

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004281.D
 Acq On : 29 Dec 2018 02:06
 Operator : JU/SJ
 Sample : J6541-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F72DL

Quant Time: Dec 29 04:07:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration

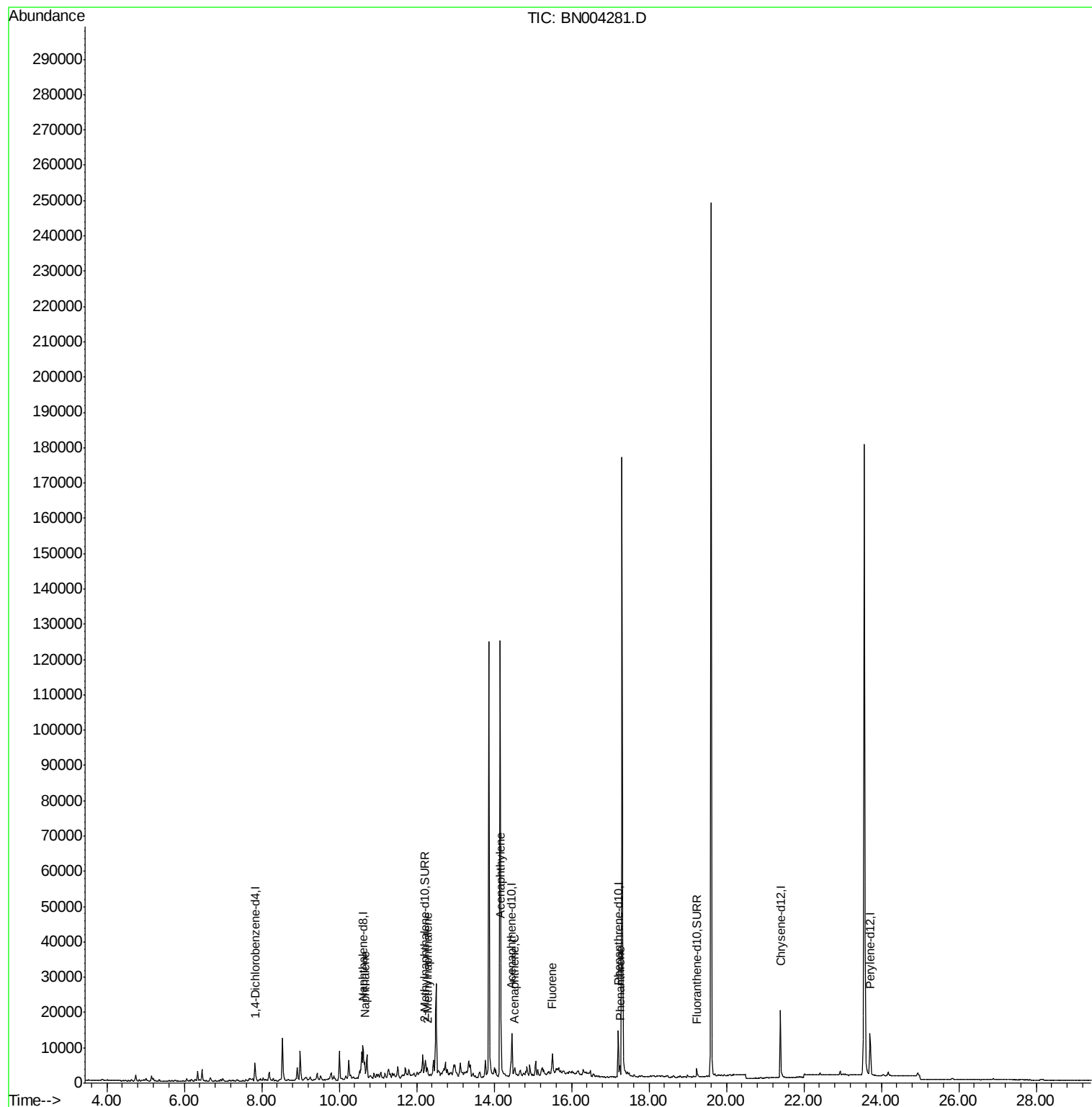
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2743	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	12164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	6939	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15655	0.40	ng/ul	-0.01
16) Chrysene-d12	21.40	240	17268	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16857	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	1217	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	2625	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.66	128	2711	0.079	ng/ul#	2
5) 2-Methylnaphthalene	12.28	142	1680	0.071	ng/ul	99
7) Acenaphthylene	14.18	152	896	0.026	ng/ul#	1
8) Acenaphthene	14.52	153	1603	0.058	ng/ul#	86
9) Fluorene	15.51	166	3717	0.118	ng/ul#	94
12) Phenanthrene	17.25	178	3617	0.071	ng/ul#	83

