

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093852.D
 Acq On : 16 Aug 2017 22:32
 Operator : SJ/JU
 Sample : I4672-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG5

Quant Time: Aug 17 03:07:01 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

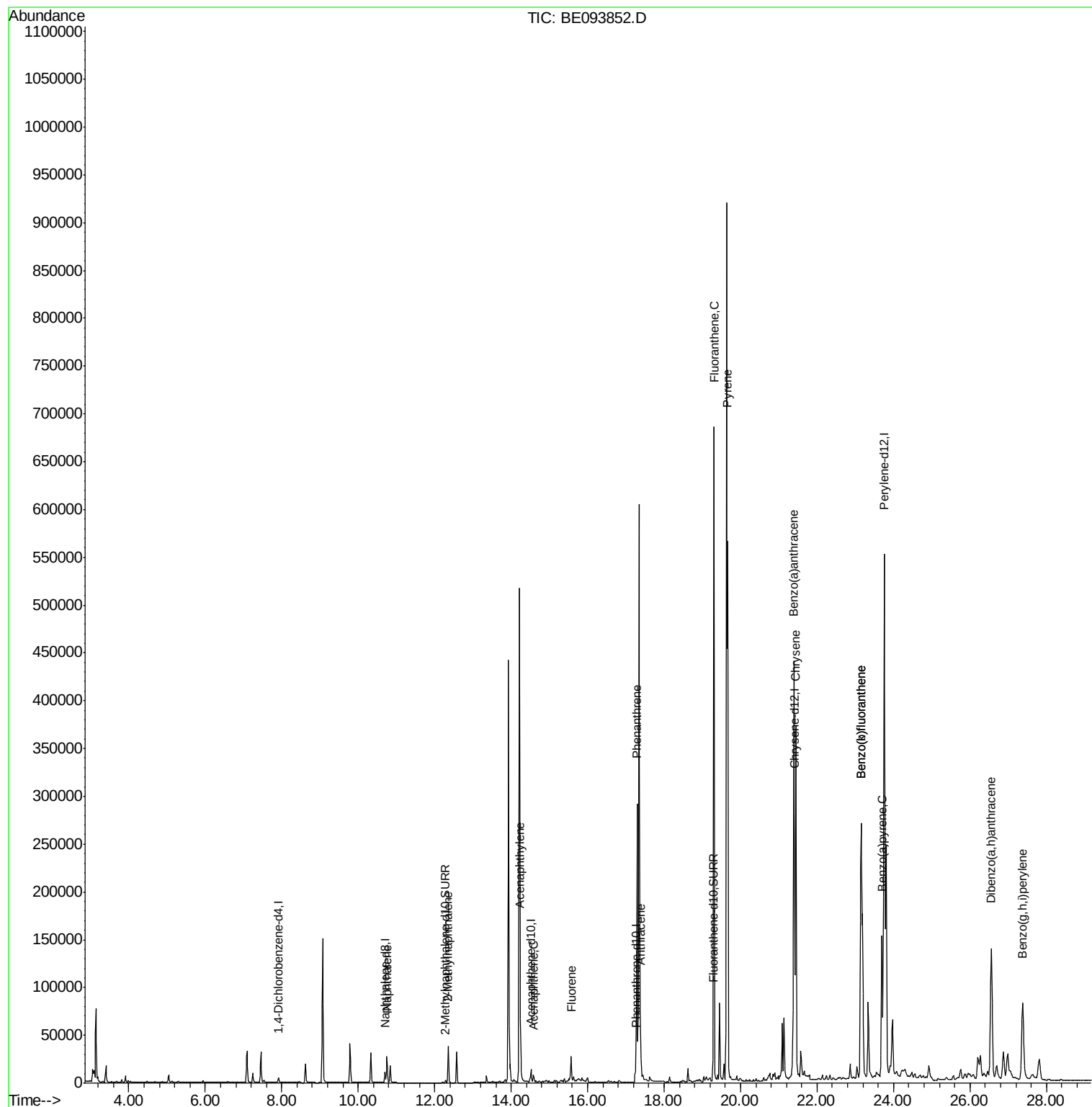
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2329	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11926	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7350	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15240	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16628	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	793421	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4336	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11267	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	43739	1.508	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	33589	1.587	ng/ul	98
7) Acenaphthylene	14.24	152	51234	1.666	ng/ul	97
8) Acenaphthene	14.58	153	5174	0.214	ng/ul	95
9) Fluorene	15.57	166	16886	0.552	ng/ul	91
12) Phenanthrene	17.29	178	322129	7.761	ng/ul#	90
13) Anthracene	17.38	178	73010	1.806	ng/ul#	90
15) Fluoranthene	19.30	202	766974	14.777	ng/ul	84
17) Pyrene	19.66	202	664141	13.683	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	400005	8.297	ng/ul#	83
19) Chrysene	21.45	228	381418	8.248	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	497391	0.203	ng/ul	86
22) Benzo(k)fluoranthene	23.15	252	497391	0.206	ng/ul#	87
23) Benzo(a)pyrene	23.70	252	237370	0.102	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.57	278	47977	0.022	ng/ul	95
26) Benzo(a,h,i)perylene	27.38	276	106704	0.049	ng/ul	97

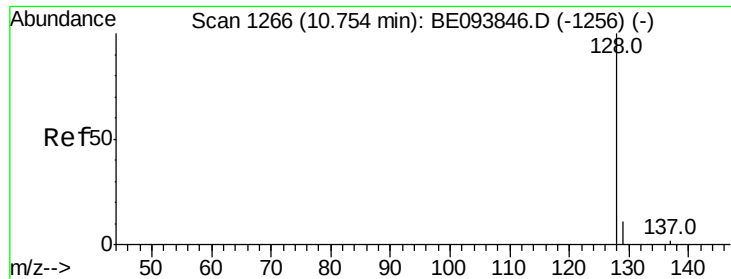
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.508 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

Instrument :

BNA_E

ClientSampleId :

