

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096078.D
 Acq On : 23 Apr 2018 11:00
 Operator : SJ/JU
 Sample : J2356-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 05:21:33 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration

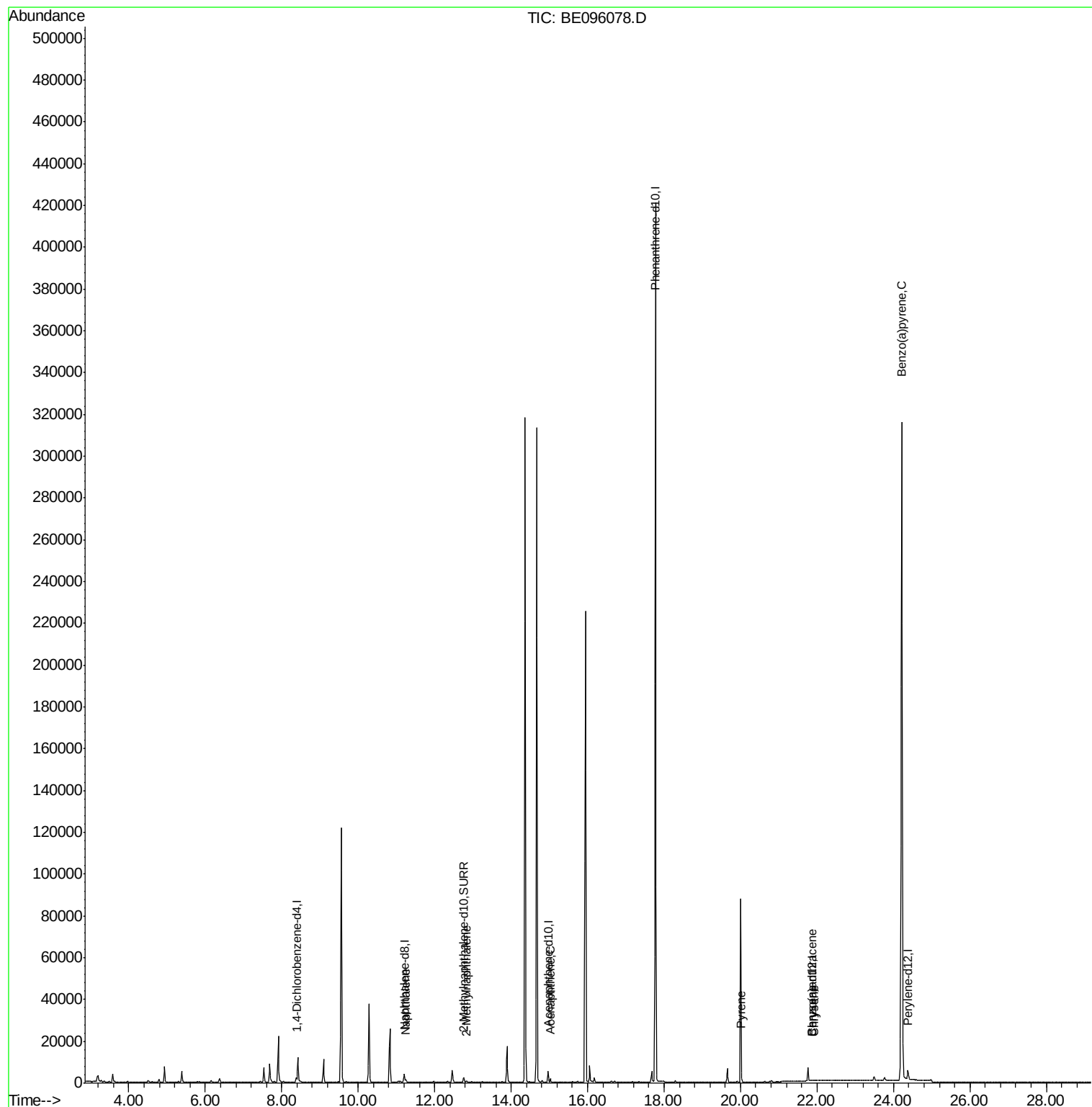
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1825	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5403	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2983	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	485702	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	28	0.40	ng/ul	0.11
20) Perylene-d12	24.38	264	7879	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2952	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	11.25	128	832	0.055	ng/ul#	78
5) 2-Methylnaphthalene	12.83	142	444	0.043	ng/ul	95
8) Acenaphthene	15.02	153	1697	0.153	ng/ul#	26
17) Pyrene	20.02	202	606	6.369	ng/ul#	1
18) Benzo(a)anthracene	21.86	228	14	0.124	ng/ul#	1
19) Chrysene	21.92	228	35	0.430	ng/ul#	1
23) Benzo(a)pyrene	24.21	252	1888	0.077	ng/ul#	77

