

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093818.D
 Acq On : 15 Aug 2017 21:37
 Operator : SJ/JU
 Sample : I4672-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH7

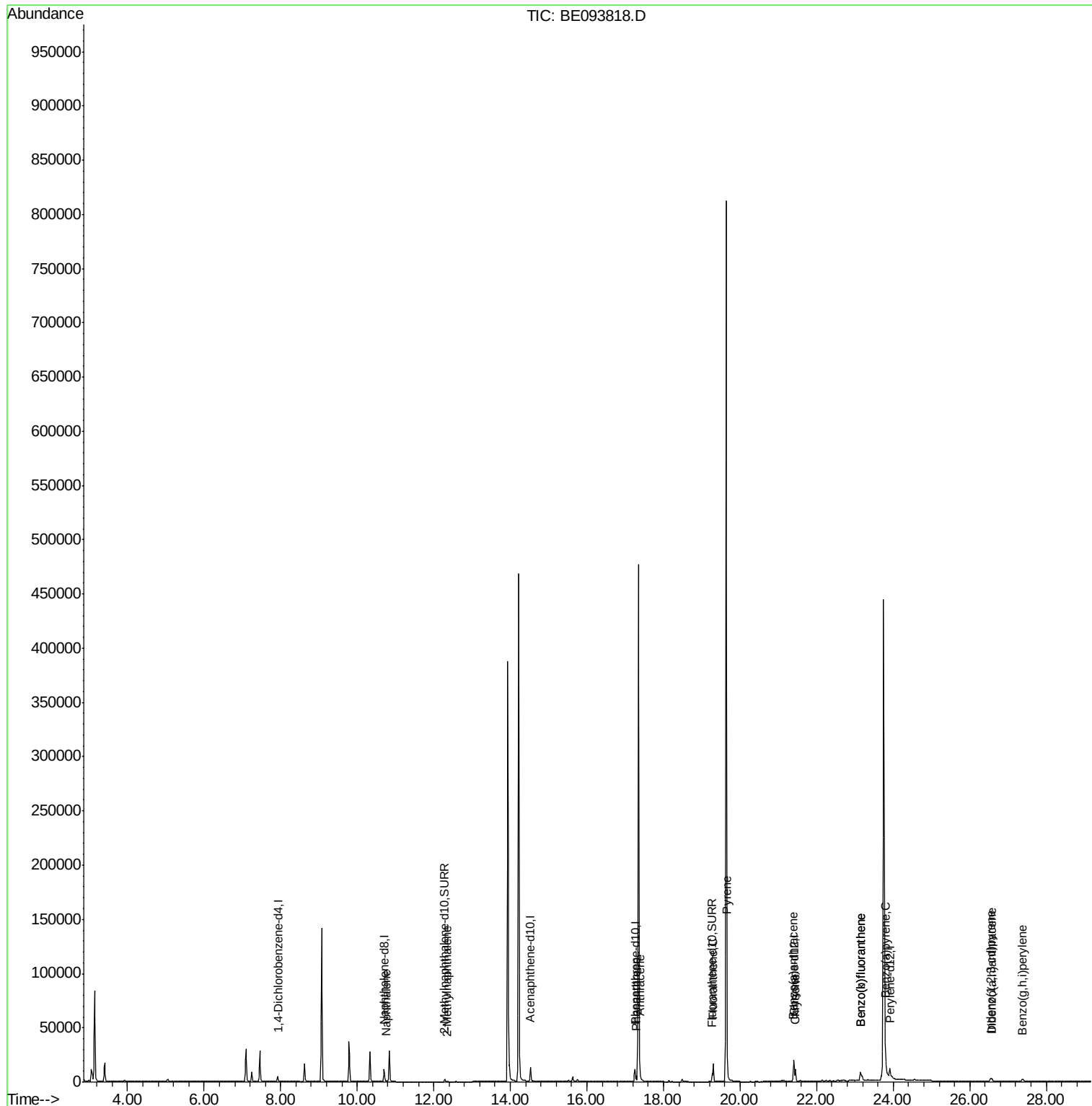
Quant Time: Aug 16 07:37:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

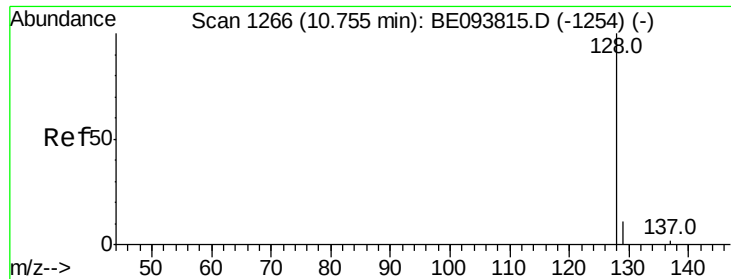
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2338	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12575	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16077	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16626	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21825	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3954	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9456	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	1237	0.040	ng/ul#	89
5) 2-Methylnaphthalene	12.36	142	713	0.032	ng/ul	99
