

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 07:48:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

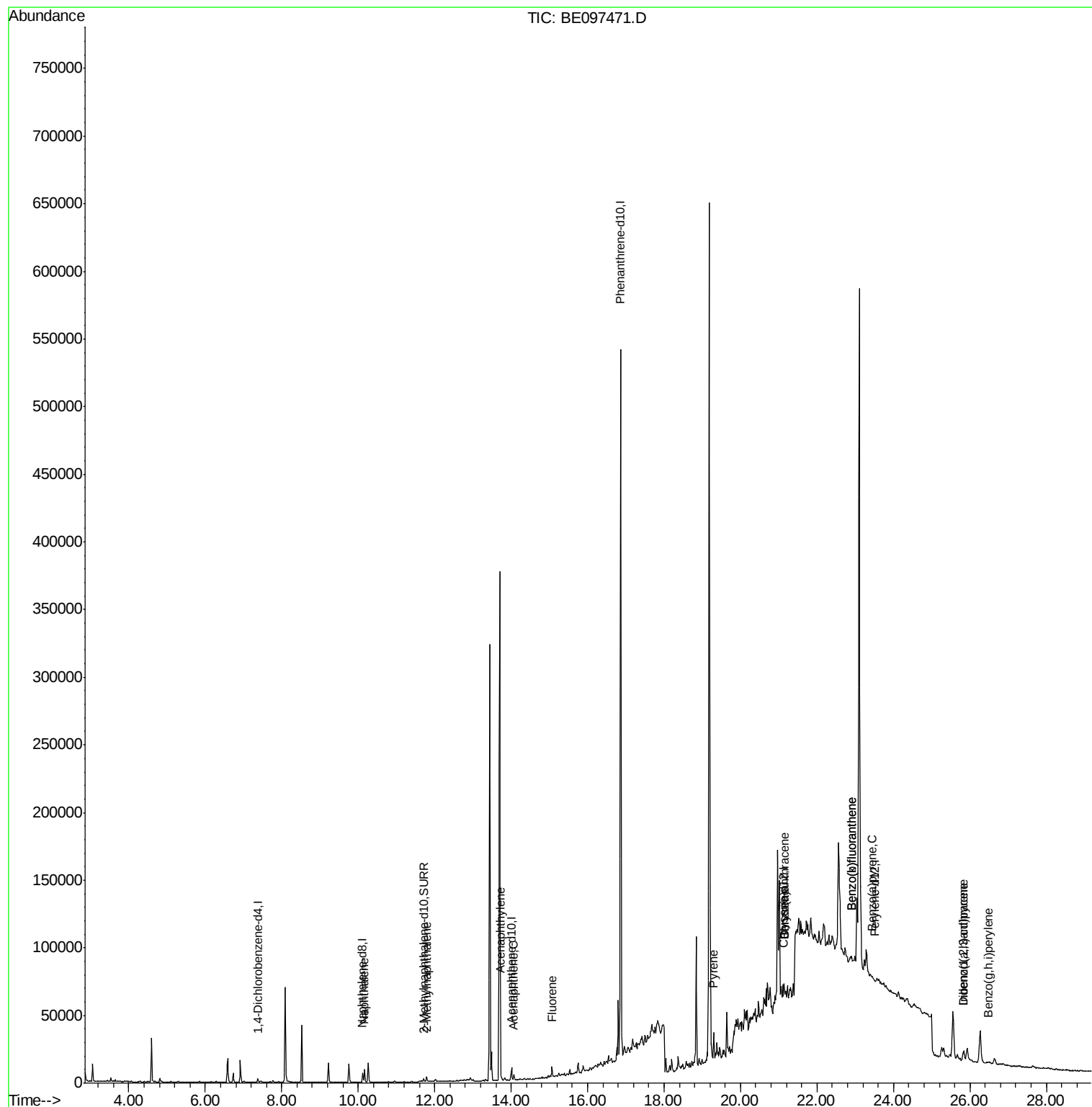
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	7305	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	5237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	580297	0.40	ng/ul	0.10
16) Chrysene-d12	21.12	240	1187	0.40	ng/ul	0.15
20) Perylene-d12	23.52	264	515	0.40	ng/ul	0.32
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3348	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	2694	0.00	ng/ul	0.12
Target Compounds				Ovalue		
3) Naphthalene	10.16	128	14764	0.829	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	3066	0.272	ng/ul	97
7) Acenaphthylene	13.72	152	3022	0.158	ng/ul#	71
8) Acenaphthene	14.07	153	2417	0.147	ng/ul#	88
9) Fluorene	15.07	166	4560	0.243	ng/ul#	82
17) Pyrene	19.30	202	17269	5.406	ng/ul#	68
18) Benzo(a)anthracene	21.13	228	9272	3.041	ng/ul#	1
19) Chrysene	21.13	228	9272	2.639	ng/ul#	1
21) Benzo(b)fluoranthene	22.91	252	3833	2.779	ng/ul#	1
22) Benzo(k)fluoranthene	22.91	252	3833	2.492	ng/ul#	1
23) Benzo(a)pyrene	23.44	252	3315	2.598	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.83	276	3238	1.958	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.83	278	11358	8.106	ng/ul#	1
26) Benzo(g,h,i)perylene	26.48	276	1992	1.413	ng/ul#	1

