

Data File : BN003985.D
Acq On : 16 Dec 2018 07:41
Operator : JU/SJ
Sample : J6171-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y05

Quant Time: Dec 17 00:17:07 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 : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2973	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	13478	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	780399	0.40	ng/ul	0.11
16) Chrysene-d12	21.52	240	148	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.71

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4253	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	409	0.00	ng/ul	0.10

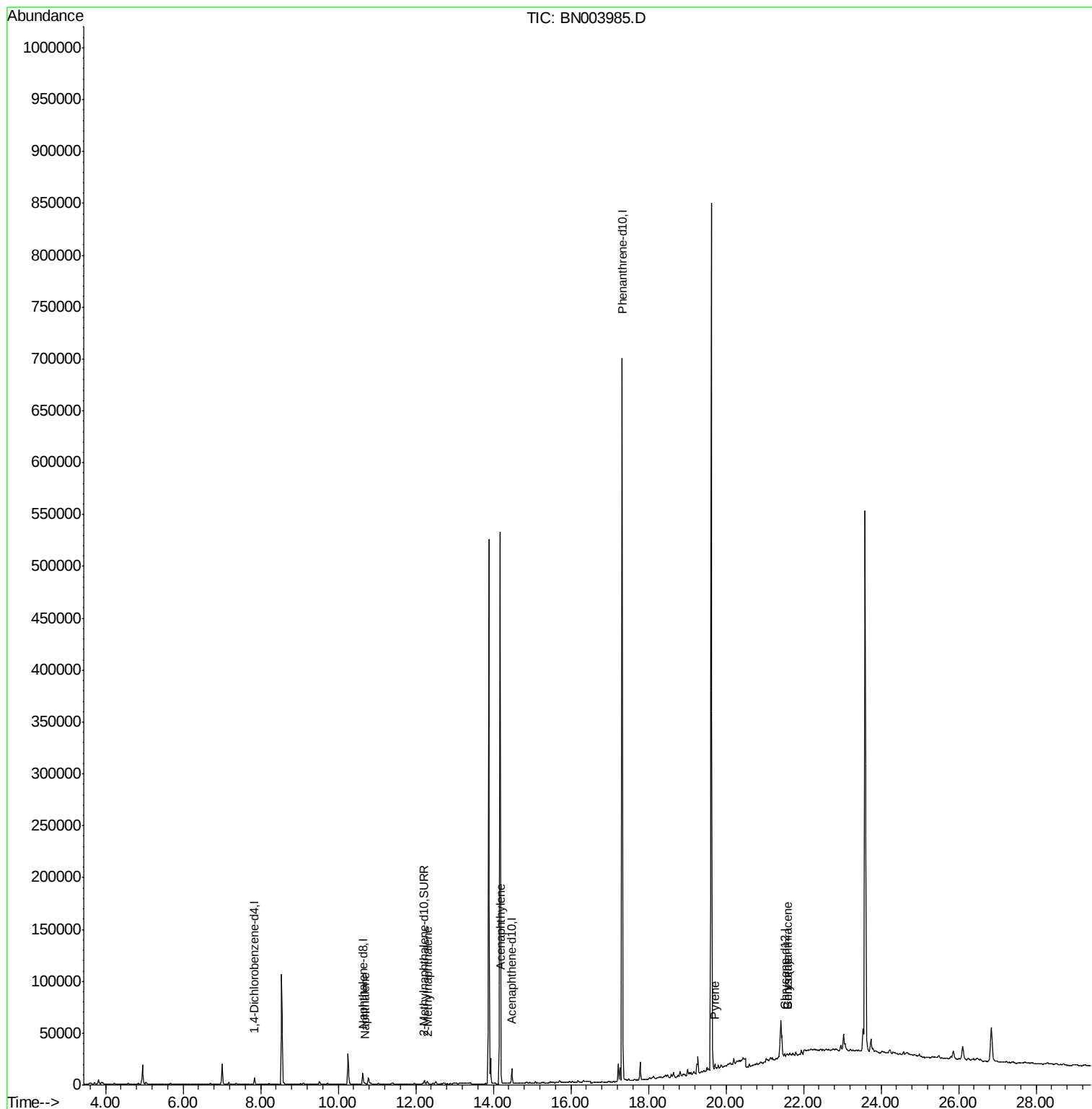
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	1004	0.027	ng/ul#	65
5) 2-Methylnaphthalene	12.30	142	1854	0.070	ng/ul	97
7) Acenaphthylene	14.20	152	1887	0.052	ng/ul#	72
17) Pyrene	19.71	202	2820	5.313	ng/ul#	52
18) Benzo(a)anthracene	21.58	228	2450	5.241	ng/ul#	1
19) Chrysene	21.58	228	2276	4.255	ng/ul#	1