C0AG5

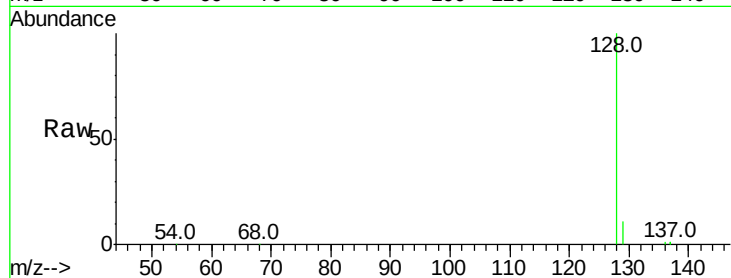
Tot Ion:128 Resp: 43739

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

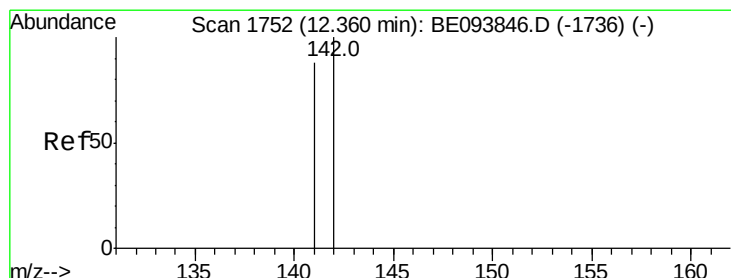
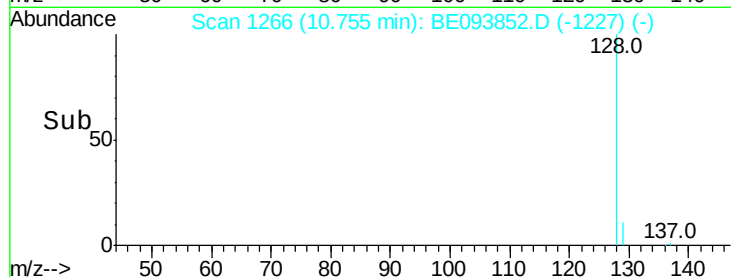
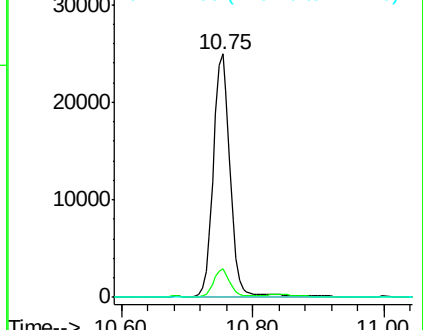
127 0.0 4.0 6.0#



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: 1.587 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093852.D

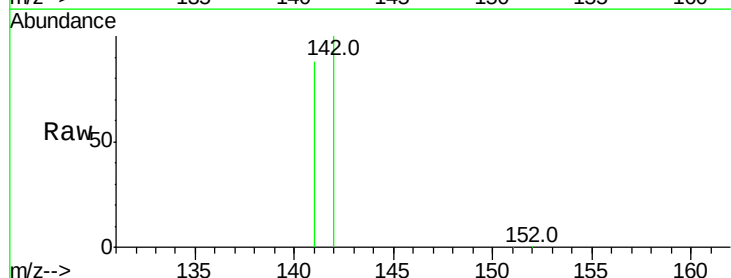
Acq: 16 Aug 2017 22:32

Tgt Ion:142 Resp: 33589

Ion Ratio Lower Upper

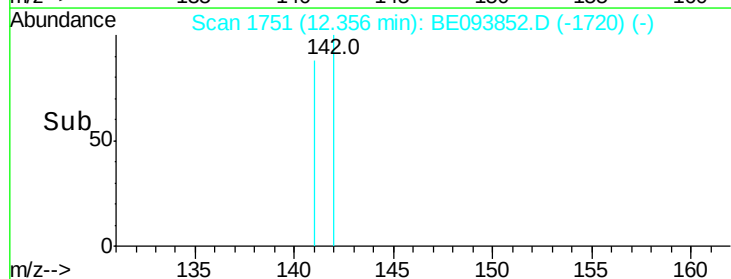
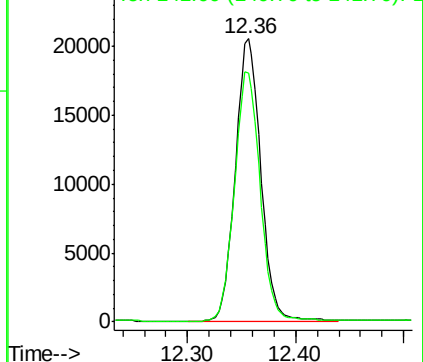
142 100

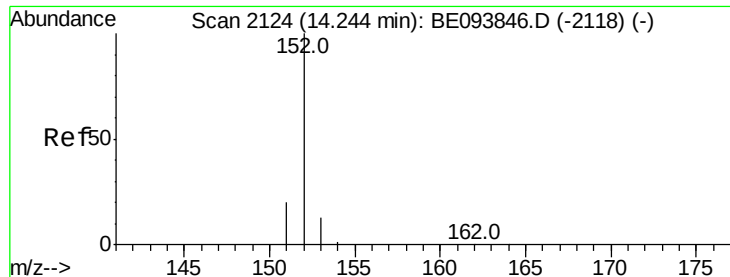
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.666 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

Instrument :

BNA_E

ClientSampleId :