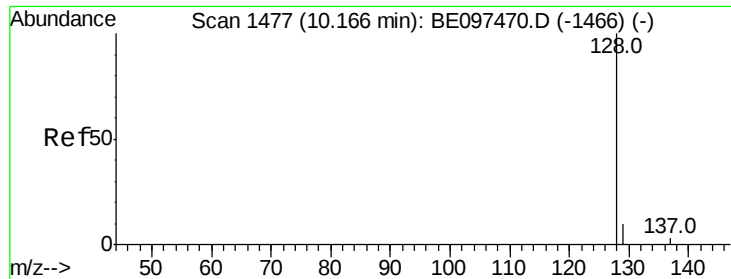
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.829 ng/ul

RT: 10.16 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampleId :

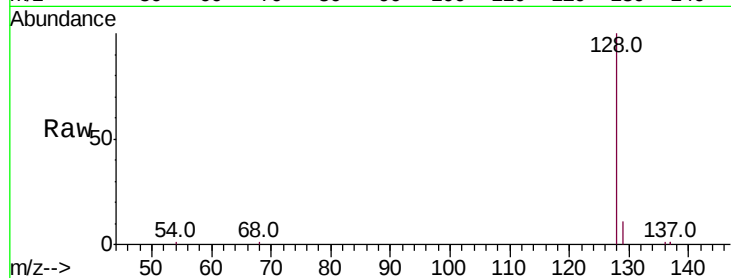
Tot Ion:128 Resp: 14764

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

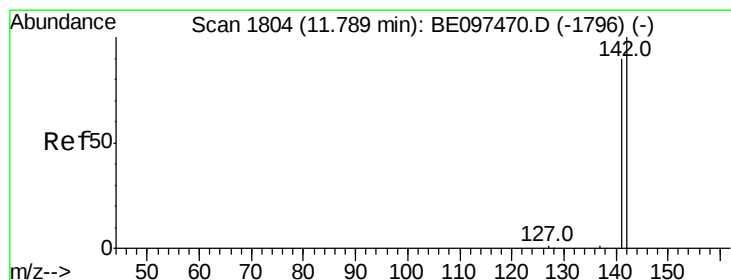
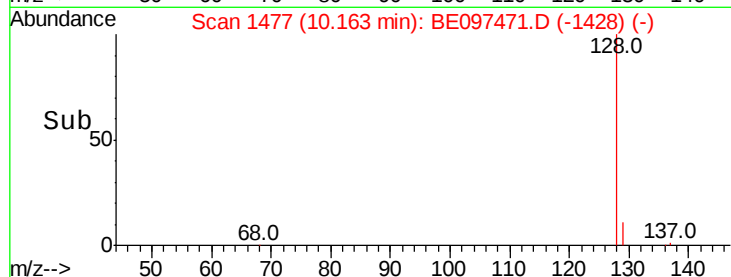
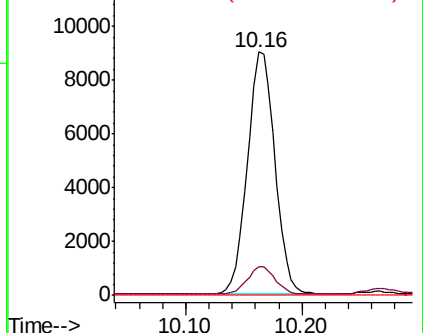
127 0.0 4.0 6.0#



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: 0.272 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BE097471.D

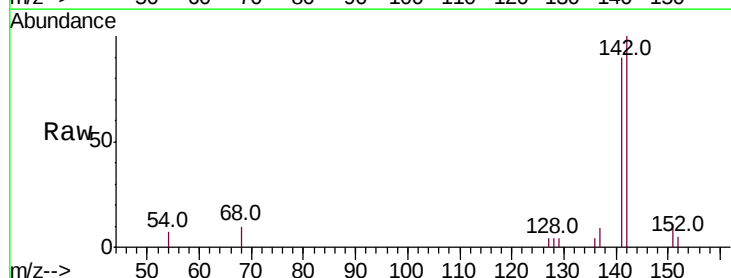
Acq: 13 Sep 2018 3:40

Tgt Ion:142 Resp: 3066

Ion Ratio Lower Upper

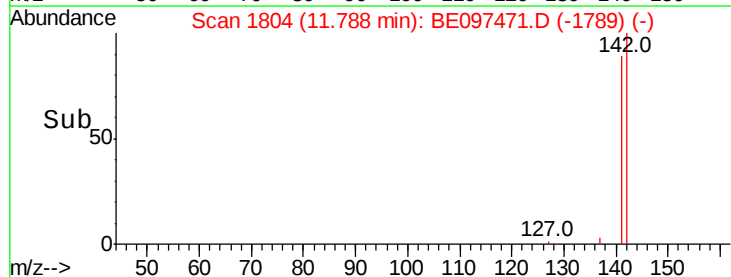
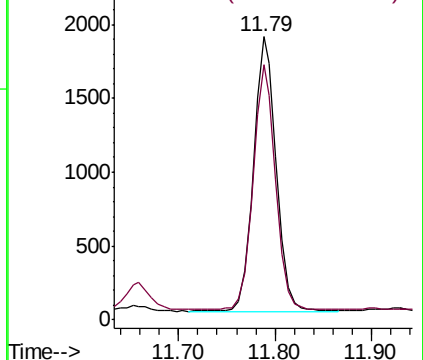
142 100

