

Data File : BN004004.D
Acq On : 16 Dec 2018 20:31
Operator : JU/SJ
Sample : J6229-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F36

Quant Time: Dec 17 04:11:17 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 04:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1858	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9357	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6034	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	1083226	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.41
20) Perylene-d12	23.73	264	15376	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4854	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

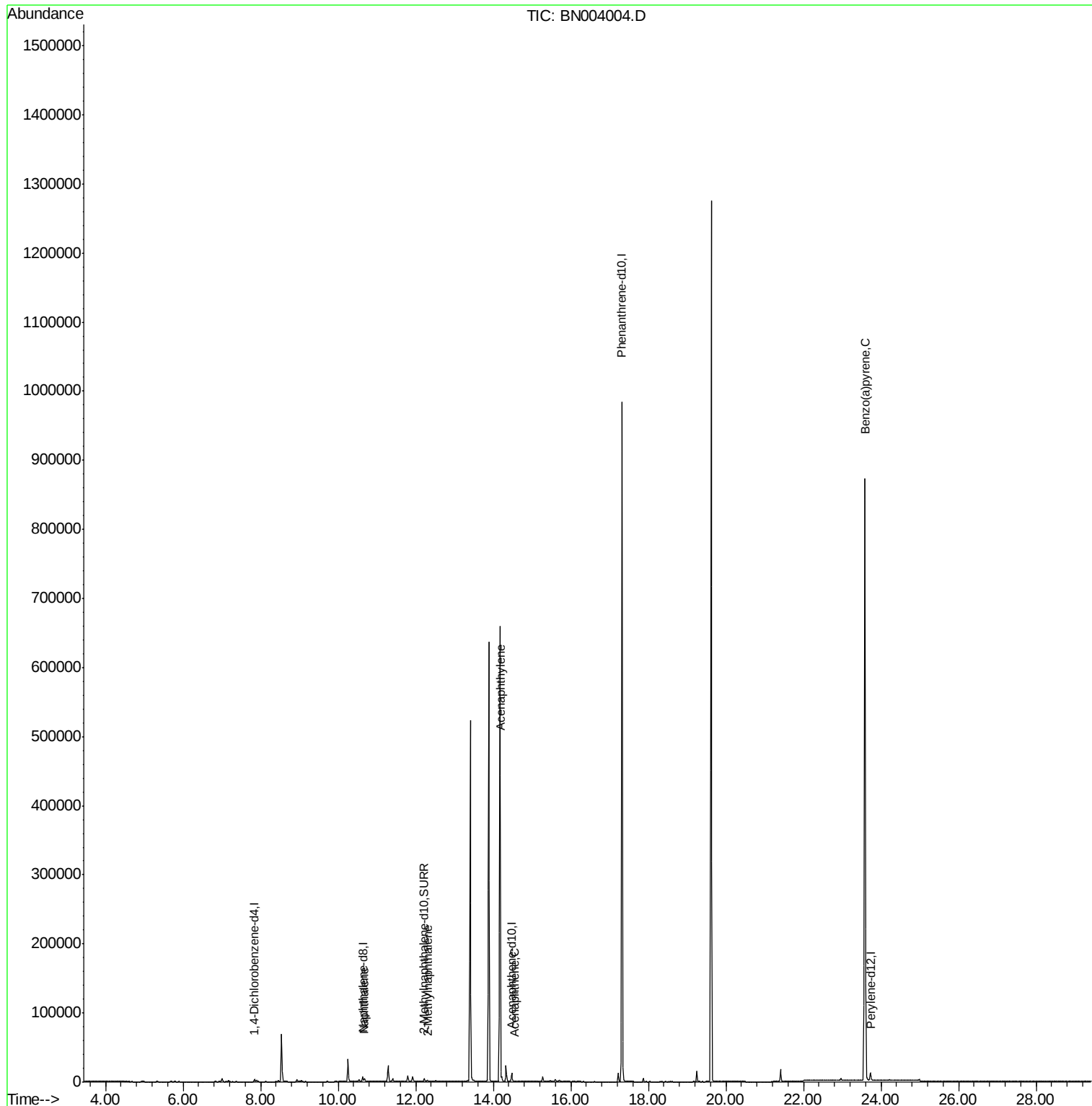
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	1422	0.054	ng/ul#	84
5) 2-Methylnaphthalene	12.29	142	998	0.054	ng/ul	99
7) Acenaphthylene	14.19	152	957	0.035	ng/ul#	64
8) Acenaphthene	14.54	153	757	0.032	ng/ul#	39
23) Benzo(a)pyrene	23.58	252	4176	0.076	ng/ul#	66

