

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 07:01:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 07:00:13 2018
 Response via : Initial Calibration

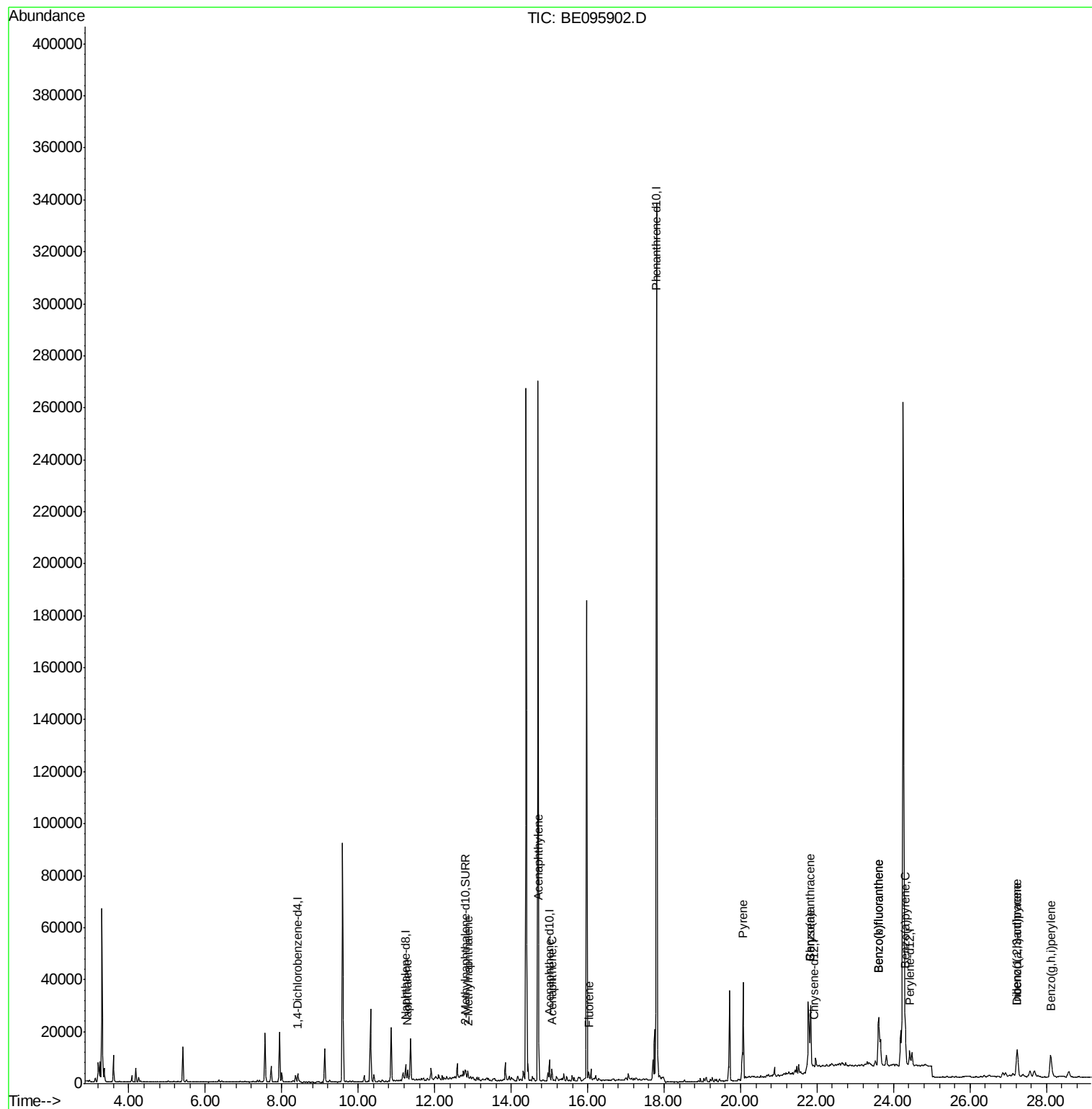
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	2259	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	7201	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	4499	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	393698	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	84	0.40	ng/ul	0.12
20) Perylene-d12	24.42	264	9640	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	2611	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	259	0.00	ng/ul	0.09
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	5464	0.272	ng/ul#	84
5) 2-Methylnaphthalene	12.87	142	2240	0.160	ng/ul	95
7) Acenaphthylene	14.73	152	573	0.025	ng/ul#	1
8) Acenaphthene	15.06	153	2110	0.123	ng/ul#	79
9) Fluorene	16.03	166	2290	0.123	ng/ul#	83
17) Pyrene	20.07	202	49015	153.672	ng/ul#	79
18) Benzo(a)anthracene	21.83	228	25820	95.265	ng/ul#	85
19) Chrysene	21.83	228	25735	93.256	ng/ul	92
21) Benzo(b)fluoranthene	23.61	252	49211	1.474	ng/ul	92
22) Benzo(k)fluoranthene	23.61	252	49211	1.550	ng/ul	94
23) Benzo(a)pyrene	24.30	252	28508	0.935	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.23	276	20140	0.596	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.23	278	5142	0.190	ng/ul#	59
26) Benzo(g,h,i)perylene	28.11	276	22718	0.782	ng/ul	94