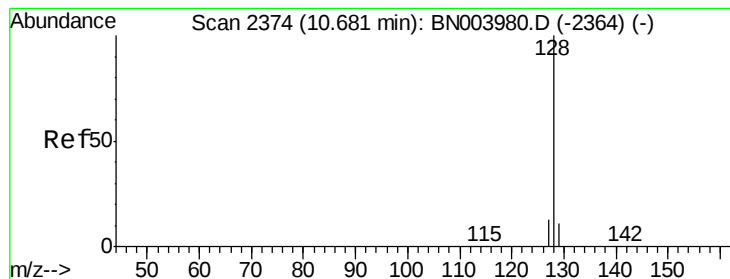
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

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BNA_N

ClientSampleId :

F9Y05

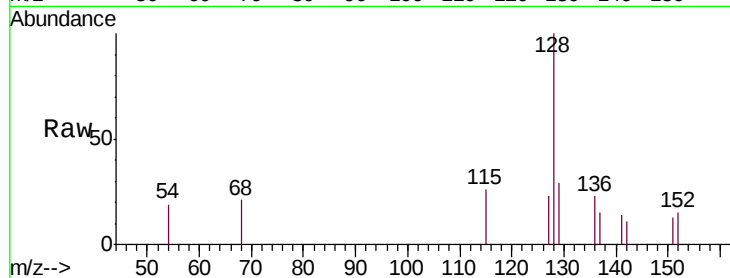
Tgt Ion:128 Resp: 1004

Ion Ratio Lower Upper

128 100

129 29.2 9.0 13.6#

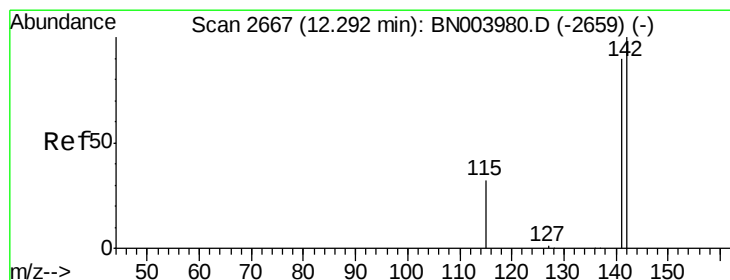
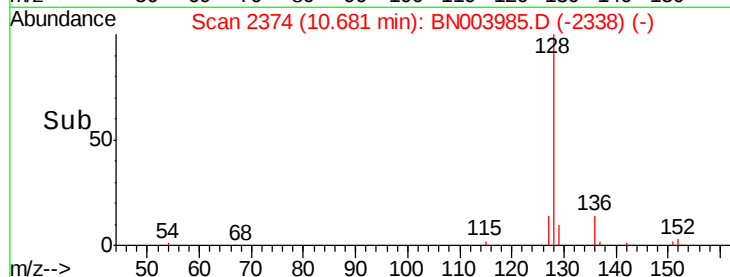
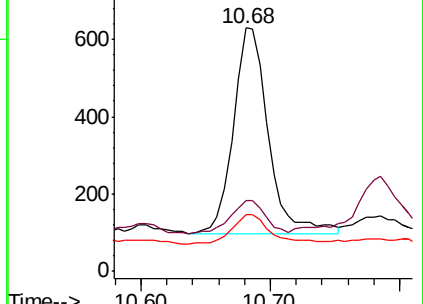
127 23.2 10.5 15.7#