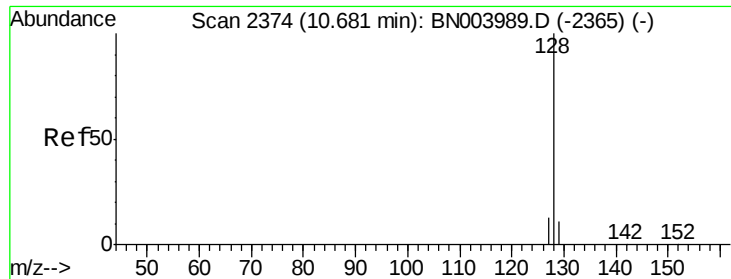
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

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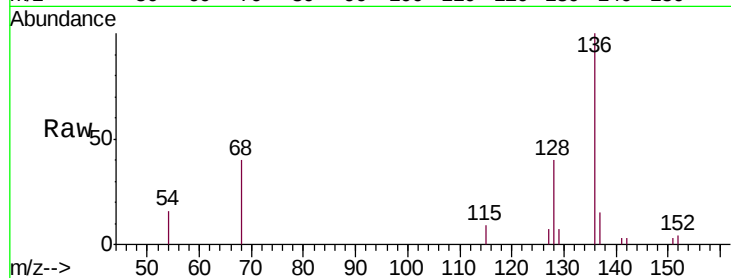
Tgt Ion:128 Resp: 1422

Ion Ratio Lower Upper

128 100

129 18.7 9.0 13.6#

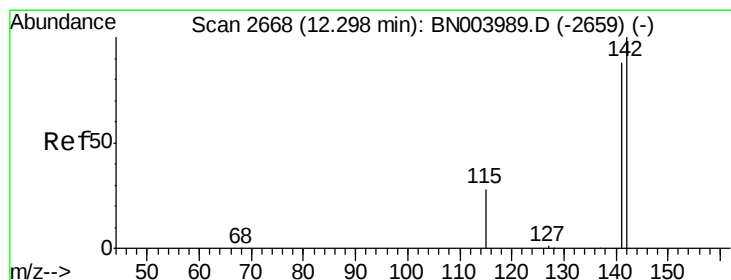
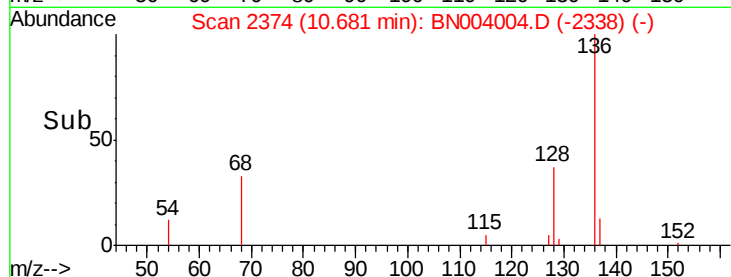
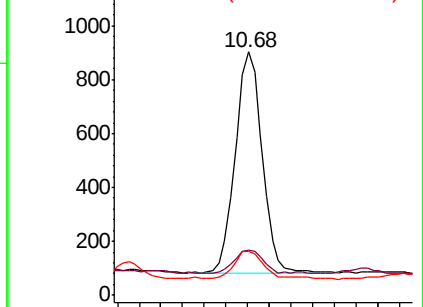
127 18.3 10.5 15.7#



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: 0.054 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN004004.D

