

Data File : BN003834.D
Acq On : 12 Dec 2018 02:37
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y12

Quant Time: Dec 12 03:49:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5079	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10716	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1055923	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	53	0.40	ng/ul	0.10
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.71

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	8657	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	249	0.00	ng/ul	0.09

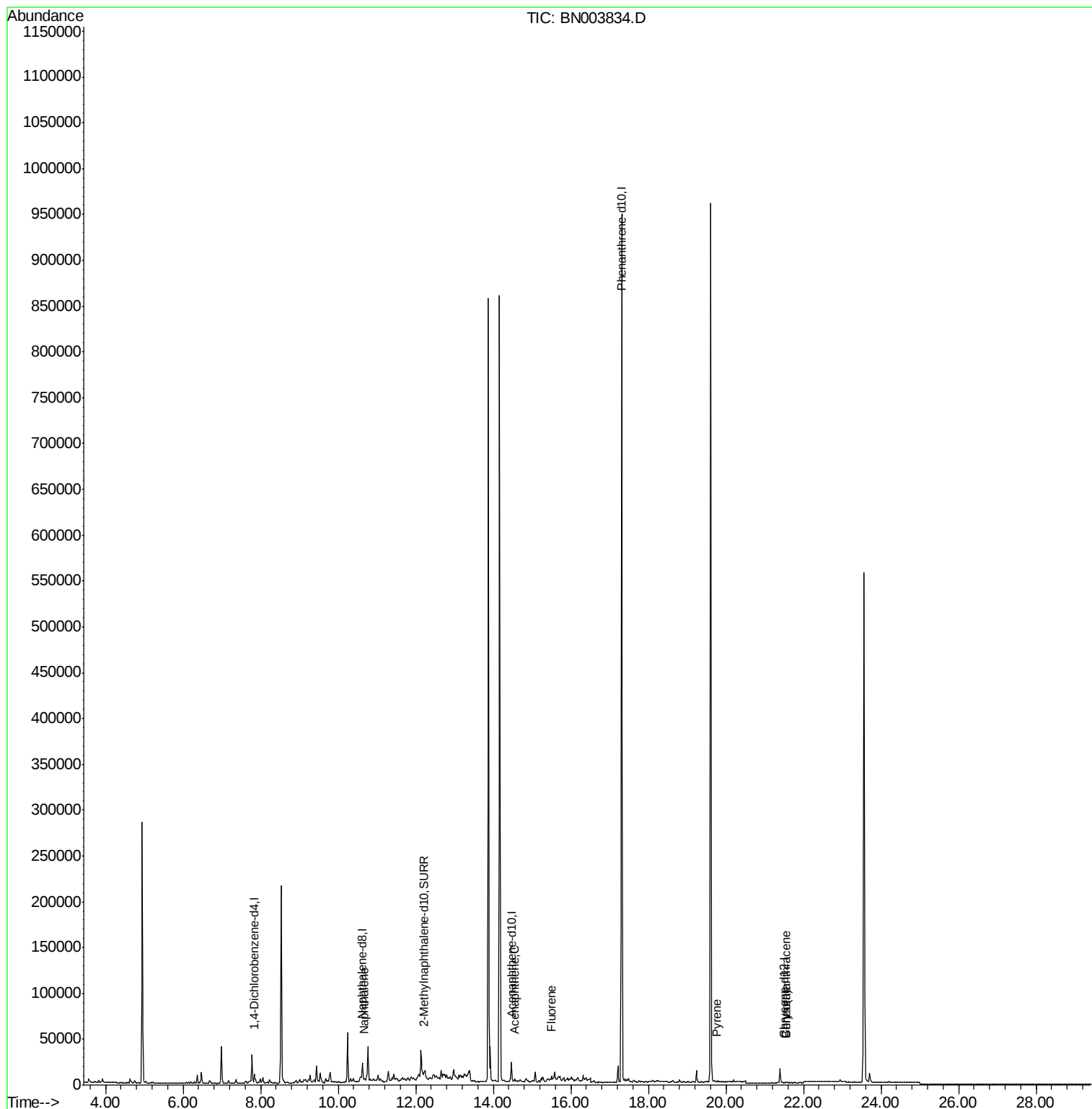
Target Compounds				Qvalue		
3) Naphthalene	10.67	128	1449	0.026	ng/ul#	1
8) Acenaphthene	14.55	153	1241	0.029	ng/ul#	51
9) Fluorene	15.51	166	2174	0.044	ng/ul#	69
17) Pyrene	19.75	202	198	1.042	ng/ul#	15
18) Benzo(a)anthracene	21.55	228	142	0.848	ng/ul#	1
19) Chrysene	21.55	228	156	0.814	ng/ul#	1