12) Phenanthrene	17.29	178	5625	0.128	ng/ul#	91
13) Anthracene	17.38	178	2116	0.050	ng/ul#	94
15) Fluoranthene	19.30	202	18905	0.345	ng/ul	84
17) Pyrene	19.66	202	19248	0.397	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	10720	0.222	ng/ul#	87
19) Chrysene	21.44	228	12208	0.264	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	20854	0.309	ng/ul	91
22) Benzo(k)fluoranthene	23.14	252	20854	0.313	ng/ul	93
23) Benzo(a)pyrene	23.80	252	11110	0.173	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.56	276	6476	0.091	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.58	278	1846	0.031	ng/ul#	72
26) Benzo(g,h,i)perylene	27.38	276	5760	0.096	ng/ul	98

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

```
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ALS Vial  : 17      Sample Multiplier: 1
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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

Instrument :

BNA_E

ClientSampleId :

C0AH7

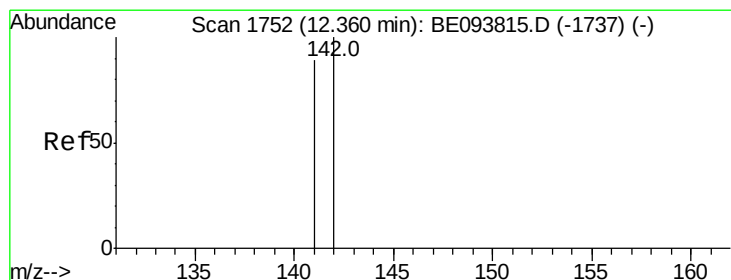
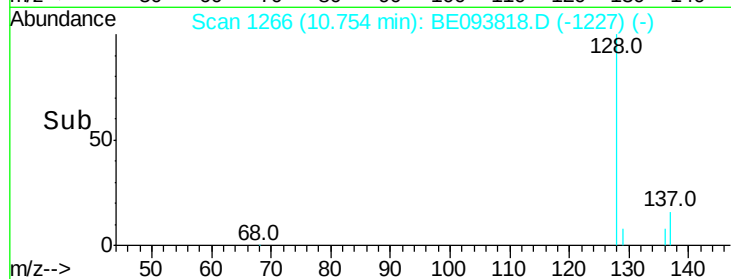
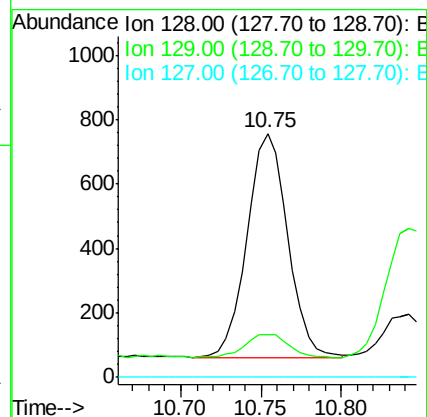
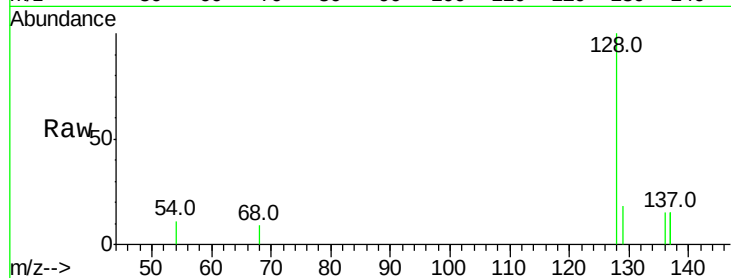
Tot Ion:128 Resp: 1237

Ion Ratio Lower Upper

128 100

129 17.7 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093818.D

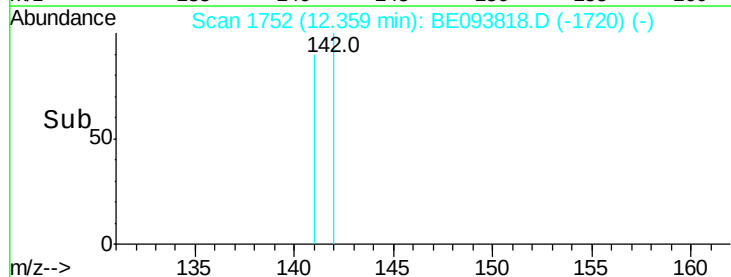
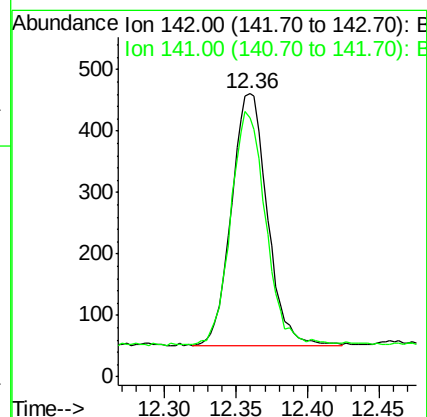
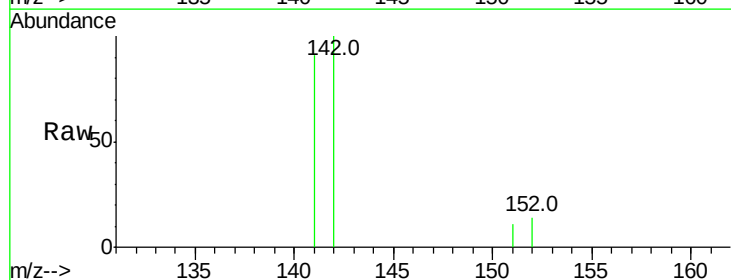
Acq: 15 Aug 2017 21:37

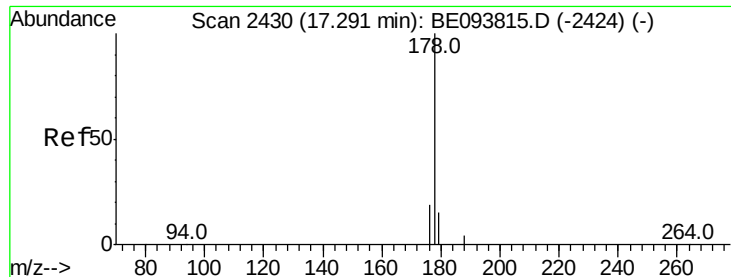
Tgt Ion:142 Resp: 713

Ion Ratio Lower Upper

142 100

141 89.9 72.6 108.8





#12

Phenanthrene

Concen: 0.128 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

Instrument :

BNA_E

ClientSampleId :

C0AH7

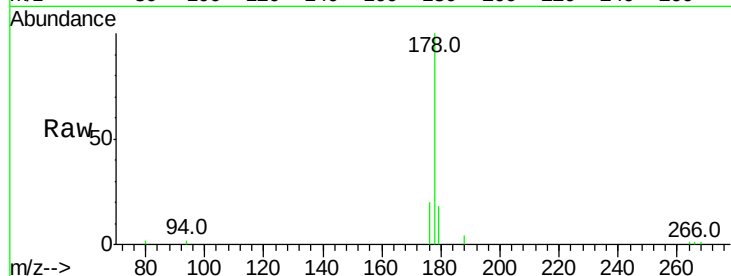
Tot Ion:178 Resp: 5625

Ion Ratio Lower Upper

178 100

