

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021985.D
 Acq On : 10 Aug 2019 00:46
 Operator : HP/JU
 Sample : K4116-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

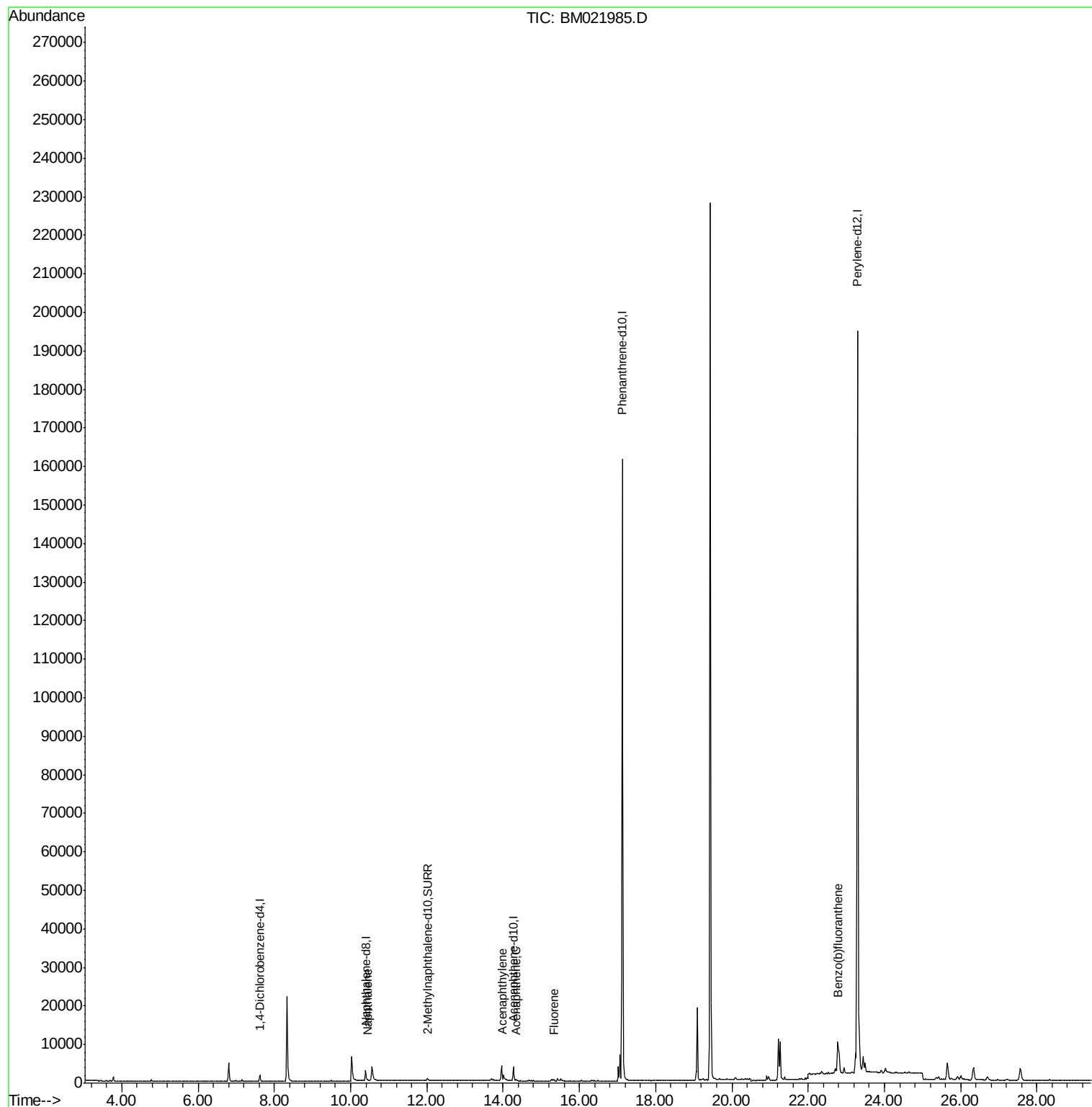
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	883	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3788	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2054	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	193555	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.29	264	241174	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1041	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	208	0.00	ng/ul	0.09
Target Compounds						
3) Naphthalene	10.45	128	298	0.028	ng/ul#	62
7) Acenaphthylene	13.99	152	498	0.052	ng/ul#	74
8) Acenaphthene	14.33	153	178	0.023	ng/ul#	91
9) Fluorene	15.33	166	273	0.031	ng/ul#	91
21) Benzo(b)fluoranthene	22.78	252	16879	0.021	ng/ul	94