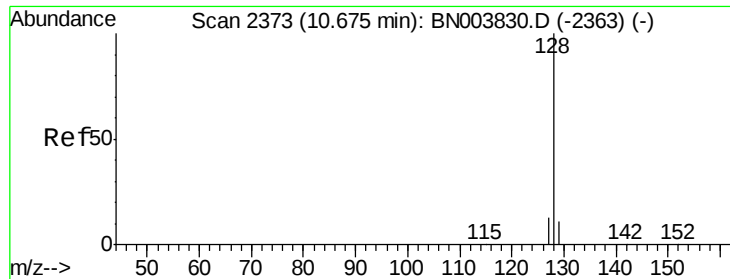
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. -0.01 min

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Instrument :

BNA_N

ClientSampleId :

F9Y12

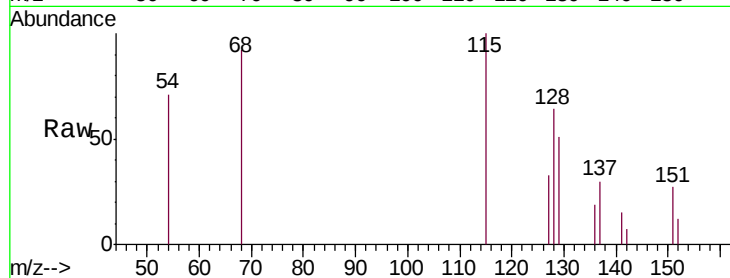
Tgt Ion:128 Resp: 1449

Ion Ratio Lower Upper

128 100

129 79.9 9.0 13.6#

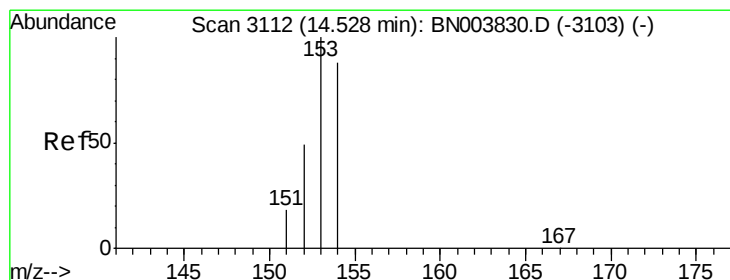
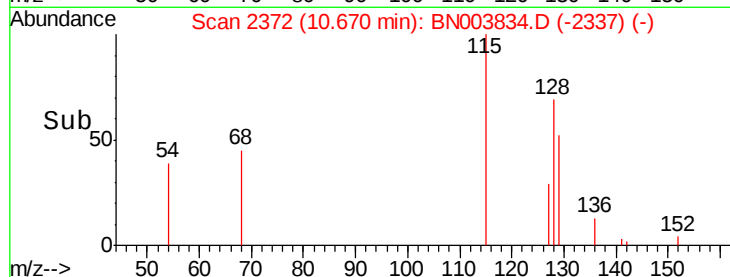
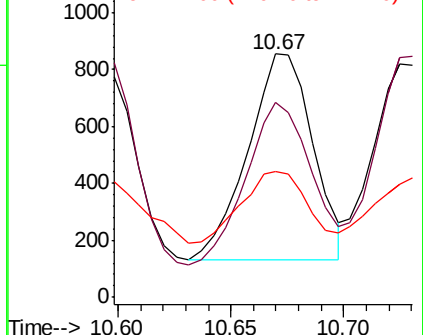
127 51.6 10.5 15.7#



