

Data File : BN003687.D
Acq On : 03 Dec 2018 20:34
Operator : JU/SJ
Sample : J6137-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 04 01:27:06 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 : Tue Dec 04 01:23:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5178	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	21506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12073	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	1629978	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	22	0.40	ng/ul	0.12
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.71

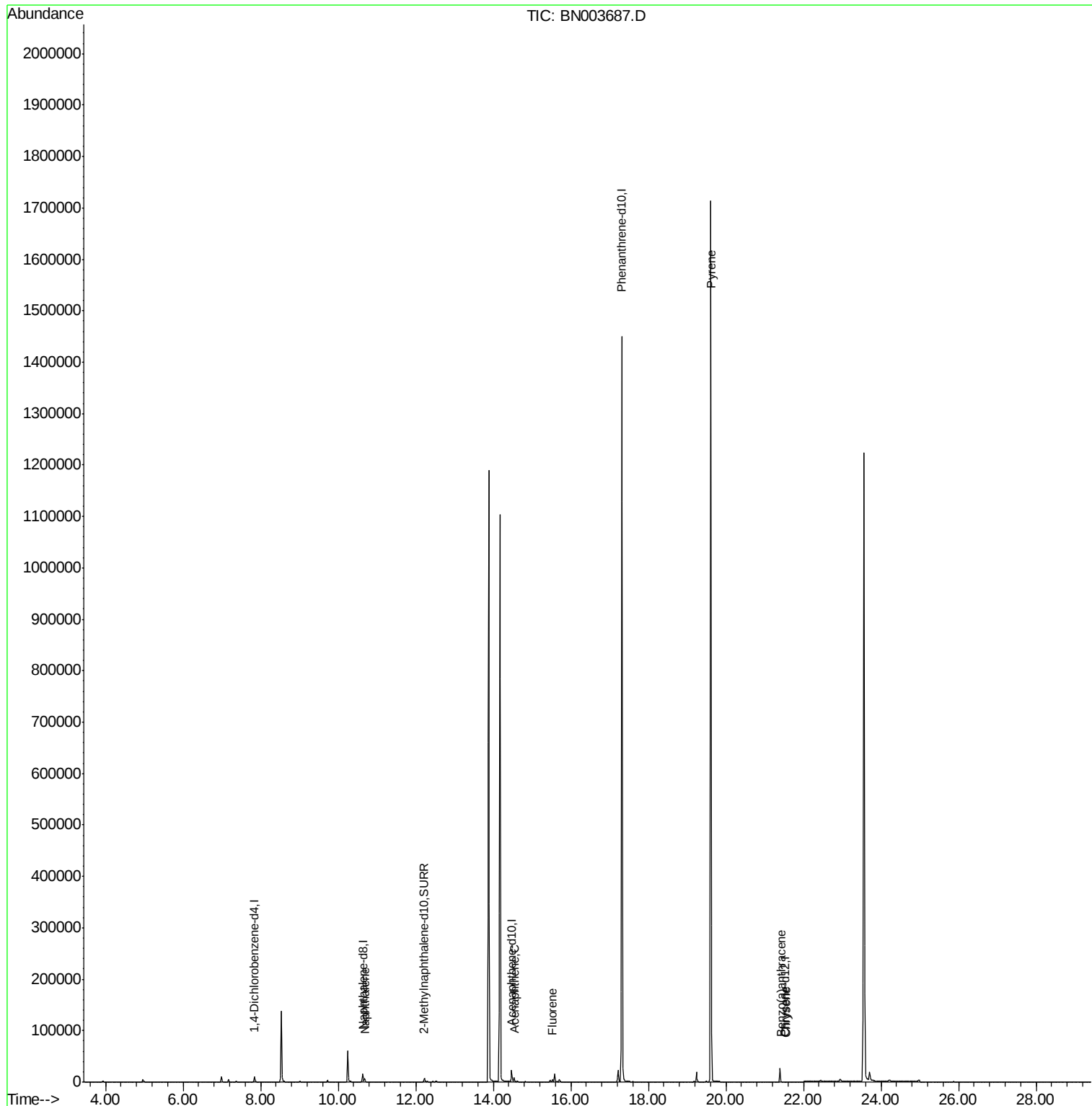
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	8816	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

