

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093849.D
 Acq On : 16 Aug 2017 20:39
 Operator : SJ/JU
 Sample : I4672-17DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG1DL

Quant Time: Aug 17 03:06:30 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

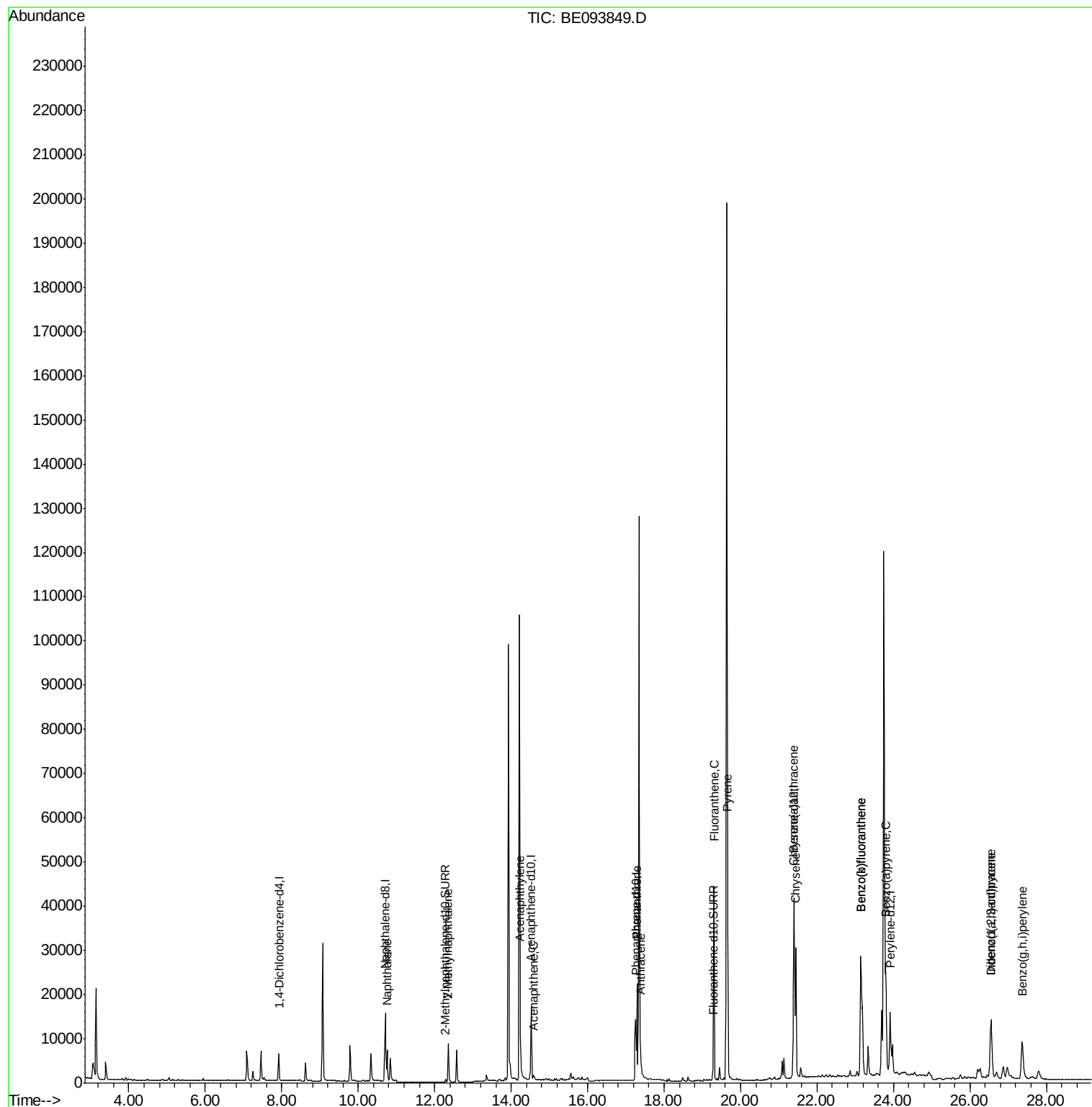
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17045	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9747	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21238	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23601	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	22881	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	958	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2308	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	10958	0.264	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7815	0.258	ng/ul	98
7) Acenaphthylene	14.24	152	6336	0.155	ng/ul	99
8) Acenaphthene	14.58	153	677	0.021	ng/ul	91
12) Phenanthrene	17.29	178	24185	0.418	ng/ul#	91
13) Anthracene	17.38	178	6258	0.111	ng/ul#	93
15) Fluoranthene	19.30	202	51728	0.715	ng/ul	84
17) Pyrene	19.66	202	49610	0.720	ng/ul#	80
18) Benzo(a)anthracene	21.39	228	33609	0.491	ng/ul#	85
19) Chrysene	21.44	228	33057	0.504	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	71343	1.008	ng/ul	87
22) Benzo(k)fluoranthene	23.14	252	71343	1.022	ng/ul#	89
23) Benzo(a)pyrene	23.80	252	35684	0.530	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	25741	0.346	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	6155	0.099	ng/ul#	95
26) Benzo(a,h,i)perylene	27.37	276	21476	0.343	ng/ul	99

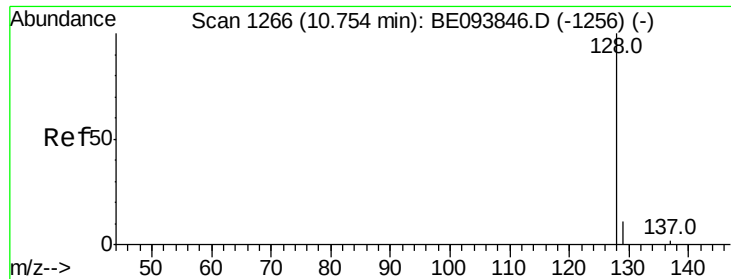
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.264 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