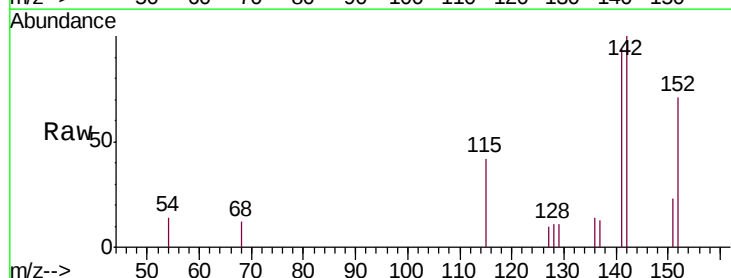
Acq: 16 Dec 2018 20:31

Tgt Ion:142 Resp: 998

Ion Ratio Lower Upper

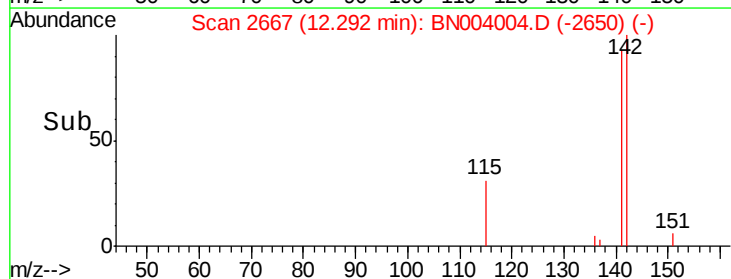
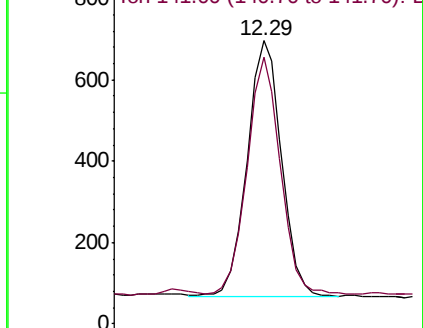
142 100

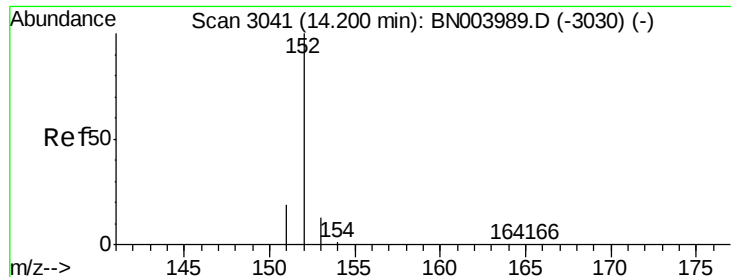
141 90.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.035 ng/u1

RT: 14.19 min Scan# 3038

Delta R.T. -0.01 min

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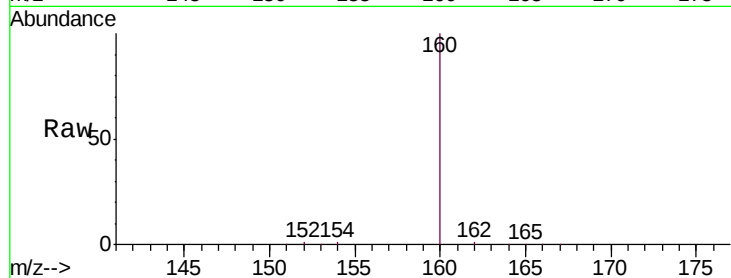
Tgt Ion:152 Resp: 957

Ion Ratio Lower Upper

152 100

151 37.1 15.9 23.9#

153 26.9 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

14.19

600

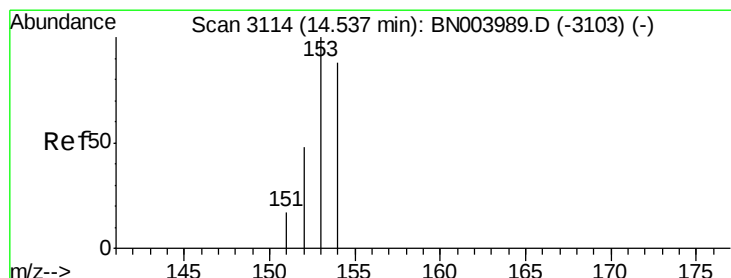
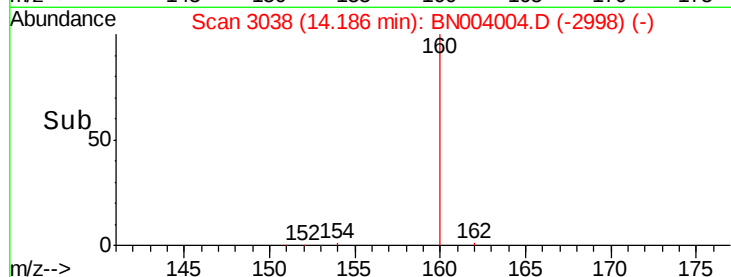
400