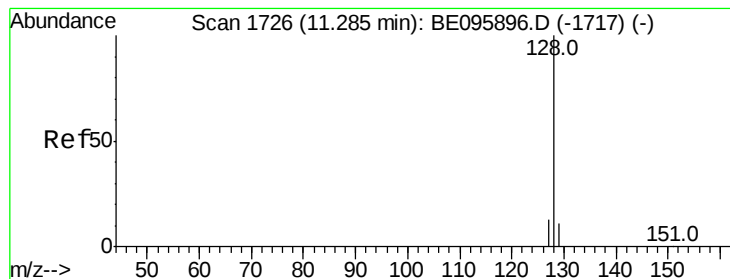
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095902.D
Acq On : 29 Mar 2018 6:15
Operator : SJ/JU
Sample : J2060-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 29 07:01:48 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 07:00:13 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.272 ng/ul

RT: 11.29 min Scan# 1728

Delta R.T. 0.01 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

Instrument :

BNA_E

ClientSampleId :

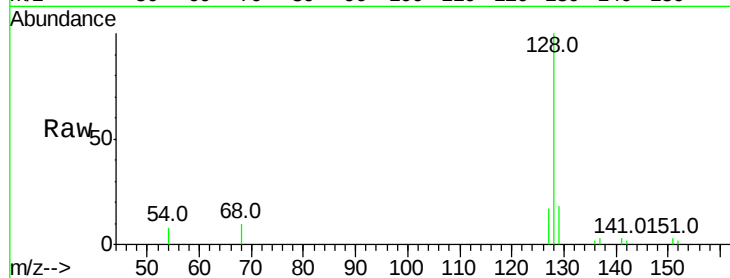
Tot Ion:128 Resp: 5464

Ion Ratio Lower Upper

128 100

129 17.9 11.3 16.9#

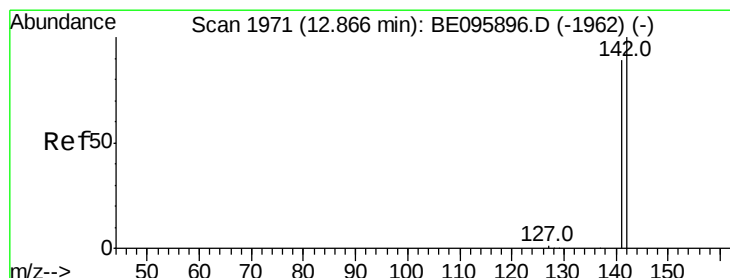
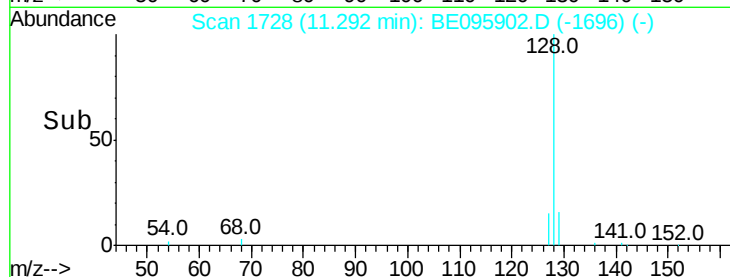
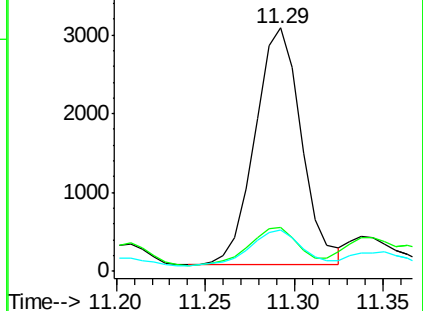
127 16.8 4.0 6.0#



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: 0.160 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095902.D

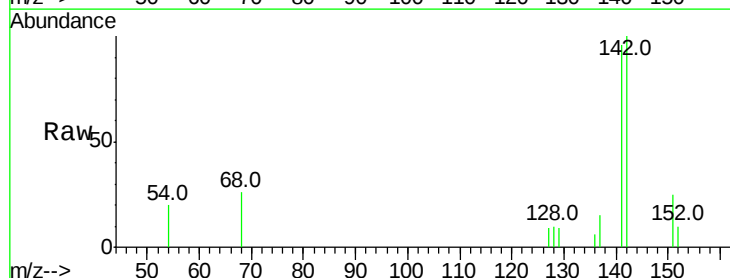
Acq: 29 Mar 2018 6:15

Tgt Ion:142 Resp: 2240

Ion Ratio Lower Upper

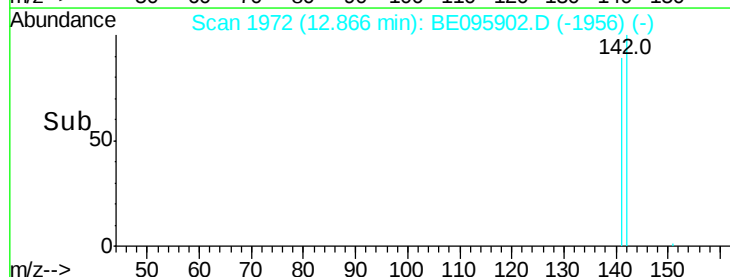
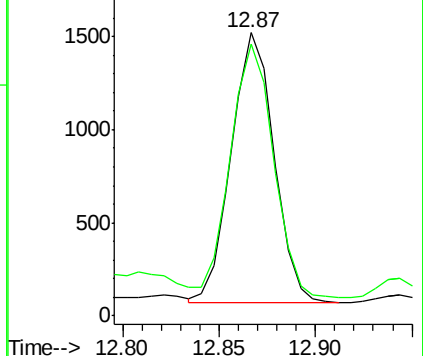
142 100

