

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093822.D
 Acq On : 16 Aug 2017 00:06
 Operator : SJ/JU
 Sample : I4672-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH0

Quant Time: Aug 16 07:37:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

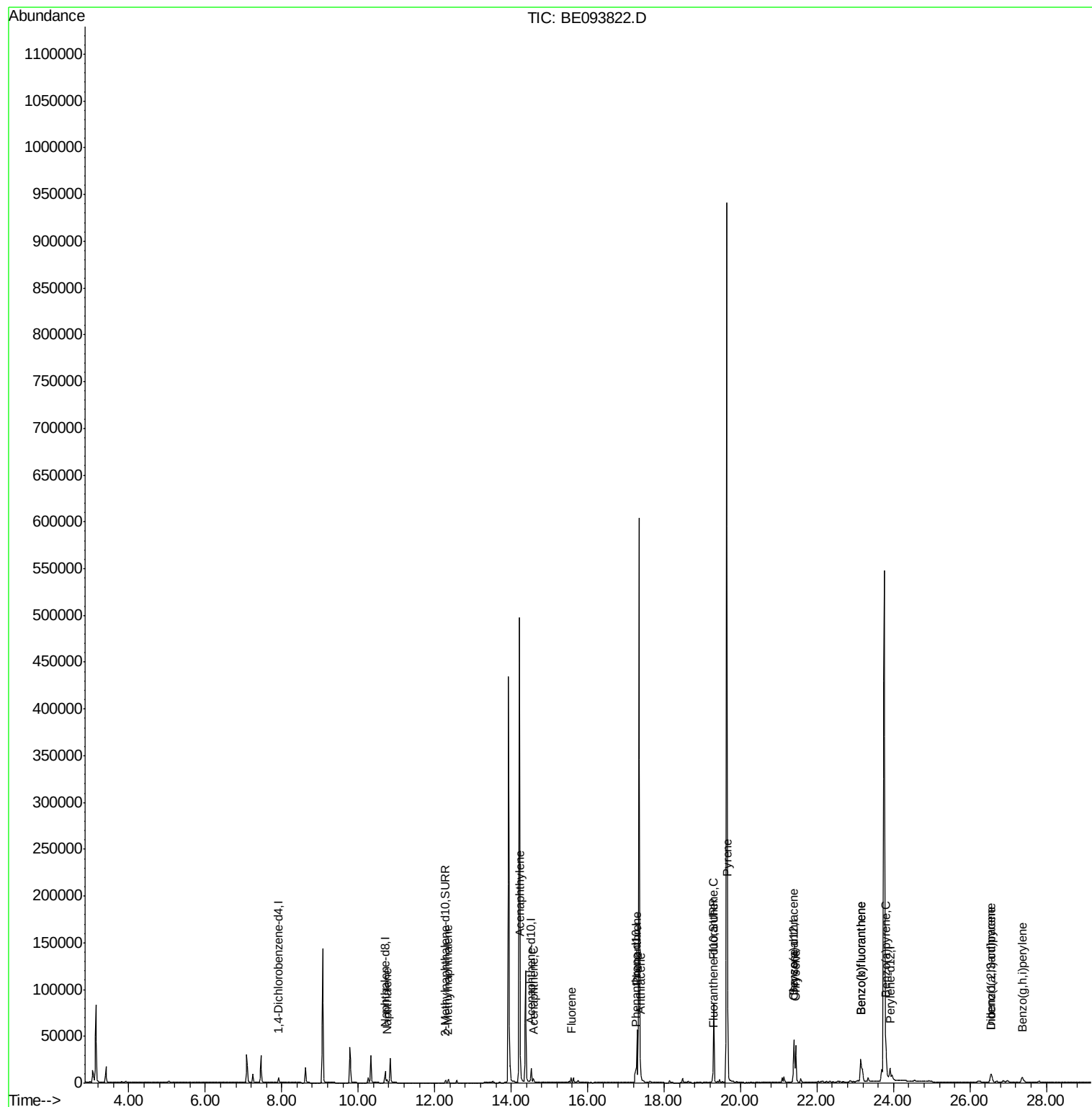
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2552	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13732	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8402	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17962	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19424	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	24542	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4090	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11394	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5699	0.171	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	3195	0.131	ng/ul	99
7) Acenaphthylene	14.24	152	3045	0.087	ng/ul	98
8) Acenaphthene	14.58	153	2360	0.085	ng/ul	99
9) Fluorene	15.57	166	3141	0.090	ng/ul	94
12) Phenanthrene	17.29	178	62782	1.283	ng/ul#	90
13) Anthracene	17.38	178	12463	0.262	ng/ul#	91
15) Fluoranthene	19.30	202	95249	1.557	ng/ul	84
17) Pyrene	19.66	202	86316	1.522	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	39548	0.702	ng/ul#	85
19) Chrysene	21.44	228	40100	0.742	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	64578	0.851	ng/ul	87
22) Benzo(k)fluoranthene	23.14	252	64578	0.863	ng/ul#	89
23) Benzo(a)pyrene	23.80	252	34416	0.477	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.55	276	19096	0.240	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	4309	0.065	ng/ul#	93
26) Benzo(a,h,i)perylene	27.38	276	15422	0.230	ng/ul	99

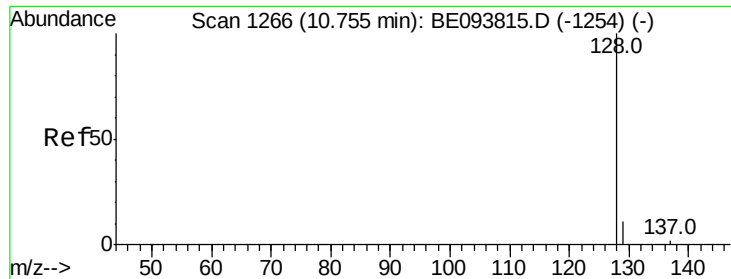
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.171 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