200

0

14.15 14.20

Time-->



#8

Acenaphthene

Concen: 0.032 ng/u1

RT: 14.54 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BN004004.D

Acq: 16 Dec 2018 20:31

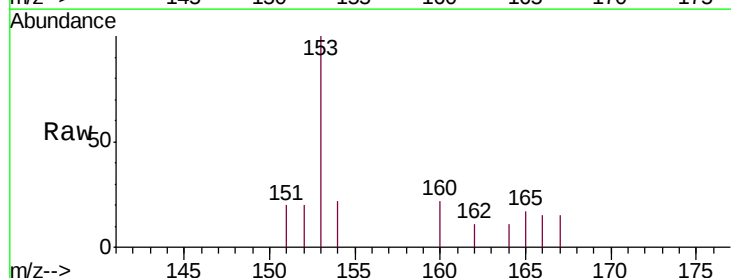
Tgt Ion:153 Resp: 757

Ion Ratio Lower Upper

153 100

152 19.6 39.3 58.9#

154 22.4 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

14.54

600

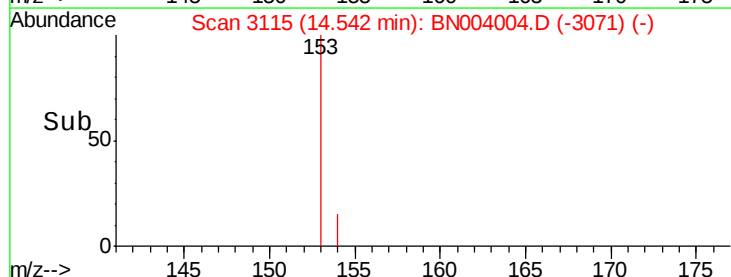
400

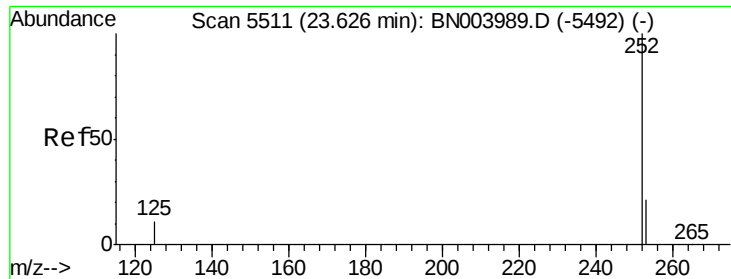
200

0

14.50 14.55 14.60

Time-->





#23

Benzo(a)pyrene

Concen: 0.076 ng/ul

RT: 23.58 min Scan# 5496

Delta R.T. -0.04 min

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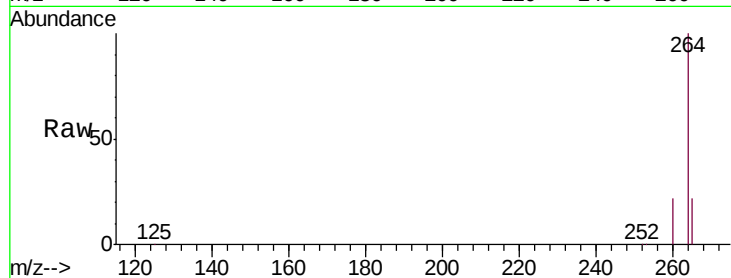
Acq: 16 Dec 2018 20:31

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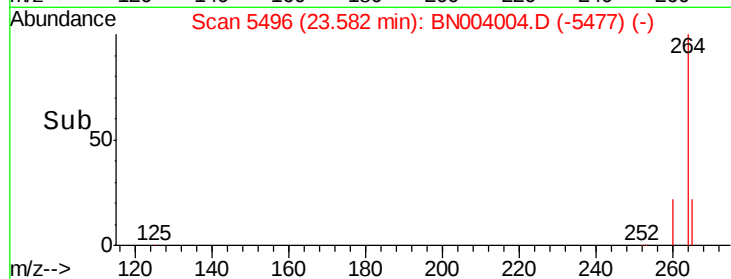
Tgt Ion: 252 Resp: 4176

Ion Ratio Lower Upper

252 100

253 36.9 19.0 28.4#

125 31.8 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