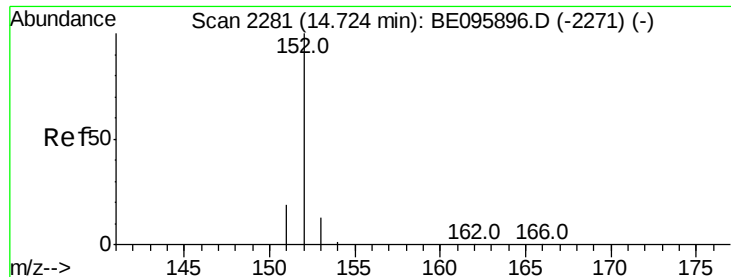
141 95.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.73 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

Instrument :

BNA_E

ClientSampleId :

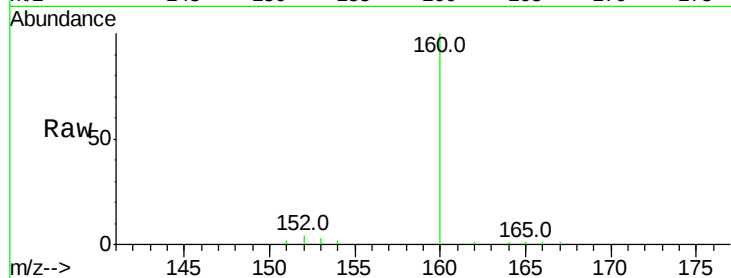
Tot Ion:152 Resp: 573

Ion Ratio Lower Upper

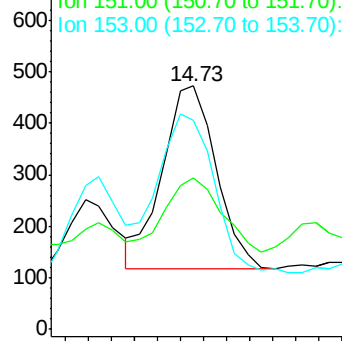
152 100

151 62.5 17.1 25.7#

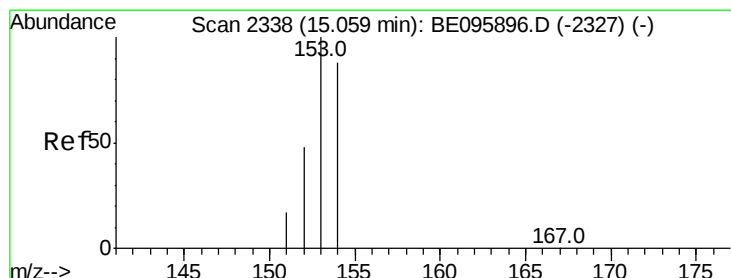
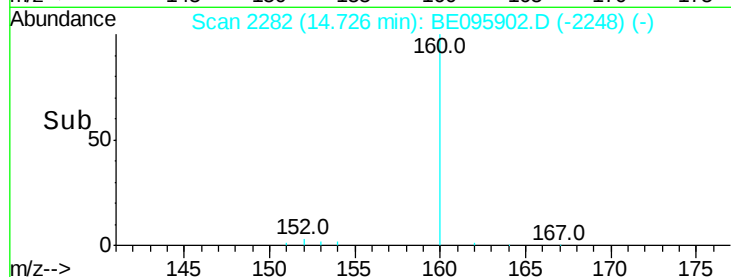
153 86.0 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.123 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