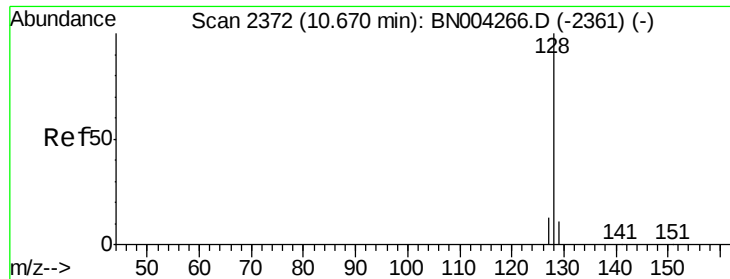
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.66 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BN004281.D

Acq: 29 Dec 2018 02:06

Instrument :

BNA_N

ClientSampleId :

F9F72DL

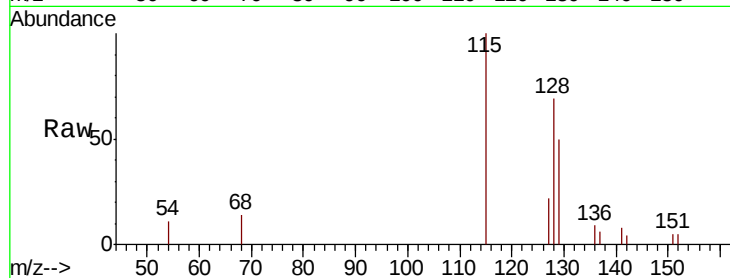
Tgt Ion:128 Resp: 2711

Ion Ratio Lower Upper

128 100

129 73.1 9.5 14.3#

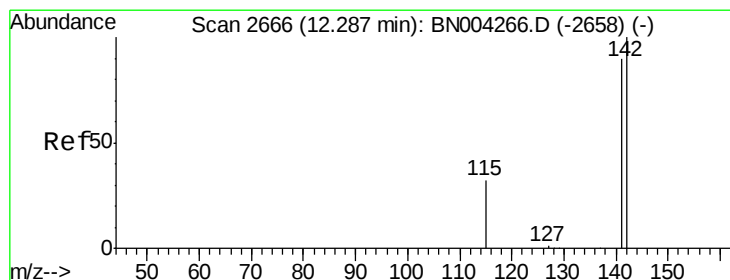
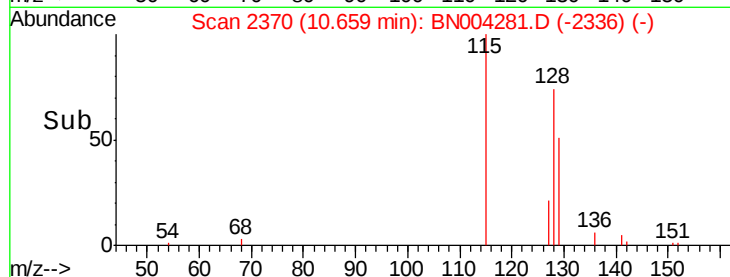
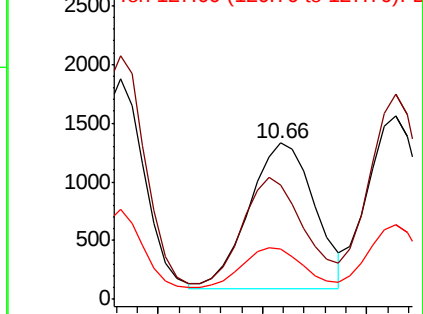
127 32.2 11.0 16.4#