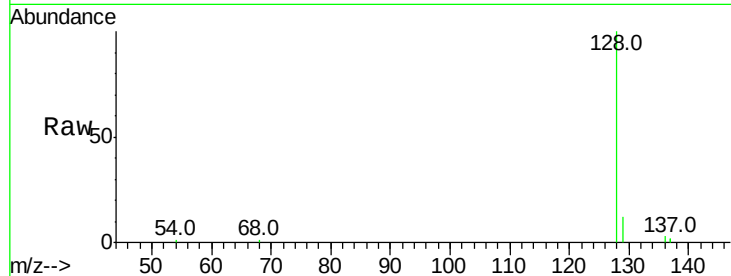
Tot Ion:128 Resp: 10958

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

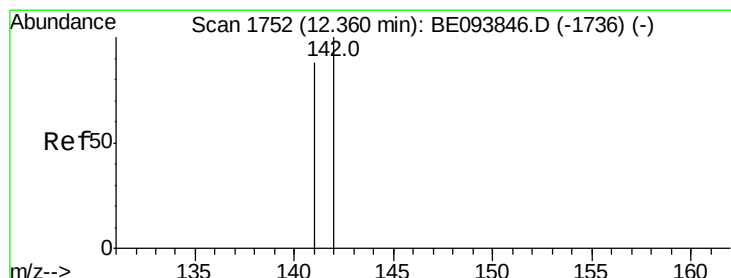
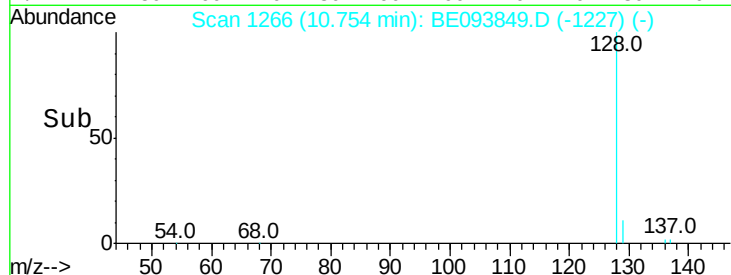
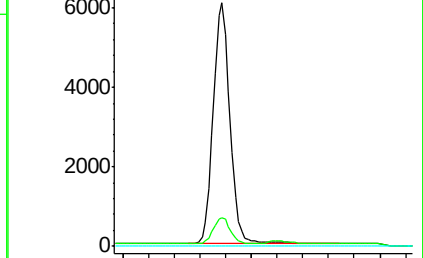
127 0.0 4.0 6.0#



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: 0.258 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093849.D

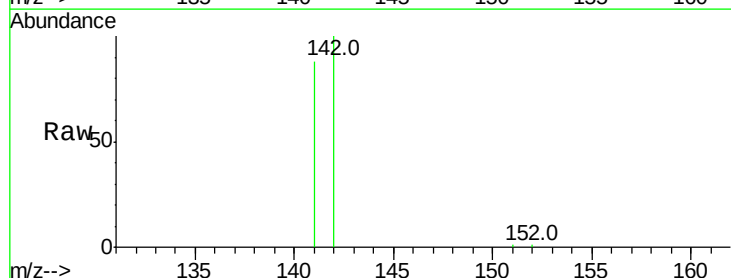
Acq: 16 Aug 2017 20:39

Tgt Ion:142 Resp: 7815

Ion Ratio Lower Upper

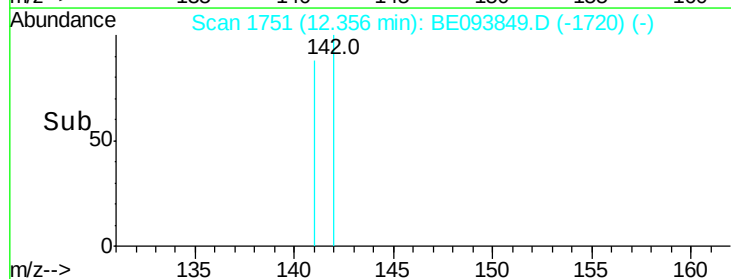
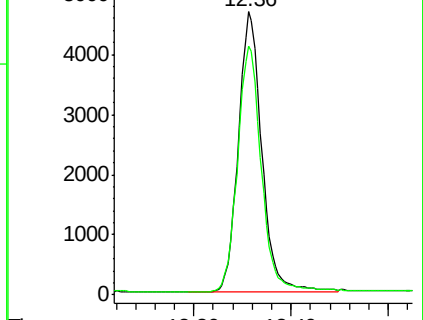
142 100

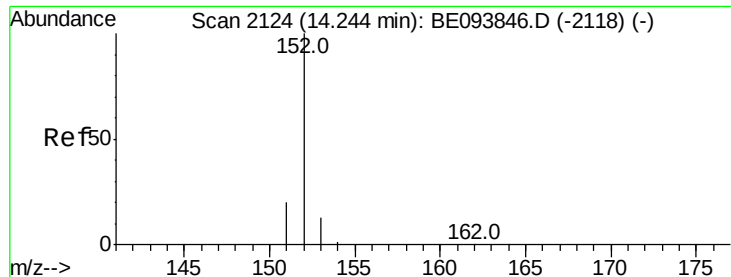
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

