

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012018\
 Data File : BE095083.D
 Acq On : 20 Jan 2018 11:11
 Operator : SJ/JU
 Sample : J1216-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 22 04:29:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

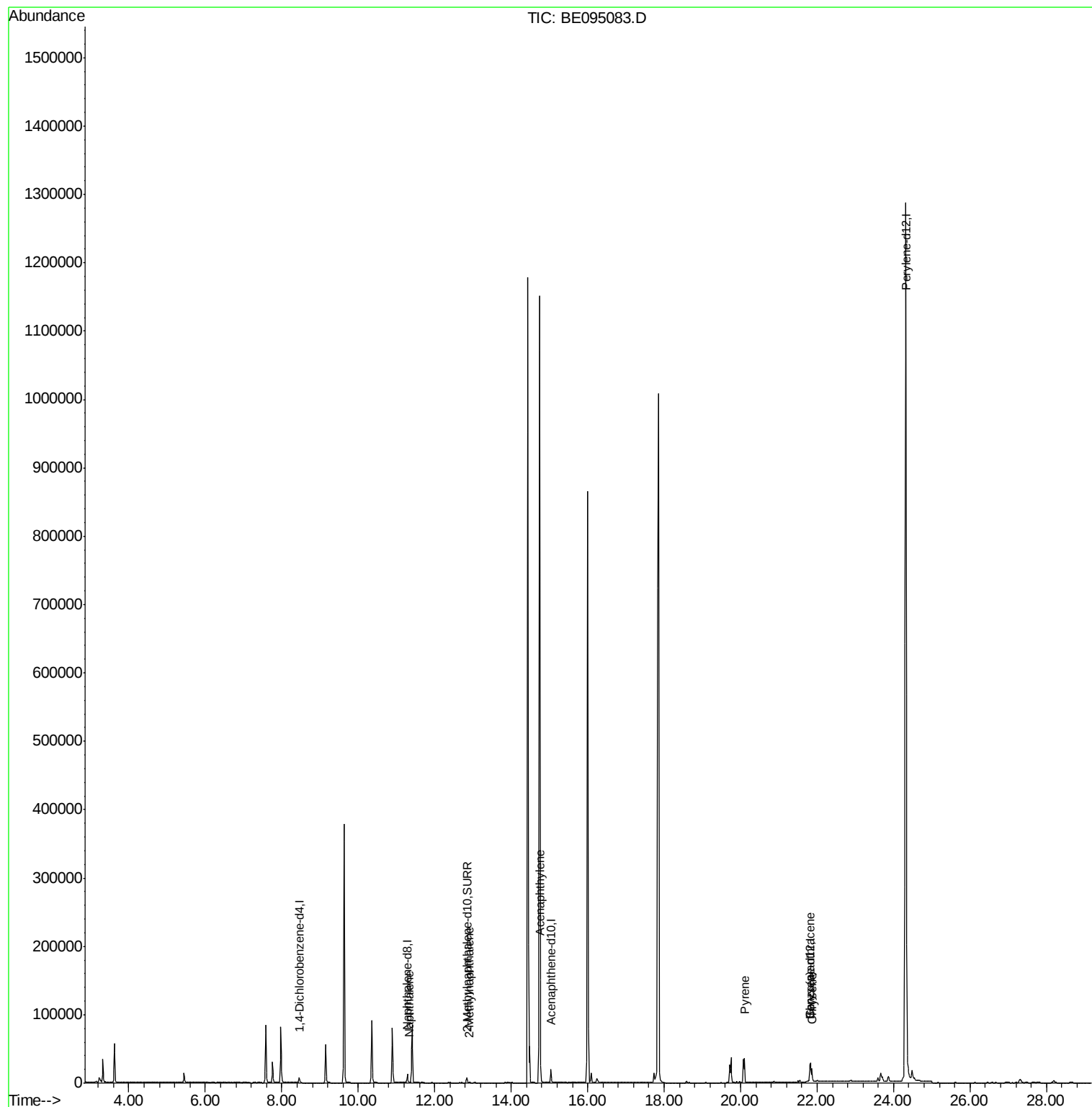
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4951	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	16147	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	10181	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.73
16) Chrysene-d12	21.83	240	22508	0.40	ng/ul	0.00
20) Perylene-d12	24.32	264	1556427	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	9994	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	28563	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.33	128	1331	0.031	ng/ul#	80
5) 2-Methylnaphthalene	12.91	142	414	0.014	ng/ul	100
7) Acenaphthylene	14.77	152	3377	0.074	ng/ul	98
17) Pyrene	20.10	202	39373	0.481	ng/ul#	83
18) Benzo(a)anthracene	21.81	228	24528	0.394	ng/ul#	86
19) Chrysene	21.87	228	19386	0.279	ng/ul	98