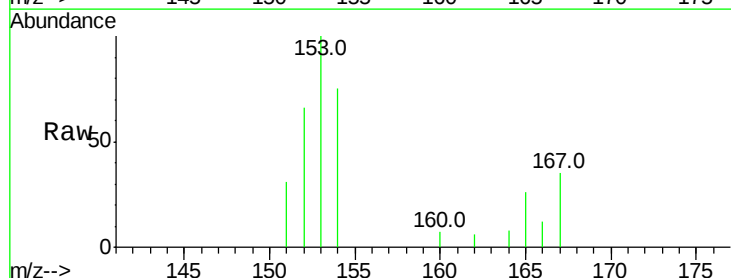
Tgt Ion:153 Resp: 2110

Ion Ratio Lower Upper

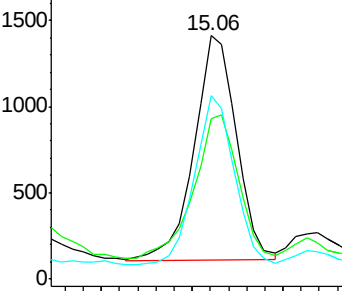
153 100

152 65.8 36.0 54.0#

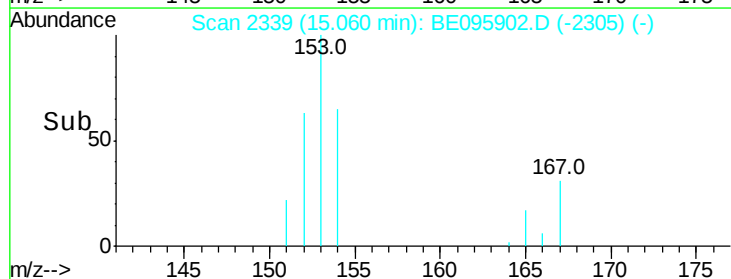
154 75.4 72.0 108.0

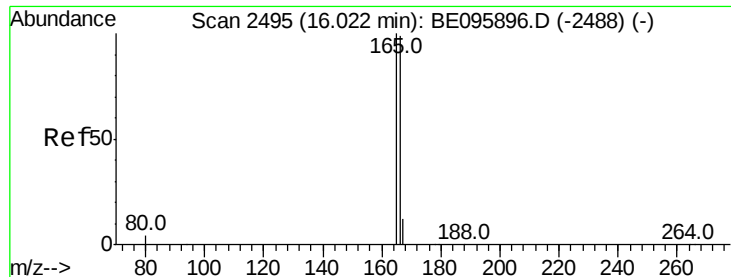


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.123 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

Instrument :

BNA_E

ClientSampleId :

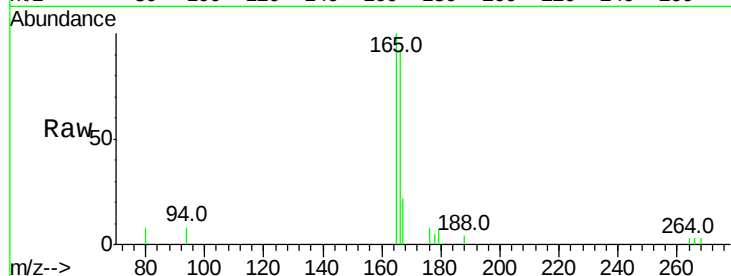
Tot Ion:166 Resp: 2290

Ion Ratio Lower Upper

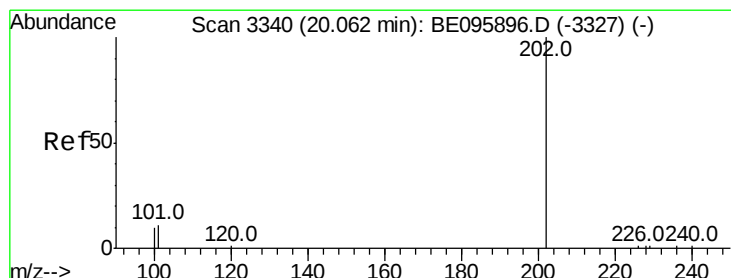
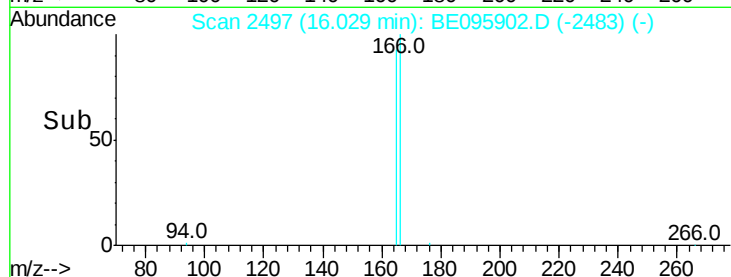
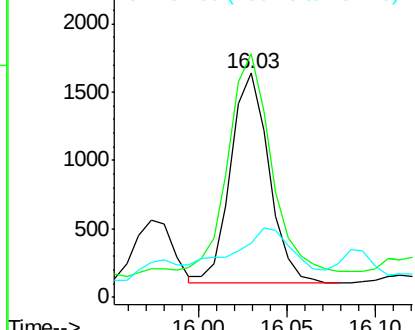
166 100

165 108.7 73.4 110.2

167 24.4 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: 153.672 ng/ul

RT: 20.07 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

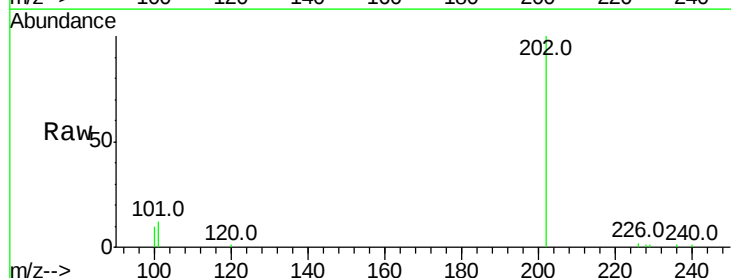
Tgt Ion:202 Resp: 49015

Ion Ratio Lower Upper

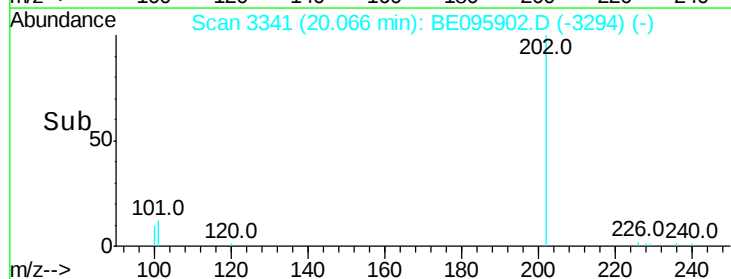
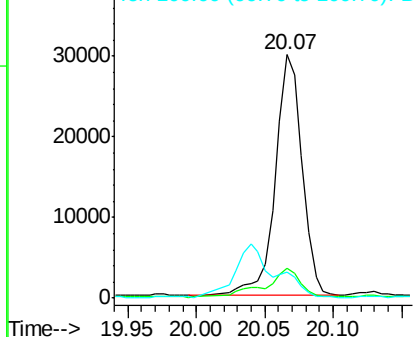
202 100

