

Data File : BN003826.D
Acq On : 11 Dec 2018 21:54
Operator : JU/SJ
Sample : J6170-12DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M05DL

Quant Time: Dec 12 02:56:57 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 02:52:45 2018
Response via : Initial Calibration

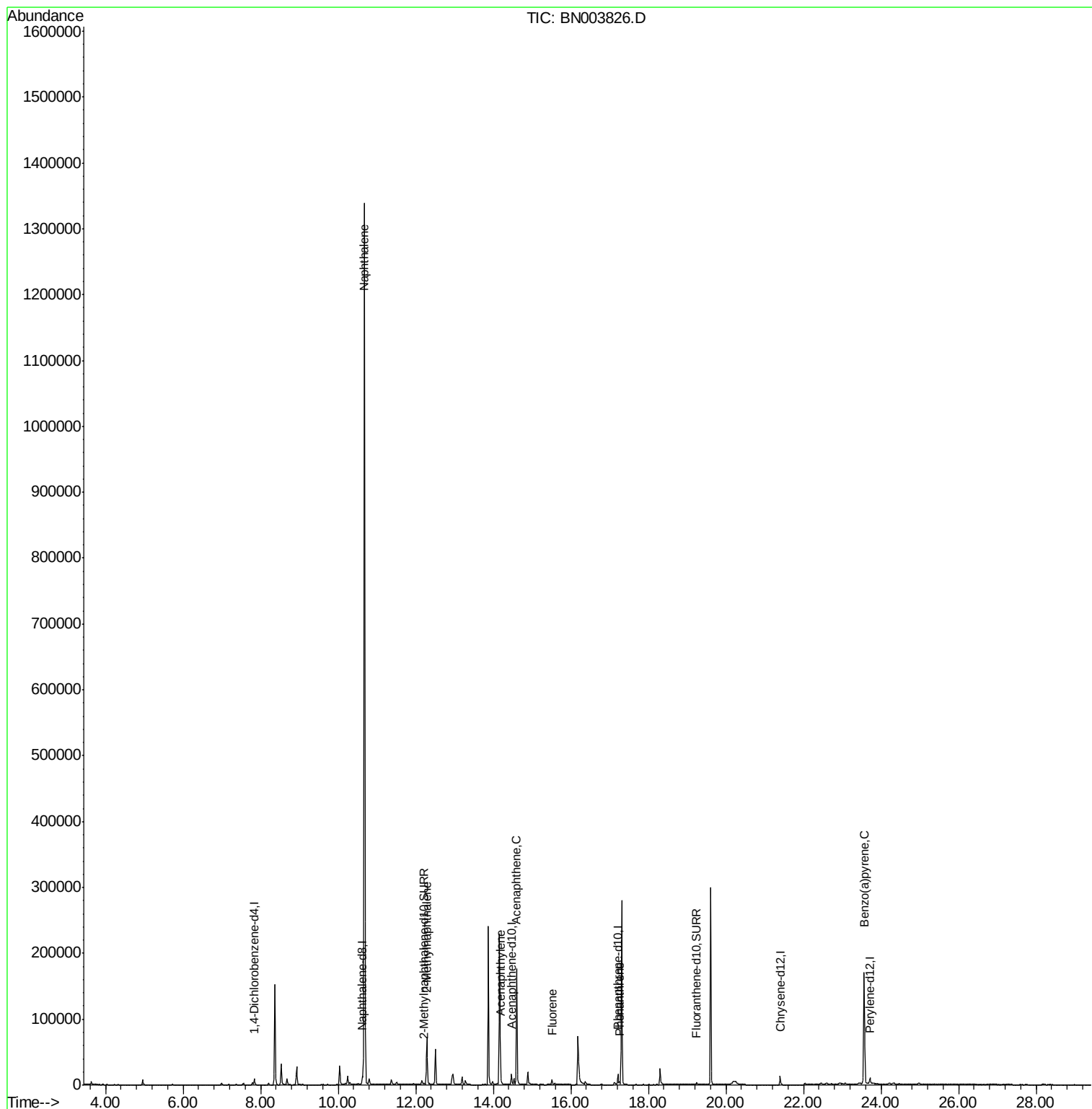
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	4517	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	17634	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8800	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	17504	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11755	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	11929	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1875	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	3416	0.07	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.68	128	1811817	36.578	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	50349	1.456	ng/ul	100
7) Acenaphthylene	14.19	152	8320	0.210	ng/ul	98
8) Acenaphthene	14.60	153	216769	6.243	ng/ul#	25
9) Fluorene	15.52	166	4600	0.114	ng/ul	99
12) Phenanthrene	17.25	178	5658	0.098	ng/ul	95
23) Benzo(a)pyrene	23.56	252	946	0.022	ng/ul#	1