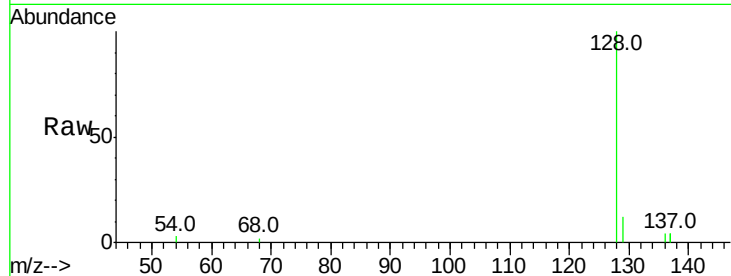
Tot Ion:128 Resp: 5699

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

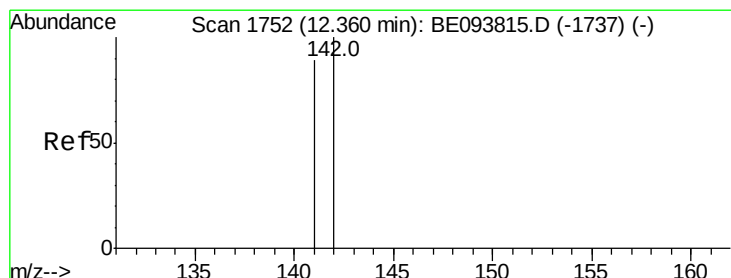
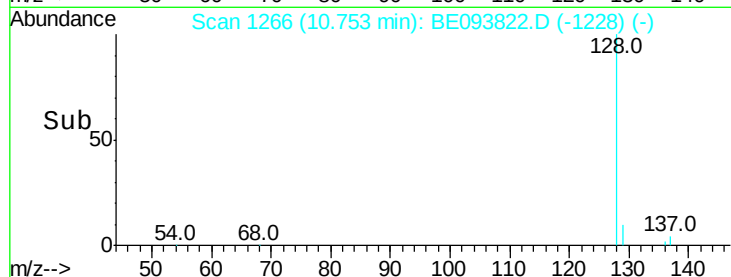
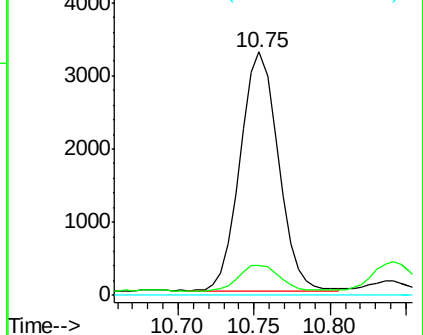
127 0.0 4.0 6.0#



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: 0.131 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093822.D

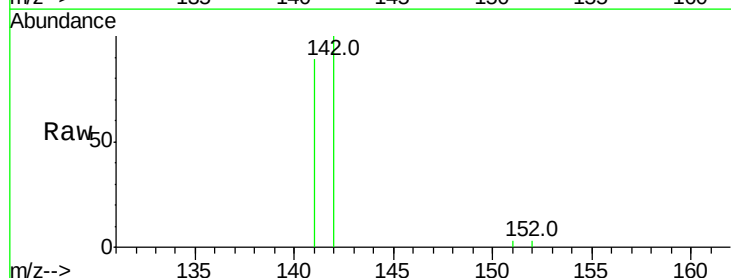
Acq: 16 Aug 2017 00:06

Tgt Ion:142 Resp: 3195

Ion Ratio Lower Upper

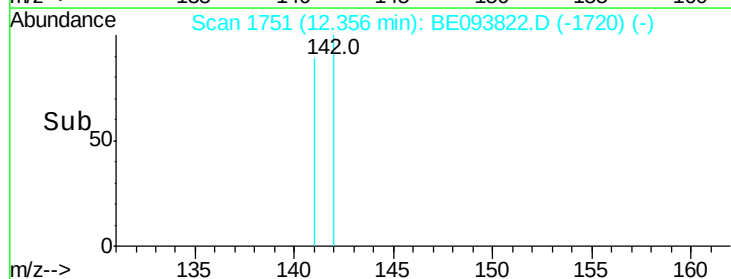
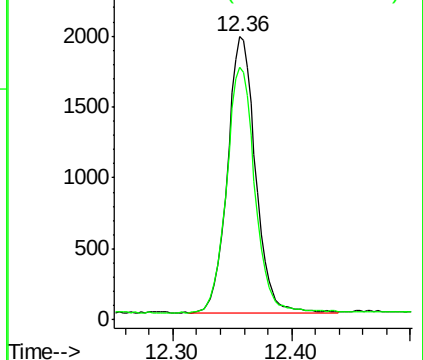
142 100

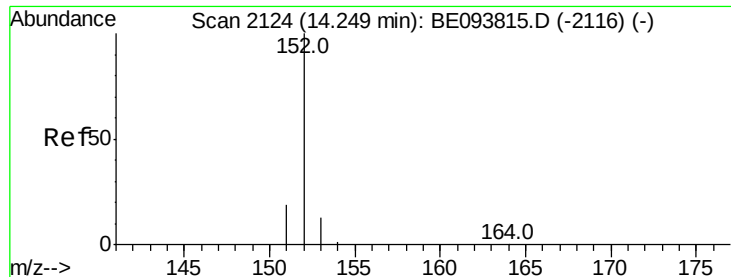
141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