C0AG5

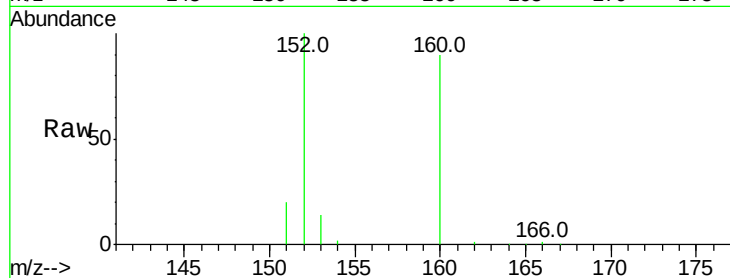
Tot Ion:152 Resp: 51234

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

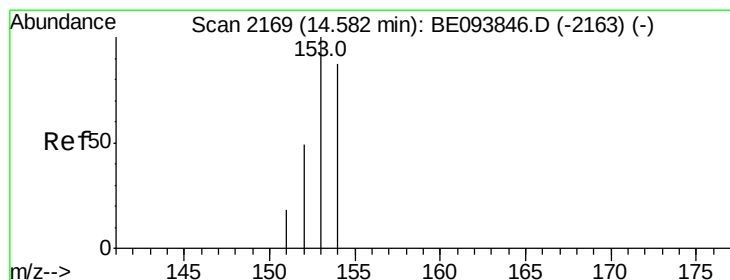
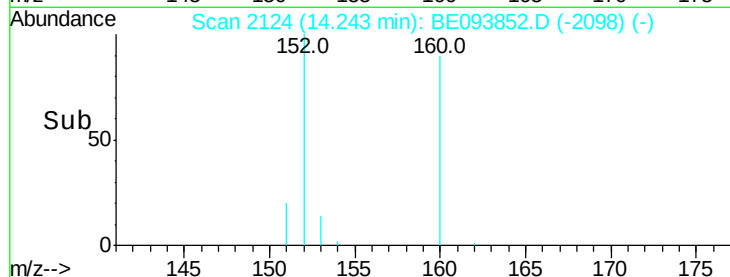
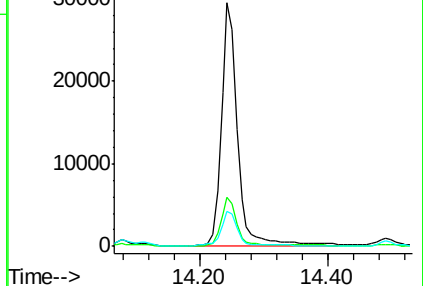
153 14.2 12.8 19.2



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: 0.214 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

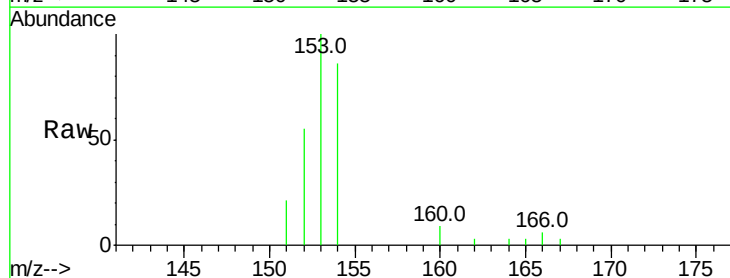
Tgt Ion:153 Resp: 5174

Ion Ratio Lower Upper

153 100

152 54.7 40.3 60.5

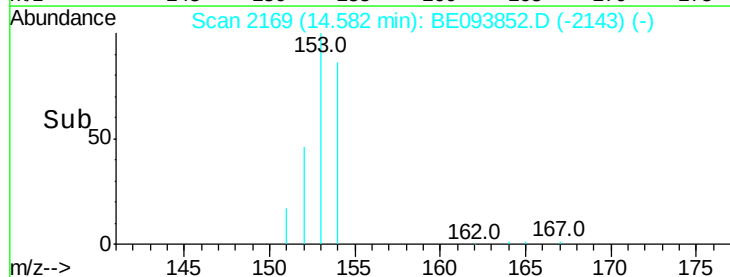
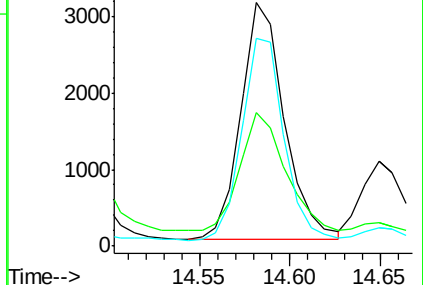
154 85.6 71.4 107.2