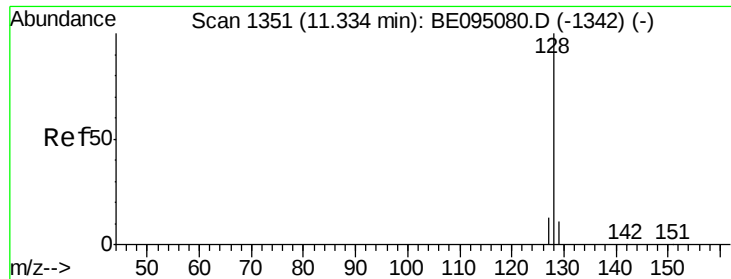
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.031 ng/ul

RT: 11.33 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE095083.D

Acq: 20 Jan 2018 11:11

Instrument :

BNA_E

ClientSampleId :

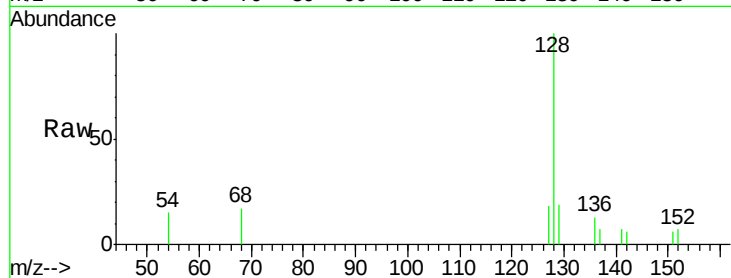
Tot Ion:128 Resp: 1331

Ion Ratio Lower Upper

128 100

129 19.5 11.3 16.9#

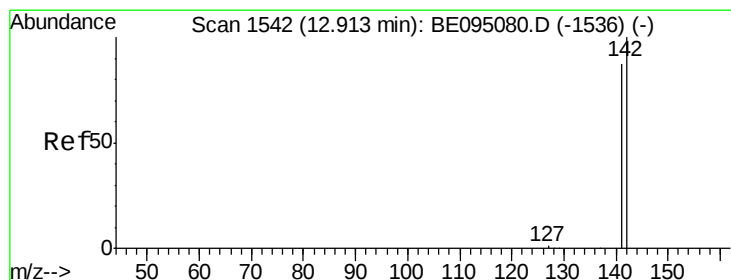
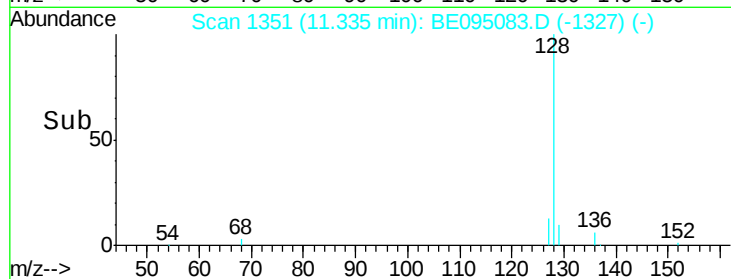
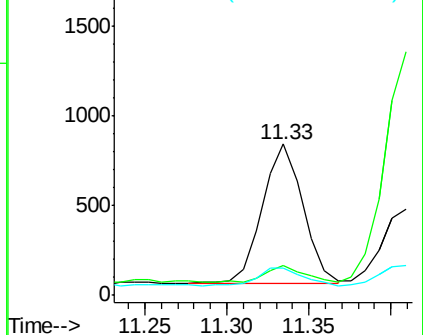
127 18.3 4.0 6.0#