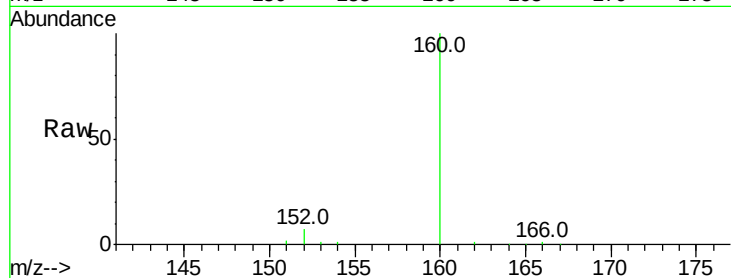
Tot Ion:152 Resp: 3045

Ion Ratio Lower Upper

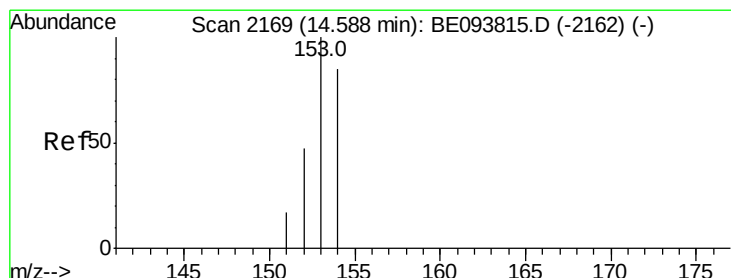
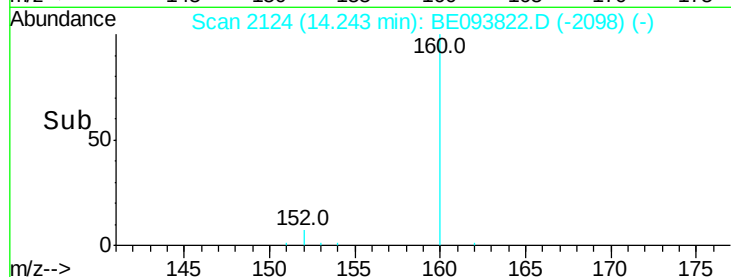
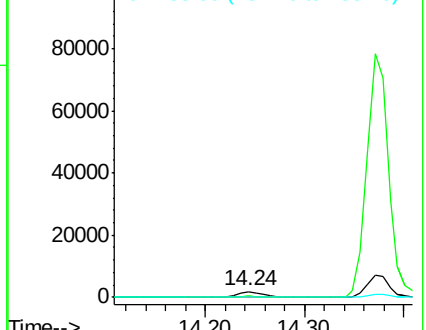
152 100

151 22.3 17.1 25.7

153 17.3 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: 0.085 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

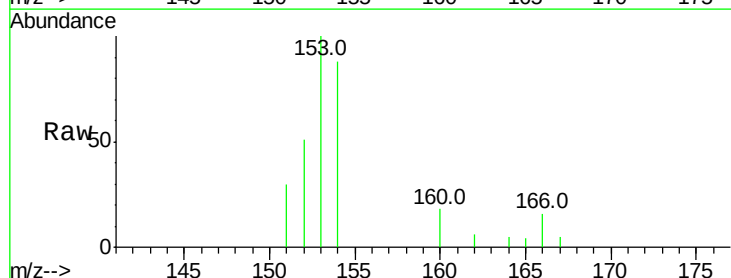
Tgt Ion:153 Resp: 2360

Ion Ratio Lower Upper

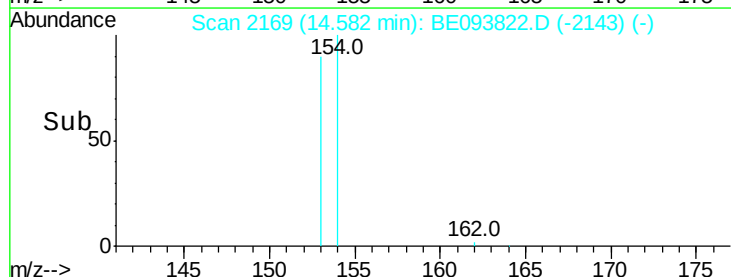
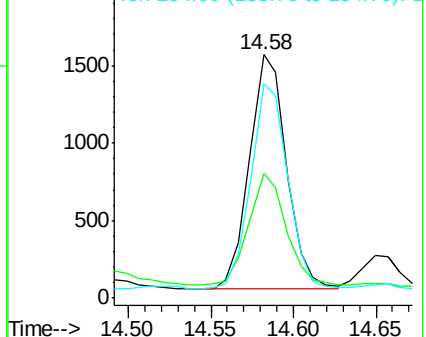
153 100

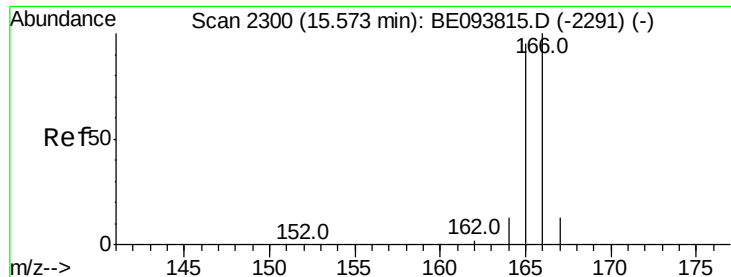
152 51.4 40.3 60.5

154 87.9 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

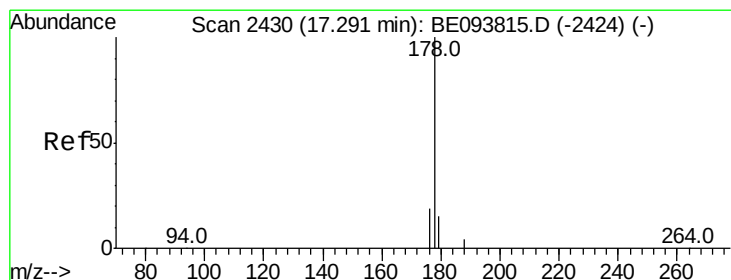
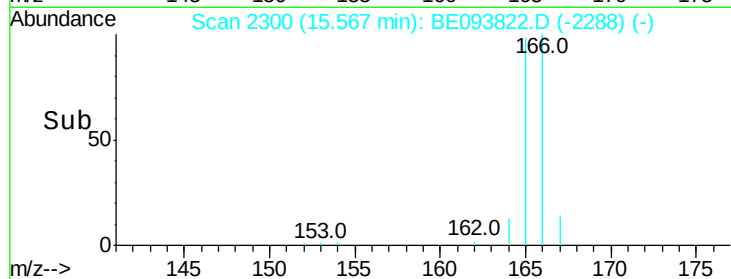
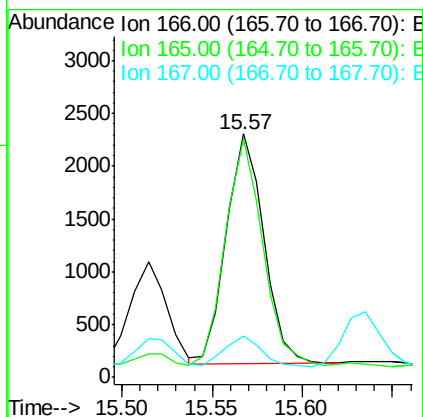
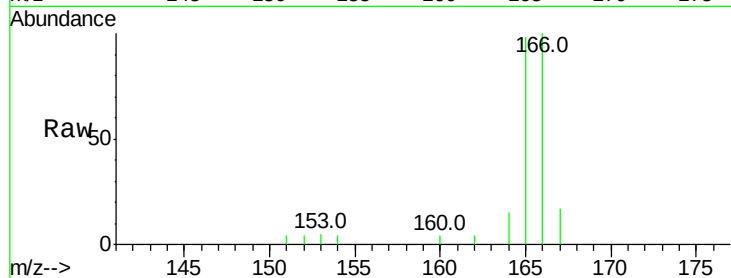