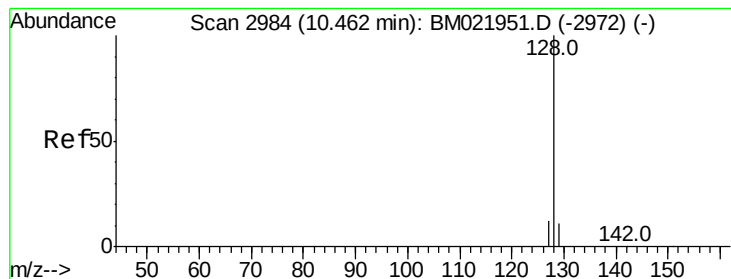
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

ClientSampled :

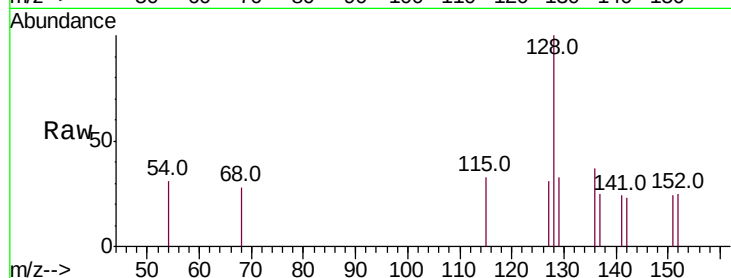
Tot Ion:128 Resp: 298

Ion Ratio Lower Upper

128 100

129 33.0 12.3 18.5#

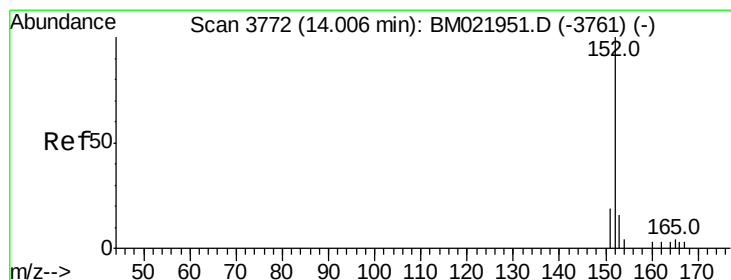
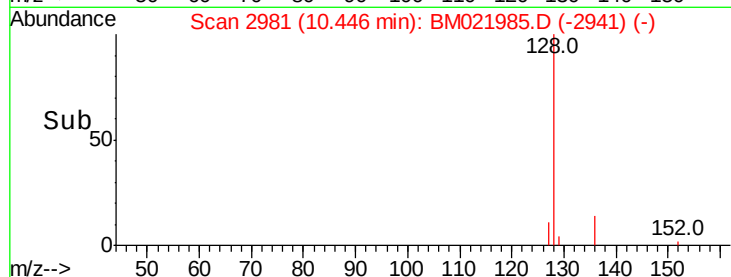
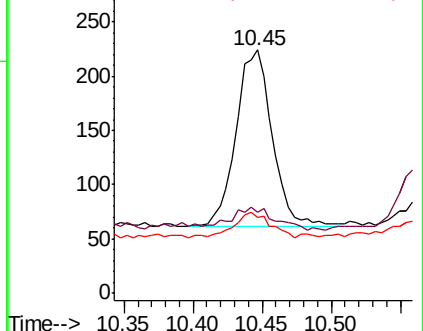
127 31.3 13.0 19.6#