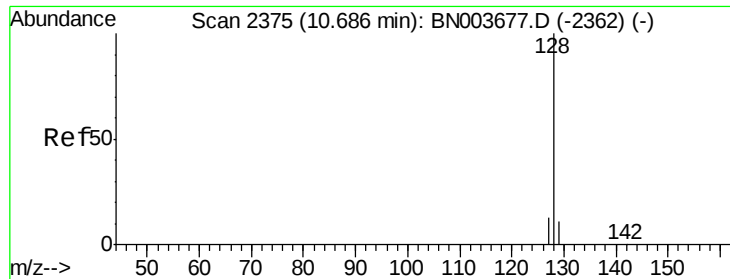
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	8760	0.145	ng/ul	98
8) Acenaphthene	14.54	153	4157	0.087	ng/ul	100
9) Fluorene	15.52	166	2821	0.051	ng/ul	97
17) Pyrene	19.61	202	3169	40.162	ng/ul#	1
18) Benzo(a)anthracene	21.43	228	137	1.972	ng/ul#	38
19) Chrysene	21.55	228	2	0.025	ng/ul#	1

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

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#3

Naphthalene

Concen: 0.145 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

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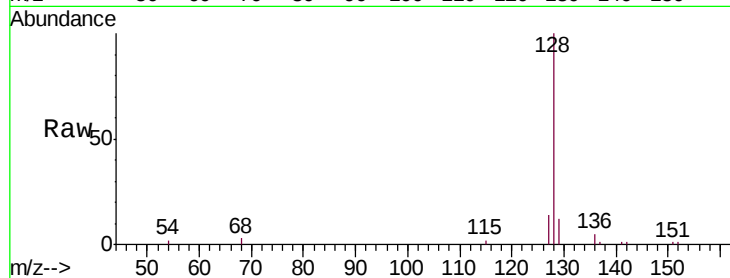
Tgt Ion:128 Resp: 8760

Ion Ratio Lower Upper

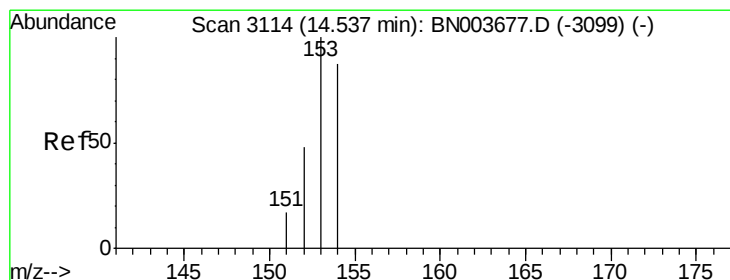
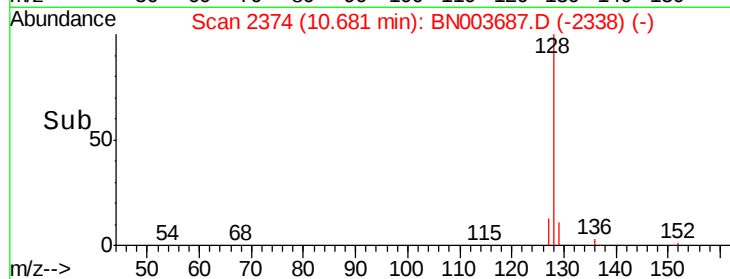
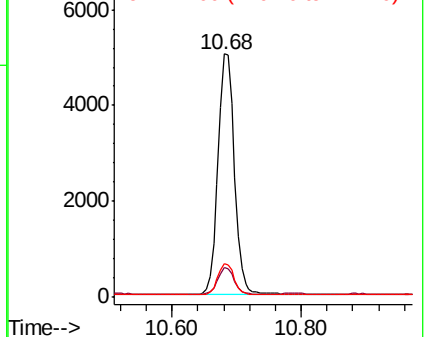
128 100

129 12.2 9.0 13.6

127 13.8 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: 0.087 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003687.D