#9
Fluorene
Concen: 0.090 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE093822.D
Acq: 16 Aug 2017 00:06

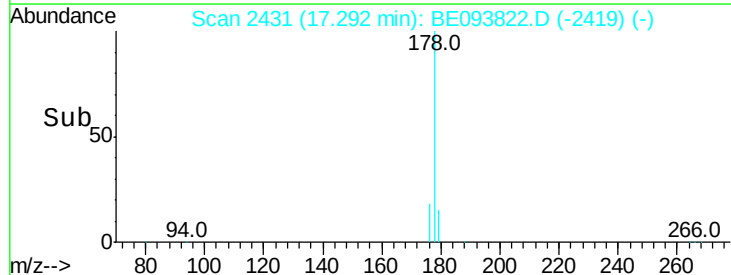
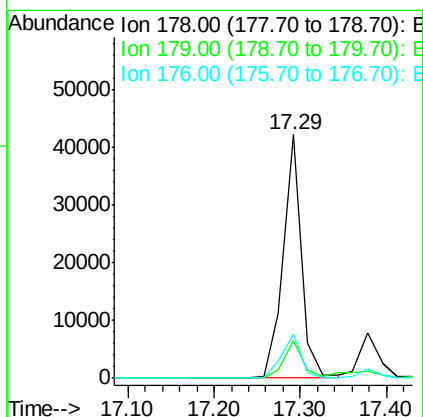
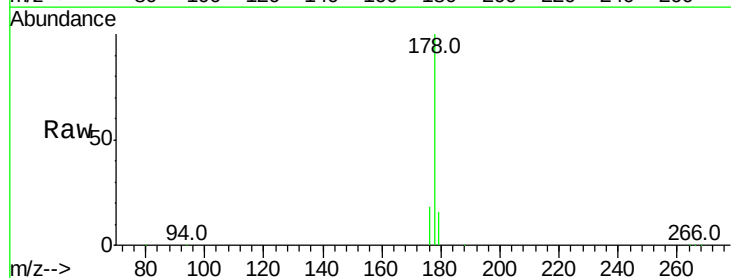
Instrument :
BNA_E
ClientSampleId :
C0AH0

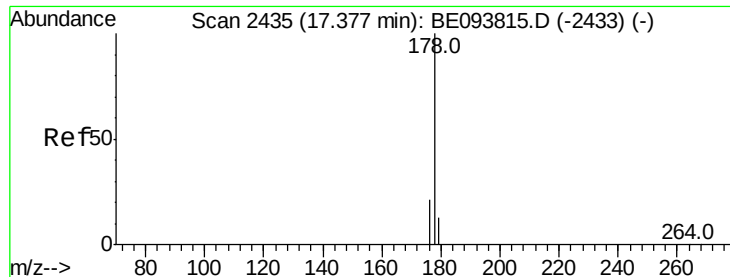
Tot Ion:166 Resp: 3141
Ion Ratio Lower Upper
166 100
165 97.8 73.4 110.2
167 17.2 14.6 22.0



#12
Phenanthrene
Concen: 1.283 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093822.D
Acq: 16 Aug 2017 00:06

Tgt Ion:178 Resp: 62782
Ion Ratio Lower Upper
178 100
179 15.7 18.4 27.6#
176 18.2 13.6 20.4





#13

Anthracene

Concen: 0.262 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

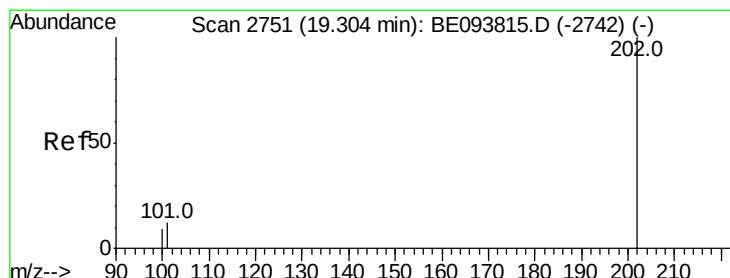
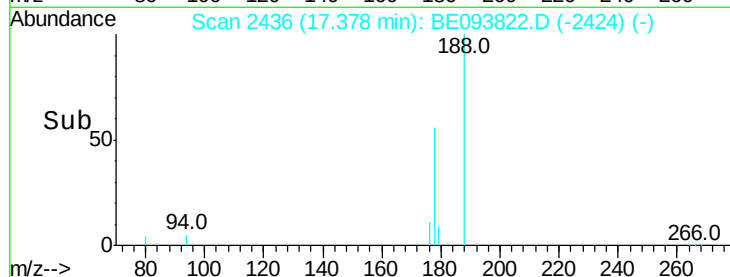
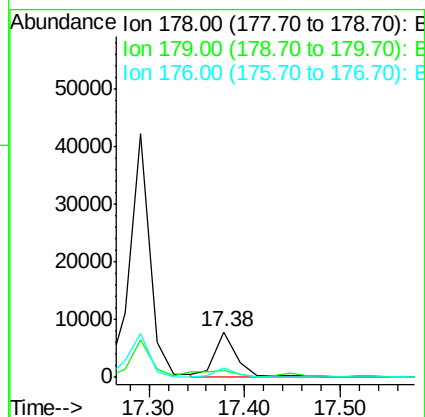
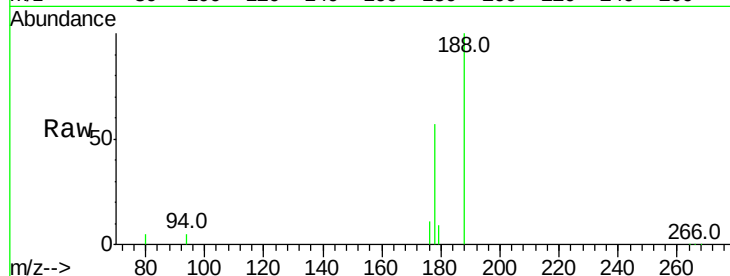
Tot Ion:178 Resp: 12463