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: 0.014 ng/ul

RT: 12.91 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE095083.D

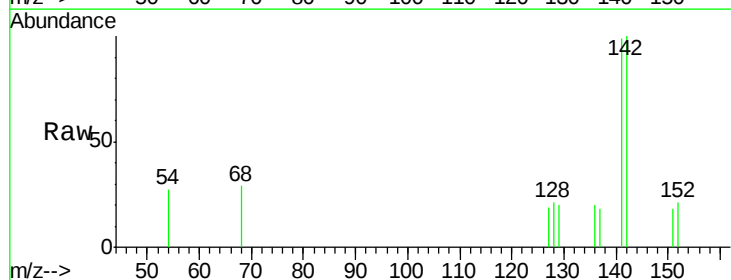
Acq: 20 Jan 2018 11:11

Tgt Ion:142 Resp: 414

Ion Ratio Lower Upper

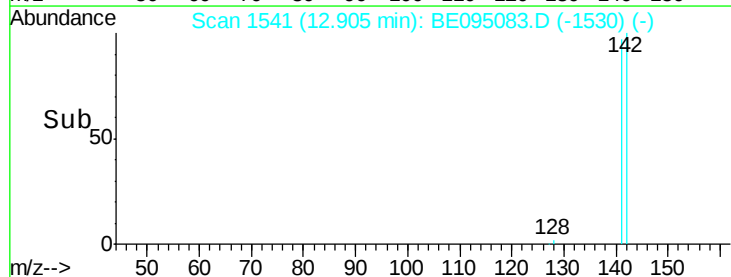
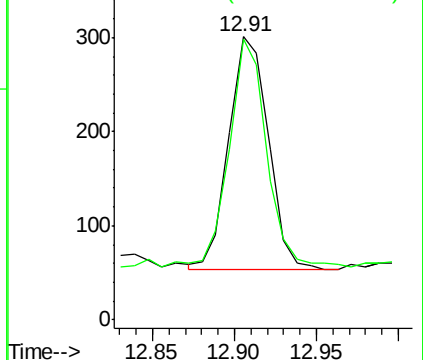
142 100

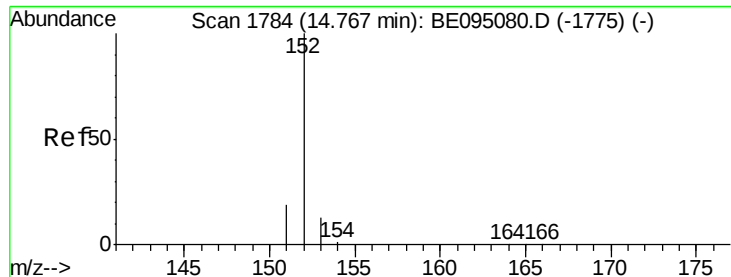
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE095083.D

Acq: 20 Jan 2018 11:11

Instrument :

BNA_E

ClientSampleId :