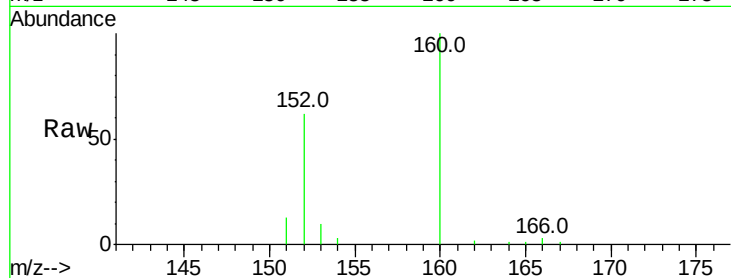
Tot Ion:152 Resp: 6336

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

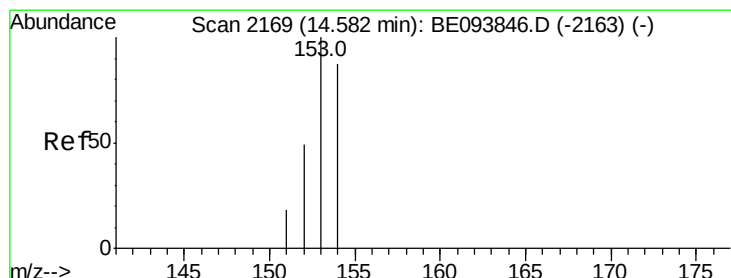
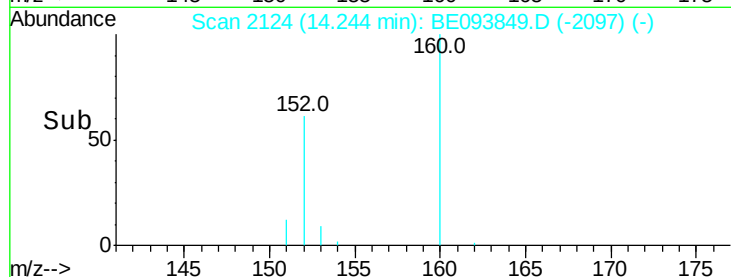
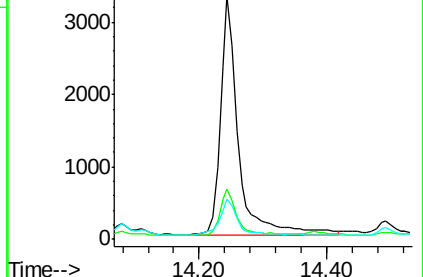
153 16.7 12.8 19.2



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: 0.021 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

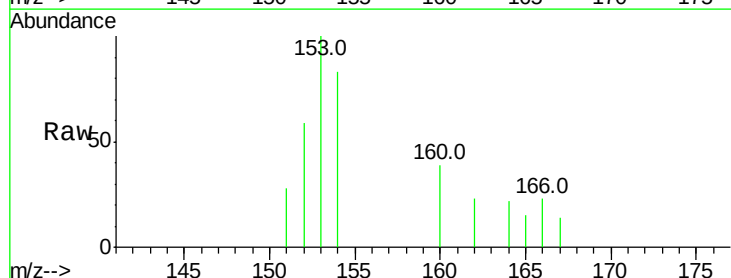
Tgt Ion:153 Resp: 677

Ion Ratio Lower Upper

153 100

152 59.3 40.3 60.5

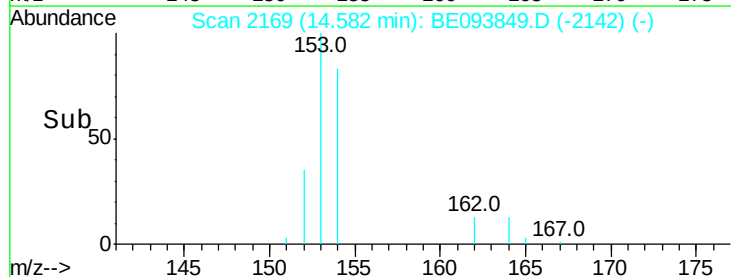
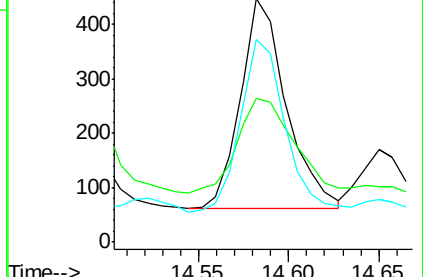
154 83.2 71.4 107.2

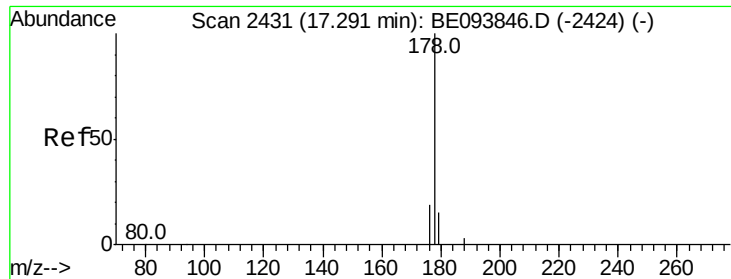


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Phenanthrene

Concen: 0.418 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

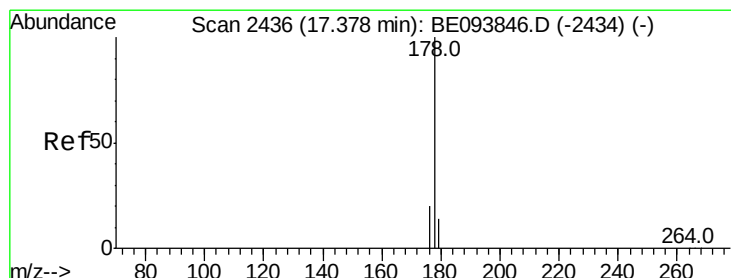
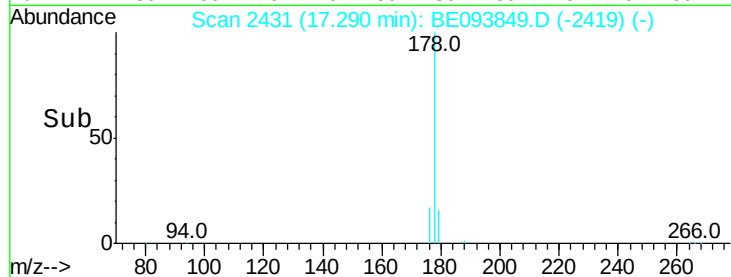
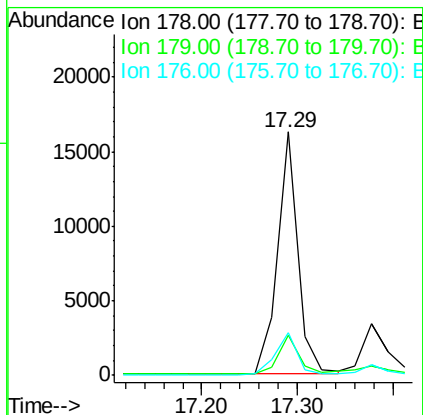
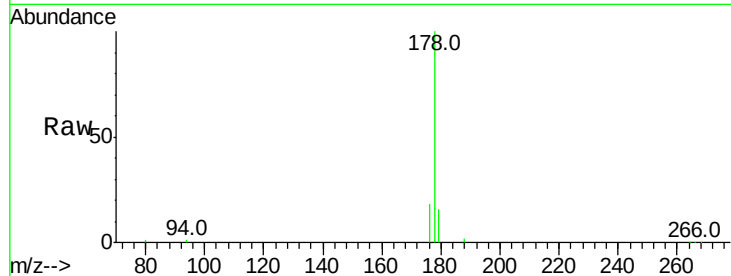
Tot Ion:178 Resp: 24185