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



#5

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BN003985.D

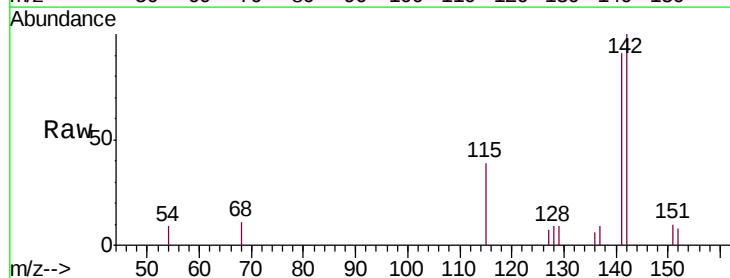
Acq: 16 Dec 2018 07:41

Tgt Ion:142 Resp: 1854

Ion Ratio Lower Upper

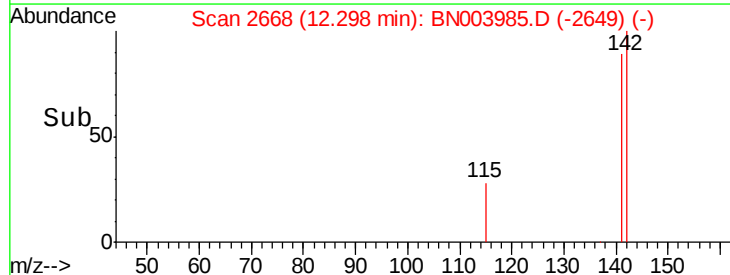
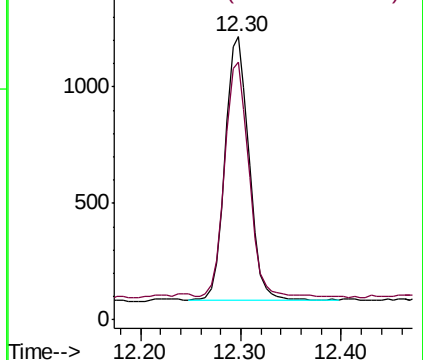
142 100

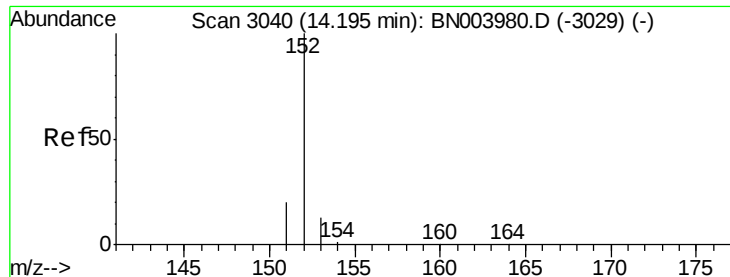
141 92.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

ClientSampleId :