Acq: 03 Dec 2018 20:34

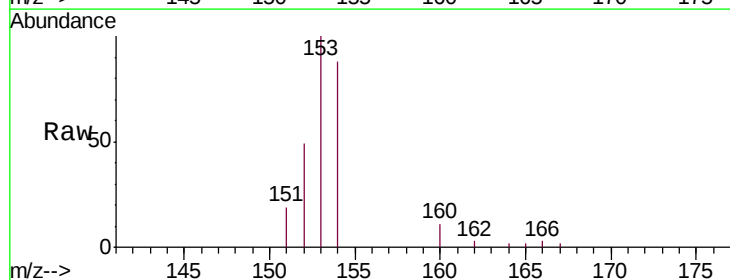
Tgt Ion:153 Resp: 4157

Ion Ratio Lower Upper

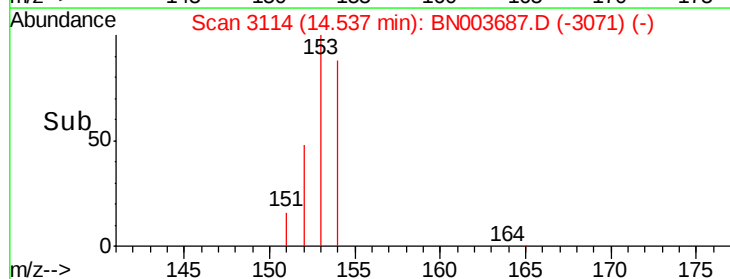
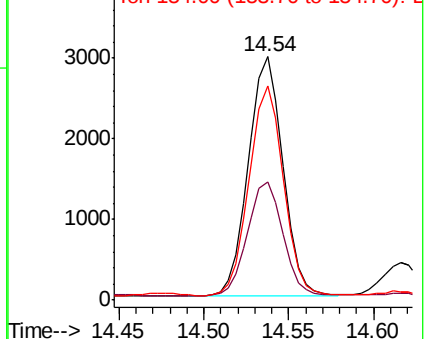
153 100

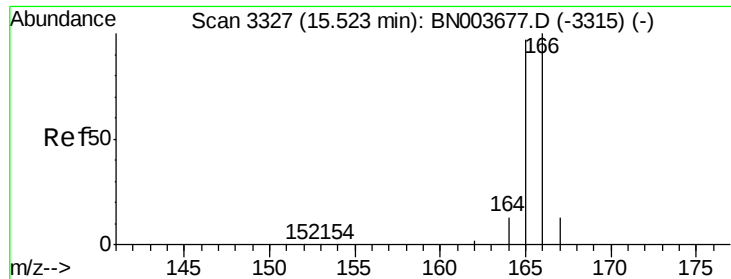
152 48.6 39.3 58.9

154 88.2 70.3 105.5



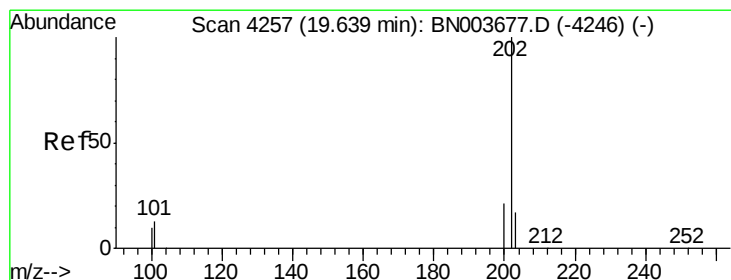
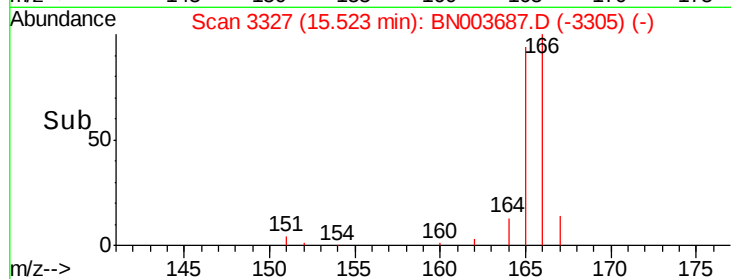
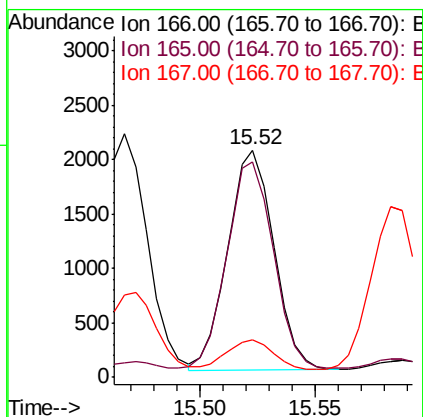
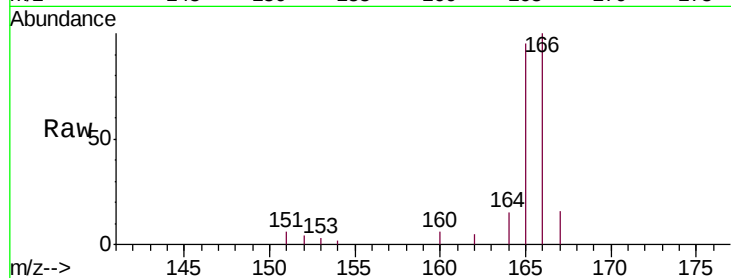
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