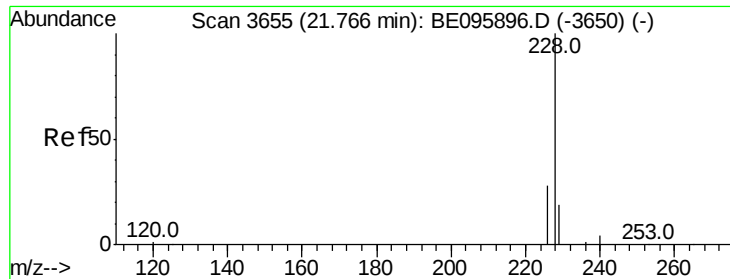
101 12.2 18.2 27.4#

100 10.5 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





#18

Benzo(a)anthracene

Concen: 95.265 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.06 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

Instrument :

BNA_E

ClientSampleId :

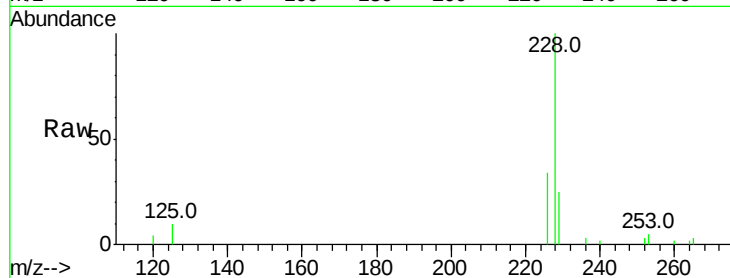
Tot Ion:228 Resp: 25820

Ion Ratio Lower Upper

228 100

229 25.2 22.8 34.2

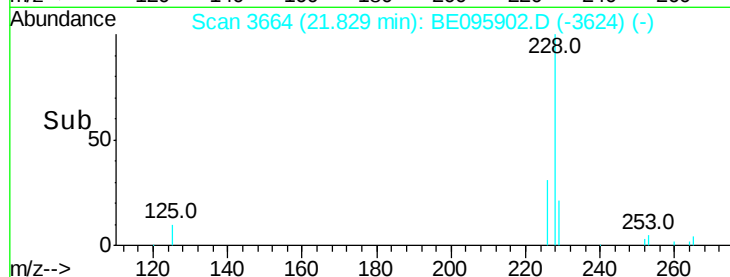
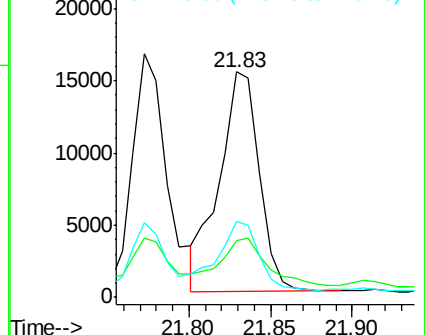
226 33.7 17.0 25.6#



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: 93.256 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

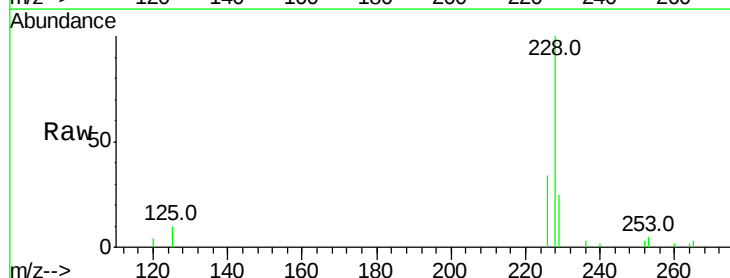
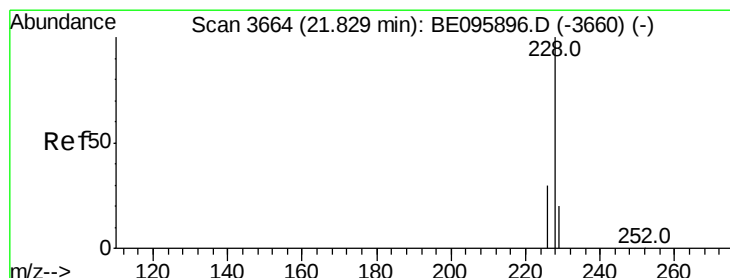
Tgt Ion:228 Resp: 25735