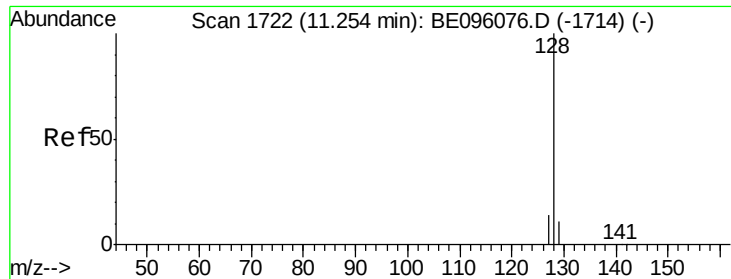
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.055 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096078.D

Acq: 23 Apr 2018 11:00

Instrument :

BNA_E

ClientSampleId :

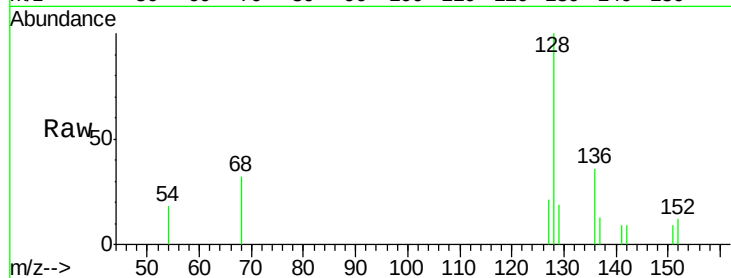
Tot Ion:128 Resp: 832

Ion Ratio Lower Upper

128 100

129 19.1 11.3 16.9#

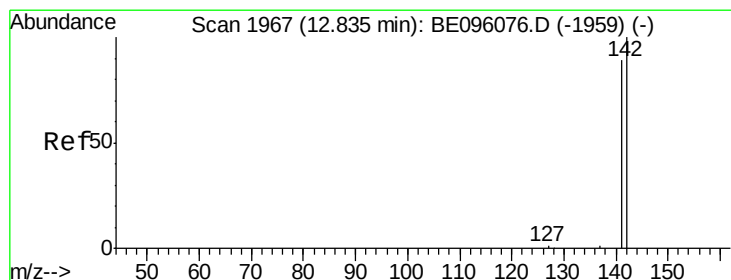
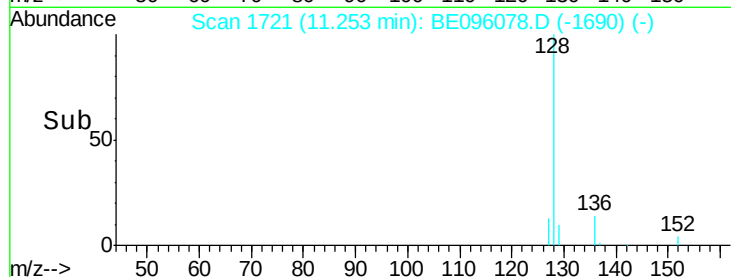
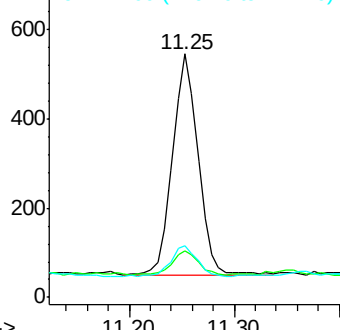
127 21.1 4.0 6.0#