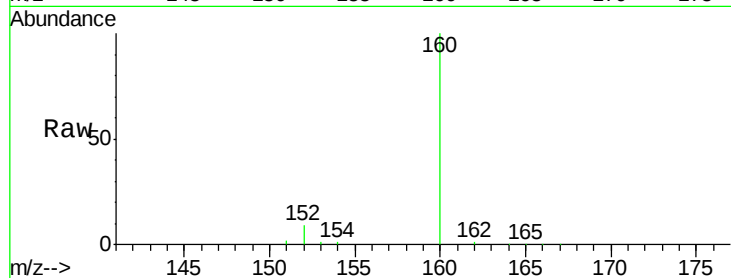
Tot Ion:152 Resp: 3377

Ion Ratio Lower Upper

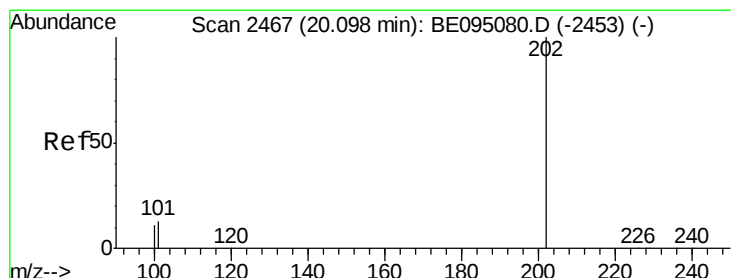
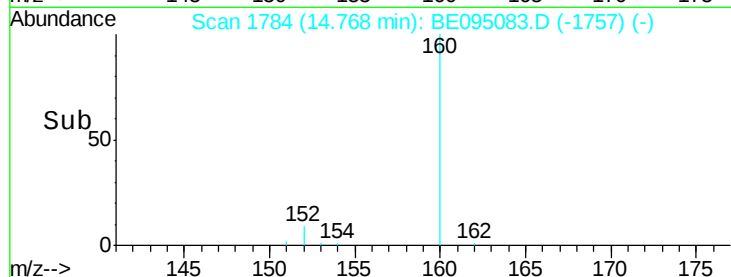
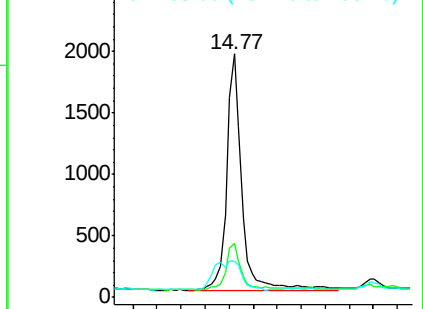
152 100

151 22.3 17.1 25.7

153 15.1 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



#17

Pyrene

Concen: 0.481 ng/ul

RT: 20.10 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BE095083.D

Acq: 20 Jan 2018 11:11

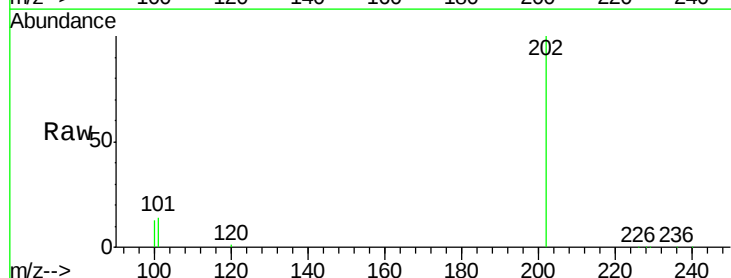
Tgt Ion:202 Resp: 39373

Ion Ratio Lower Upper

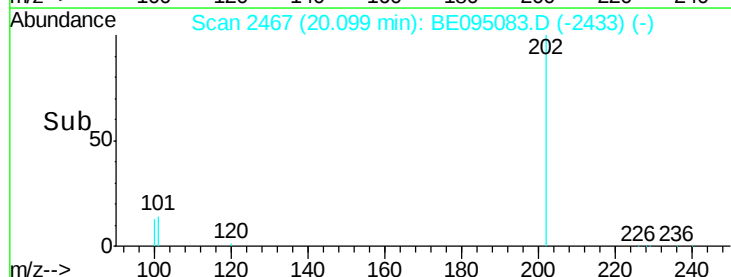
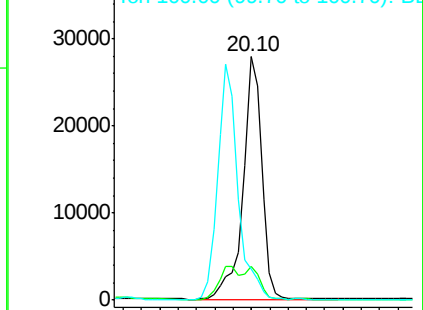
202 100