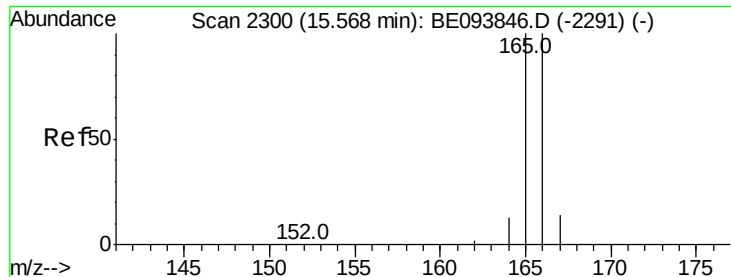


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

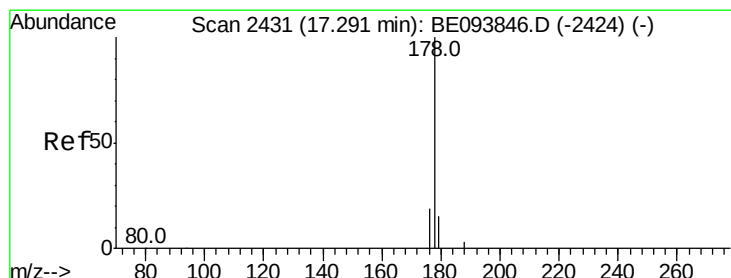
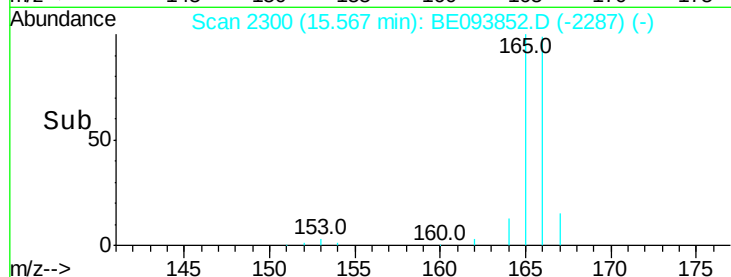
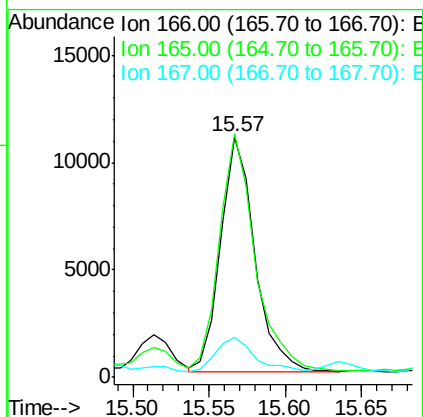
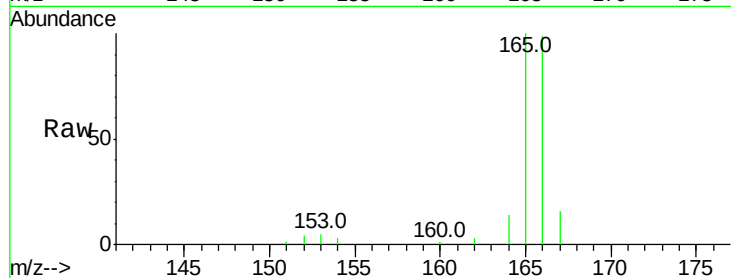




#9
Fluorene
 Concen: 0.552 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BE093852.D
 Acq: 16 Aug 2017 22:32

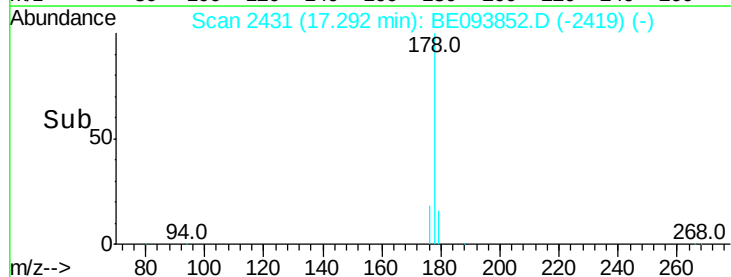
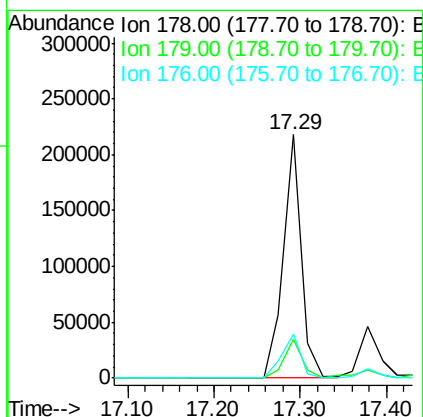
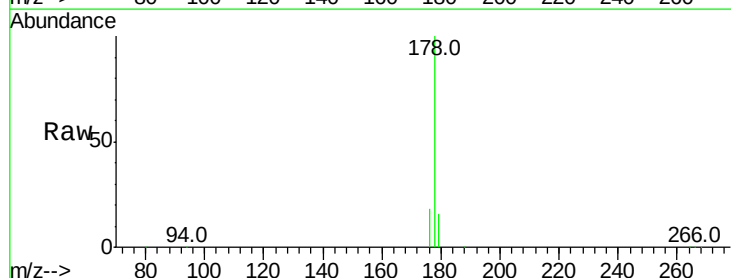
Instrument :
 BNA_E
 ClientSampleId :
 C0AG5

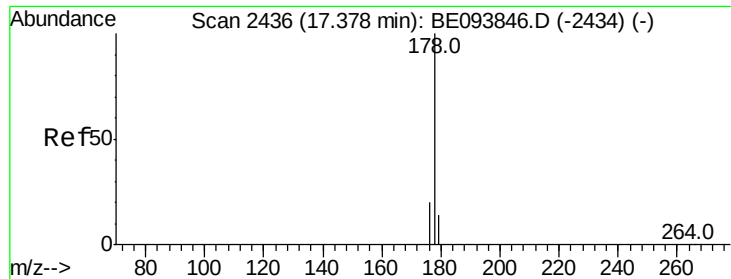
Tot Ion:166 Resp: 16886
 Ion Ratio Lower Upper
 166 100
 165 101.5 73.4 110.2
 167 16.6 14.6 22.0



#12
Phenanthrene
 Concen: 7.761 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093852.D
 Acq: 16 Aug 2017 22:32

Tgt Ion:178 Resp: 322129
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.4 27.6#
 176 18.2 13.6 20.4