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



#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

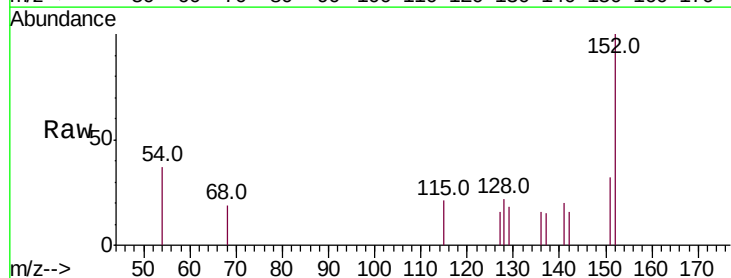
Tgt Ion:152 Resp: 498

Ion Ratio Lower Upper

152 100

151 31.7 18.3 27.5#

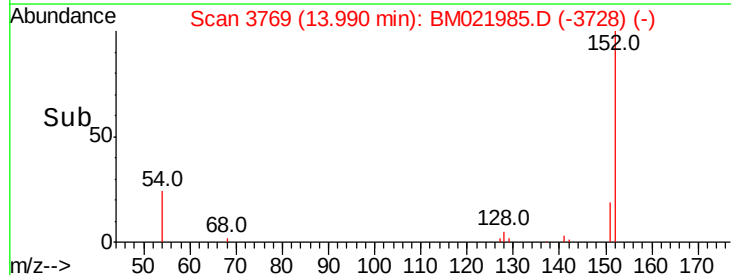
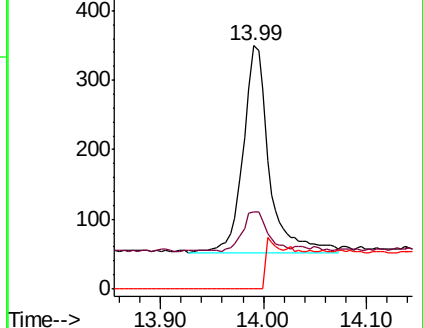
153 0.0 12.8 19.2#

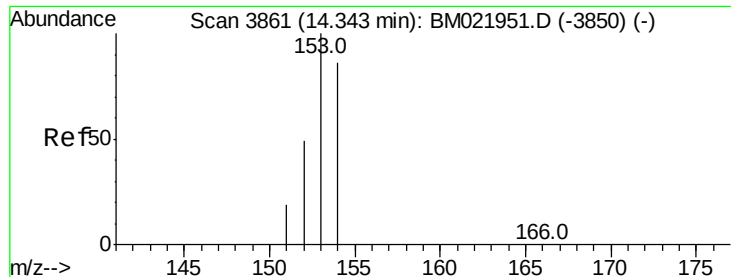


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

ClientSampleId :

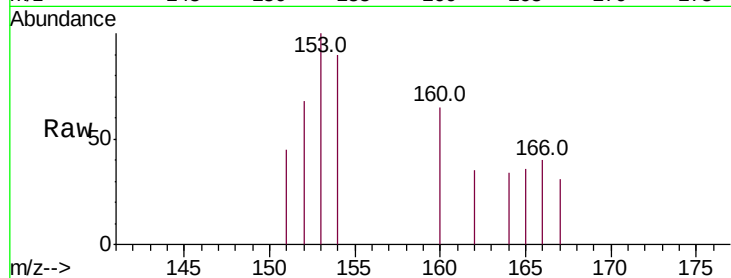
Tot Ion:153 Resp: 178

Ion Ratio Lower Upper

153 100

152 68.3 41.3 61.9#

154 89.8 72.3 108.5



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

14.33

150

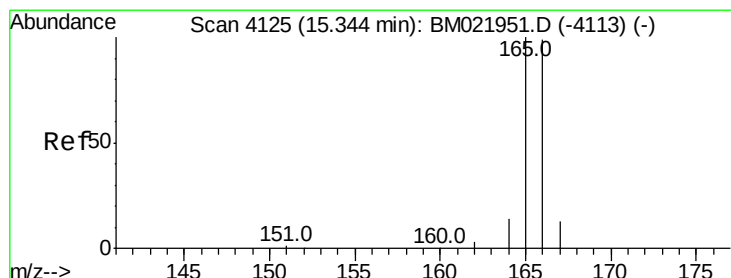
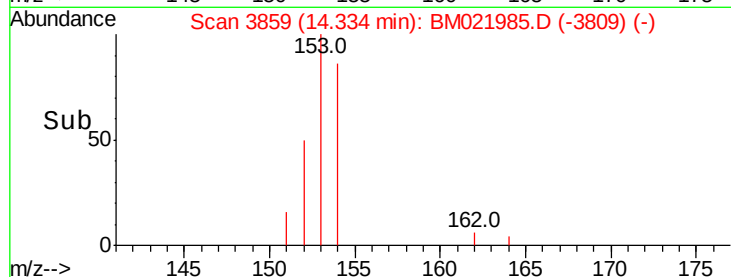
100