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

176 19.7 14.7 22.1



#15

Fluoranthene

Concen: 1.557 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

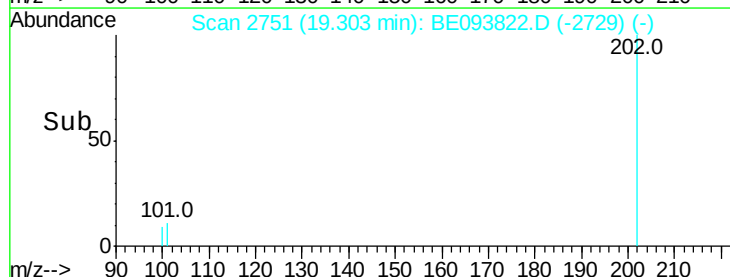
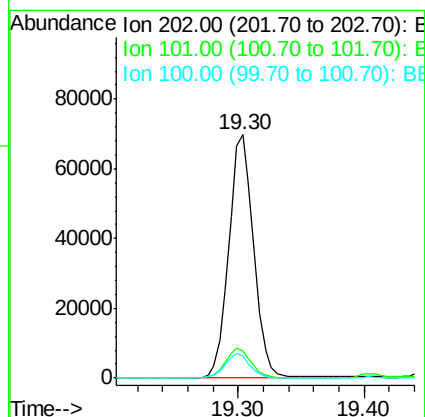
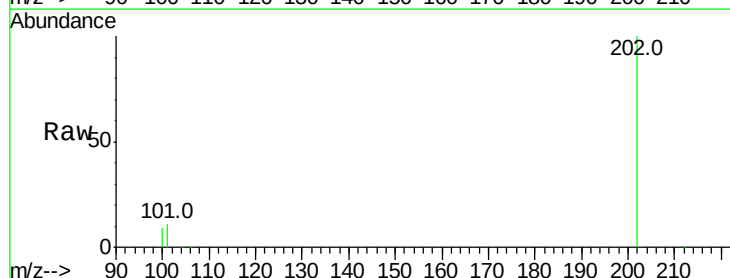
Tgt Ion:202 Resp: 95249

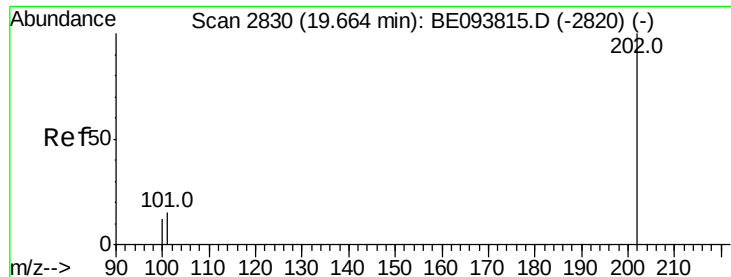
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

100 8.9 0.0 39.5





#17

Pvrene

Concen: 1.522 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

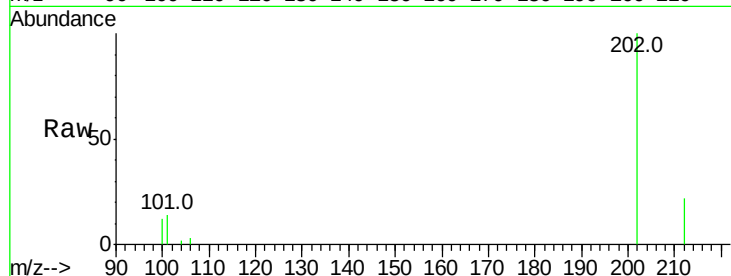
Tot Ion:202 Resp: 86316

Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

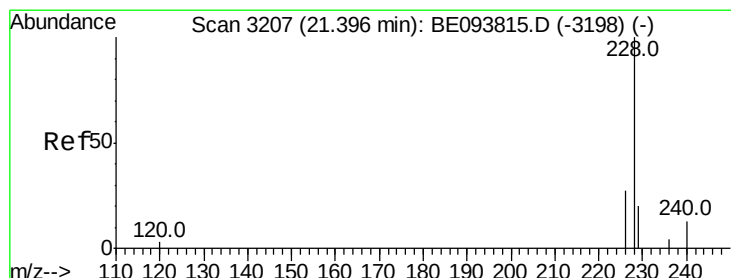
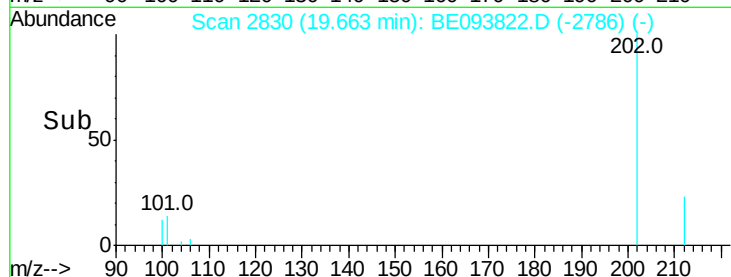
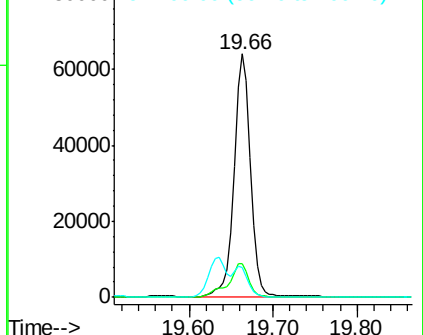
100 12.3 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 0.702 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

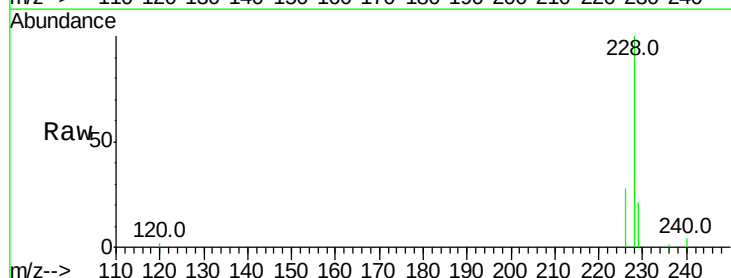
Tgt Ion:228 Resp: 39548

Ion Ratio Lower Upper

228 100

229 20.7 22.8 34.2#

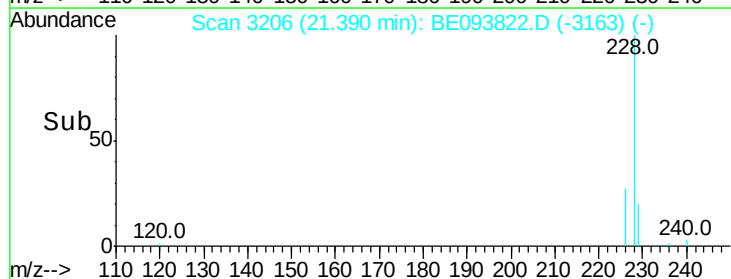
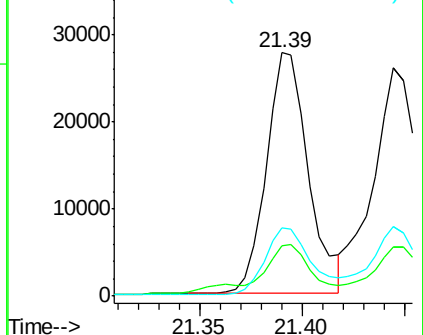
226 28.0 17.0 25.6#