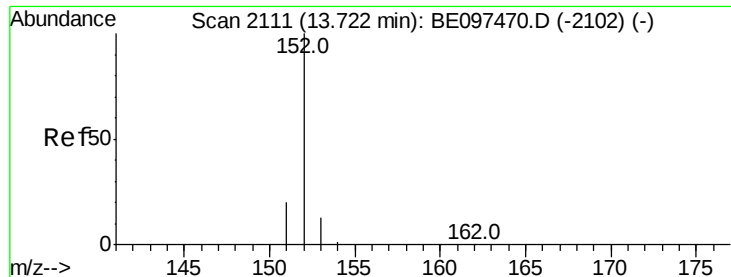
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.158 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampleId :

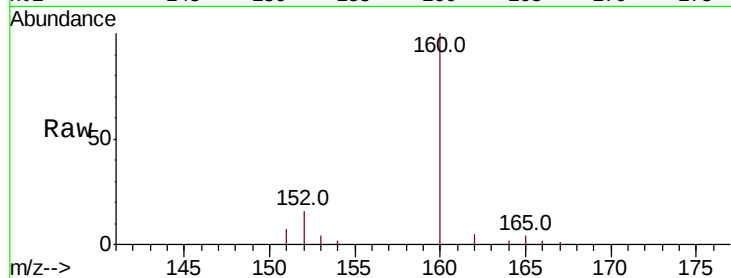
Tot Ion:152 Resp: 3022

Ion Ratio Lower Upper

152 100

151 40.7 17.1 25.7#

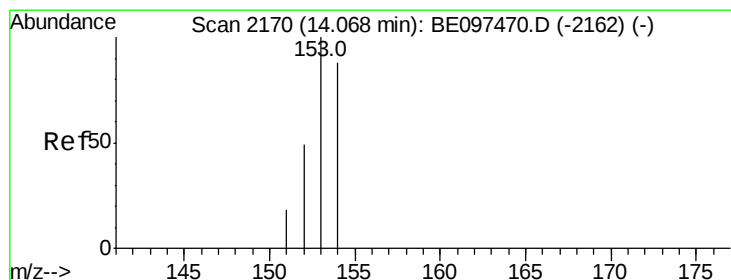
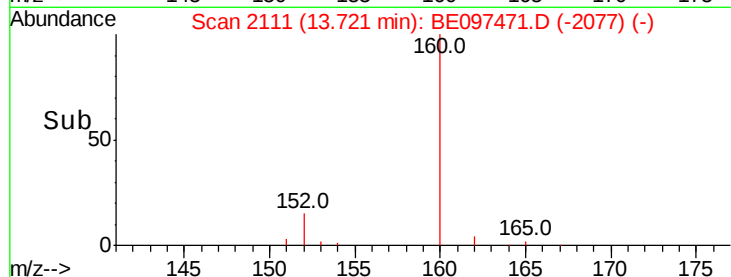
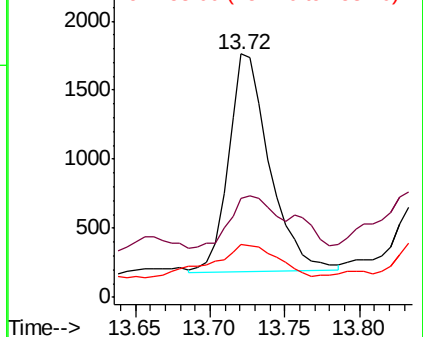
153 22.0 12.8 19.2#



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: 0.147 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

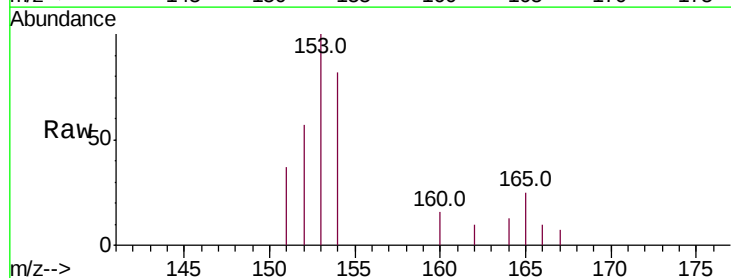
Tgt Ion:153 Resp: 2417

Ion Ratio Lower Upper

153 100

152 56.5 36.0 54.0#

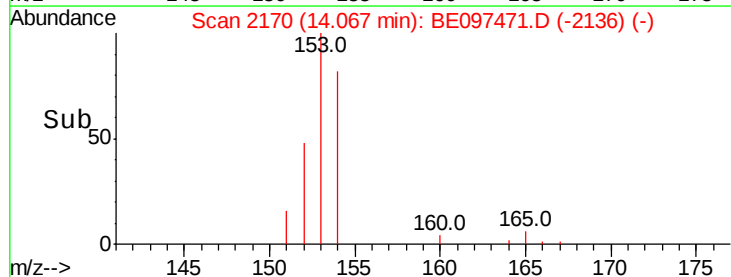
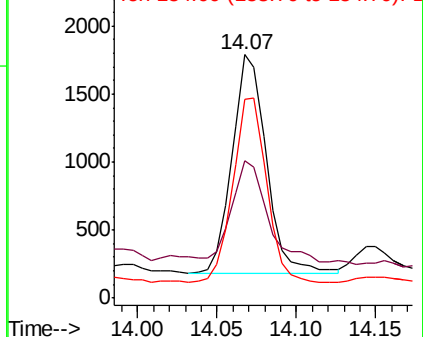
154 81.8 72.0 108.0