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



#8

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.55 min Scan# 3116

Delta R.T. 0.02 min

Lab File: BN003834.D

Acq: 12 Dec 2018 02:37

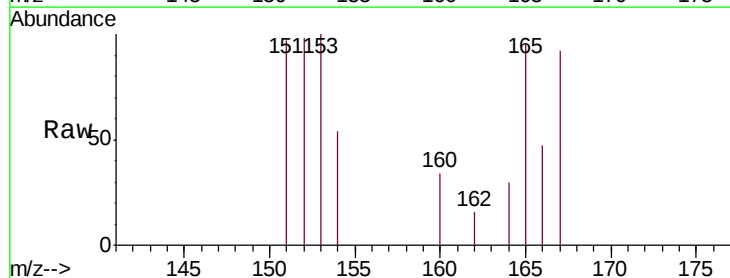
Tgt Ion:153 Resp: 1241

Ion Ratio Lower Upper

153 100

152 98.3 39.3 58.9#

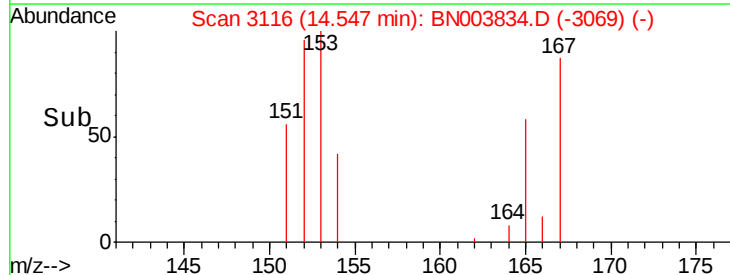
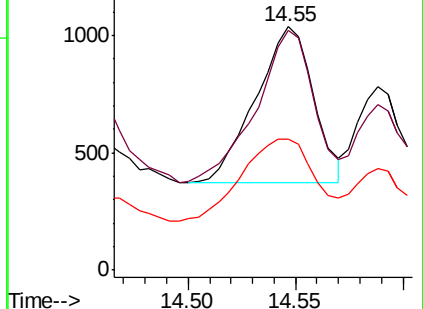
154 53.8 70.3 105.5#

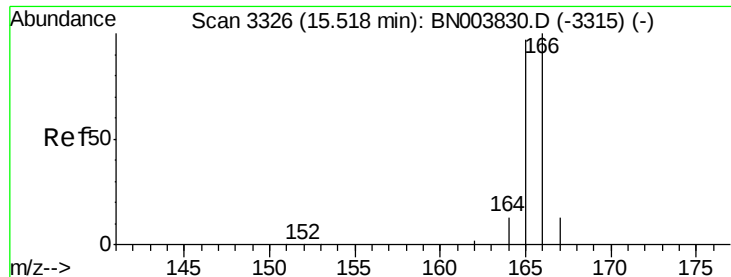


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.044 ng/ul

RT: 15.51 min Scan# 3325

Delta R.T. -0.00 min

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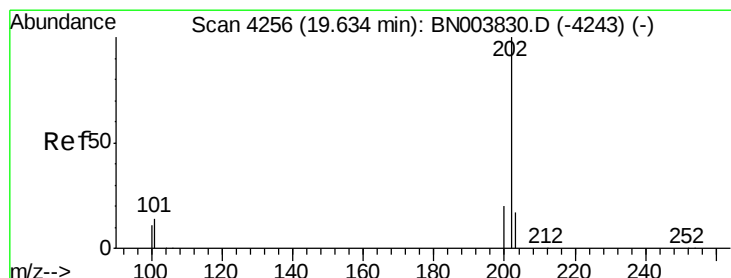
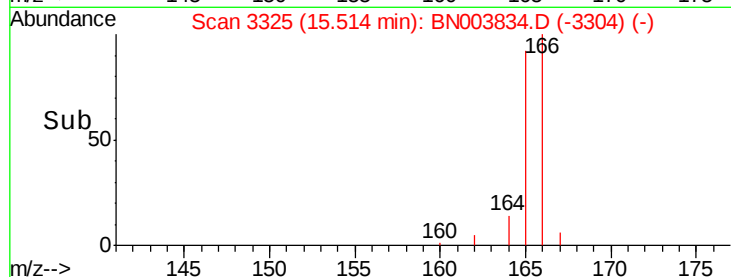
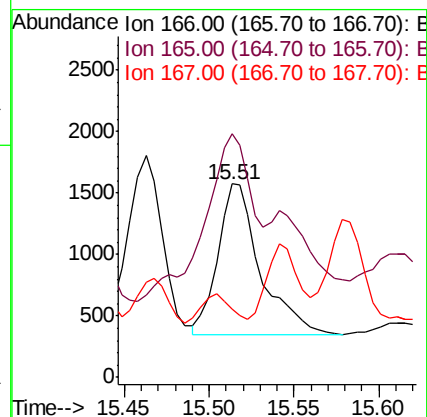
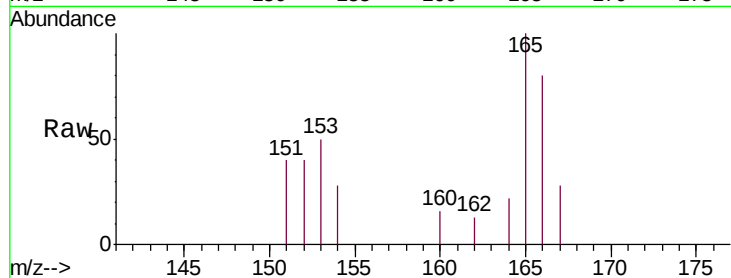
Tgt Ion:166 Resp: 2174