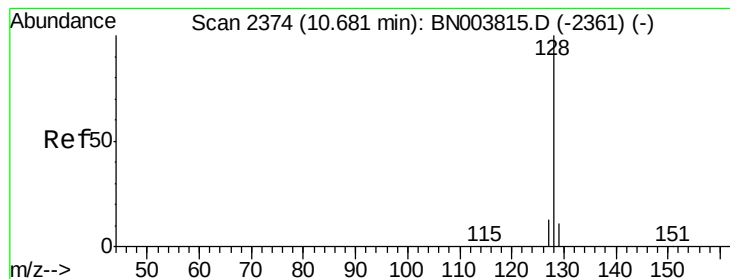
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 36.578 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

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F9M05DL

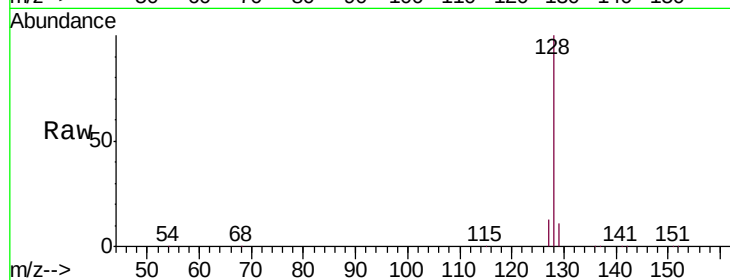
Tgt Ion:128 Resp: 1811817

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

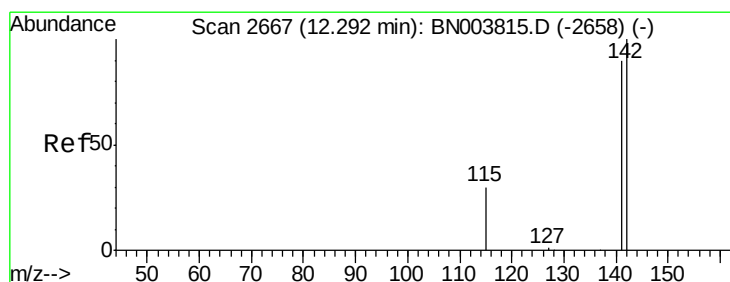
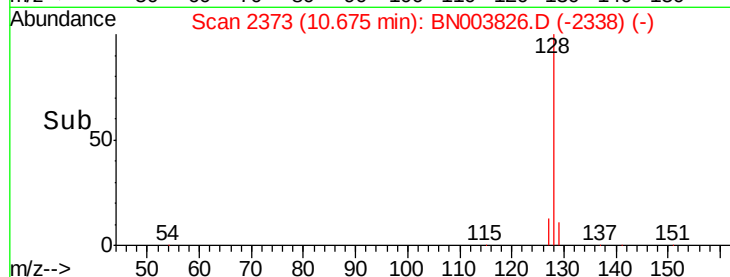
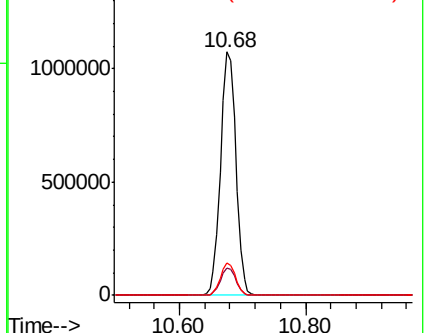
127 13.2 10.5 15.7