F9Y05

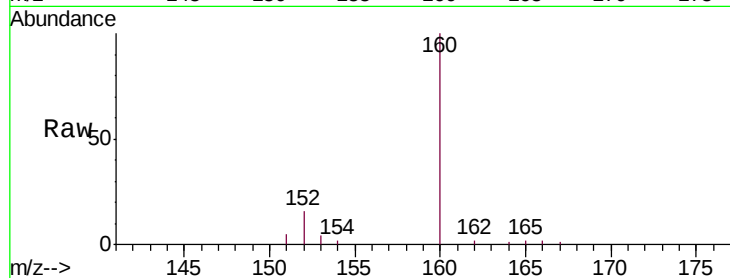
Tgt Ion:152 Resp: 1887

Ion Ratio Lower Upper

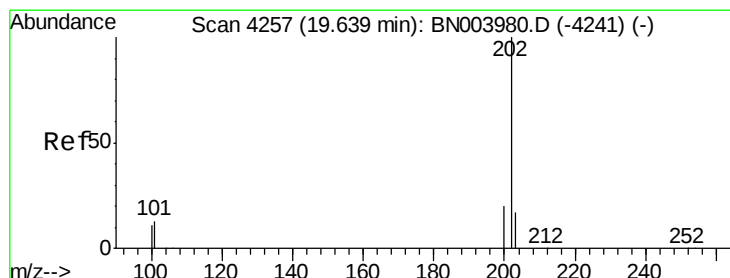
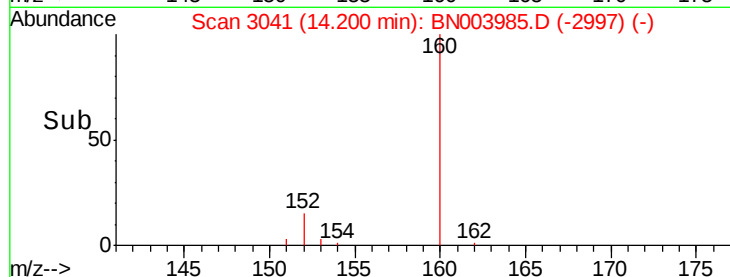
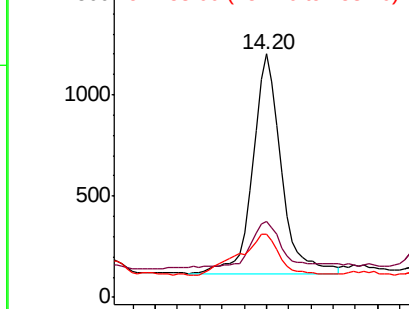
152 100

151 31.4 15.9 23.9#

153 26.0 10.7 16.1#



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: 5.313 ng/ul

RT: 19.71 min Scan# 4273

Delta R.T. 0.07 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

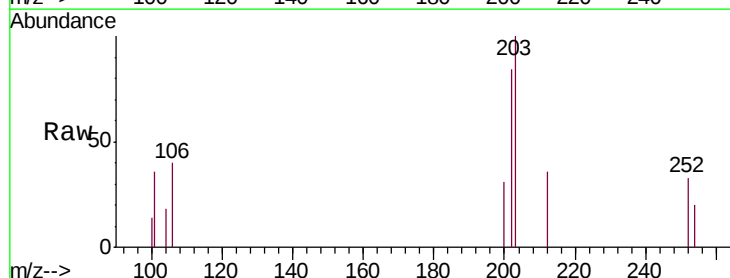
Tgt Ion:202 Resp: 2820

Ion Ratio Lower Upper

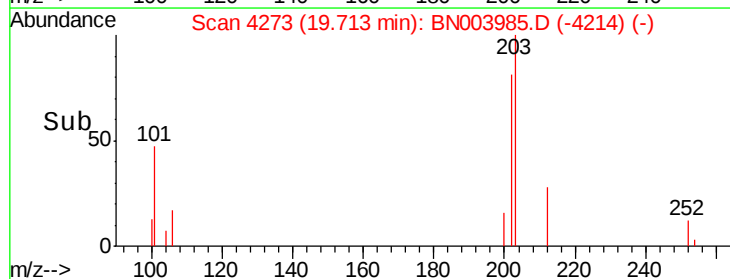
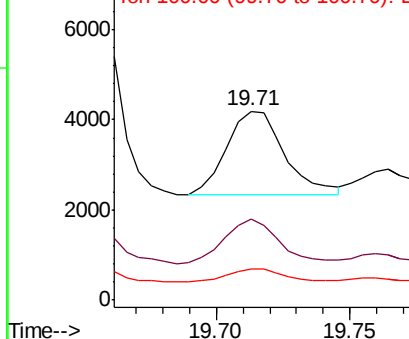
202 100