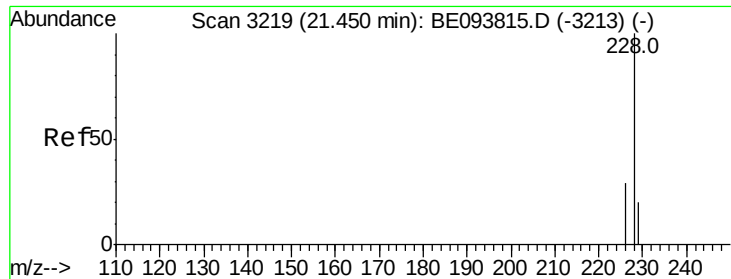


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.742 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

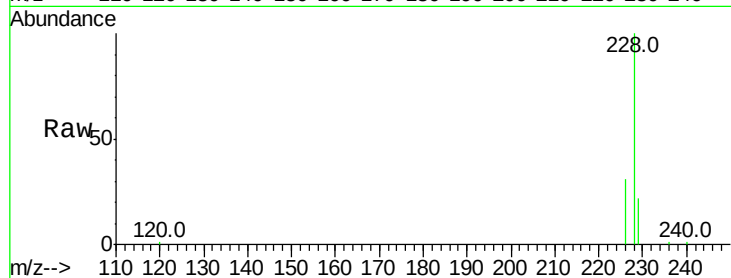
Tot Ion:228 Resp: 40100

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

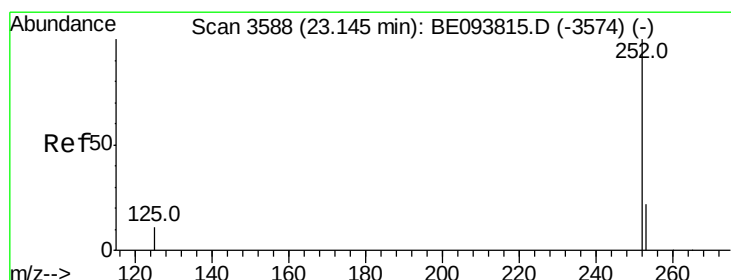
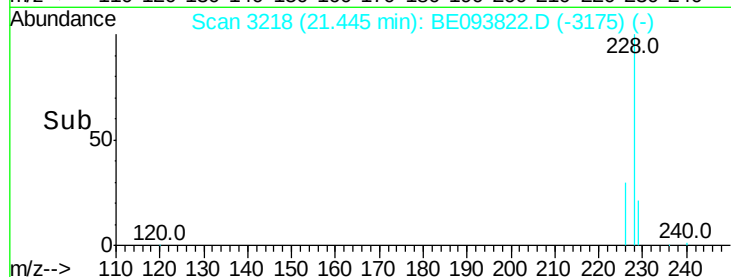
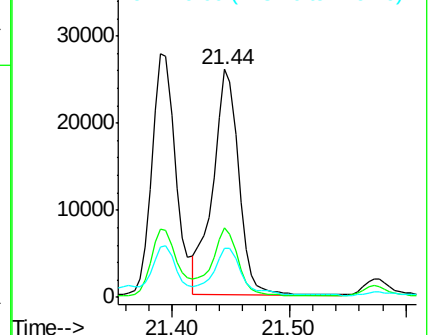
229 21.8 17.7 26.5



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: 0.851 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

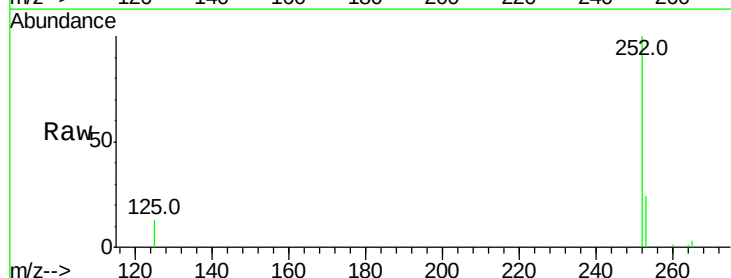
Tgt Ion:252 Resp: 64578

Ion Ratio Lower Upper

252 100

253 23.7 0.0 64.2

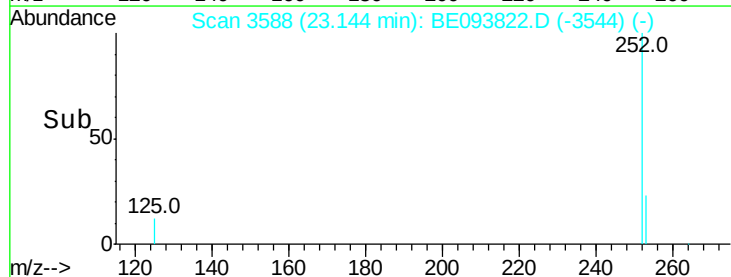
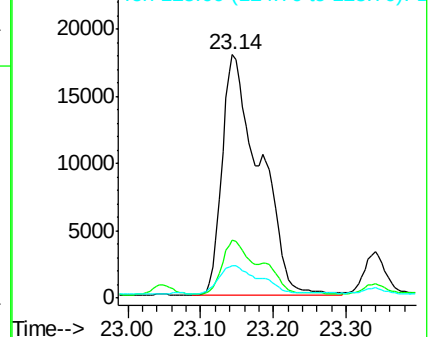
125 13.4 0.0 35.0