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: 1.456 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN003826.D

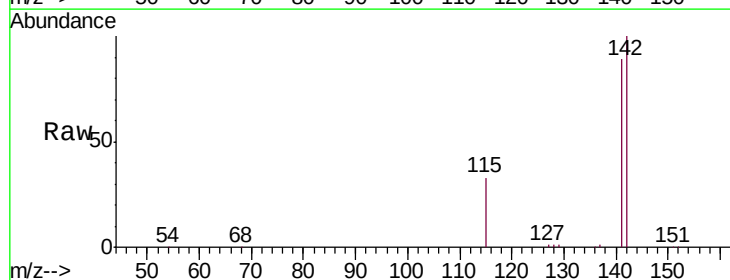
Acq: 11 Dec 2018 21:54

Tgt Ion:142 Resp: 50349

Ion Ratio Lower Upper

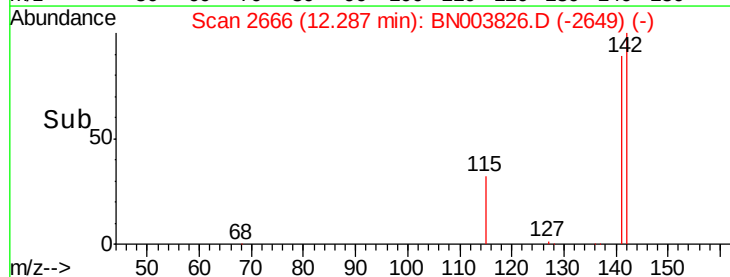
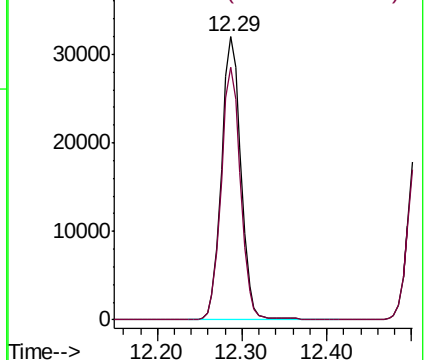
142 100

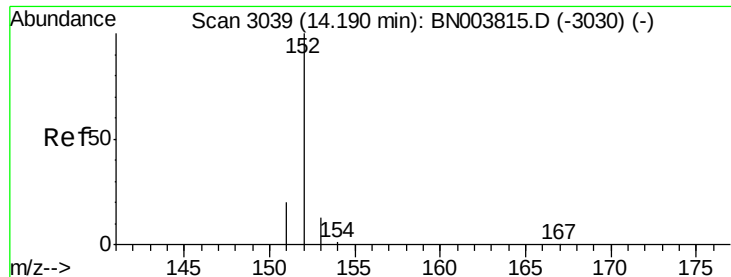
141 89.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.210 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9M05DL