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: 0.043 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096078.D

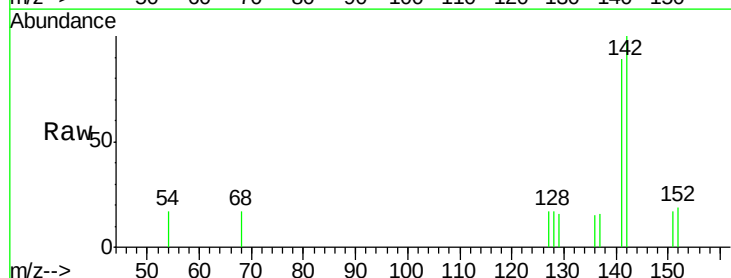
Acq: 23 Apr 2018 11:00

Tgt Ion:142 Resp: 444

Ion Ratio Lower Upper

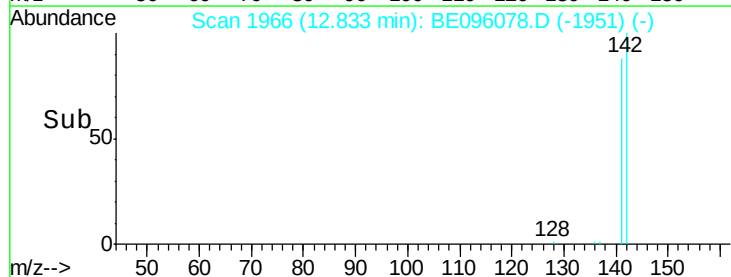
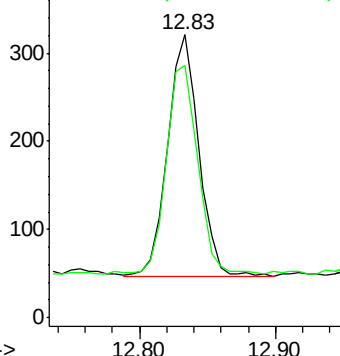
142 100

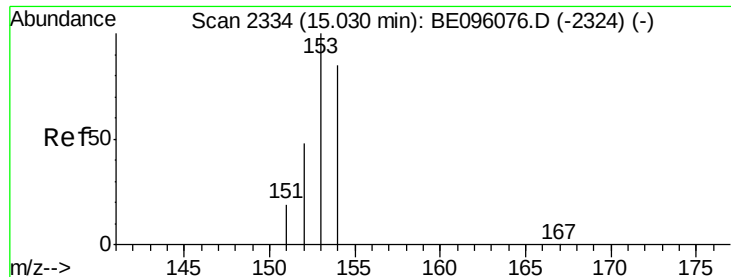
141 86.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.153 ng/ul

RT: 15.02 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BE096078.D

Acq: 23 Apr 2018 11:00

Instrument :

BNA_E

ClientSampleId :