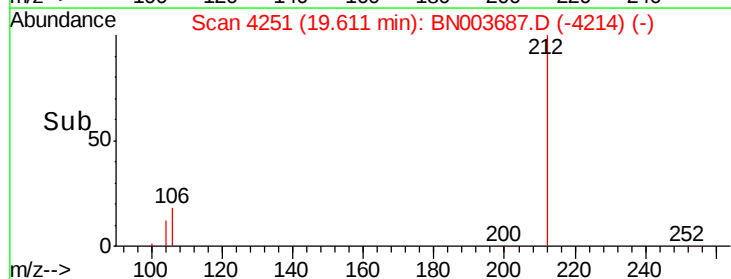
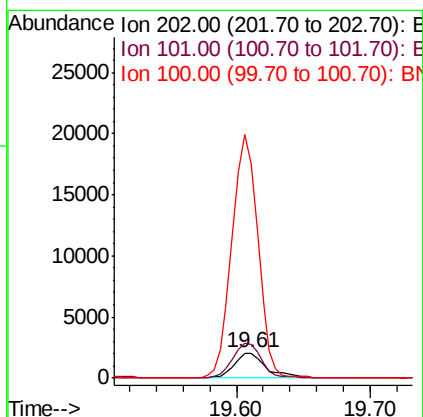
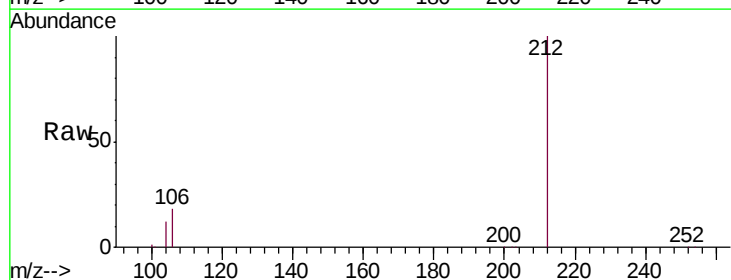
#9
Fluorene
 Concen: 0.051 ng/ul
 RT: 15.52 min Scan# 3327
 Delta R.T. -0.00 min
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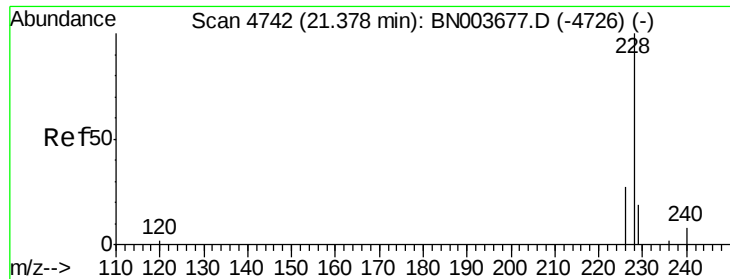
Tgt Ion:166 Resp: 2821
 Ion Ratio Lower Upper
 166 100
 165 94.7 78.3 117.5
 167 16.3 11.3 16.9