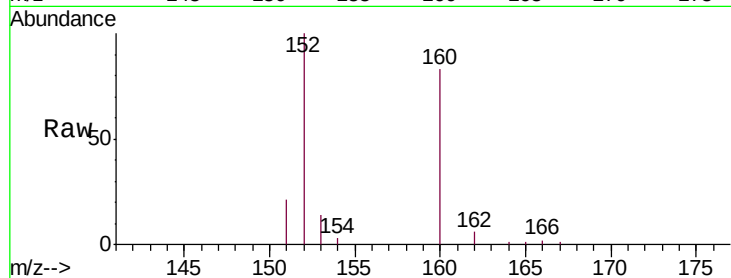
Tgt Ion:152 Resp: 8320

Ion Ratio Lower Upper

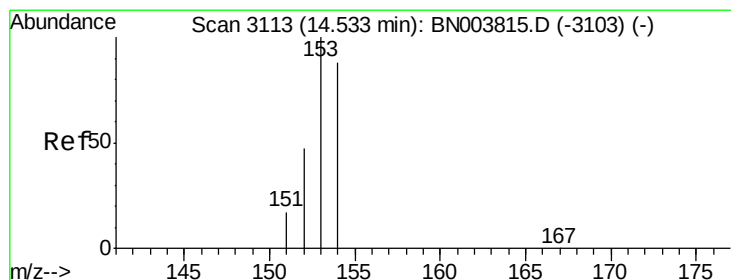
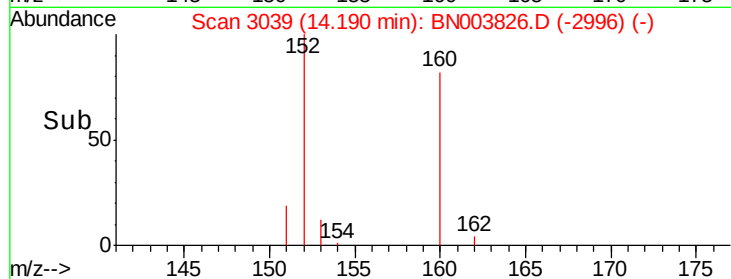
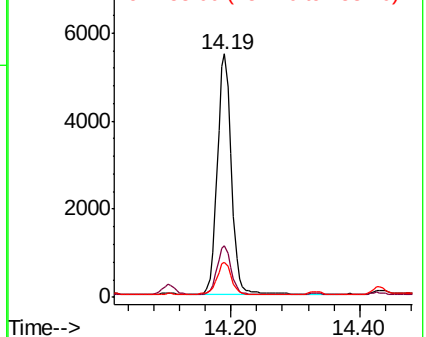
152 100

151 21.1 15.9 23.9

153 14.2 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



#8

Acenaphthene

Concen: 6.243 ng/ul

RT: 14.60 min Scan# 3128

Delta R.T. 0.07 min

Lab File: BN003826.D

Acq: 11 Dec 2018 21:54

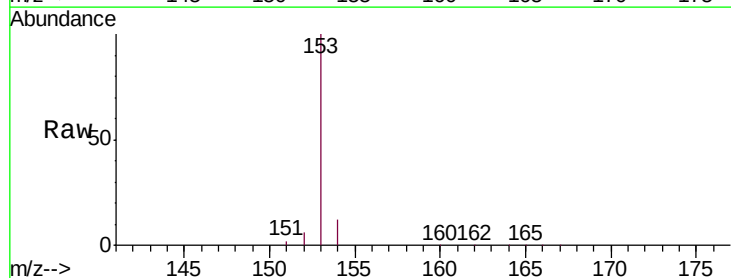
Tgt Ion:153 Resp: 216769

Ion Ratio Lower Upper

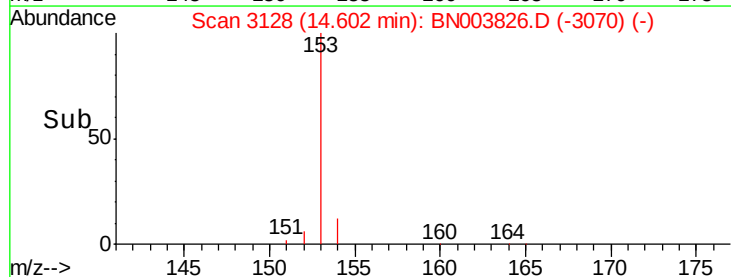
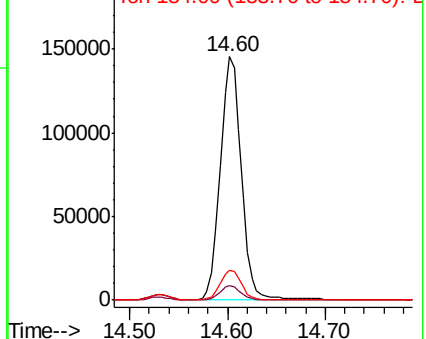
153 100