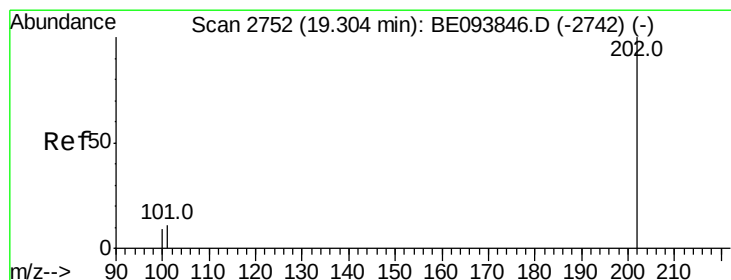
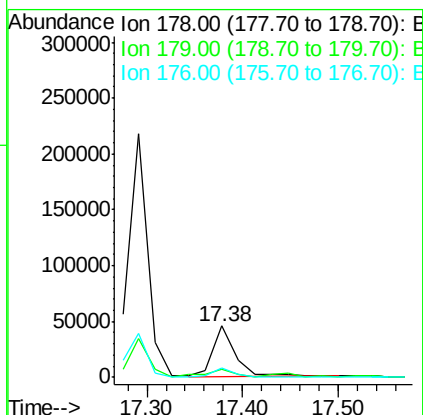
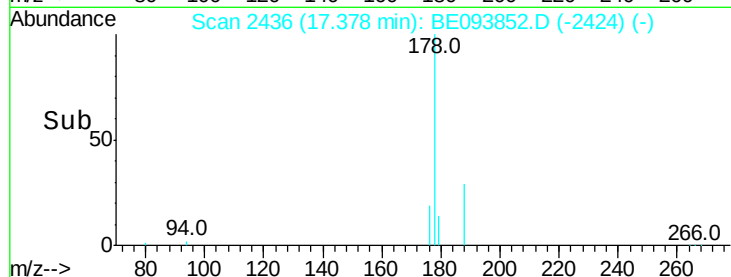
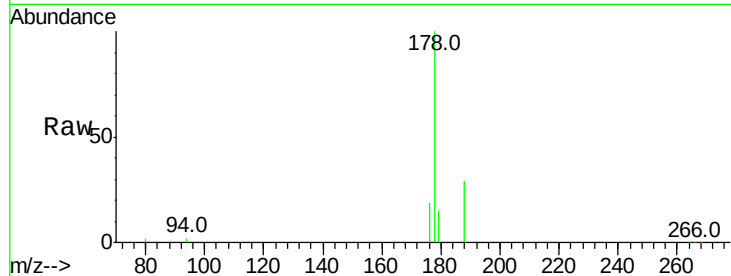




#13
 Anthracene
 Concen: 1.806 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093852.D
 Acq: 16 Aug 2017 22:32

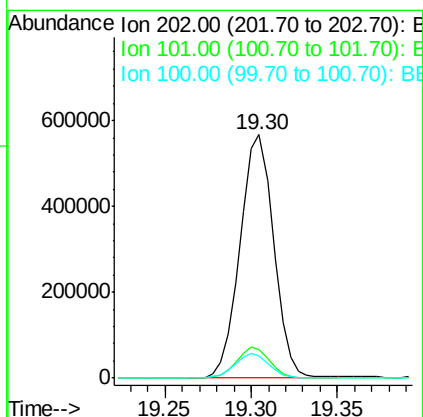
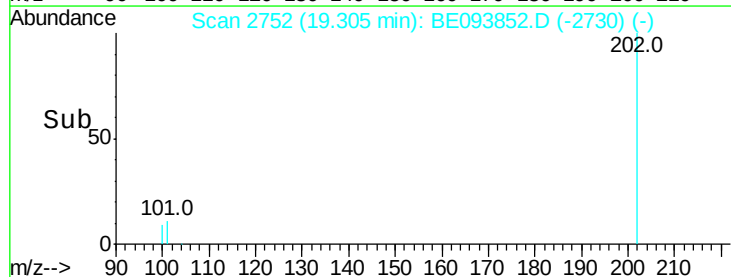
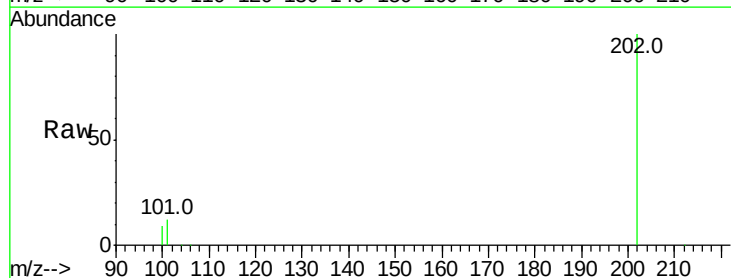
Instrument :
 BNA_E
 ClientSampleId :
 C0AG5

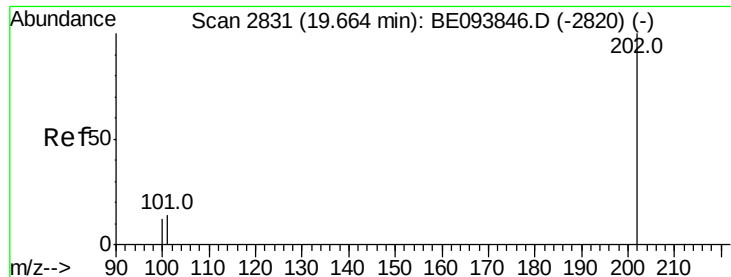
Tot Ion:178 Resp: 73010
 Ion Ratio Lower Upper
 178 100
 179 14.8 18.1 27.1#
 176 19.3 14.7 22.1



#15
 Fluoranthene
 Concen: 14.777 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE093852.D
 Acq: 16 Aug 2017 22:32

Tgt Ion:202 Resp: 766974
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 100 9.2 0.0 39.5





#17

Pvrene

Concen: 13.683 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

Instrument :

BNA_E

ClientSampleId :