Ion Ratio Lower Upper

178 100

179 16.4 18.4 27.6#

176 17.7 13.6 20.4



#13

Anthracene

Concen: 0.111 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

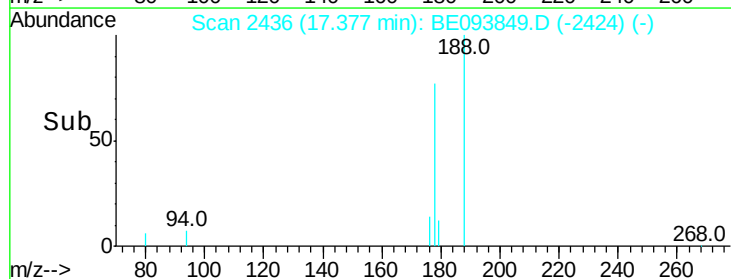
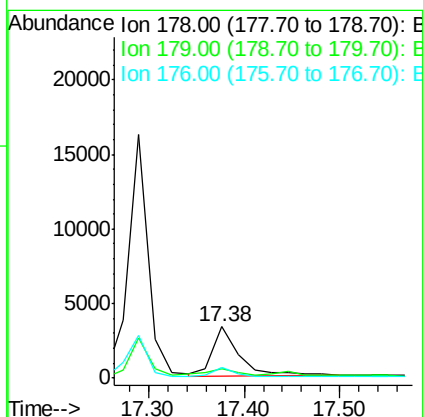
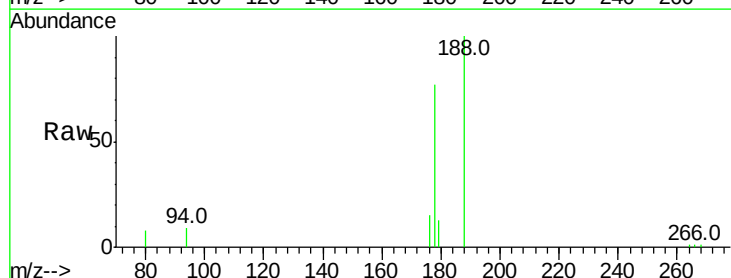
Tgt Ion:178 Resp: 6258

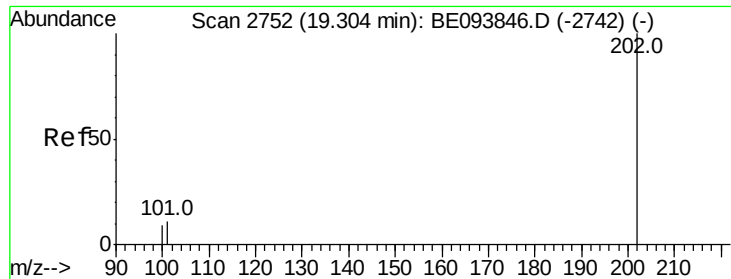
Ion Ratio Lower Upper

178 100

179 17.4 18.1 27.1#

176 19.8 14.7 22.1

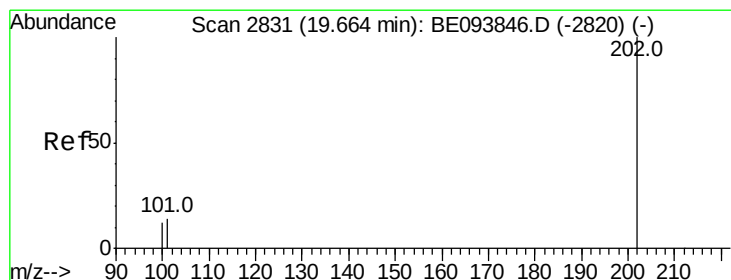
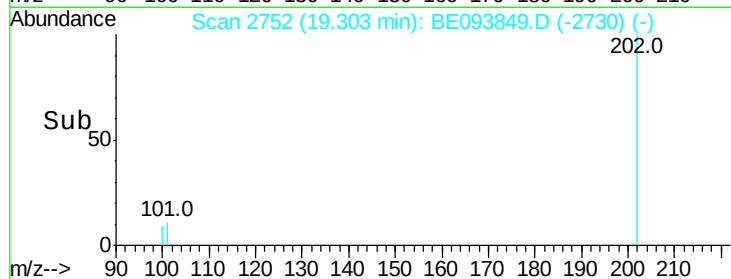
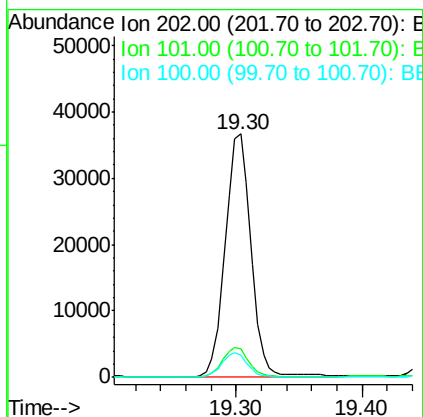
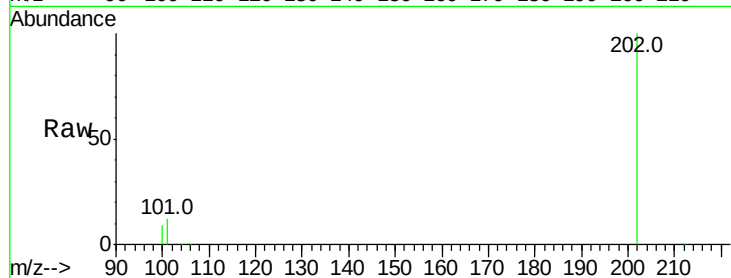