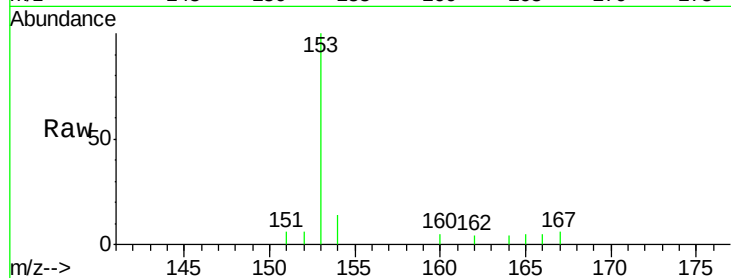
Tot Ion:153 Resp: 1697

Ion Ratio Lower Upper

153 100

152 6.1 36.0 54.0#

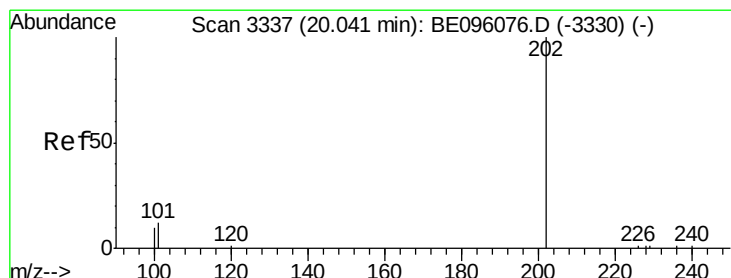
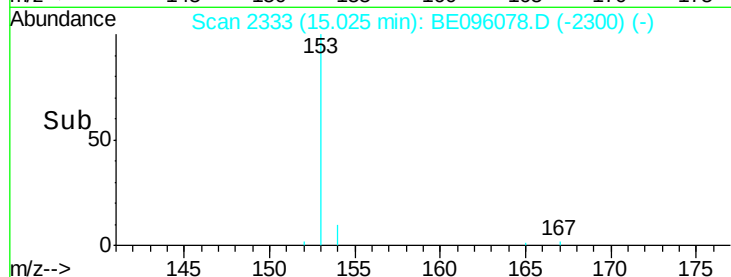
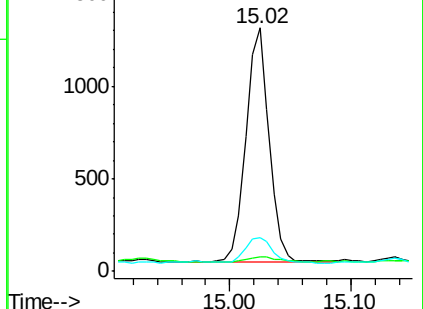
154 13.7 72.0 108.0#



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



#17

Pyrene

Concen: 6.369 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BE096078.D

Acq: 23 Apr 2018 11:00

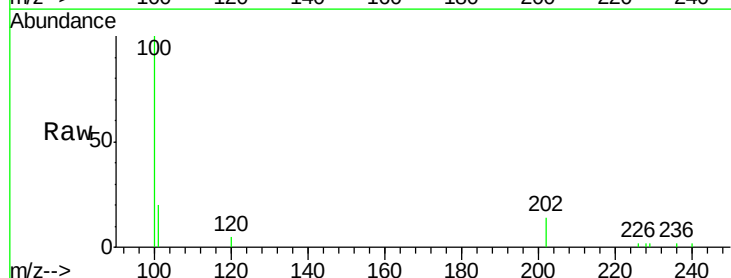
Tgt Ion:202 Resp: 606

Ion Ratio Lower Upper

202 100

101 143.0 18.2 27.4#

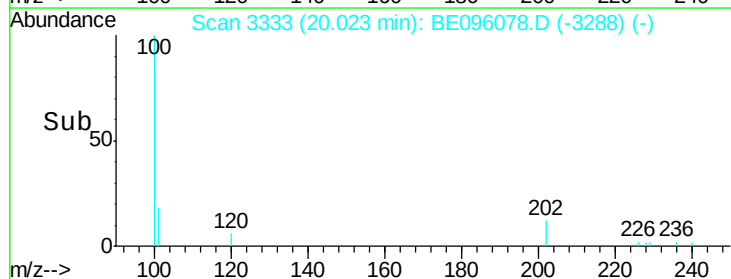
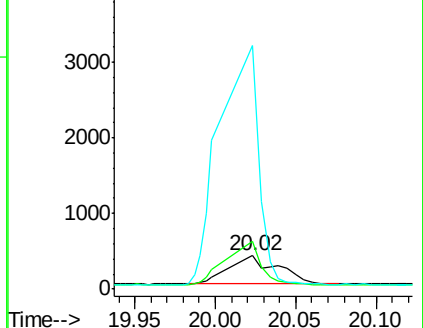
100 729.2 15.6 23.4#