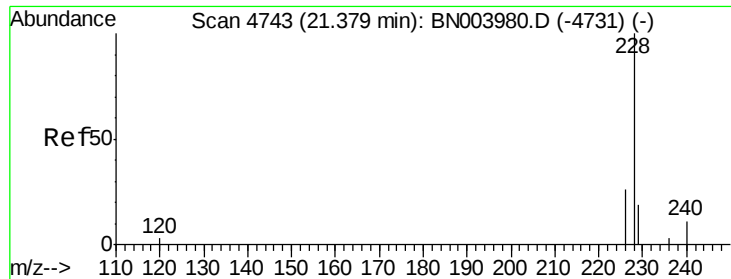
101 42.7 10.3 15.5#

100 16.3 8.5 12.7#



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): B





#18

Benzo(a)anthracene

Concen: 5.241 ng/ul

RT: 21.58 min Scan# 4813

Delta R.T. 0.20 min

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Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

ClientSampleId :

F9Y05

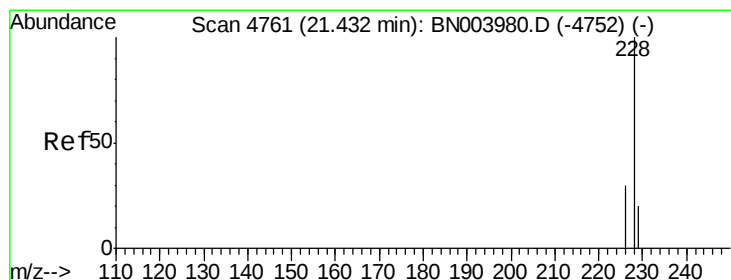
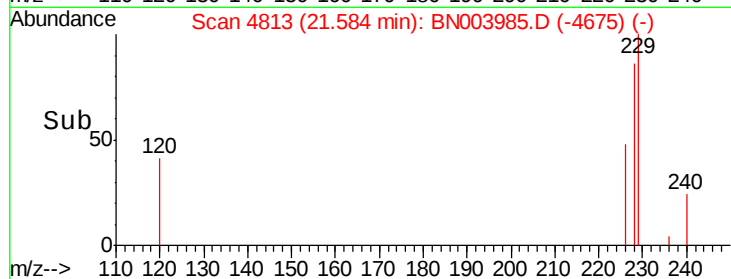
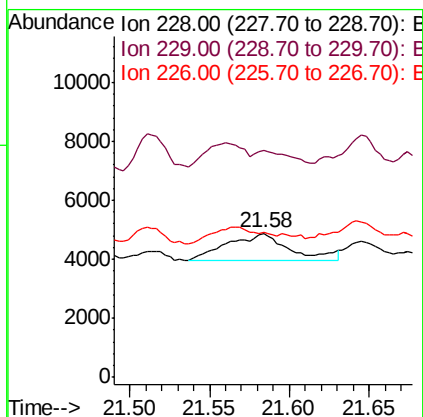
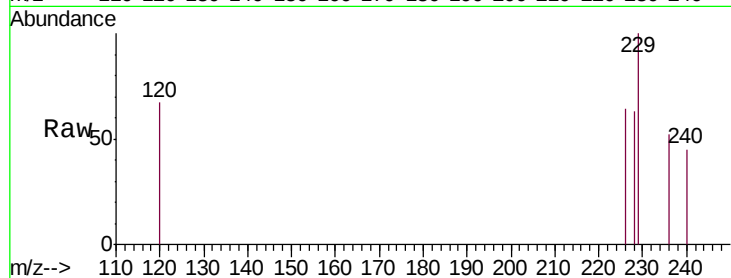
Tgt Ion:228 Resp: 2450

Ion Ratio Lower Upper

228 100

229 157.7 15.6 23.4#

226 100.7 21.1 31.7#



#19

Chrysene

Concen: 4.255 ng/ul

RT: 21.58 min Scan# 4813

Delta R.T. 0.15 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Tgt Ion:228 Resp: 2276

Ion Ratio Lower Upper

228 100

226 100.7 24.0 36.0#

229 157.7 15.7 23.5#