#15
Fluoranthene
Concen: 0.715 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

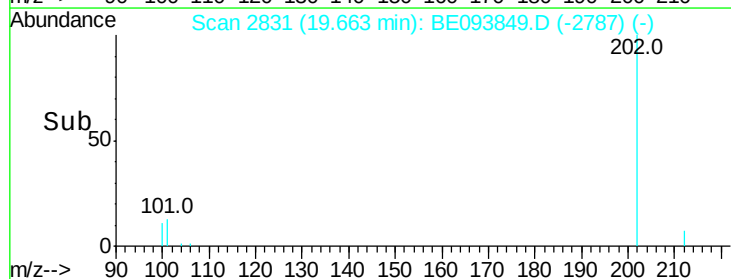
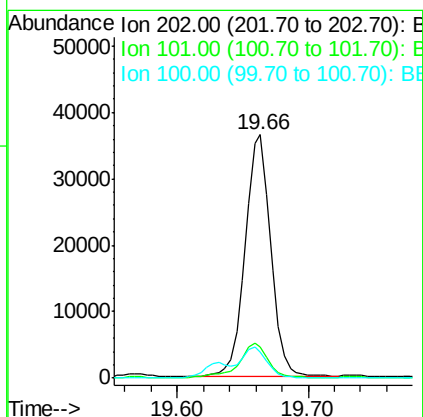
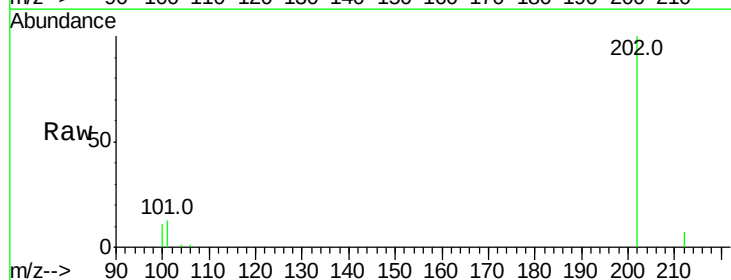
Instrument :
BNA_E
ClientSampleId :
C0AG1DL

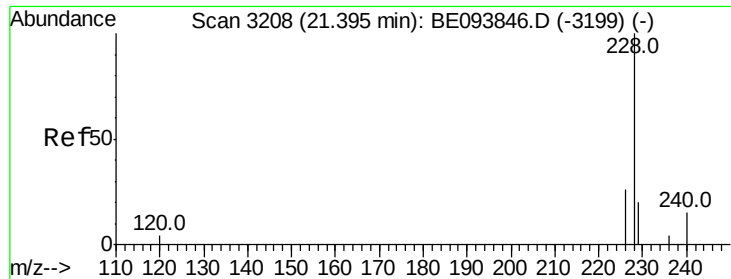
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.1	0.0	39.5



#17
Pyrene
Concen: 0.720 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.9	15.6	23.4#

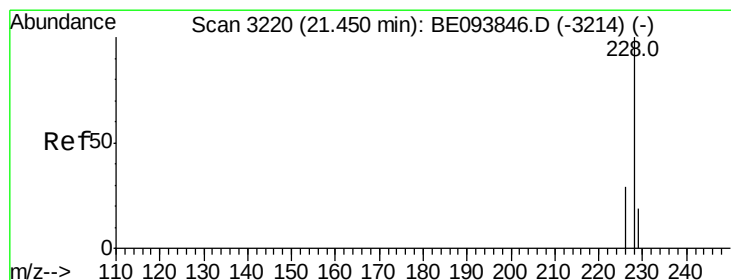
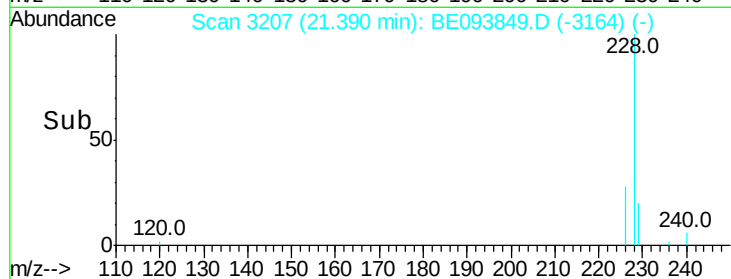
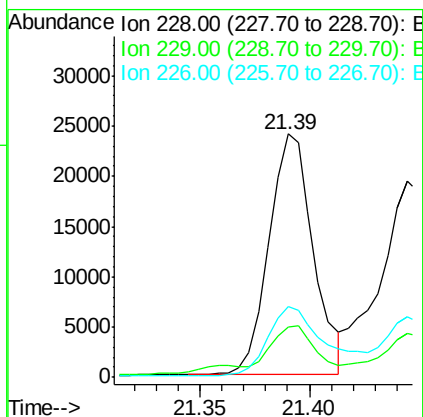
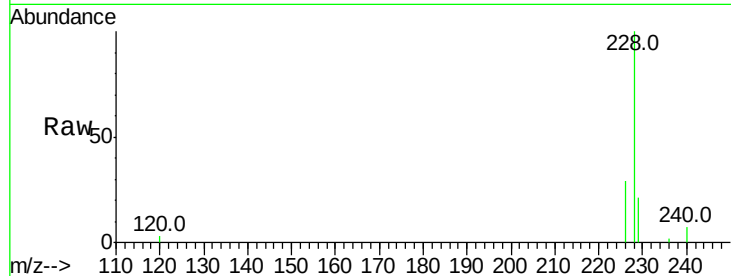