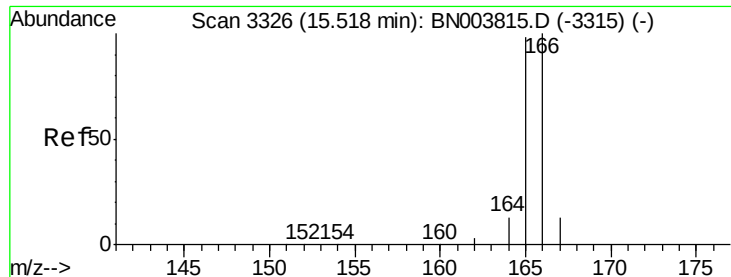
152 6.1 39.3 58.9#

154 12.5 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: 0.114 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

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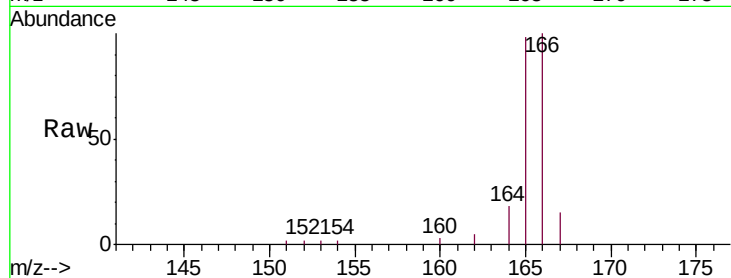
Tgt Ion:166 Resp: 4600

Ion Ratio Lower Upper

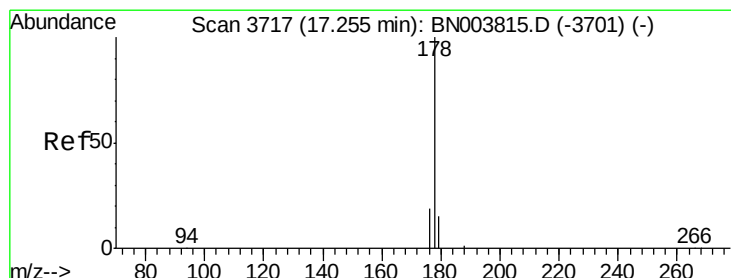
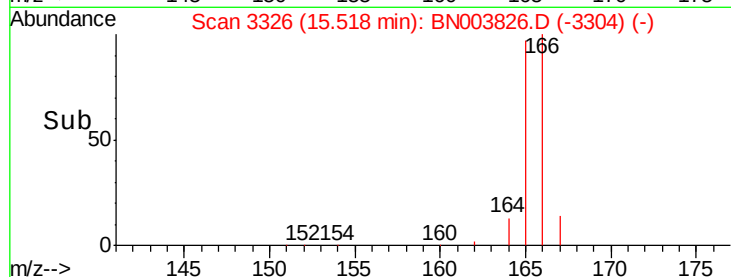
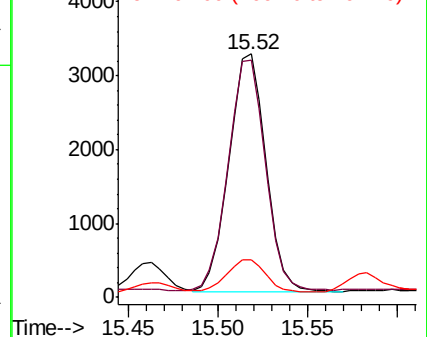
166 100

165 97.6 78.3 117.5

167 15.3 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: 0.098 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003826.D