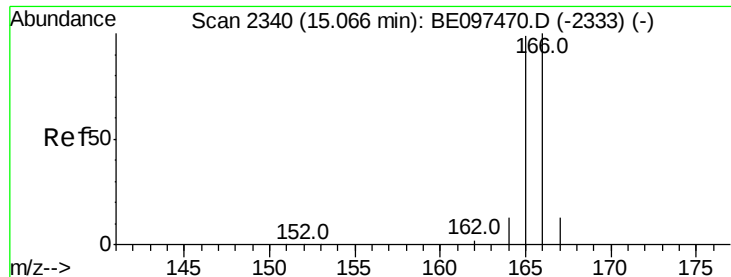


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.243 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampleId :

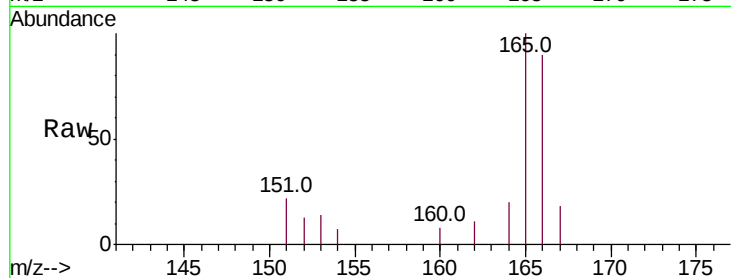
Tot Ion:166 Resp: 4560

Ion Ratio Lower Upper

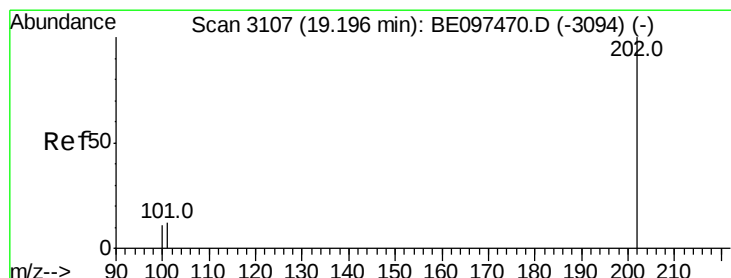
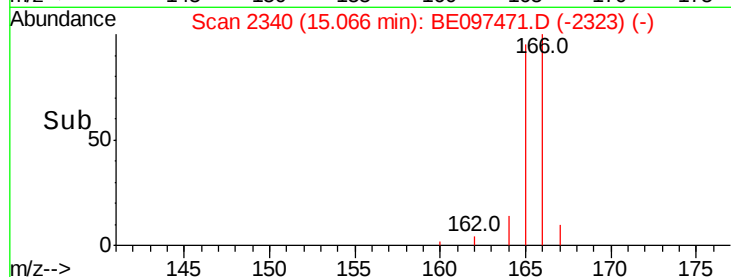
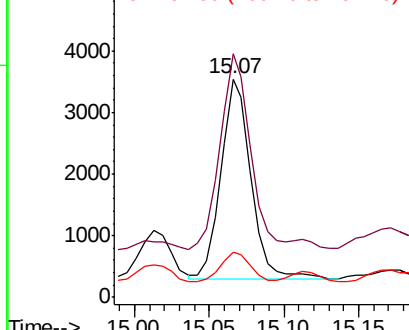
166 100

165 111.6 73.4 110.2#

167 20.6 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 5.406 ng/ul

RT: 19.30 min Scan# 3136

Delta R.T. 0.10 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

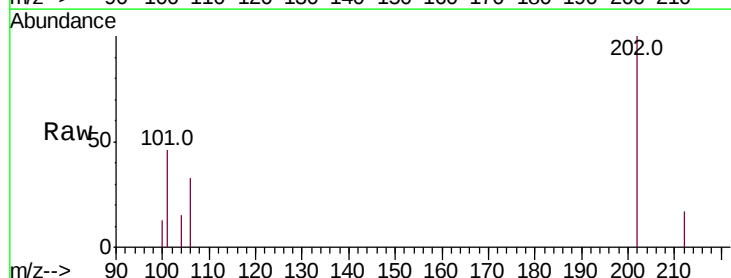
Tgt Ion:202 Resp: 17269

Ion Ratio Lower Upper

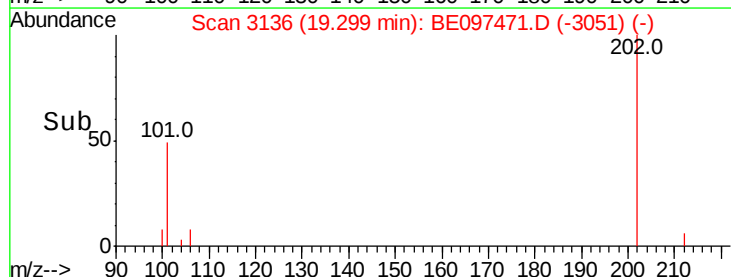
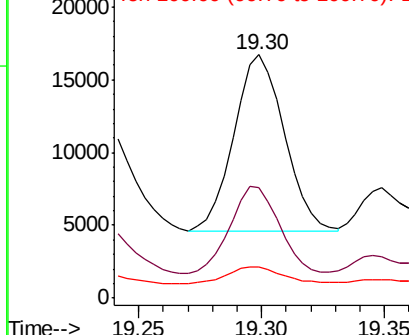
202 100