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: 0.071 ng/ul

RT: 12.28 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BN004281.D

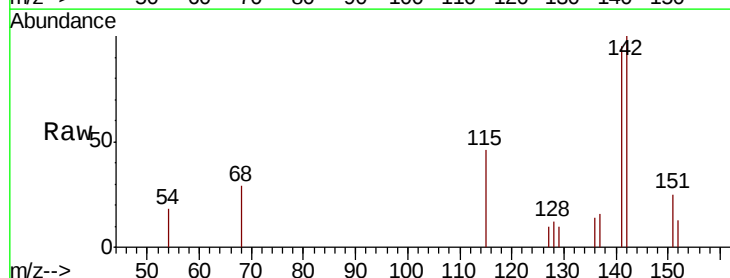
Acq: 29 Dec 2018 02:06

Tgt Ion:142 Resp: 1680

Ion Ratio Lower Upper

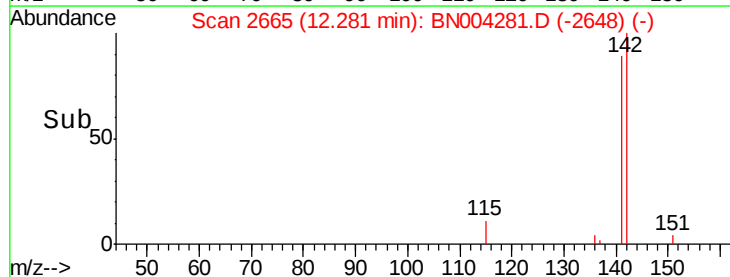
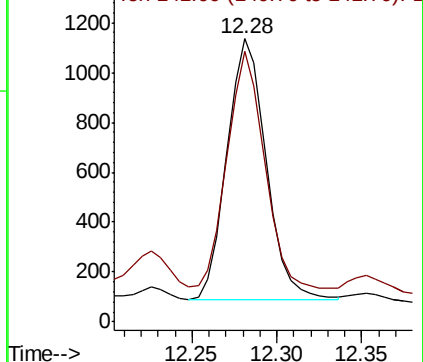
142 100

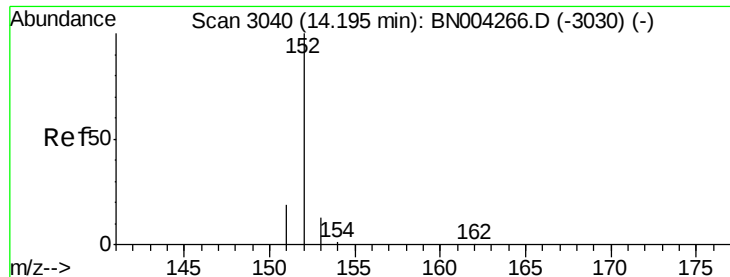
141 88.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.18 min Scan# 3037

Delta R.T. -0.01 min

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Acq: 29 Dec 2018 02:06

Instrument :

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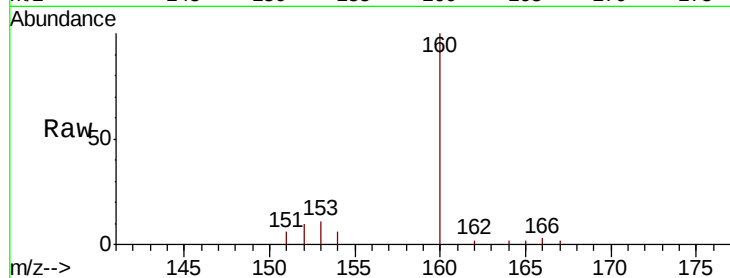
Tgt Ion:152 Resp: 896