Ion Ratio Lower Upper

228 100

226 33.7 23.4 35.0

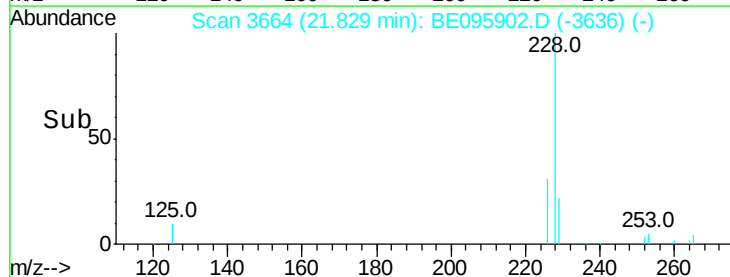
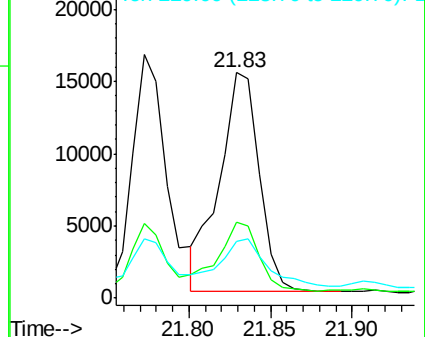
229 25.2 17.7 26.5

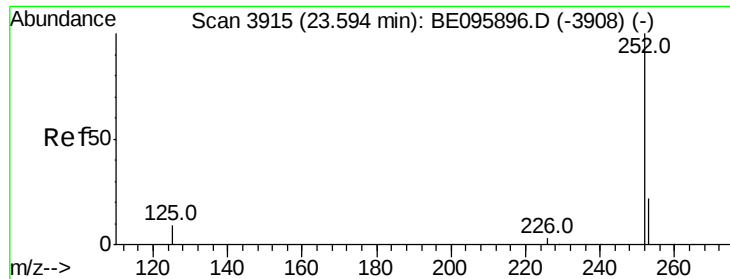


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.474 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. 0.01 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

Instrument :

BNA_E

ClientSampleId :

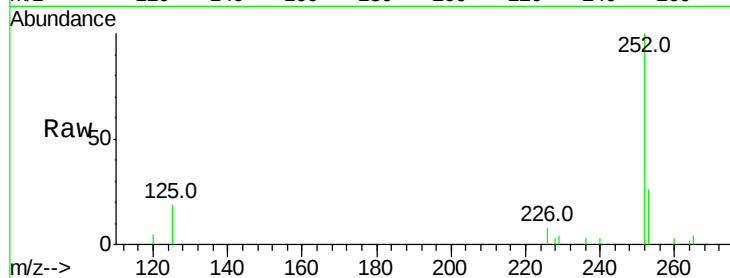
Tot Ion:252 Resp: 49211

Ion Ratio Lower Upper

252 100

253 26.3 0.0 64.2

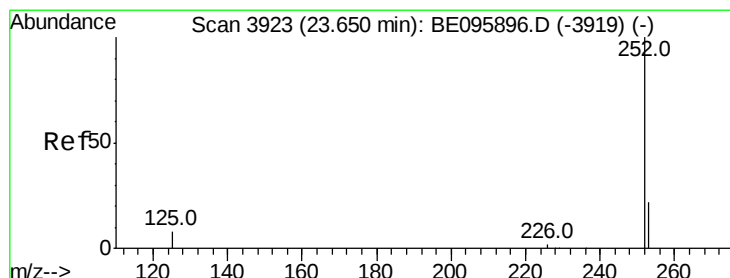
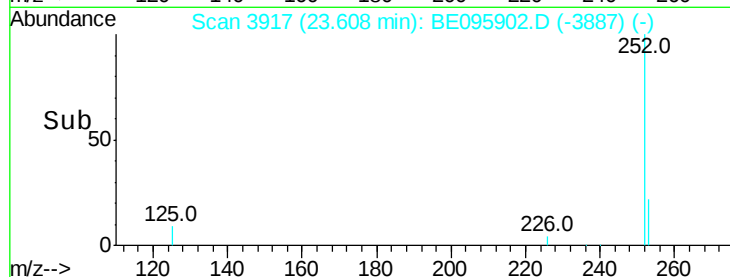
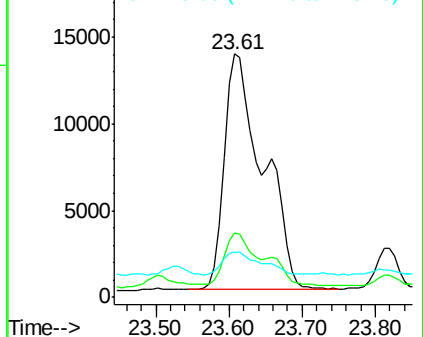
125 18.5 0.0 35.0



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: 1.550 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. -0.04 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