179 17.6 18.4 27.6#

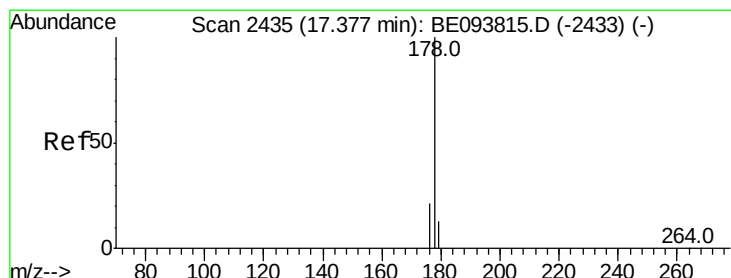
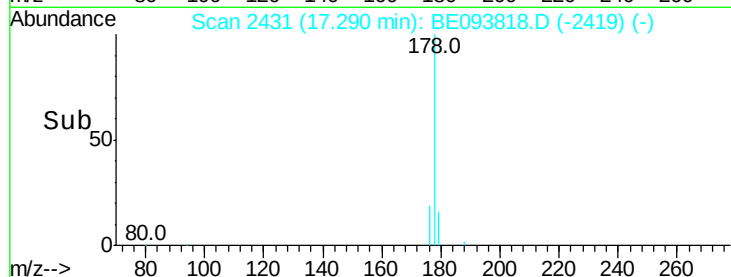
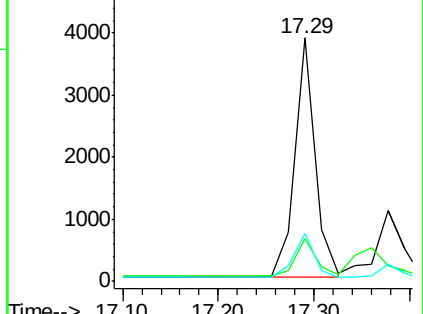
176 19.8 13.6 20.4



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: 0.050 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

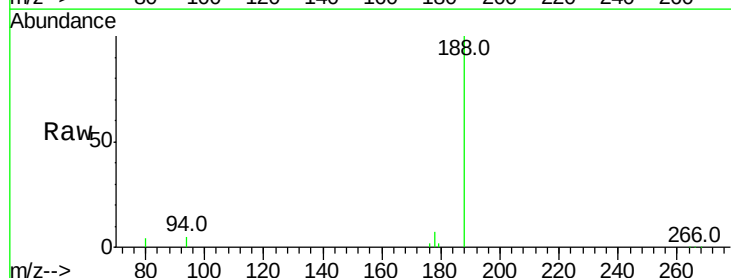
Tgt Ion:178 Resp: 2116

Ion Ratio Lower Upper

178 100

179 23.0 18.1 27.1

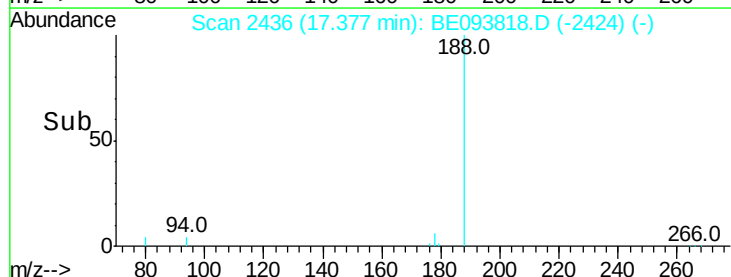
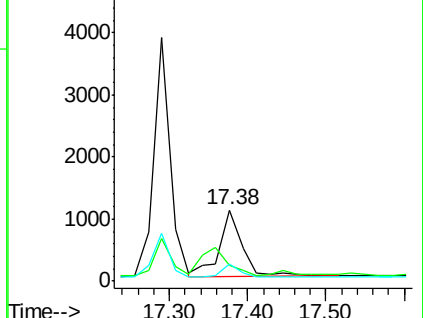
176 23.7 14.7 22.1#

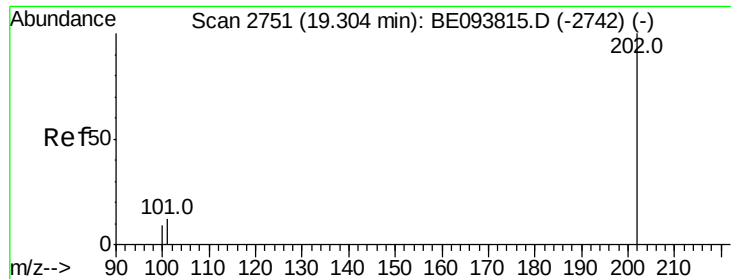


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.345 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

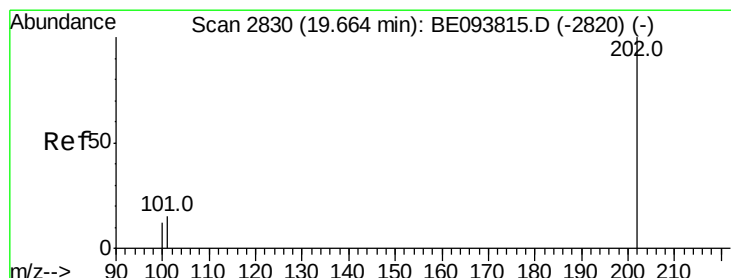
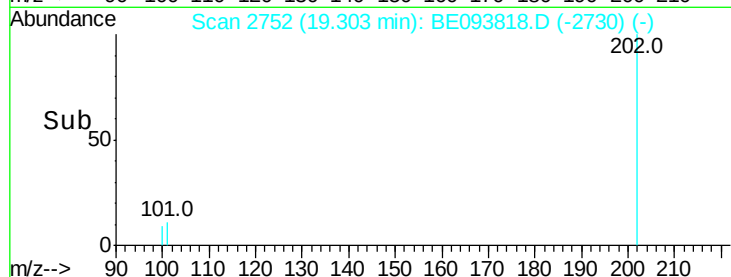
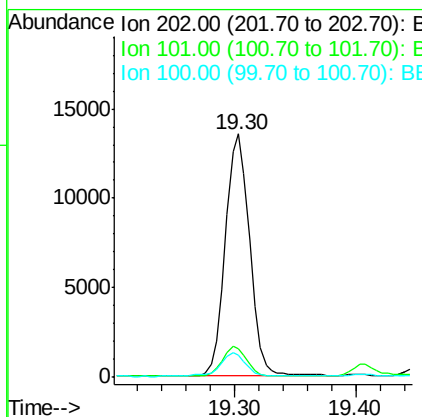
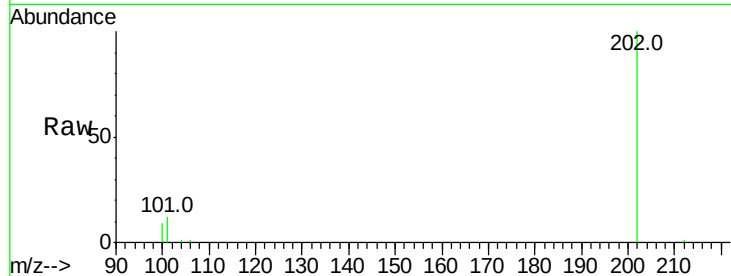
Instrument :

BNA_E

ClientSampleId :

C0AH7