#17
Pyrene
 Concen: 40.162 ng/ul
 RT: 19.61 min Scan# 4251
 Delta R.T. -0.03 min
 Lab File: BN003687.D
 Acq: 03 Dec 2018 20:34

Tgt Ion:202 Resp: 3169
 Ion Ratio Lower Upper
 202 100
 101 132.7 10.3 15.5#
 100 860.0 8.5 12.7#





#18

Benzo(a)anthracene

Concen: 1.972 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. 0.05 min

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Acq: 03 Dec 2018 20:34

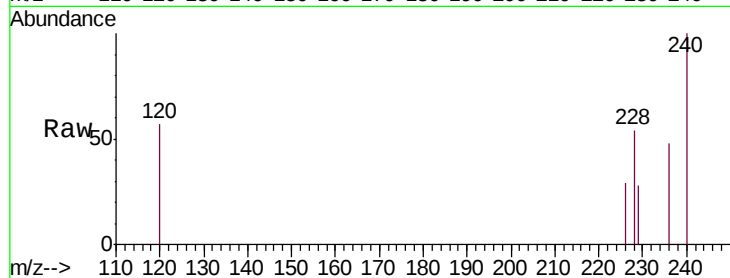
Tgt Ion:228 Resp: 137

Ion Ratio Lower Upper

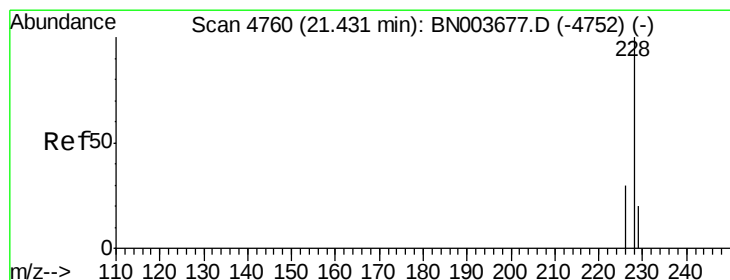
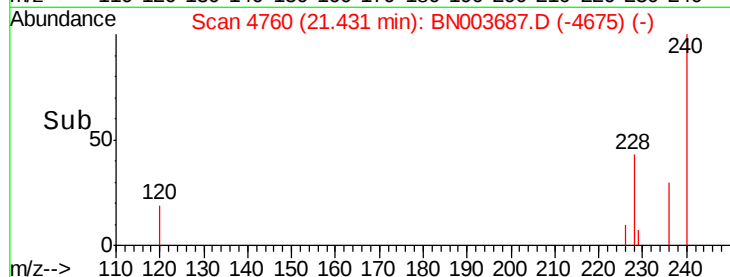
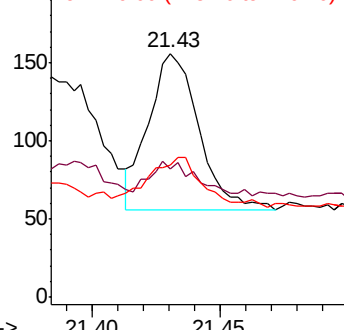
228 100

229 52.6 15.6 23.4#

226 53.8 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: 0.025 ng/ul

RT: 21.55 min Scan# 4800

Delta R.T. 0.11 min

Lab File: BN003687.D

Acq: 03 Dec 2018 20:34

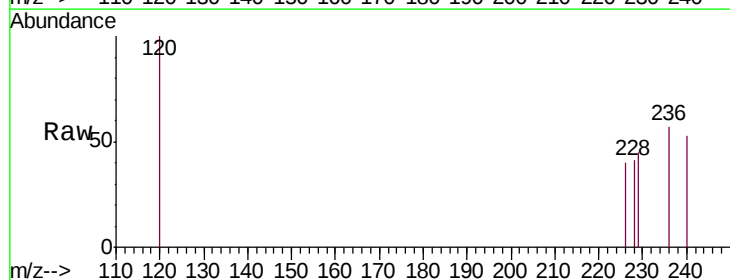
Tgt Ion:228 Resp: 2

Ion Ratio Lower Upper

228 100

226 98.3 24.0 36.0#

229 111.7 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