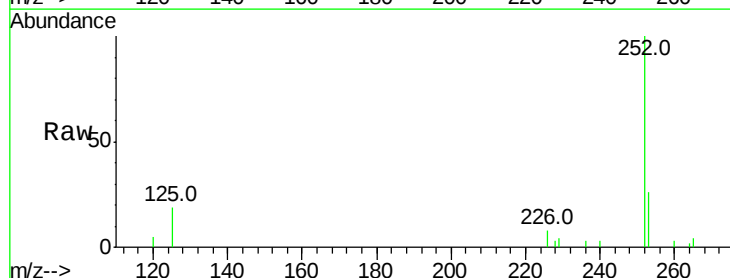
Tgt Ion:252 Resp: 49211

Ion Ratio Lower Upper

252 100

253 26.3 24.5 36.7

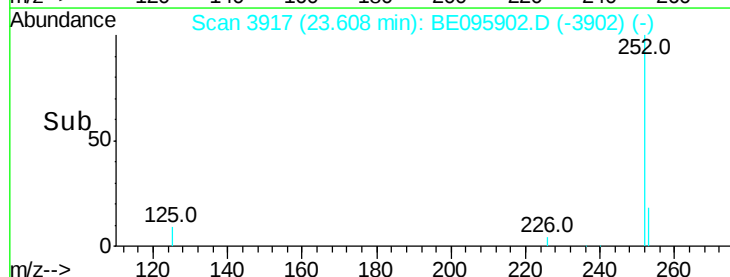
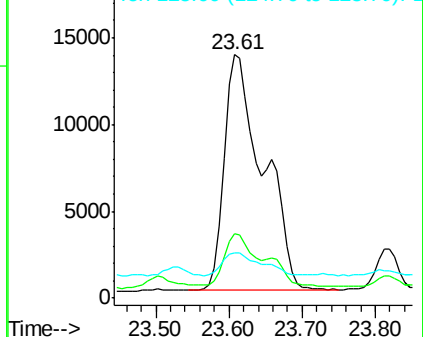
125 18.5 13.7 20.5

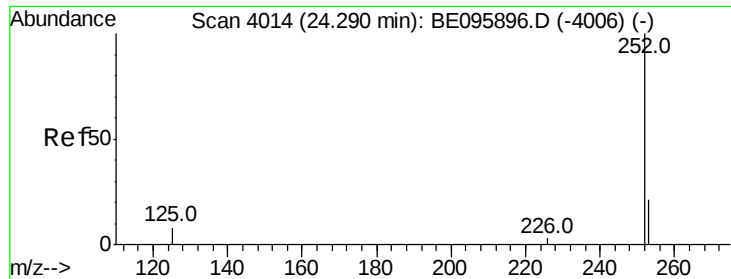


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.935 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

Instrument :

BNA_E

ClientSampleId :

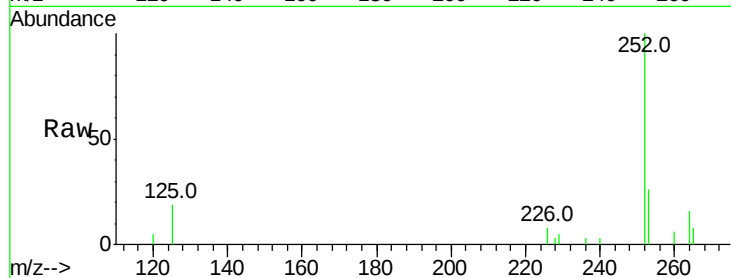
Tot Ion:252 Resp: 28508

Ion Ratio Lower Upper

252 100

253 26.2 28.5 42.7#

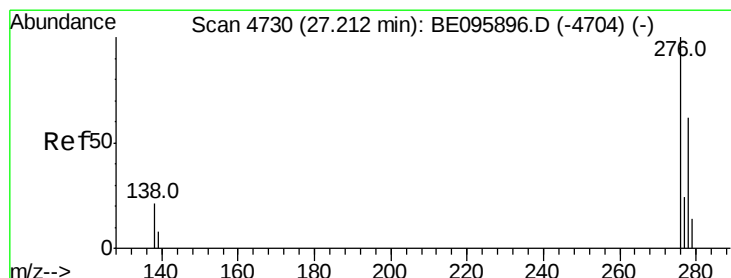
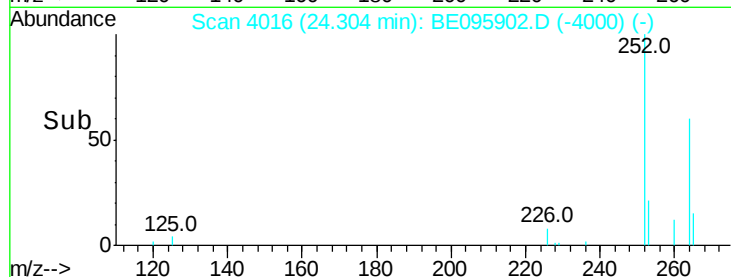
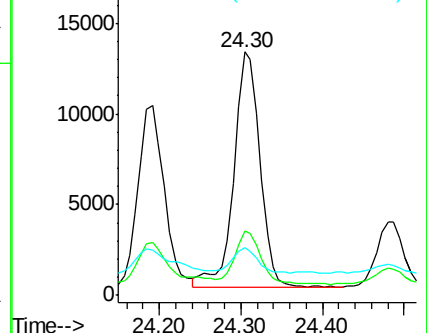
125 19.5 18.1 27.1