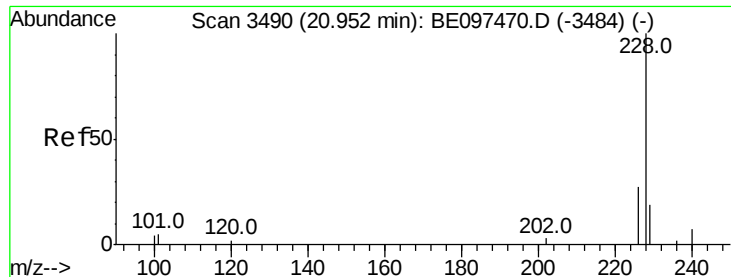
101 45.5 18.2 27.4#

100 12.6 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: 3.041 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.18 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampled :

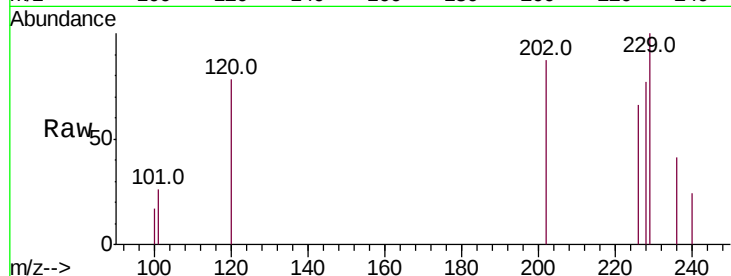
Tot Ion:228 Resp: 9272

Ion Ratio Lower Upper

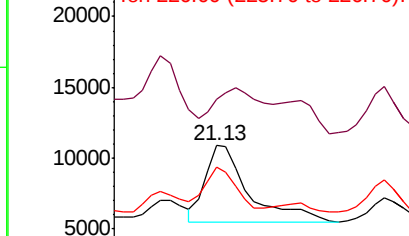
228 100

229 130.2 22.8 34.2#

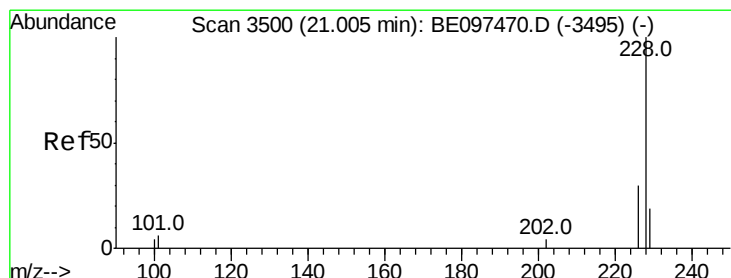
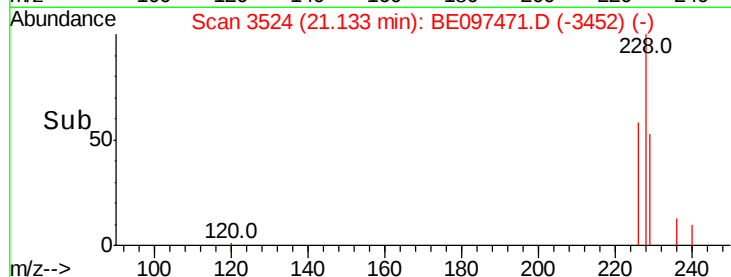
226 86.1 17.0 25.6#



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



Time-->



#19

Chrysene

Concen: 2.639 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.13 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