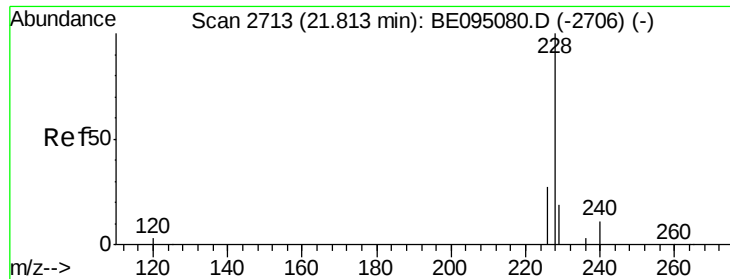
101 13.8 18.2 27.4#

100 13.0 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: 0.394 ng/ul

RT: 21.81 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BE095083.D

Acq: 20 Jan 2018 11:11

Instrument :

BNA_E

ClientSampleId :

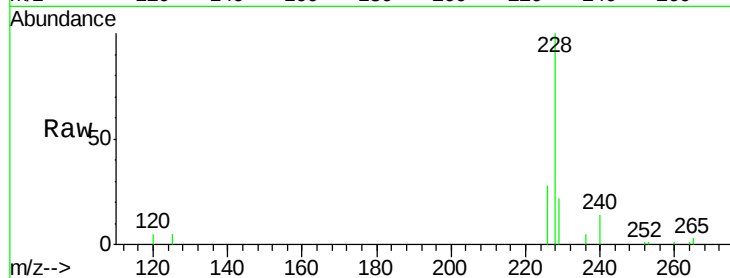
Tot Ion:228 Resp: 24528

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

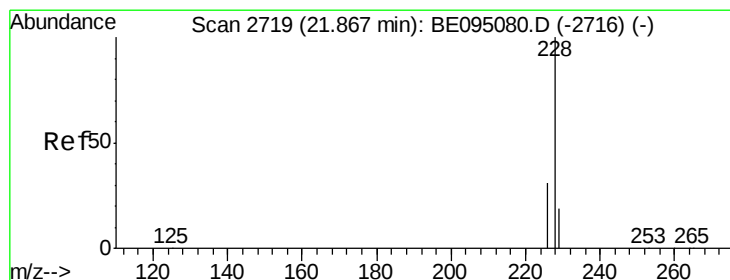
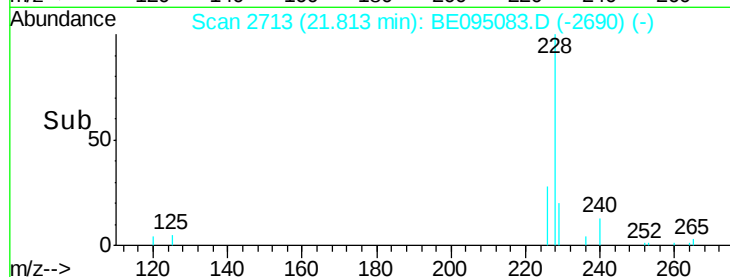
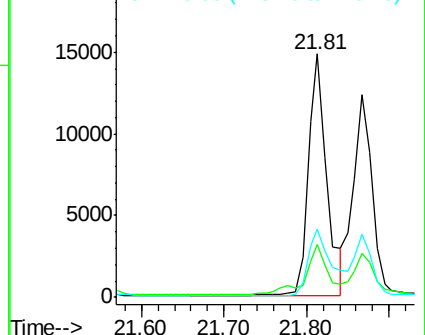
226 28.2 17.0 25.6#



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: 0.279 ng/ul

RT: 21.87 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE095083.D

Acq: 20 Jan 2018 11:11

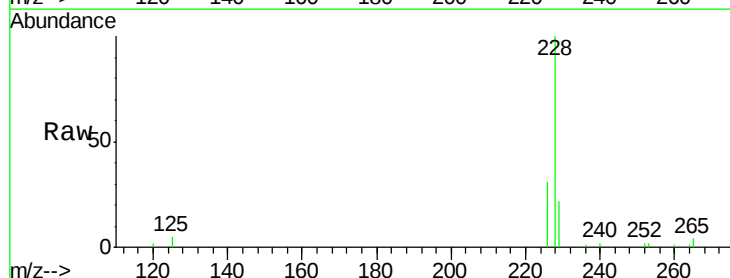
Tgt Ion:228 Resp: 19386

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.0

229 21.8 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