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: 0.596 ng/ul

RT: 27.23 min Scan# 4736

Delta R.T. 0.02 min

Lab File: BE095902.D

Acq: 29 Mar 2018 6:15

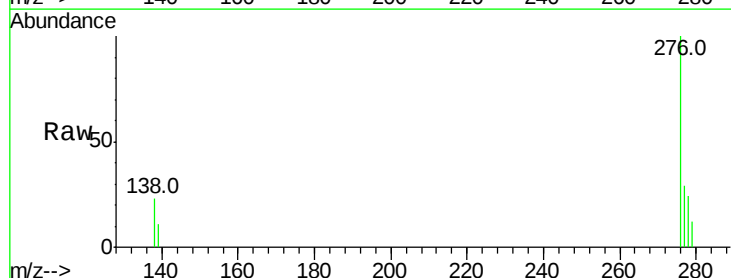
Tgt Ion:276 Resp: 20140

Ion Ratio Lower Upper

276 100

138 18.9 28.0 42.0#

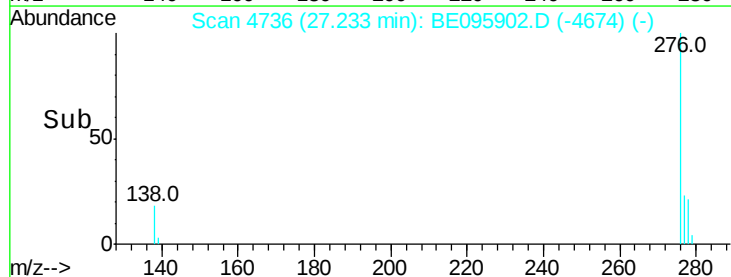
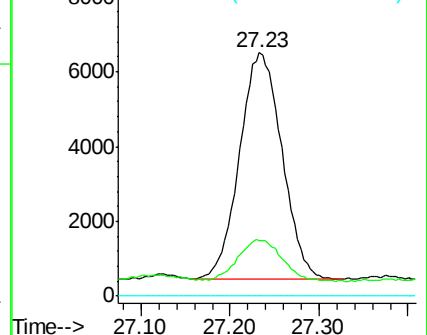
227 0.0 8.0 12.0#

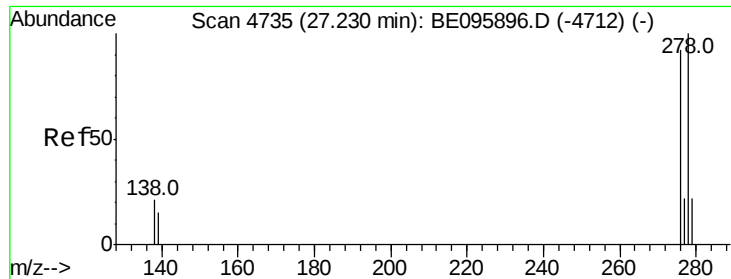


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

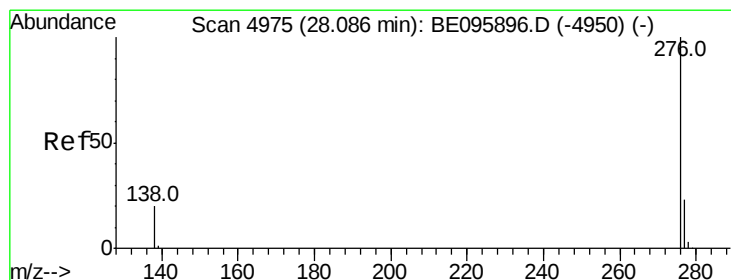
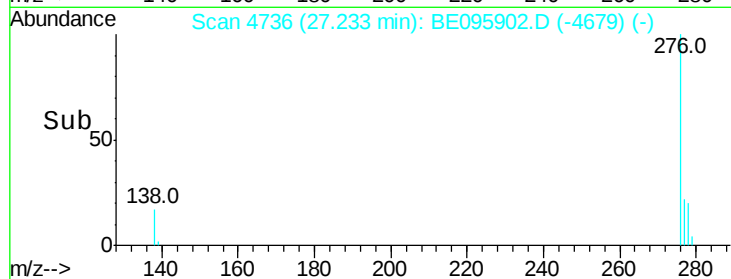
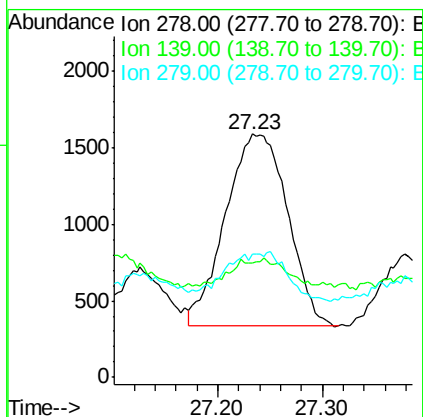
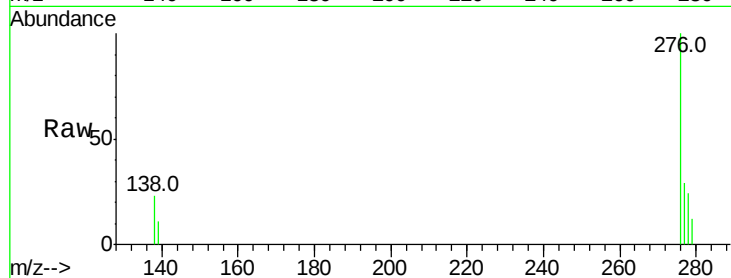




#25
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 5142
Ion Ratio Lower Upper
278 100
139 47.0 17.4 26.0#
279 50.5 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.782 ng/ul
RT: 28.11 min Scan# 4983
Delta R.T. 0.03 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:276 Resp: 22718
Ion Ratio Lower Upper
276 100
138 23.2 21.8 32.8
277 27.9 20.5 30.7