Ion Ratio Lower Upper

166 100

165 125.8 78.3 117.5#

167 35.3 11.3 16.9#



#17

Pyrene

Concen: 1.042 ng/ul

RT: 19.75 min Scan# 4281

Delta R.T. 0.12 min

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Acq: 12 Dec 2018 02:37

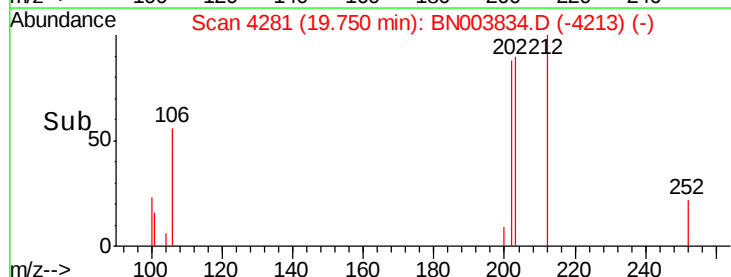
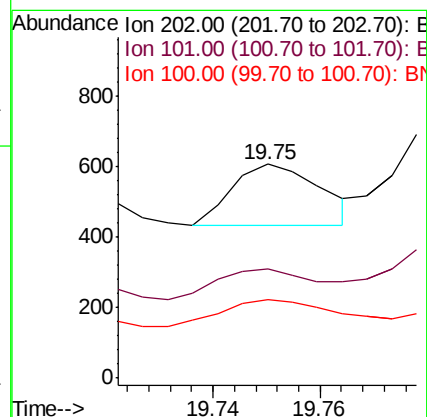
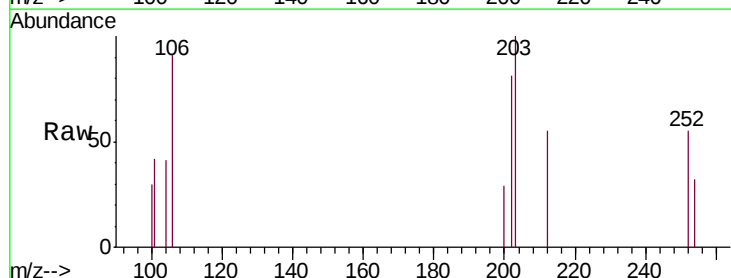
Tgt Ion:202 Resp: 198