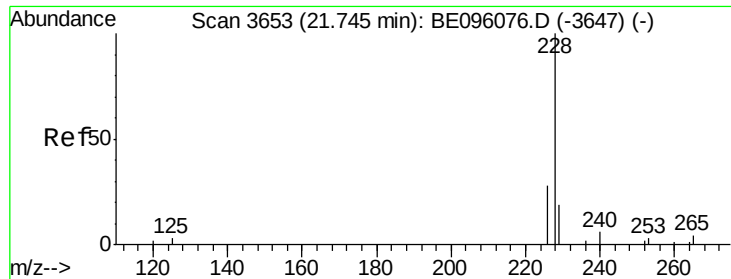


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.124 ng/ul

RT: 21.86 min Scan# 3668

Delta R.T. 0.11 min

Lab File: BE096078.D

Acq: 23 Apr 2018 11:00

Instrument :

BNA_E

ClientSampleId :

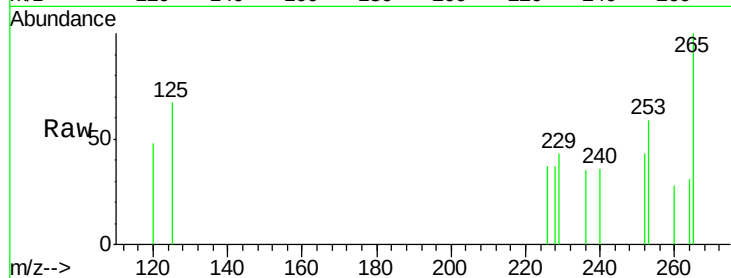
Tot Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

229 116.3 22.8 34.2#

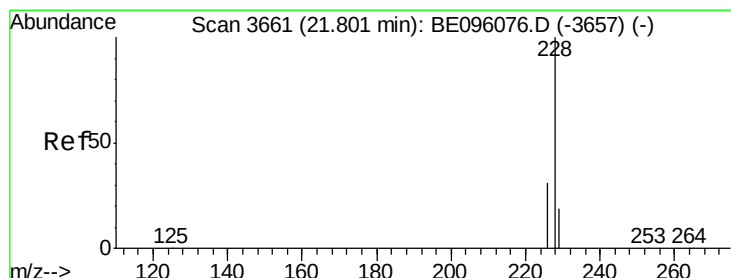
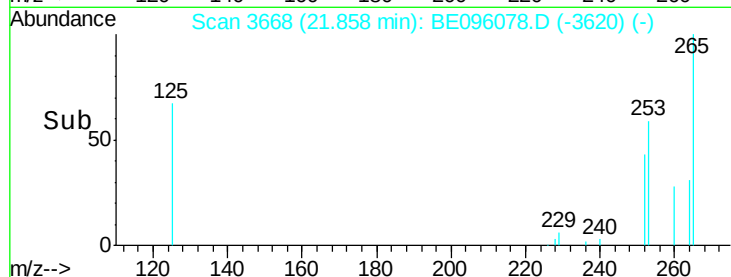
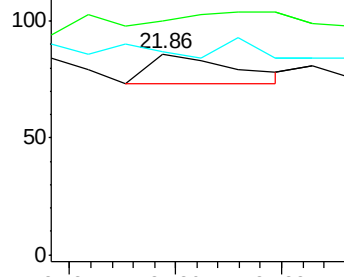
226 101.2 17.0 25.6#



