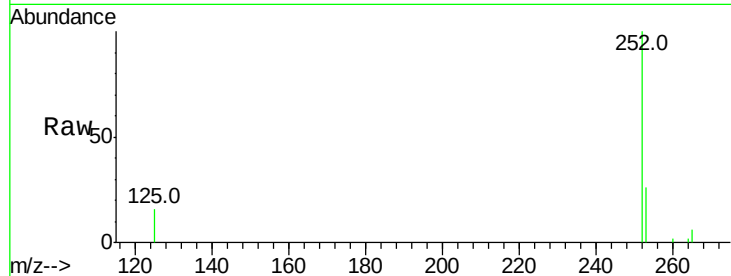
Tot Ion:252 Resp: 36829

Ion Ratio Lower Upper

252 100

253 25.7 24.5 36.7

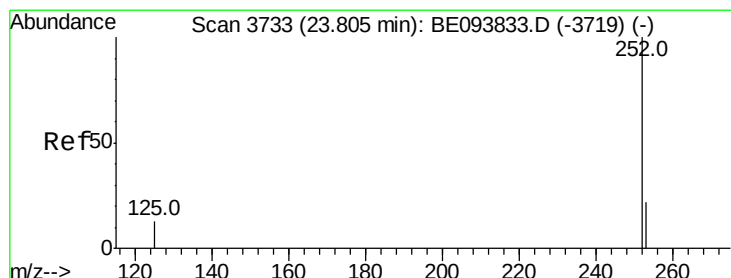
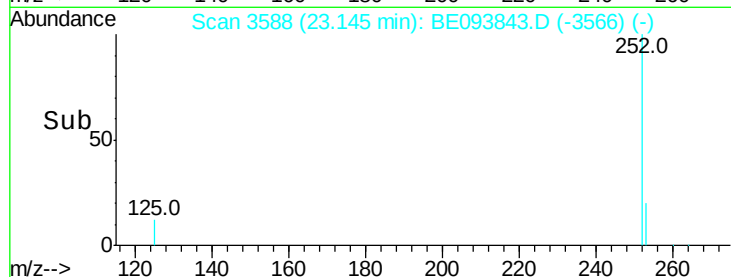
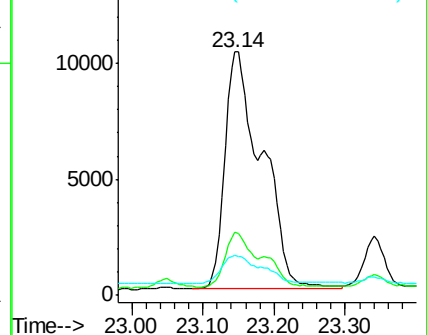
125 16.5 13.7 20.5



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: 0.122 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

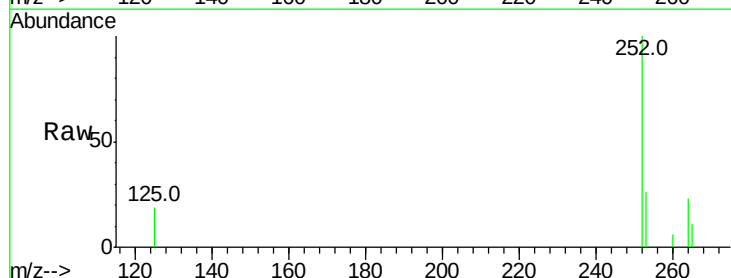
Tgt Ion:252 Resp: 19227

Ion Ratio Lower Upper

252 100

253 25.9 28.5 42.7#

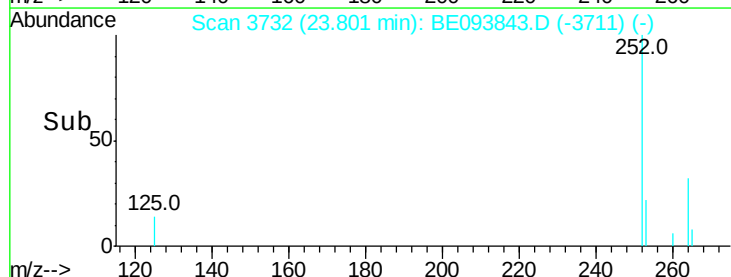
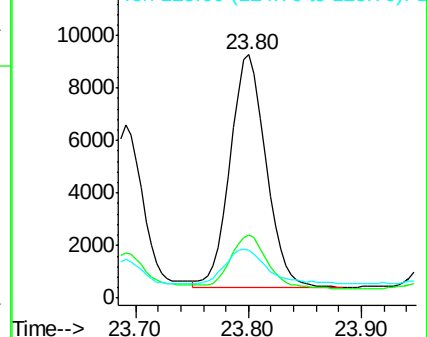
125 19.5 18.1 27.1