Tot Ion:	202	Resp:	18905
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.3
100	9.3	0.0	39.5



#17

Pyrene

Concen: 0.397 ng/ul

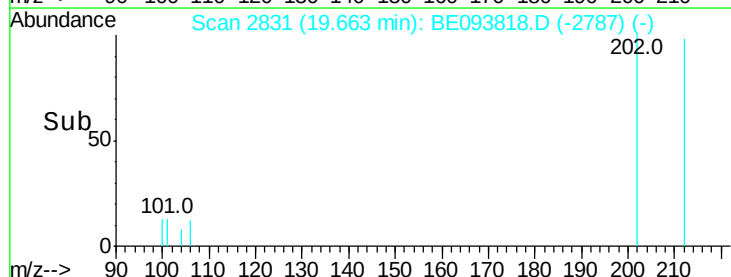
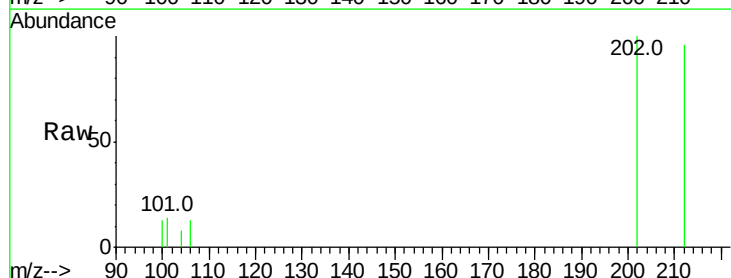
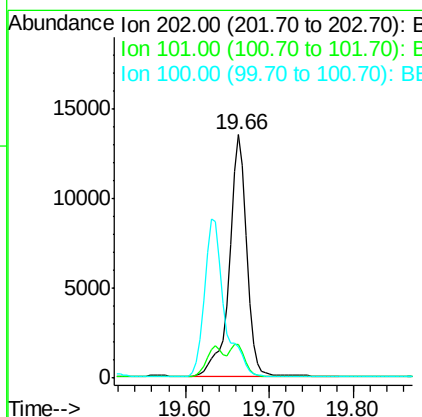
RT: 19.66 min Scan# 2831

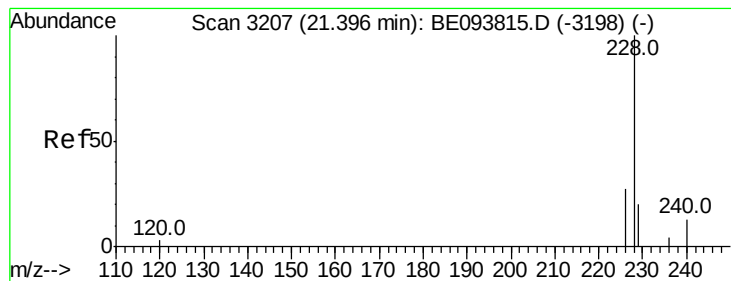
Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

Tgt Ion:	202	Resp:	19248
Ion Ratio	Lower	Upper	
202	100		
101	14.0	18.2	27.4#
100	13.0	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.222 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

Instrument :

BNA_E

ClientSampleId :

C0AH7

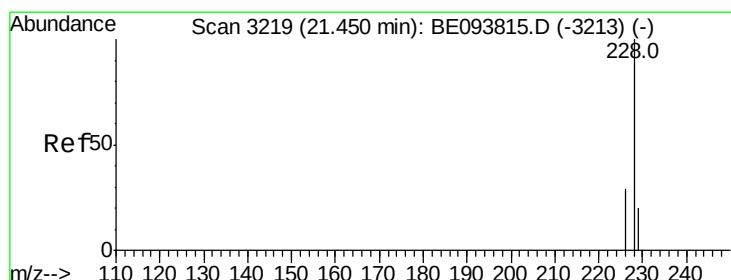
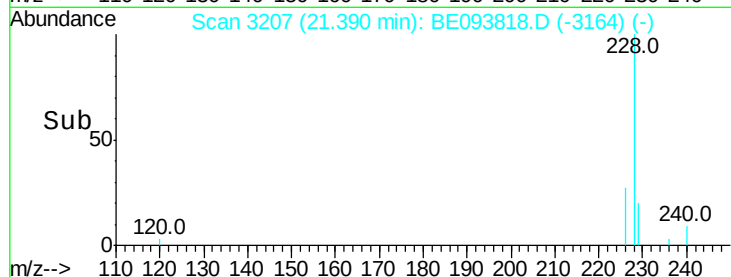
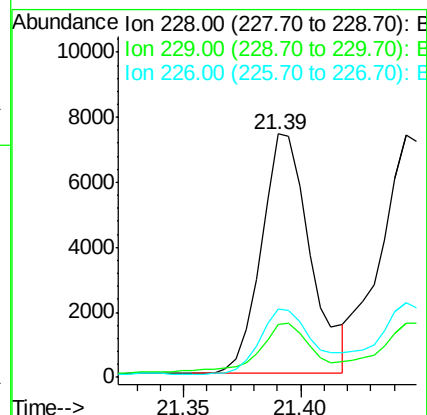
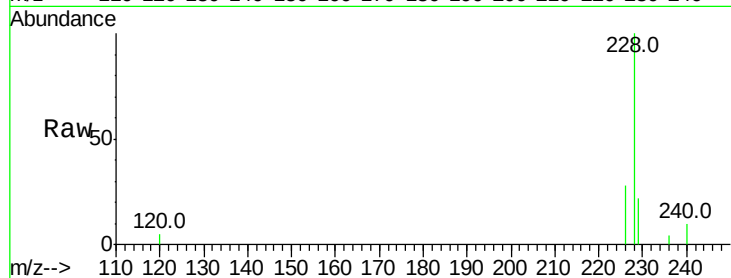
Tot Ion:228 Resp: 10720

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

226 27.8 17.0 25.6#