#18
Benzo(a)anthracene
Concen: 0.491 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

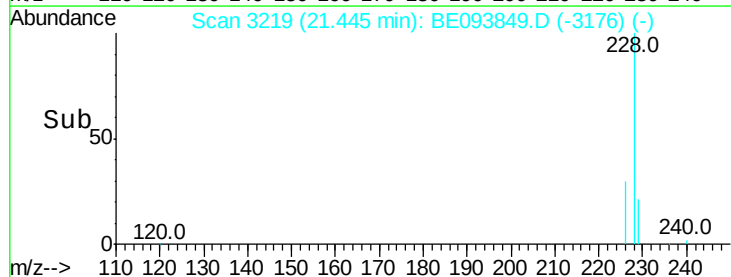
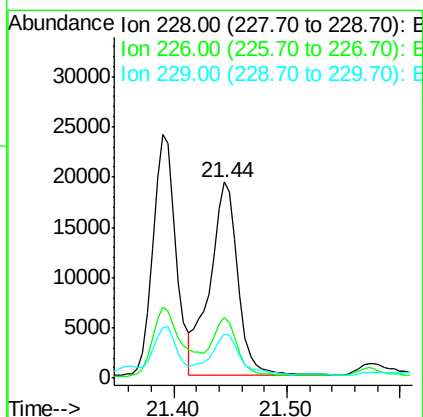
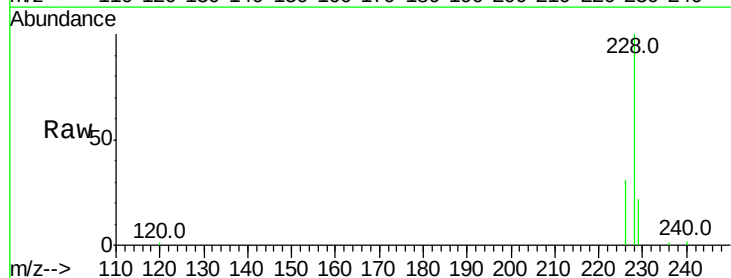
Instrument :
BNA_E
ClientSampleId :
C0AG1DL

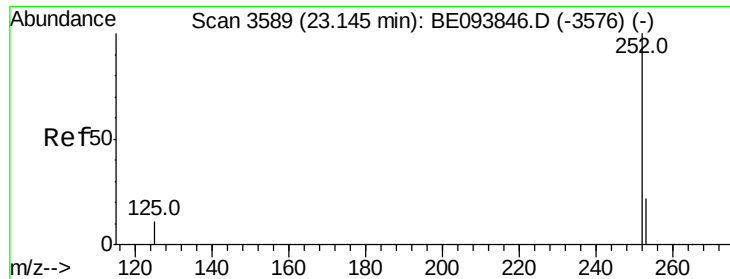
Tot Ion:228 Resp: 33609
Ion Ratio Lower Upper
228 100
229 20.9 22.8 34.2#
226 29.1 17.0 25.6#



#19
Chrysene
Concen: 0.504 ng/ul
RT: 21.44 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Tgt Ion:228 Resp: 33057
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.008 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

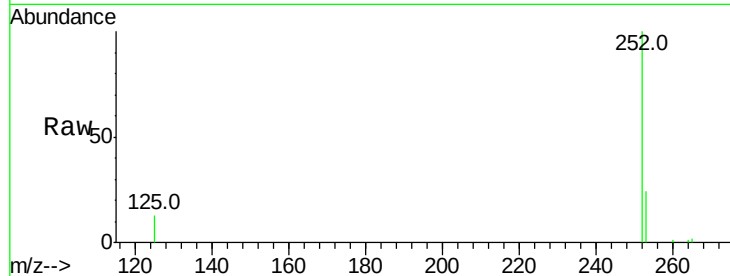
Tot Ion:252 Resp: 71343

Ion Ratio Lower Upper

252 100

253 23.6 0.0 64.2

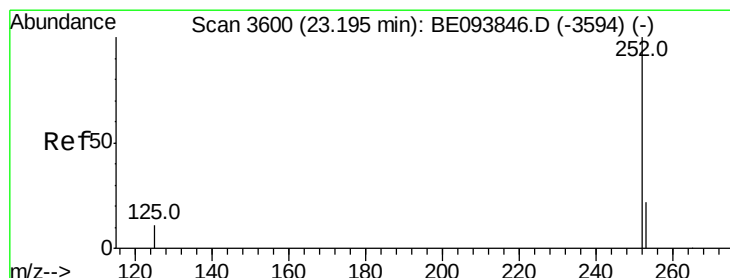
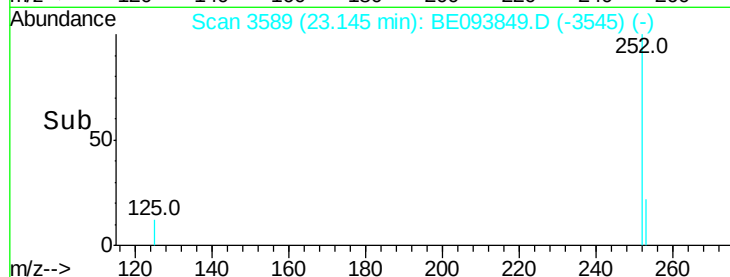
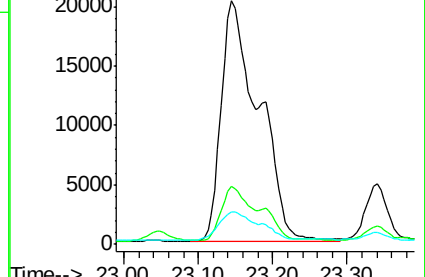
125 13.4 0.0 35.0