Ion Ratio Lower Upper

152 100

151 54.5 16.3 24.5#

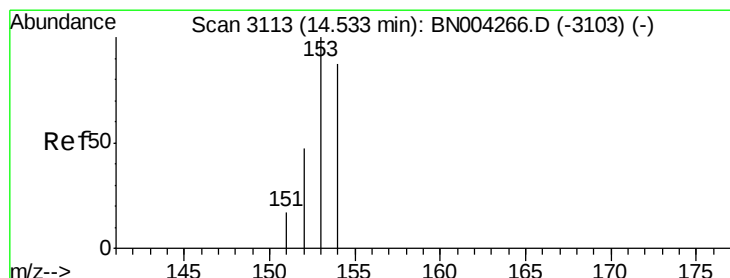
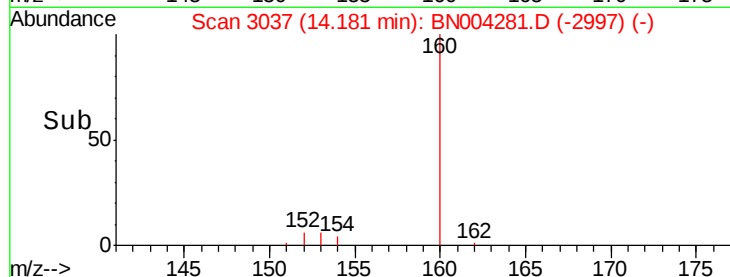
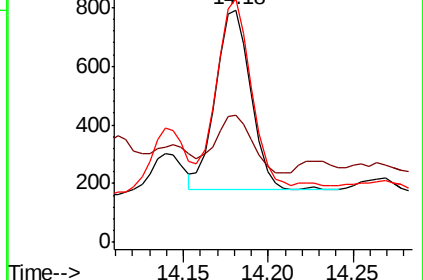
153 104.8 11.1 16.7#



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



#8

Acenaphthene

Concen: 0.058 ng/ul

RT: 14.52 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BN004281.D

Acq: 29 Dec 2018 02:06

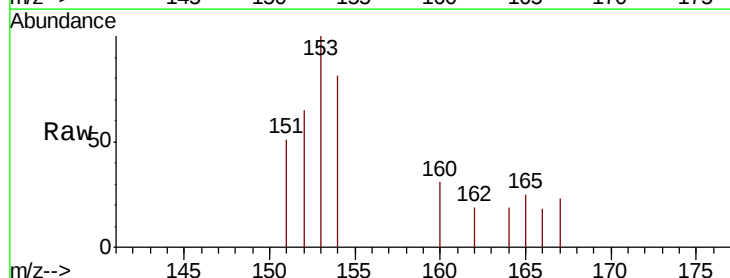
Tgt Ion:153 Resp: 1603

Ion Ratio Lower Upper

153 100

152 64.7 38.2 57.2#

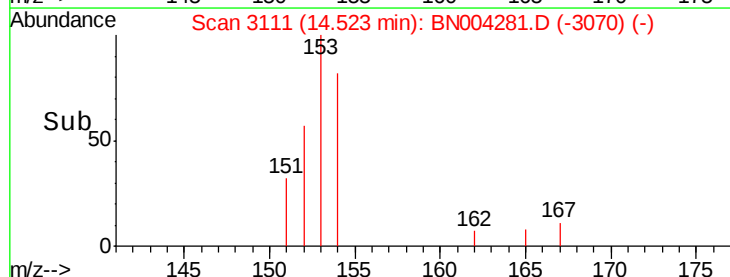
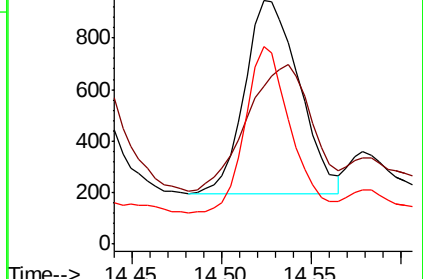
154 81.4 70.9 106.3