C0AG5

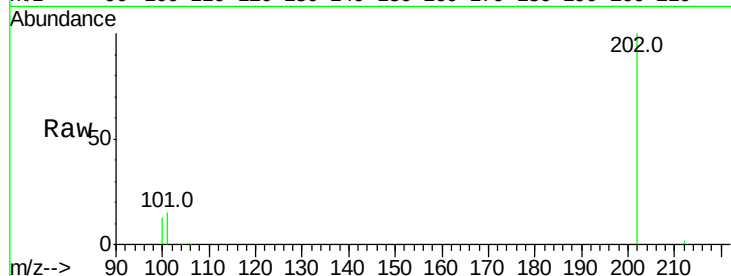
Tot Ion:202 Resp: 664141

Ion Ratio Lower Upper

202 100

101 14.8 18.2 27.4#

100 12.7 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

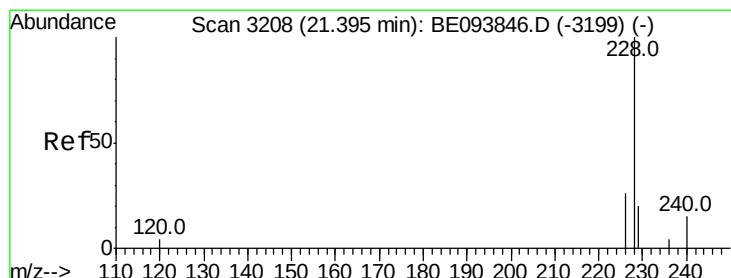
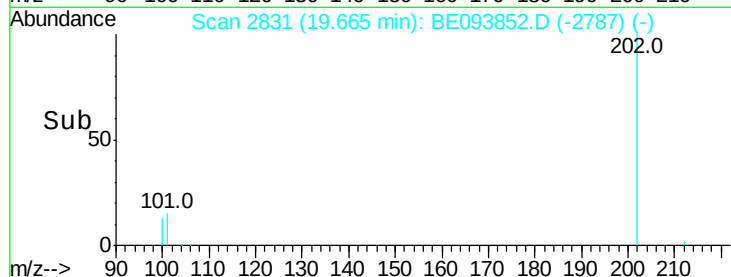
19.66

400000

200000

0

Time--> 19.60 19.65 19.70 19.75



#18

Benzo(a)anthracene

Concen: 8.297 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

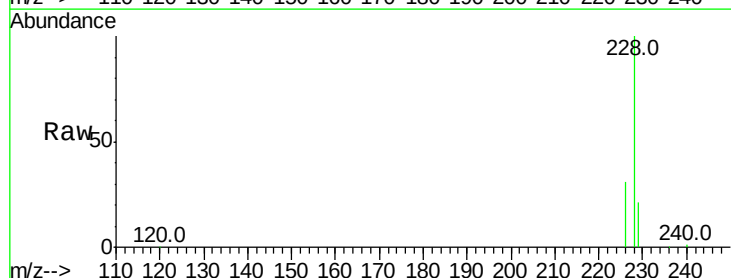
Tgt Ion:228 Resp: 400005

Ion Ratio Lower Upper

228 100

229 21.1 22.8 34.2#

226 31.4 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

21.39

400000

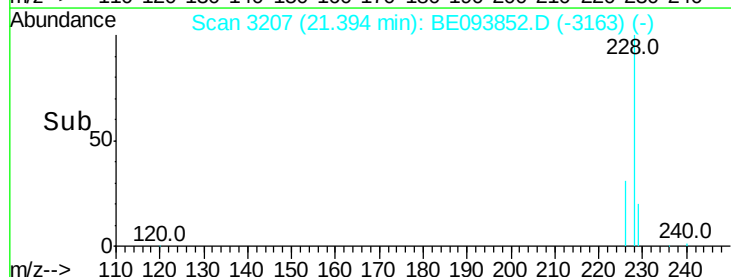
300000

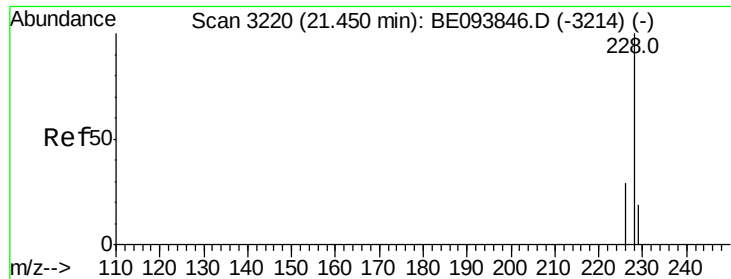
200000

100000

0

Time--> 21.35 21.40





#19

Chrysene

Concen: 8.248 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

Instrument :

BNA_E

ClientSampleId :

C0AG5

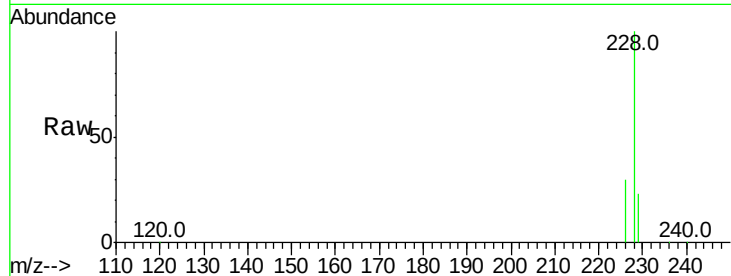
Tot Ion:228 Resp: 381418

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

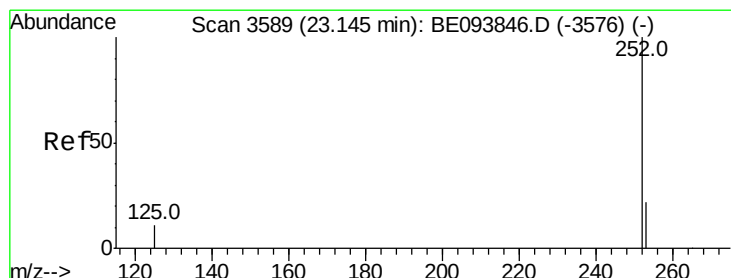
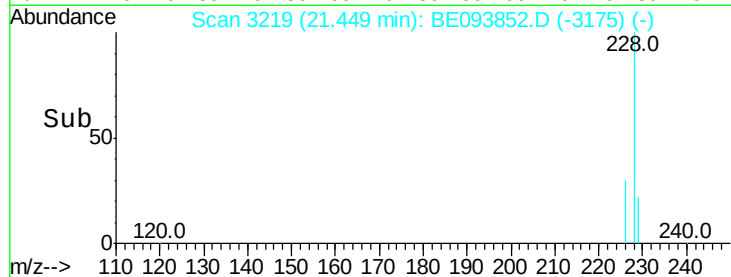
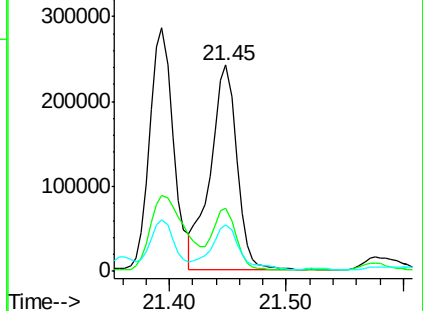
229 22.7 17.7 26.5