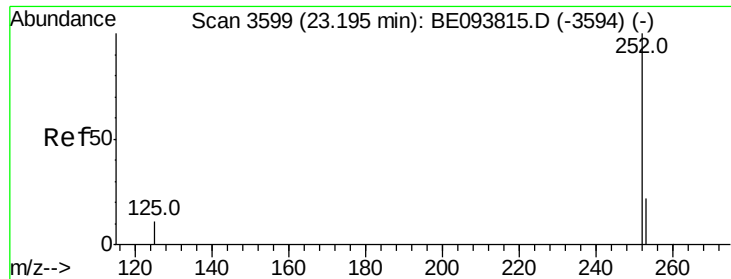


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.863 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

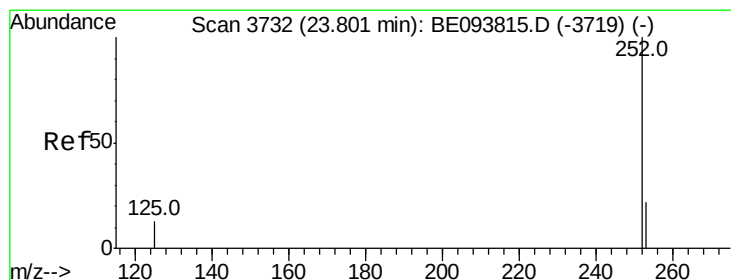
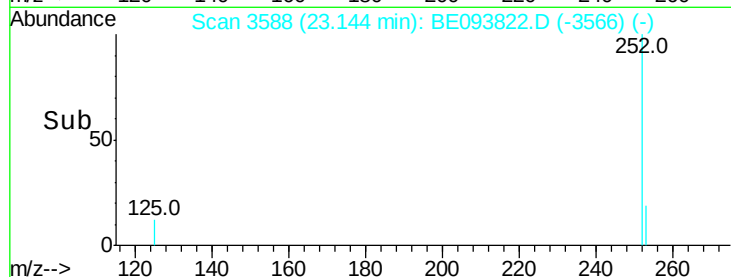
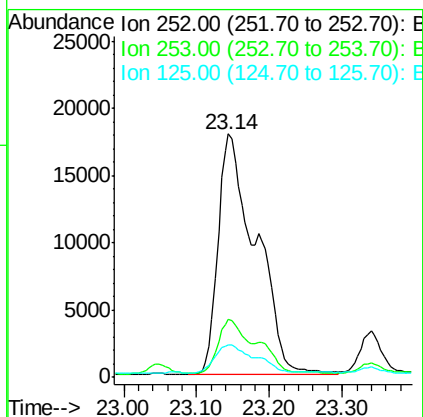
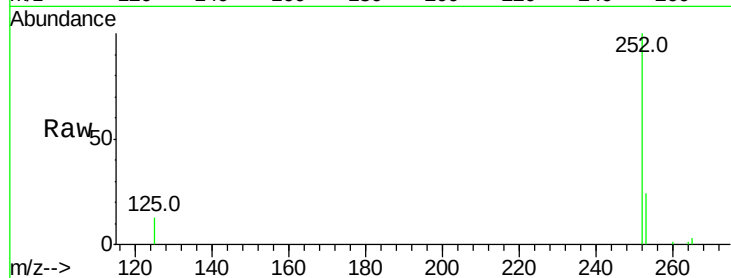
Tot Ion:252 Resp: 64578

Ion Ratio Lower Upper

252 100

253 23.7 24.5 36.7#

125 13.4 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.477 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

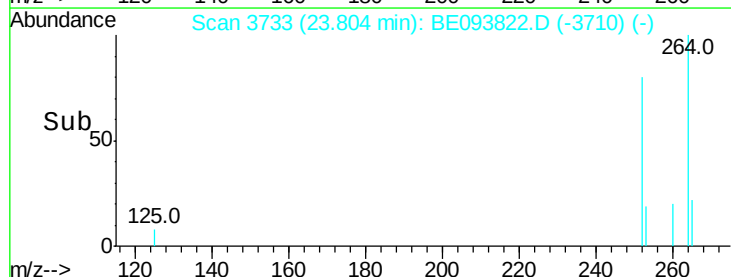
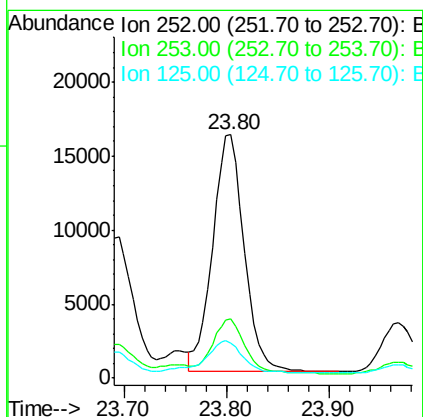
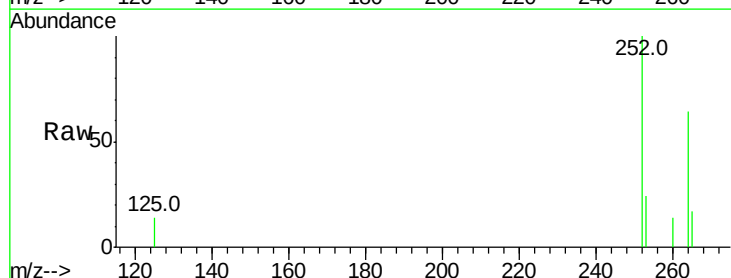
Tgt Ion:252 Resp: 34416