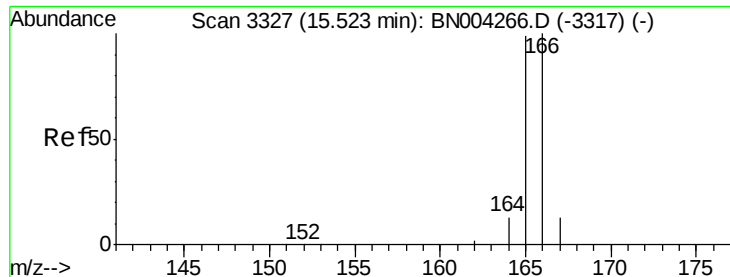


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.118 ng/ul

RT: 15.51 min Scan# 3324

Delta R.T. -0.01 min

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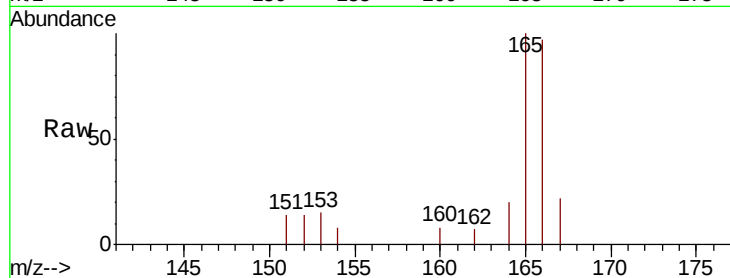
Tgt Ion:166 Resp: 3717

Ion Ratio Lower Upper

166 100

165 103.0 79.0 118.6

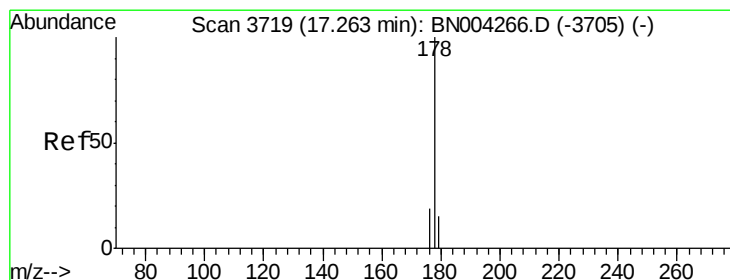
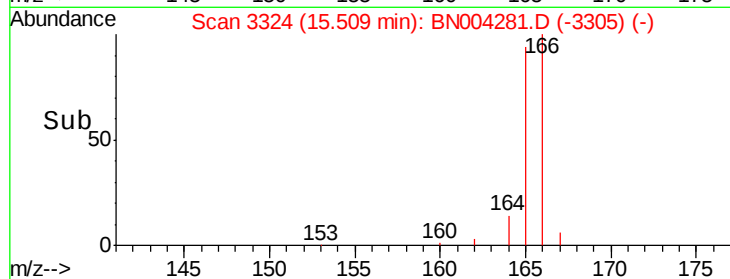
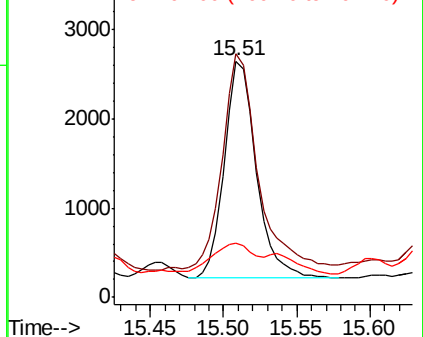
167 23.2 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.071 ng/ul

RT: 17.25 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BN004281.D

Acq: 29 Dec 2018 02:06

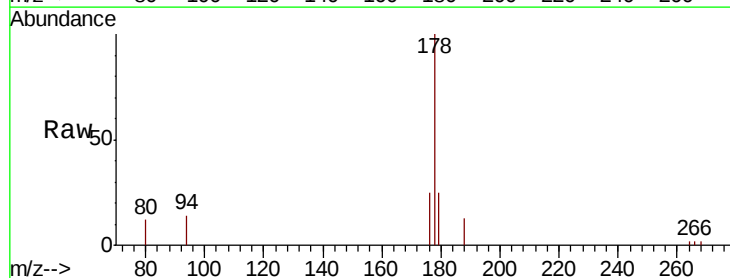
Tgt Ion:178 Resp: 3617

Ion Ratio Lower Upper

178 100

179 25.2 12.6 18.8#

176 24.7 15.2 22.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