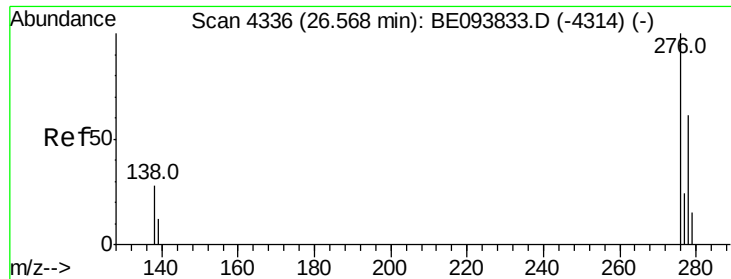


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



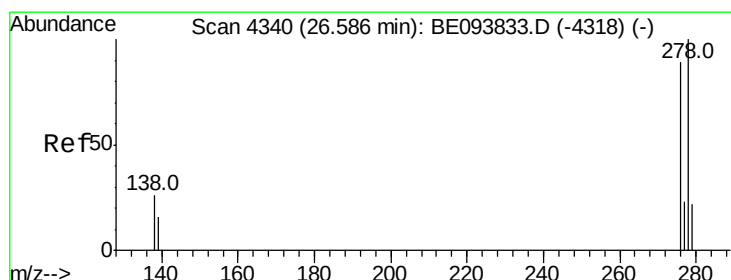
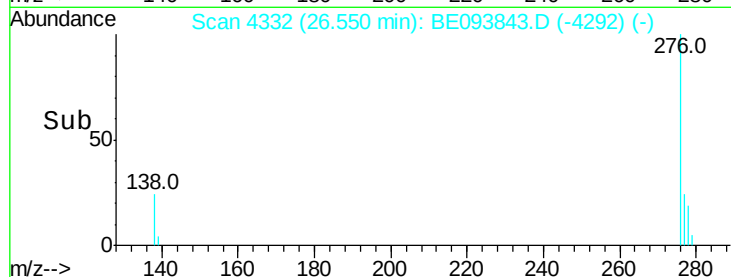
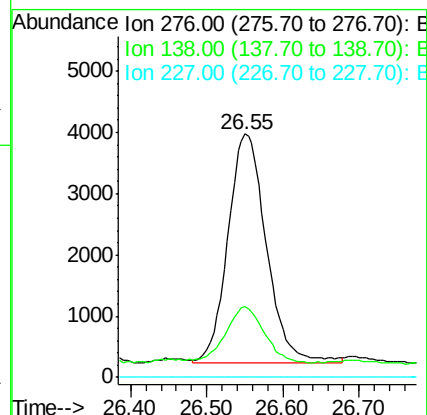
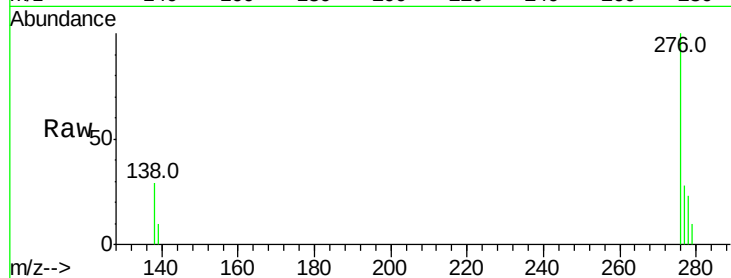


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 26.55 min Scan# 4332
Delta R.T. -0.02 min
Lab File: BE093843.D
Acq: 16 Aug 2017 16:55