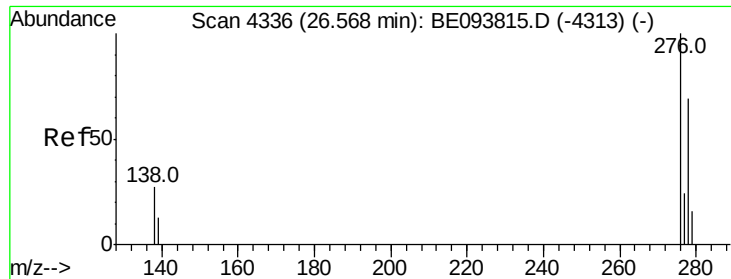
Ion Ratio Lower Upper

252 100

253 24.4 28.5 42.7#

125 14.2 18.1 27.1#



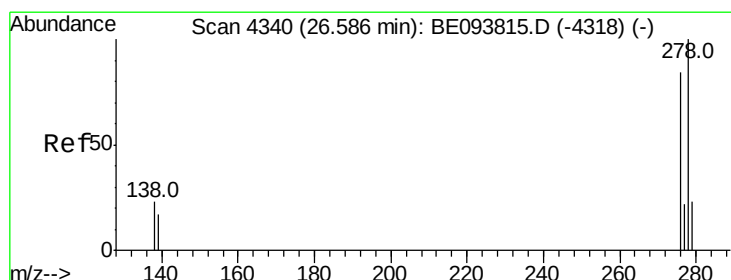
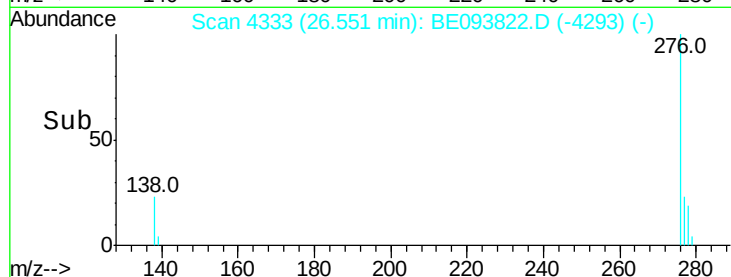
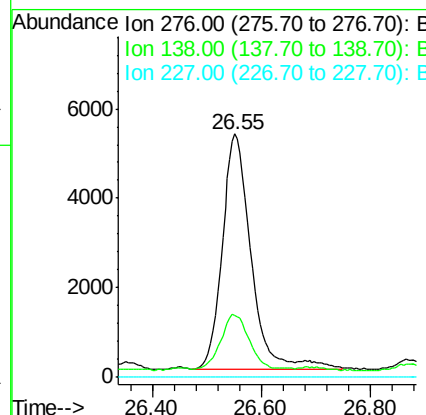
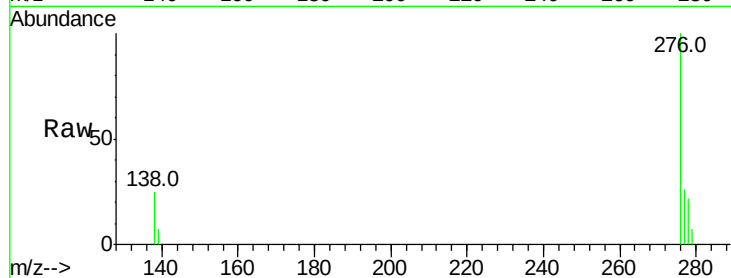


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.240 ng/ul
RT: 26.55 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BE093822.D
Acq: 16 Aug 2017 00:06

Instrument :
BNA_E
ClientSampleId :
COAH0

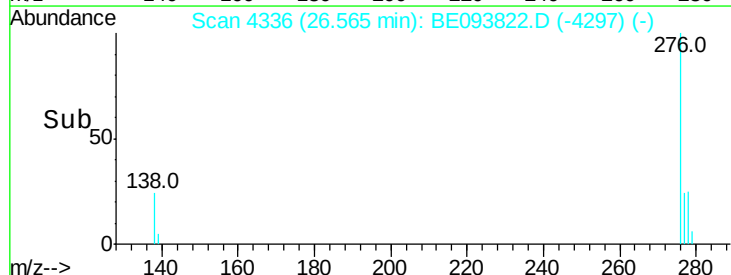
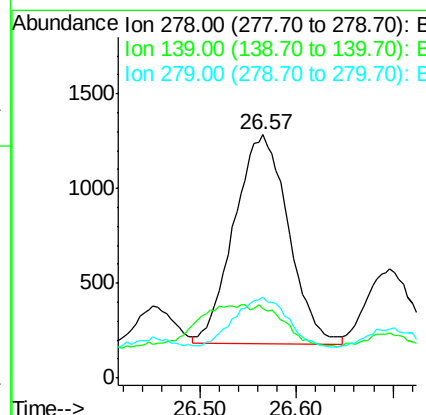
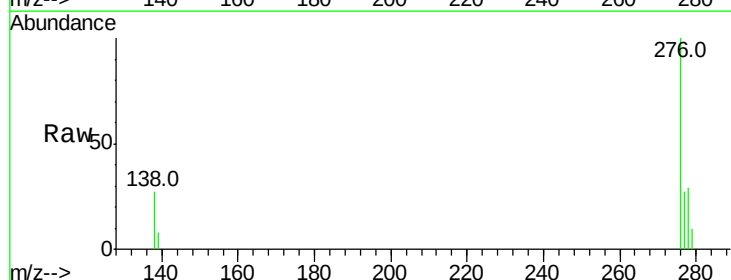
Tot Ion:276 Resp: 19096
Ion Ratio Lower Upper
276 100
138 24.1 28.0 42.0#
227 0.0 8.0 12.0#

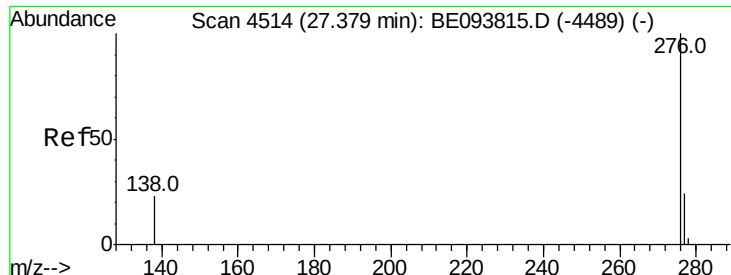


#25

Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.02 min
Lab File: BE093822.D
Acq: 16 Aug 2017 00:06

Tgt Ion:278 Resp: 4309
Ion Ratio Lower Upper
278 100
139 28.7 17.4 26.0#
279 33.5 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.230 ng/ul

RT: 27.38 min Scan# 4514

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0

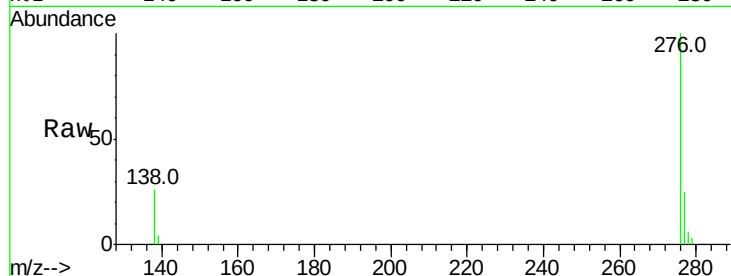
Tot Ion:276 Resp: 15422

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.8

277 25.3 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