#19

Chrysene

Concen: 0.264 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

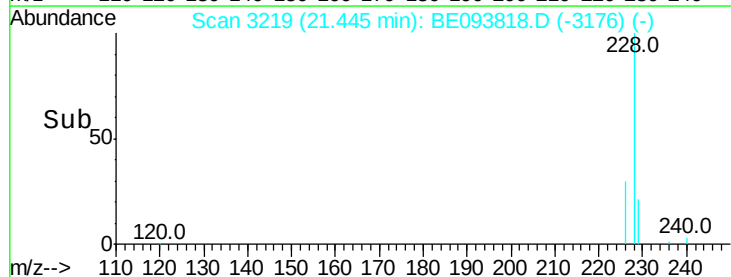
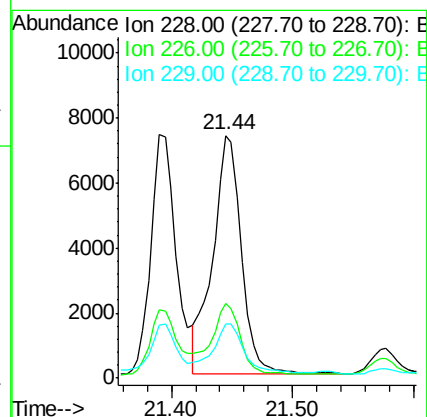
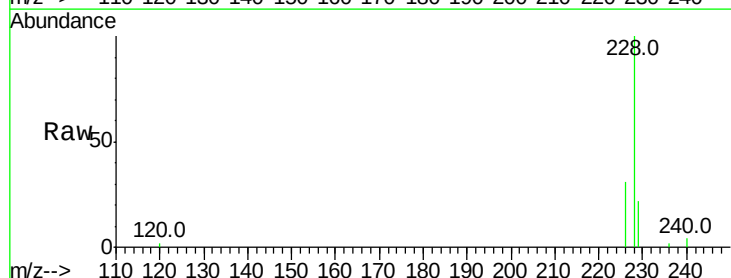
Tgt Ion:228 Resp: 12208

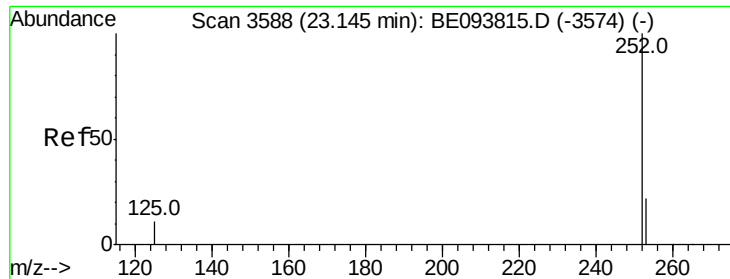
Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.309 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

Instrument :

BNA_E

ClientSampleId :

C0AH7

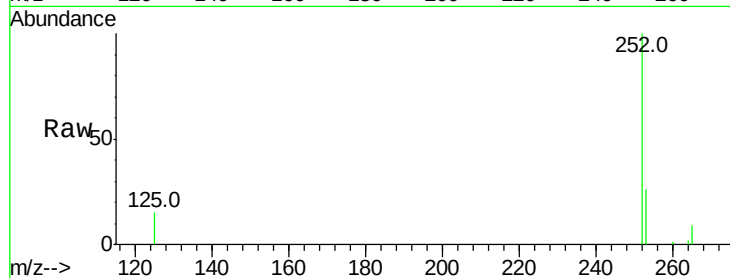
Tot Ion:252 Resp: 20854

Ion Ratio Lower Upper

252 100

253 25.8 0.0 64.2

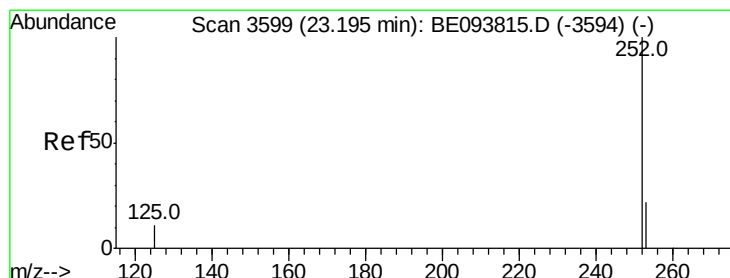
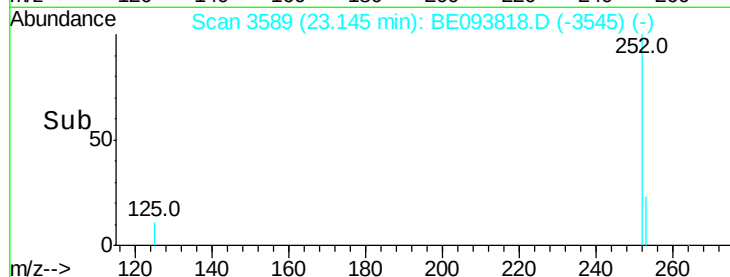
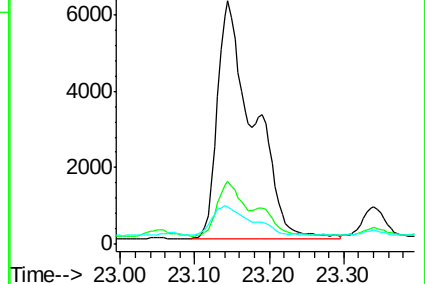
125 15.2 0.0 35.0



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: 0.313 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

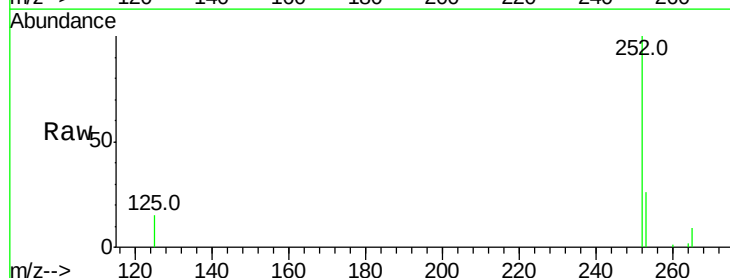
Tgt Ion:252 Resp: 20854