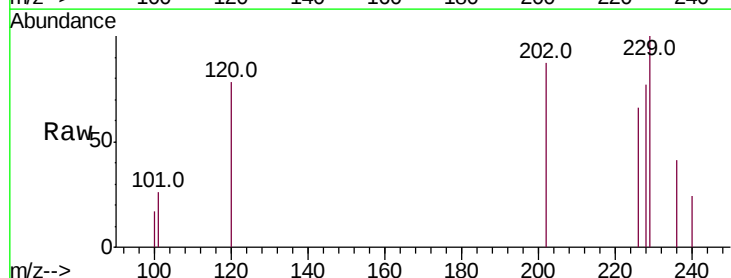
Tgt Ion:228 Resp: 9272

Ion Ratio Lower Upper

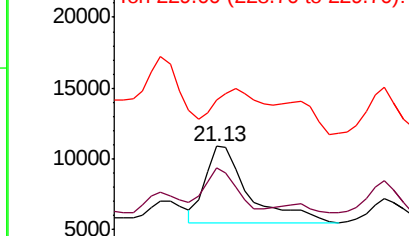
228 100

226 86.1 23.4 35.0#

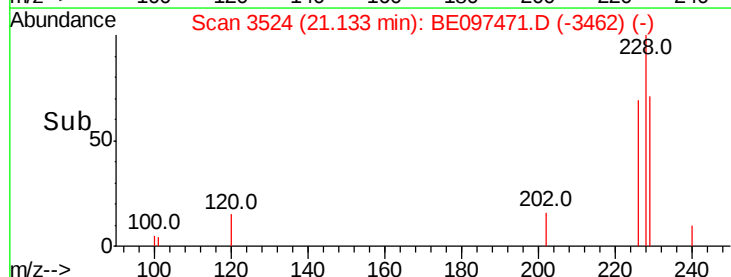
229 130.2 17.7 26.5#

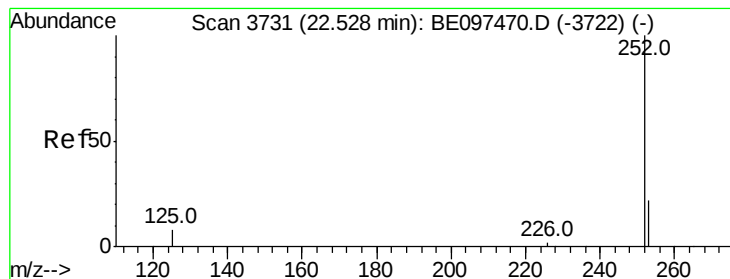


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#21

Benzo(b)fluoranthene

Concen: 2.779 ng/ul

RT: 22.91 min Scan# 3785

Delta R.T. 0.38 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampleId :

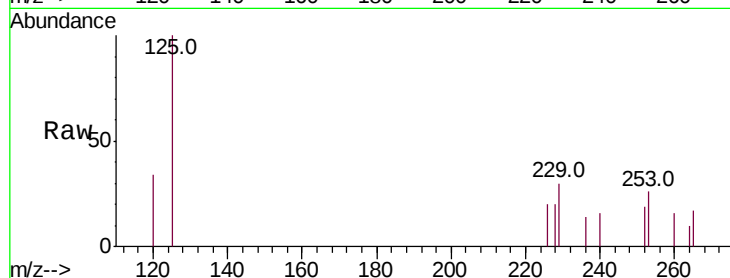
Tot Ion:252 Resp: 3833

Ion Ratio Lower Upper

252 100

253 139.2 0.0 64.2#

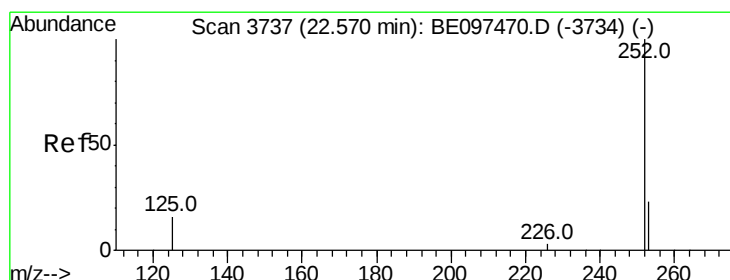
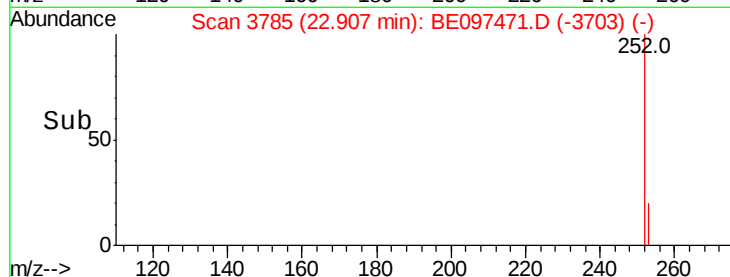
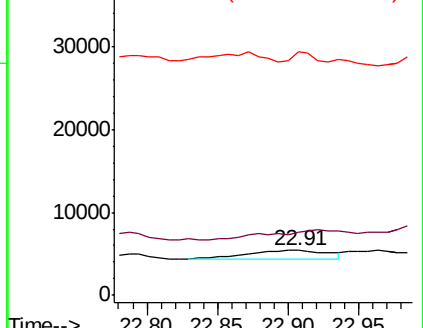
125 539.0 0.0 35.0#