Acq: 11 Dec 2018 21:54

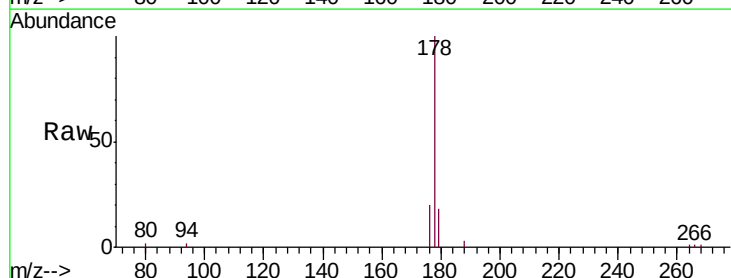
Tgt Ion:178 Resp: 5658

Ion Ratio Lower Upper

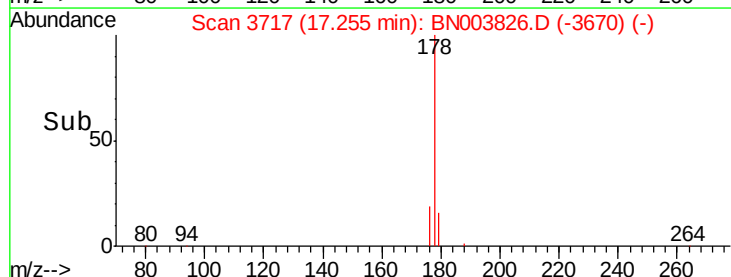
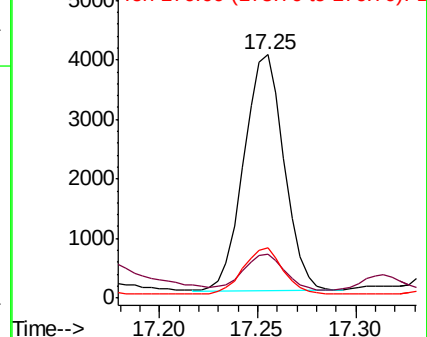
178 100

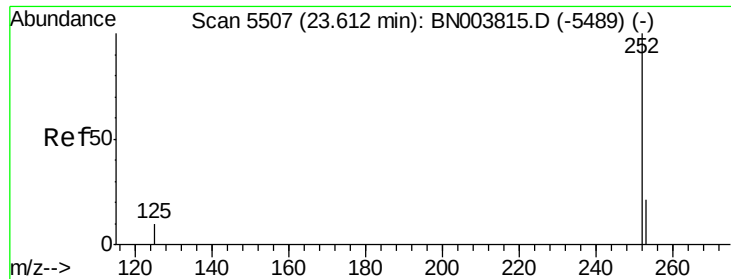
179 18.0 12.5 18.7

176 20.4 15.0 22.4



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





#23

Benzo(a)pyrene

Concen: 0.022 ng/ul

RT: 23.56 min Scan# 5490

Delta R.T. -0.05 min

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Instrument :

BNA_N

ClientSampleId :

F9M05DL

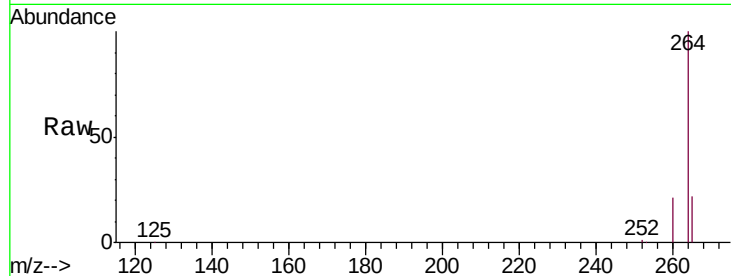
Tgt Ion: 252 Resp: 946

Ion Ratio Lower Upper

252 100

253 80.6 19.0 28.4#

125 86.4 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