50

0

14.30 14.35 14.40

Time-->



#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

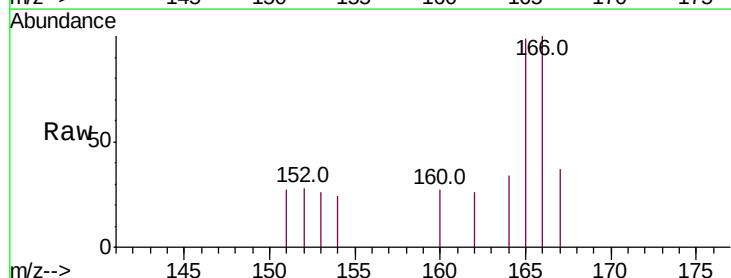
Tgt Ion:166 Resp: 273

Ion Ratio Lower Upper

166 100

165 99.1 81.4 122.0

167 37.0 13.7 20.5#



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

15.33

400

300

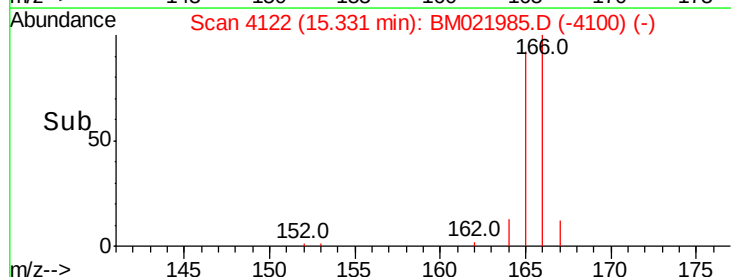
200

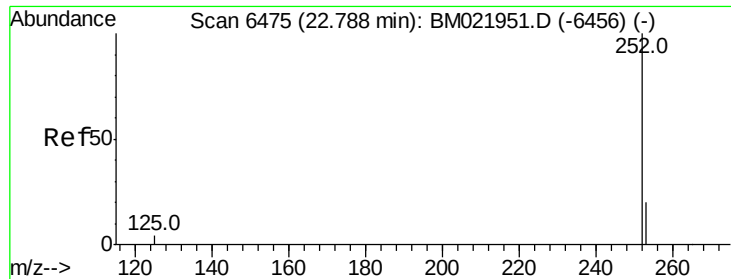
100

0

15.30 15.35 15.40

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.021 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

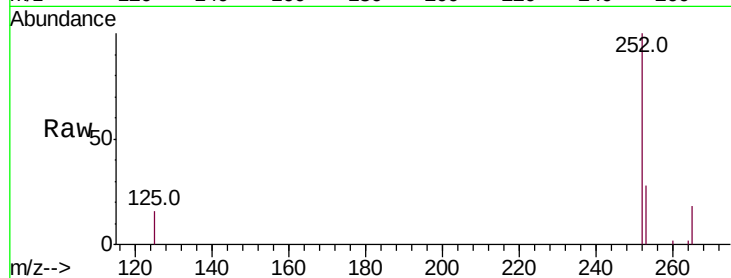
Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

ClientSampleId :



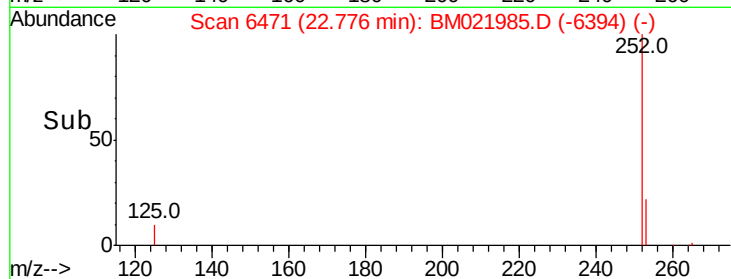
Tot Ion:252 Resp: 16879

Ion Ratio Lower Upper

252 100

253 28.5 0.0 67.4

125 15.8 0.0 31.0



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