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: 2.492 ng/ul

RT: 22.91 min Scan# 3785

Delta R.T. 0.34 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

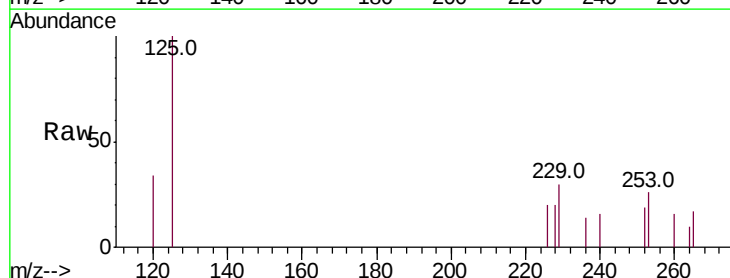
Tgt Ion:252 Resp: 3833

Ion Ratio Lower Upper

252 100

253 139.2 24.5 36.7#

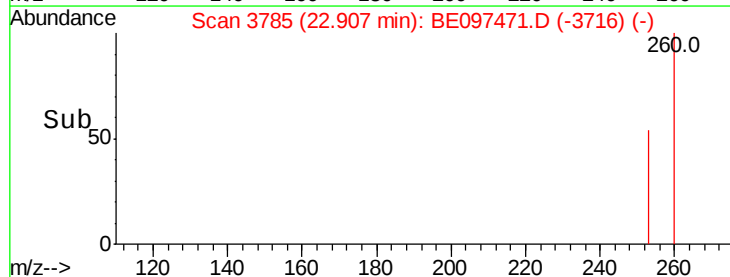
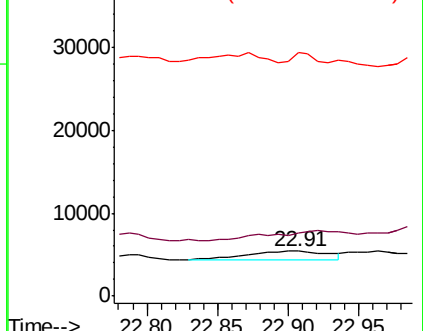
125 539.0 13.7 20.5#

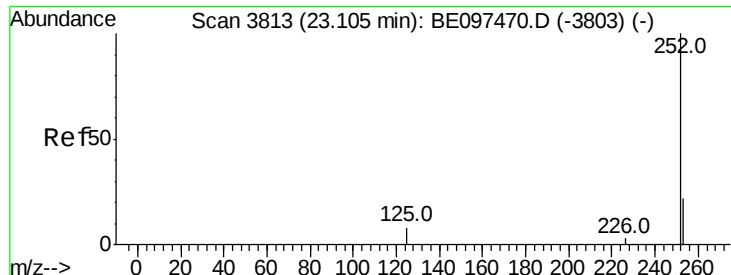


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.598 ng/ul

RT: 23.44 min Scan# 3861

Delta R.T. 0.34 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampleId :

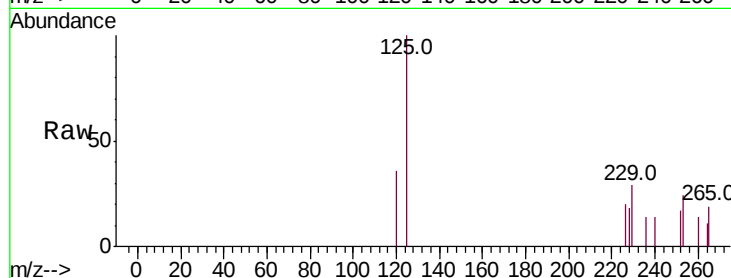
Tot Ion:252 Resp: 3315

Ion Ratio Lower Upper

252 100

253 138.4 28.5 42.7#

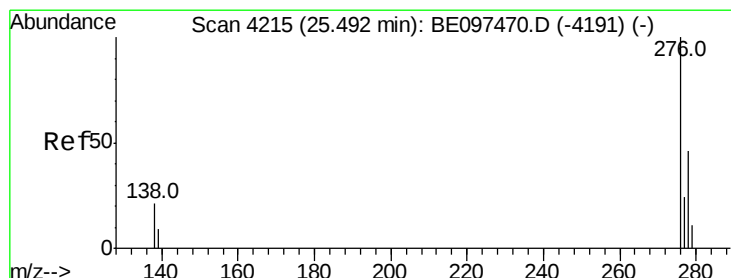
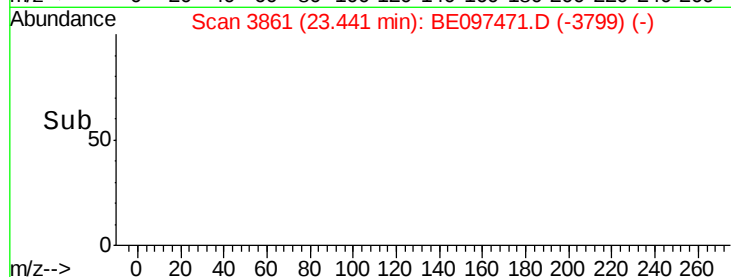
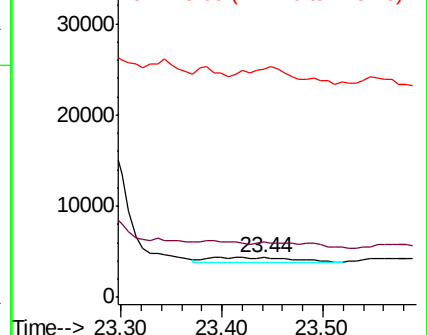
125 572.3 18.1 27.1#