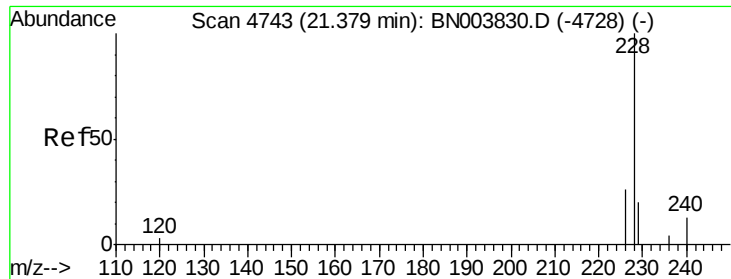
Ion Ratio Lower Upper

202 100

101 51.3 10.3 15.5#

100 37.0 8.5 12.7#





#18

Benzo(a)anthracene

Concen: 0.848 ng/ul

RT: 21.55 min Scan# 4800

Delta R.T. 0.17 min

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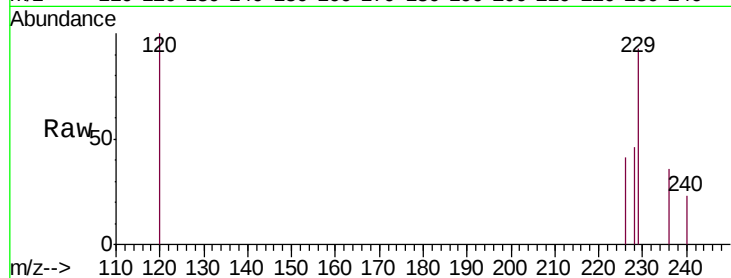
Tgt Ion:228 Resp: 142

Ion Ratio Lower Upper

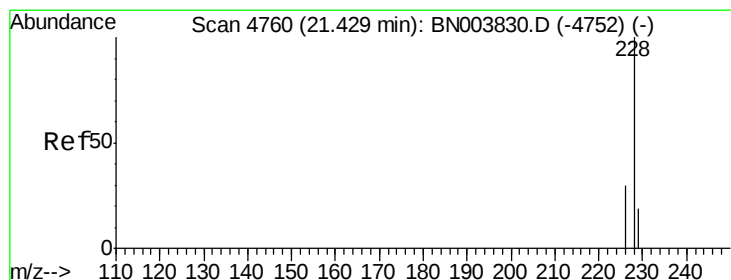
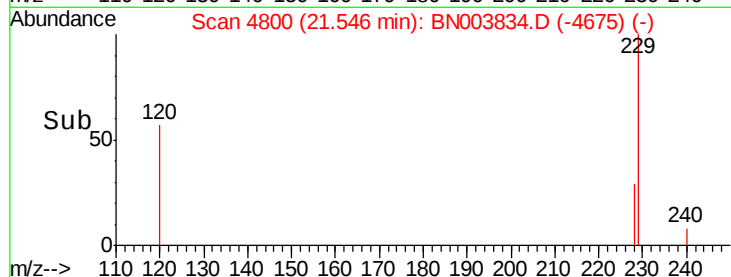
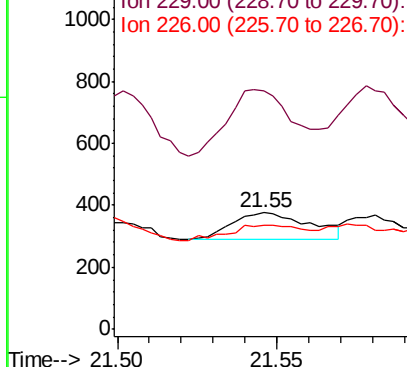
228 100

229 204.3 15.6 23.4#

226 88.8 21.1 31.7#



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: 0.814 ng/ul

RT: 21.55 min Scan# 4800

Delta R.T. 0.12 min

Lab File: BN003834.D

Acq: 12 Dec 2018 02:37

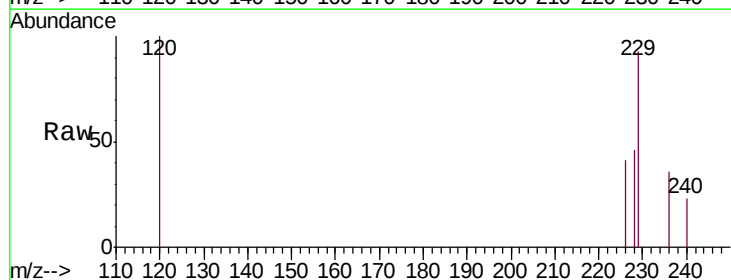
Tgt Ion:228 Resp: 156

Ion Ratio Lower Upper

228 100

226 88.8 24.0 36.0#

229 204.3 15.7 23.5#



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