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: 0.430 ng/ul

RT: 21.92 min Scan# 3677

Delta R.T. 0.12 min

Lab File: BE096078.D

Acq: 23 Apr 2018 11:00

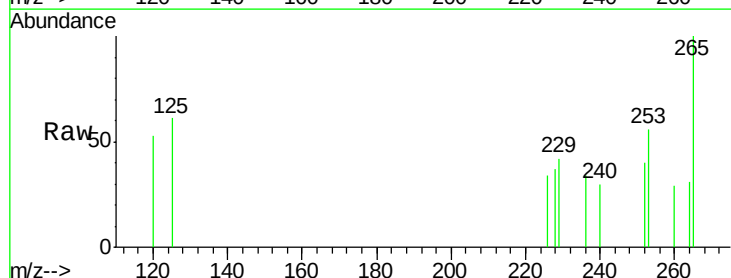
Tgt Ion:228 Resp: 35

Ion Ratio Lower Upper

228 100

226 92.0 23.4 35.0#

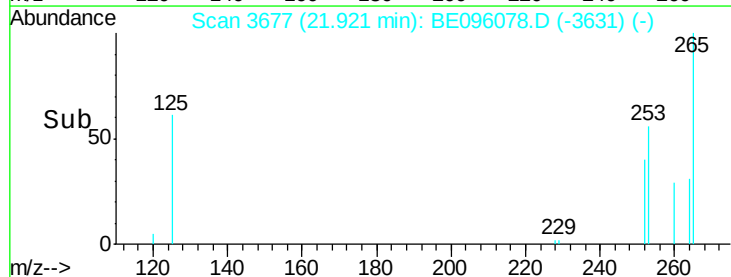
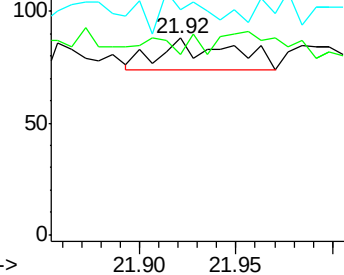
229 114.8 17.7 26.5#

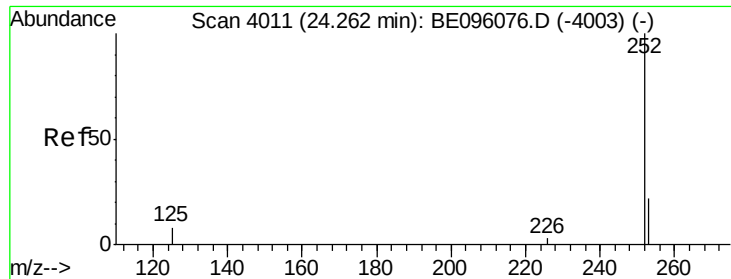


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(a)pyrene

Concen: 0.077 ng/ul

RT: 24.21 min Scan# 4003

Delta R.T. -0.05 min

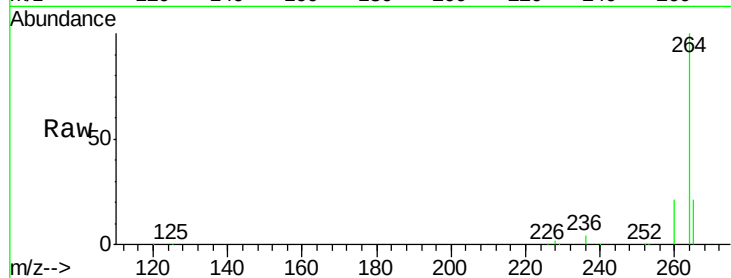
Lab File: BE096078.D

Acq: 23 Apr 2018 11:00

Instrument :

BNA_E

ClientSampleId :



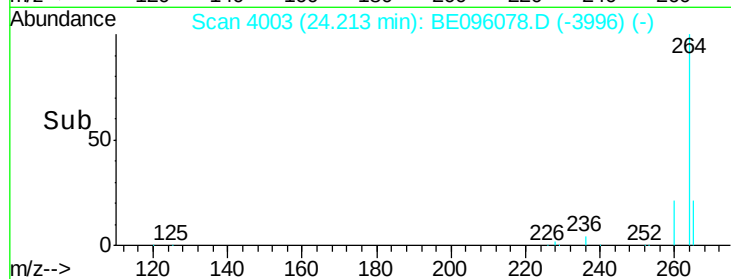
Tot Ion: 252 Resp: 1888

Ion Ratio Lower Upper

252 100

253 44.5 28.5 42.7#

125 39.6 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