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: 1.958 ng/ul

RT: 25.83 min Scan# 4311

Delta R.T. 0.34 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

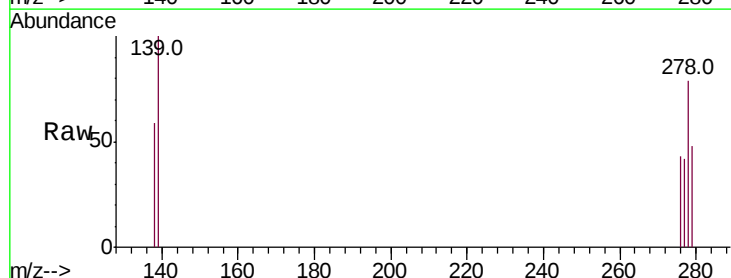
Tgt Ion:276 Resp: 3238

Ion Ratio Lower Upper

276 100

138 39.9 28.0 42.0

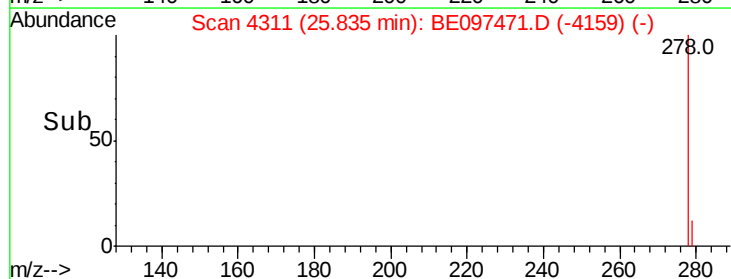
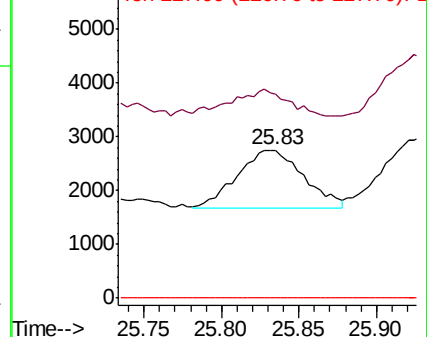
227 0.0 8.0 12.0#

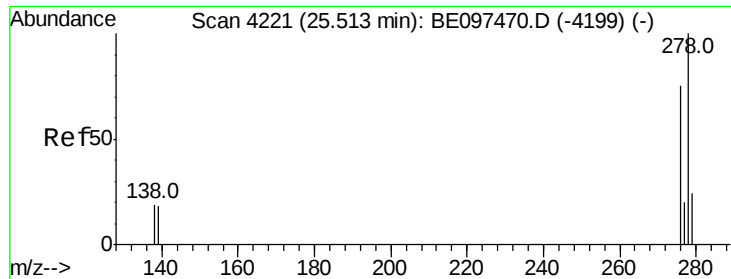


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

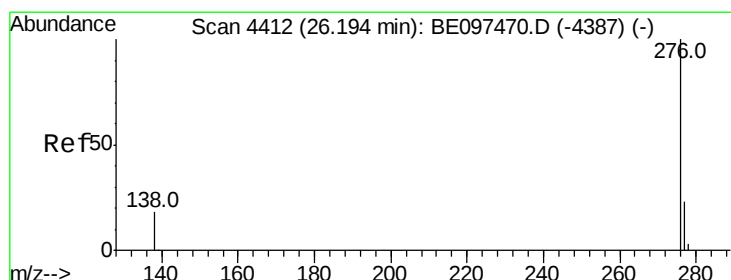
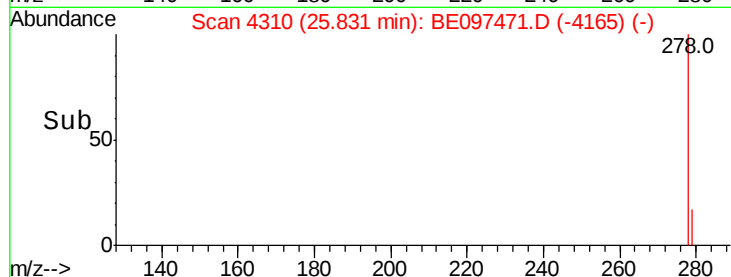
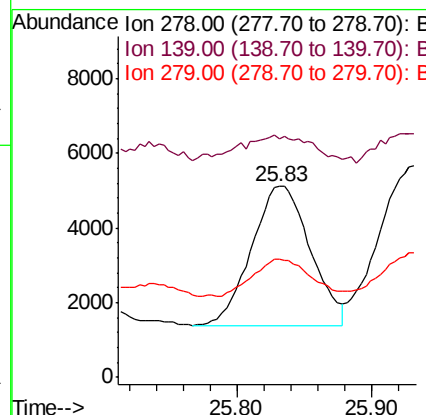
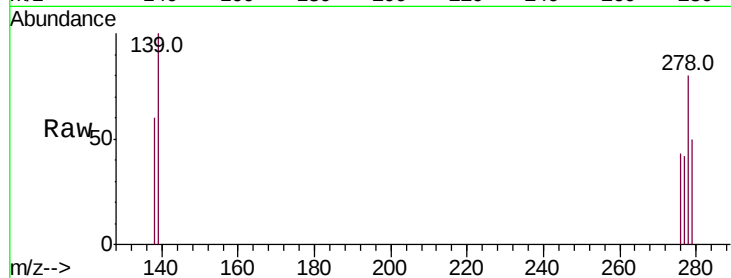




#25
Dibenzo(a,h)anthracene
Concen: 8.106 ng/ul
RT: 25.83 min Scan# 4310
Delta R.T. 0.32 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11358
Ion Ratio Lower Upper
278 100
139 125.0 17.4 26.0#
279 62.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.413 ng/ul
RT: 26.48 min Scan# 4493
Delta R.T. 0.29 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

Tgt Ion:276 Resp: 1992
Ion Ratio Lower Upper
276 100
138 144.1 21.8 32.8#
277 109.2 20.5 30.7#