Instrument :
BNA_E
ClientSampleId :
C0AG3DL

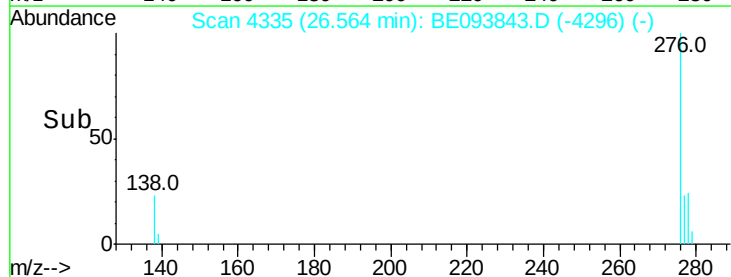
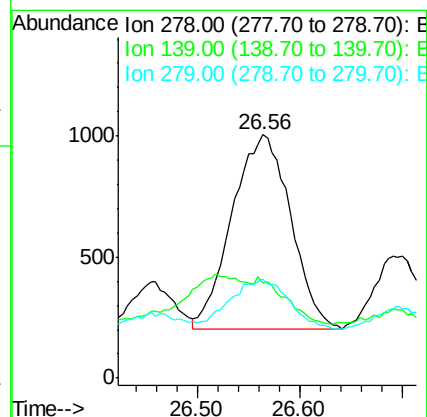
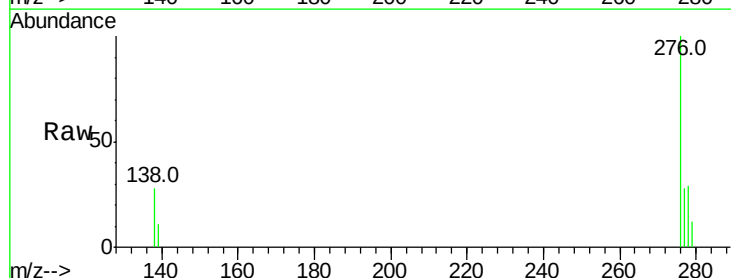
Tot Ion:276 Resp: 13115
Ion Ratio Lower Upper
276 100
138 24.7 28.0 42.0#
227 0.0 8.0 12.0#

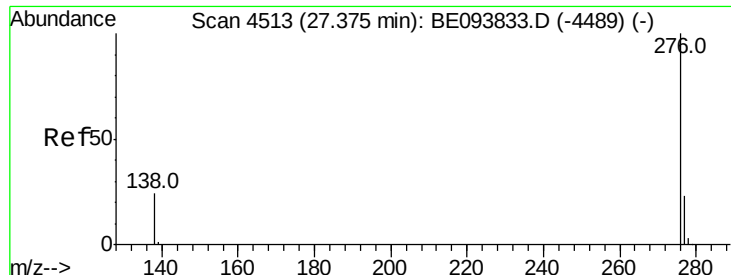


#25

Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.02 min
Lab File: BE093843.D
Acq: 16 Aug 2017 16:55

Tgt Ion:278 Resp: 3180
Ion Ratio Lower Upper
278 100
139 38.9 17.4 26.0#
279 40.6 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.079 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. -0.00 min

Lab File: BE093843.D

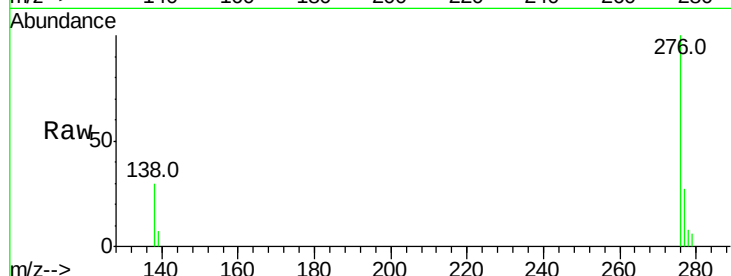
Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL



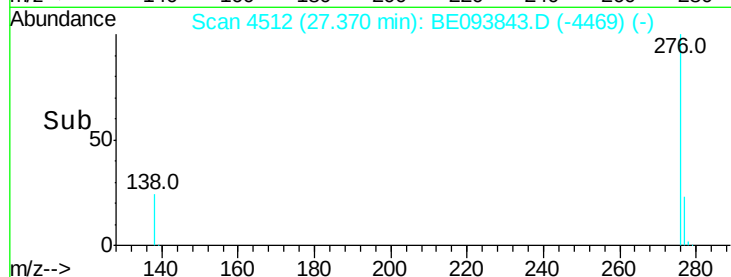
Tot Ion:276 Resp: 11518

Ion Ratio Lower Upper

276 100

138 29.6 21.8 32.8

277 27.4 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