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: 1.022 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

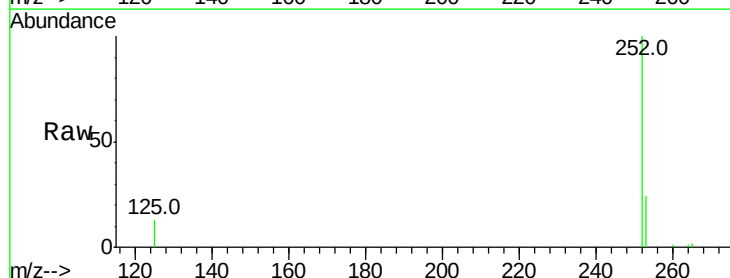
Tgt Ion:252 Resp: 71343

Ion Ratio Lower Upper

252 100

253 23.6 24.5 36.7#

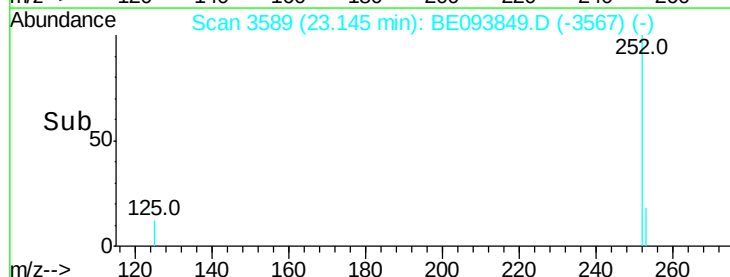
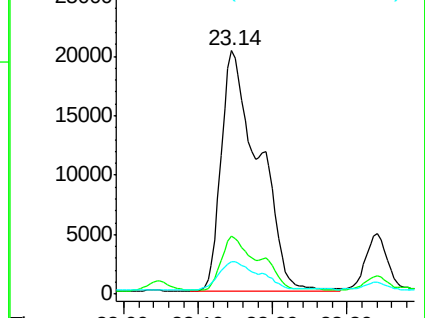
125 13.4 13.7 20.5#

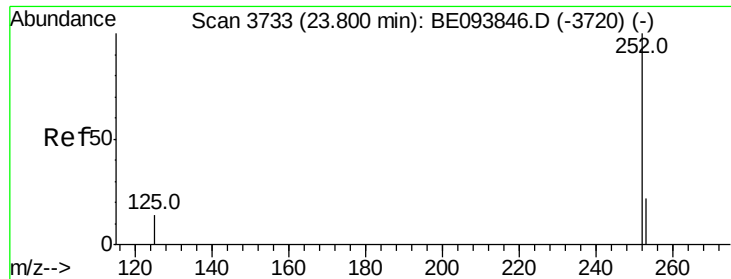


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.530 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

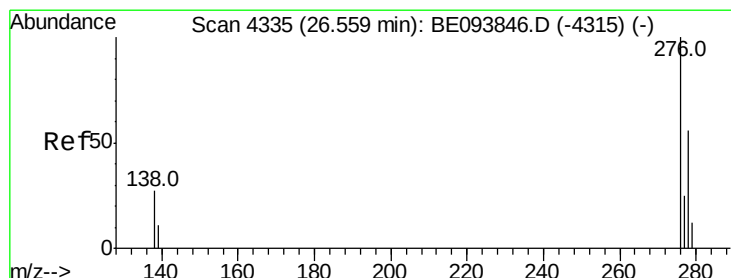
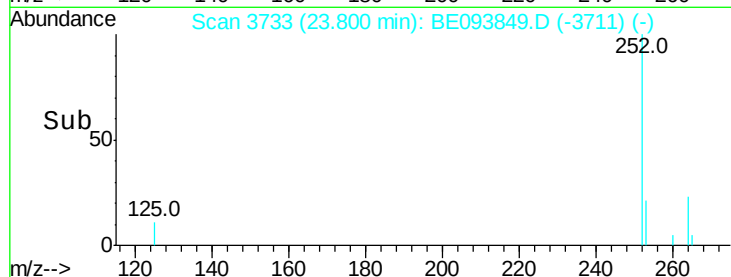
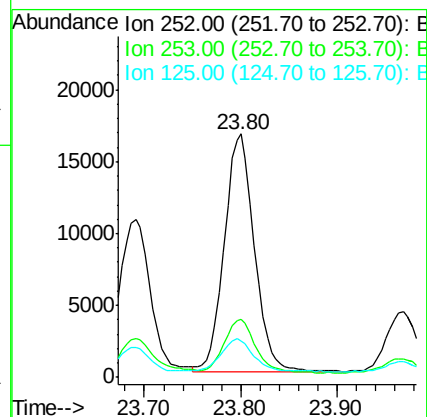
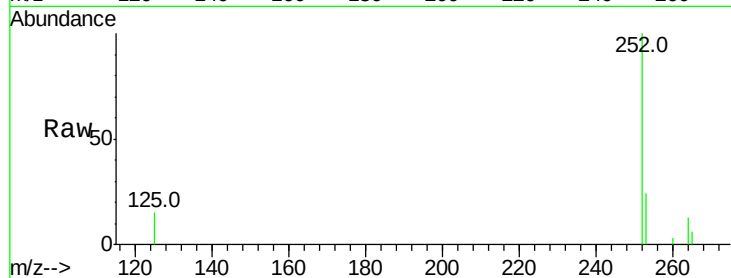
Tot Ion:252 Resp: 35684