Ion Ratio Lower Upper

252 100

253 25.8 24.5 36.7

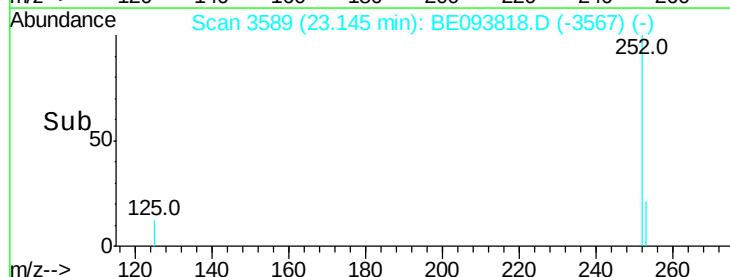
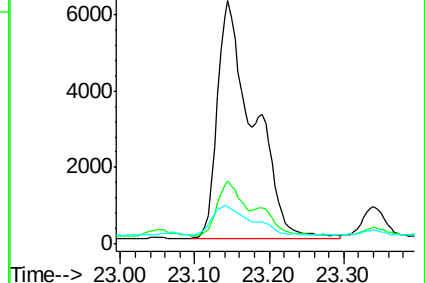
125 15.2 13.7 20.5

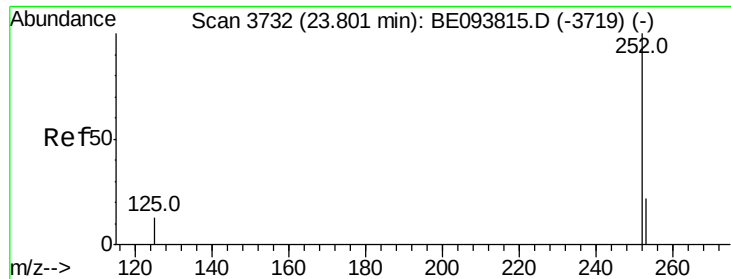


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.173 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

Instrument :

BNA_E

ClientSampleId :

C0AH7

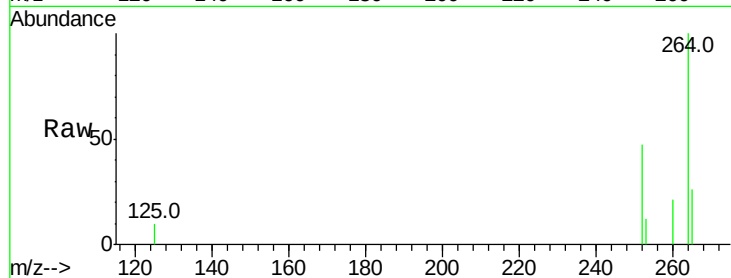
Tot Ion:252 Resp: 11110

Ion Ratio Lower Upper

252 100

253 26.2 28.5 42.7#

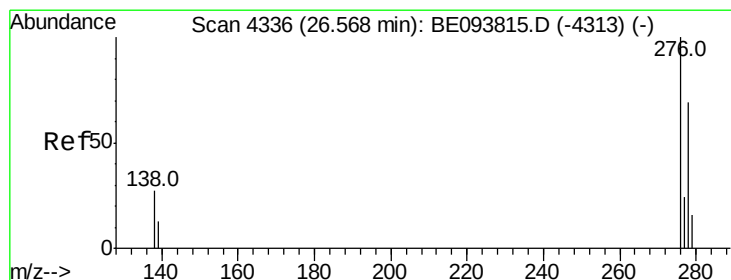
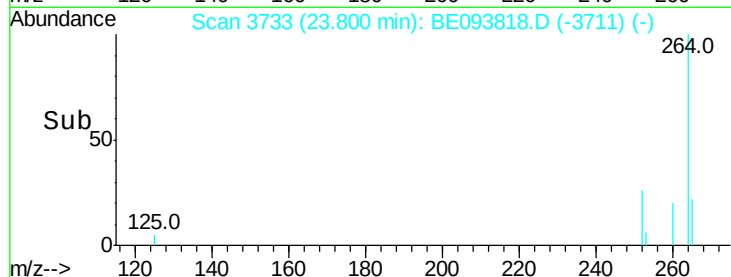
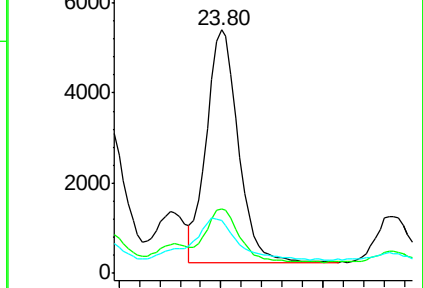
125 21.7 18.1 27.1



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: 0.091 ng/ul

RT: 26.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BE093818.D

Acq: 15 Aug 2017 21:37

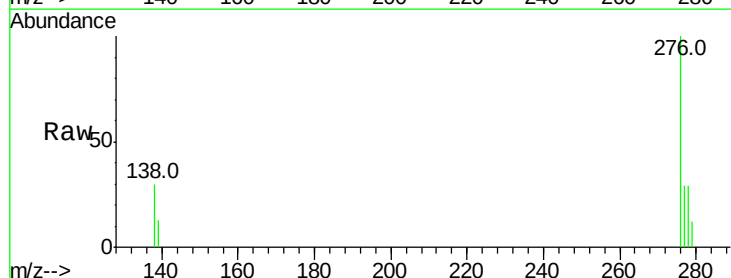
Tgt Ion:276 Resp: 6476

Ion Ratio Lower Upper

276 100