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: 0.203 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

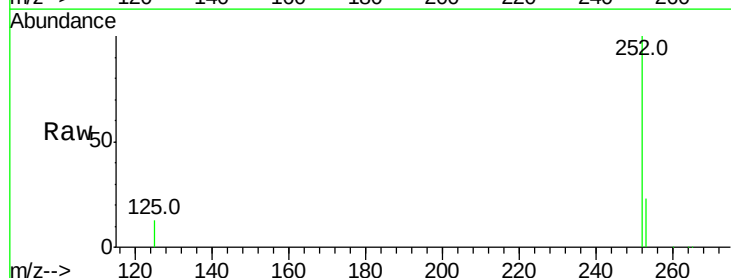
Tgt Ion:252 Resp: 497391

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

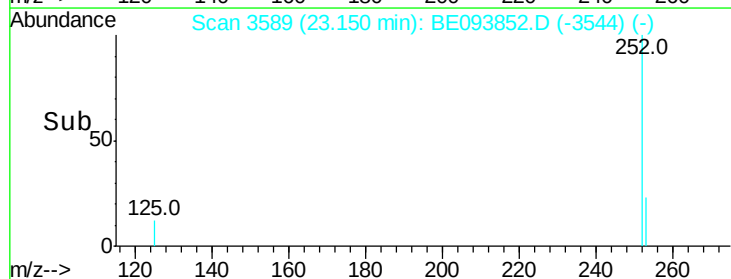
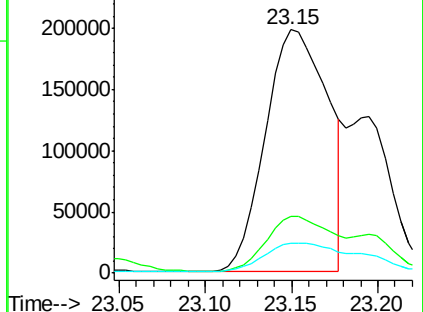
125 12.5 0.0 35.0

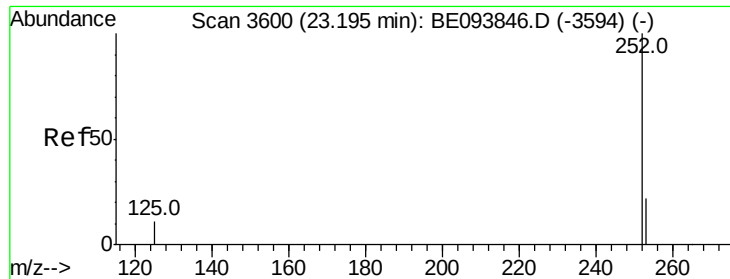


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.206 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

Instrument :

BNA_E

ClientSampleId :

C0AG5

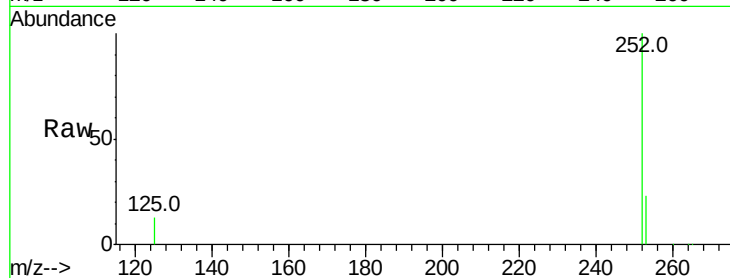
Tot Ion:252 Resp: 497391

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

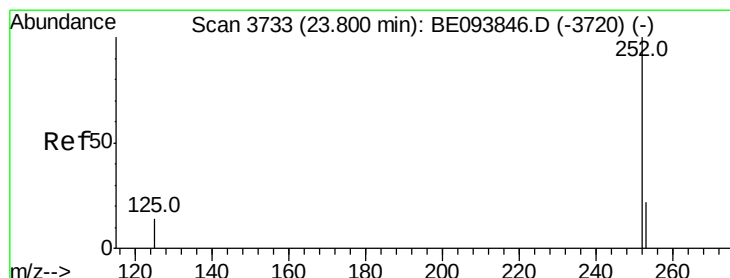
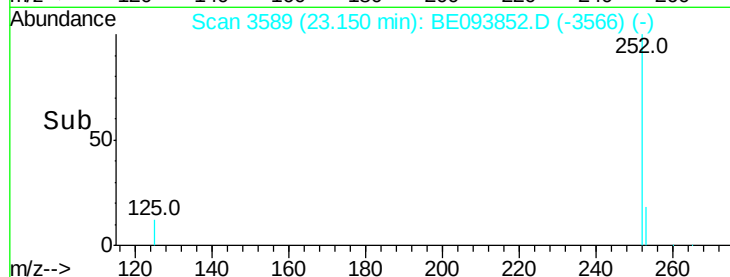
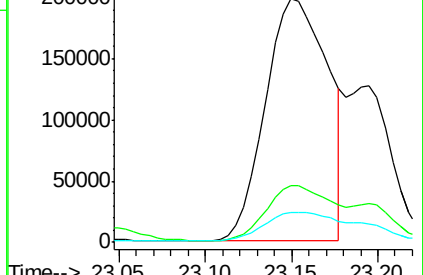
125 12.5 13.7 20.5#