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

125 15.0 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.346 ng/ul

RT: 26.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

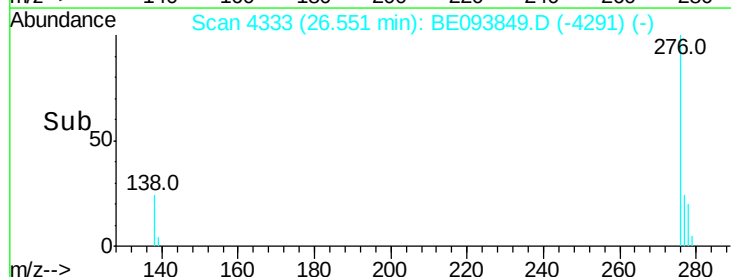
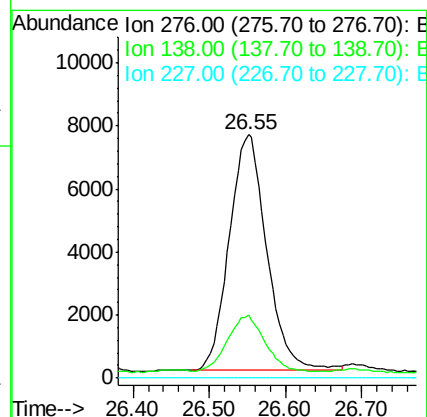
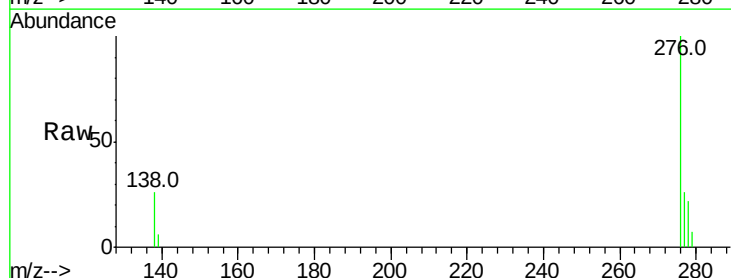
Tgt Ion:276 Resp: 25741

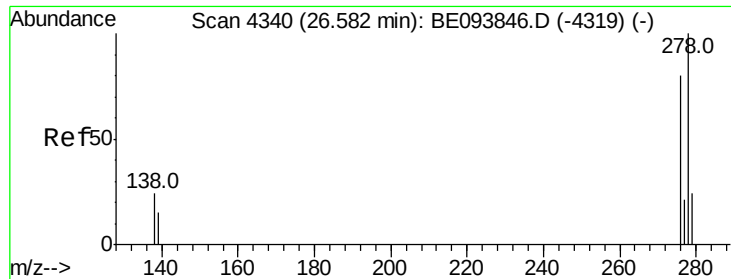
Ion Ratio Lower Upper

276 100

138 24.3 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.099 ng/ul

RT: 26.56 min Scan# 4335

Delta R.T. -0.02 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

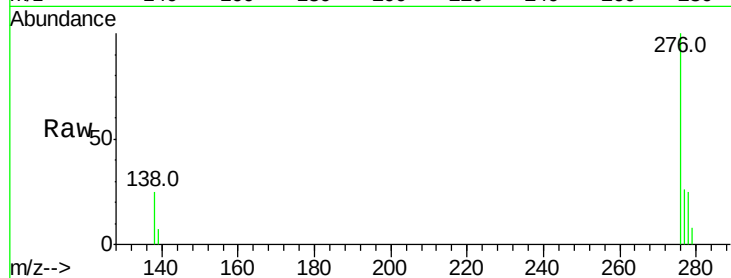
Tot Ion:278 Resp: 6155

Ion Ratio Lower Upper

278 100

139 27.2 17.4 26.0#

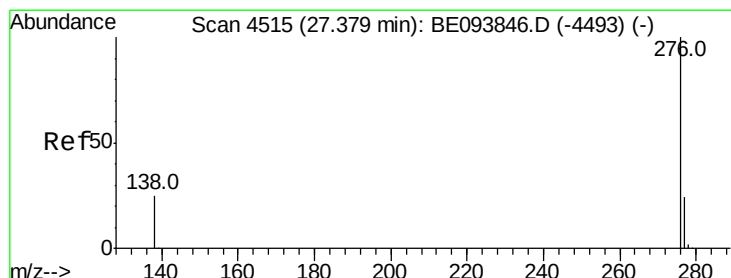
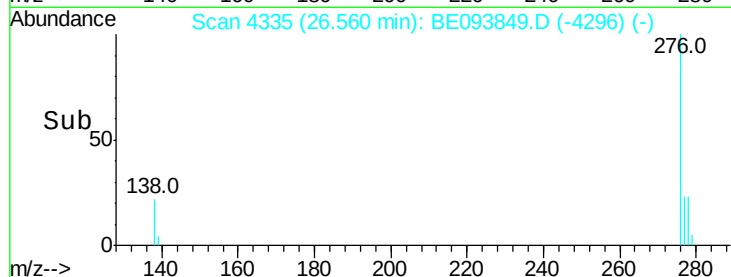
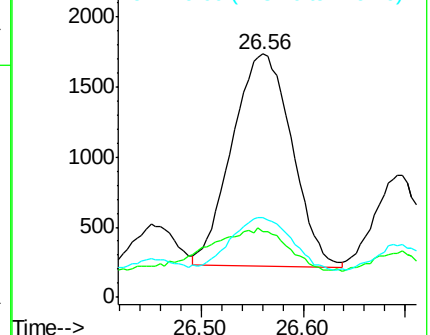
279 32.5 25.9 38.9



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: 0.343 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. -0.01 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

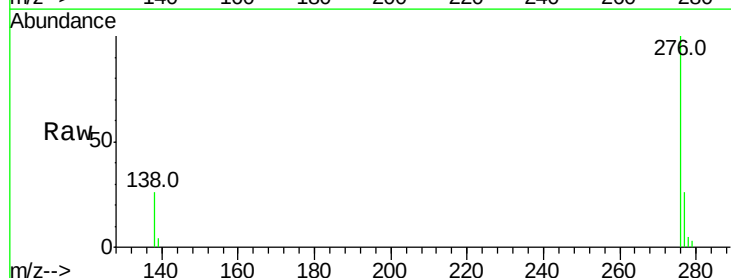
Tgt Ion:276 Resp: 21476

Ion Ratio Lower Upper

276 100

138 26.4 21.8 32.8

277 25.8 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