138 28.5 28.0 42.0

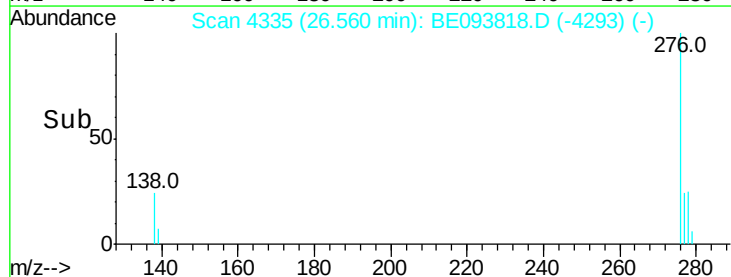
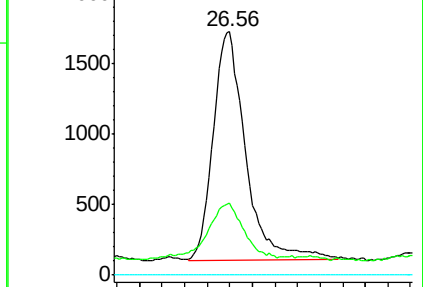
227 0.0 8.0 12.0#

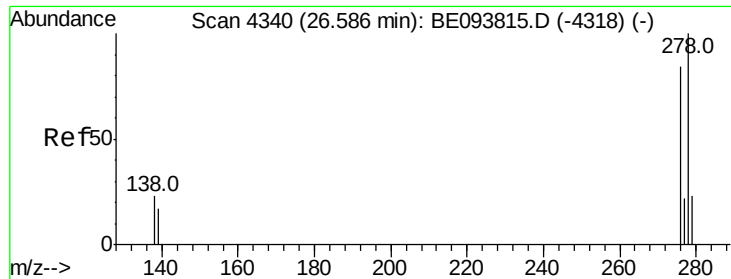


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

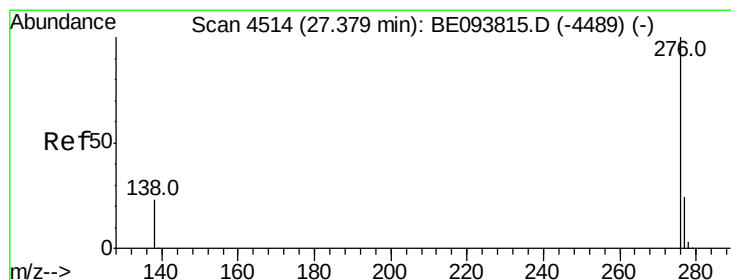
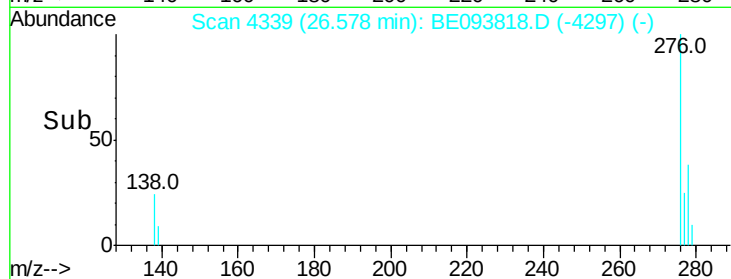
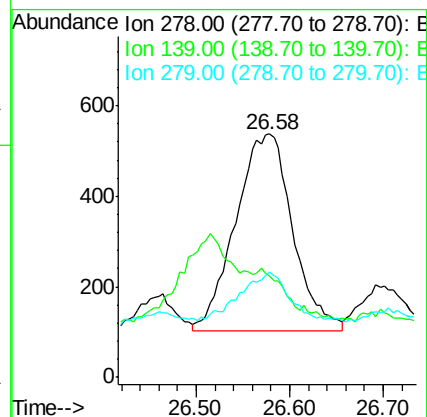
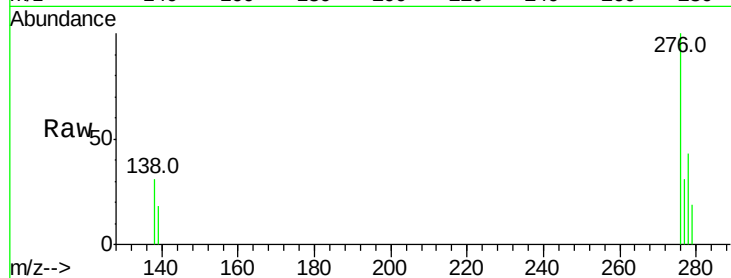




#25
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 26.58 min Scan# 4339
Delta R.T. -0.01 min
Lab File: BE093818.D
Acq: 15 Aug 2017 21:37

Instrument :
BNA_E
ClientSampleId :
C0AH7

Tot Ion:278 Resp: 1846
Ion Ratio Lower Upper
278 100
139 41.8 17.4 26.0#
279 43.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.38 min Scan# 4515
Delta R.T. 0.00 min
Lab File: BE093818.D
Acq: 15 Aug 2017 21:37

Tgt Ion:276 Resp: 5760
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.8
277 27.2 20.5 30.7