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: 0.102 ng/ul

RT: 23.70 min Scan# 3709

Delta R.T. -0.10 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

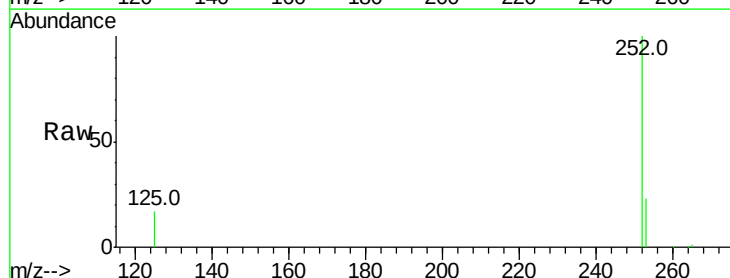
Tgt Ion:252 Resp: 237370

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

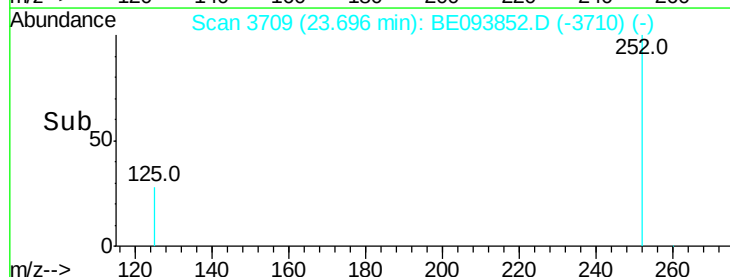
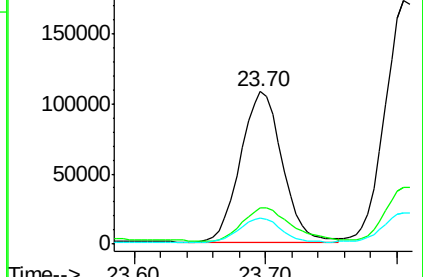
125 17.2 18.1 27.1#

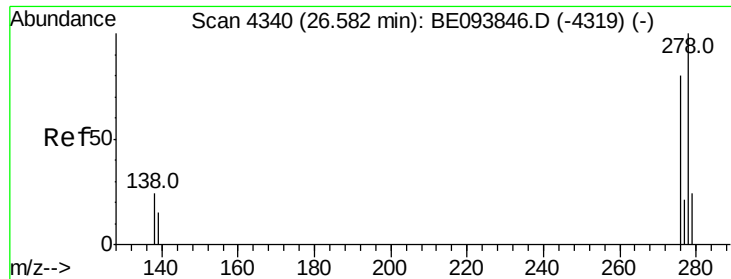


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.022 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

Instrument :

BNA_E

ClientSampleId :

C0AG5

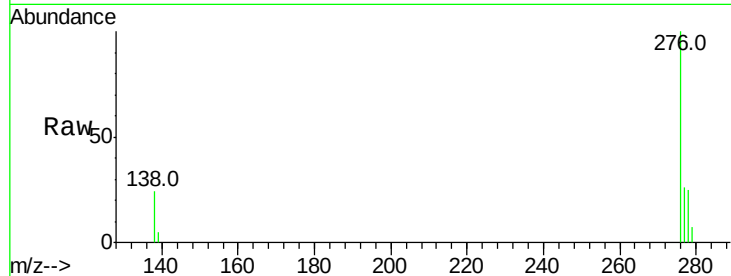
Tot Ion:278 Resp: 47977

Ion Ratio Lower Upper

278 100

139 20.9 17.4 26.0

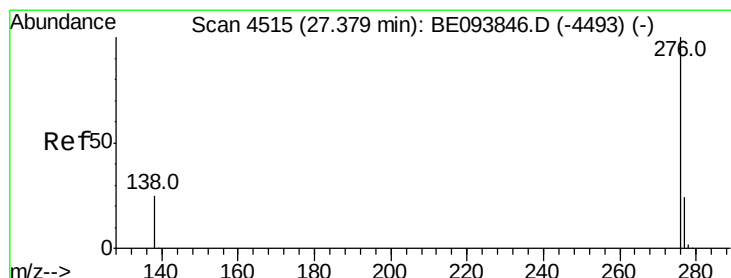
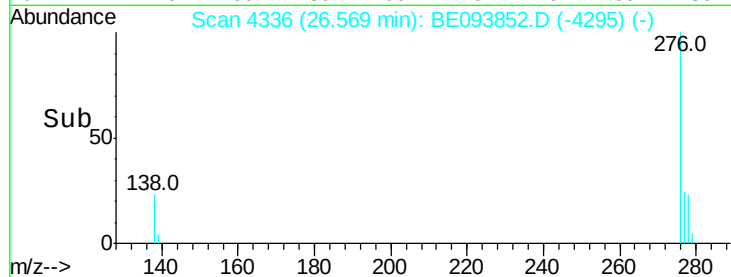
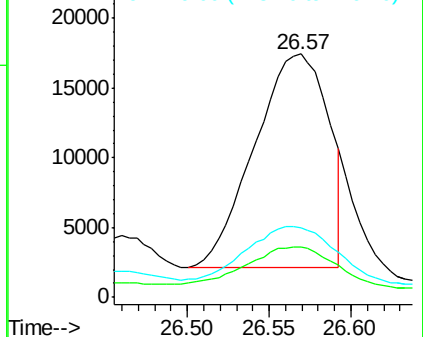
279 28.6 25.9 38.9



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: 0.049 ng/ul

RT: 27.38 min Scan# 4513

Delta R.T. -0.00 min

Lab File: BE093852.D

Acq: 16 Aug 2017 22:32

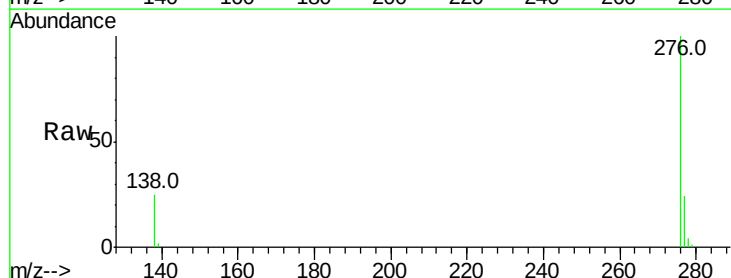
Tgt Ion:276 Resp: 106704

Ion Ratio Lower Upper

276 100

138 25.1 21.8 32.8

277 24.3 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

