

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021977.D
 Acq On : 09 Aug 2019 19:50
 Operator : HP/JU
 Sample : K4116-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:23:36 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

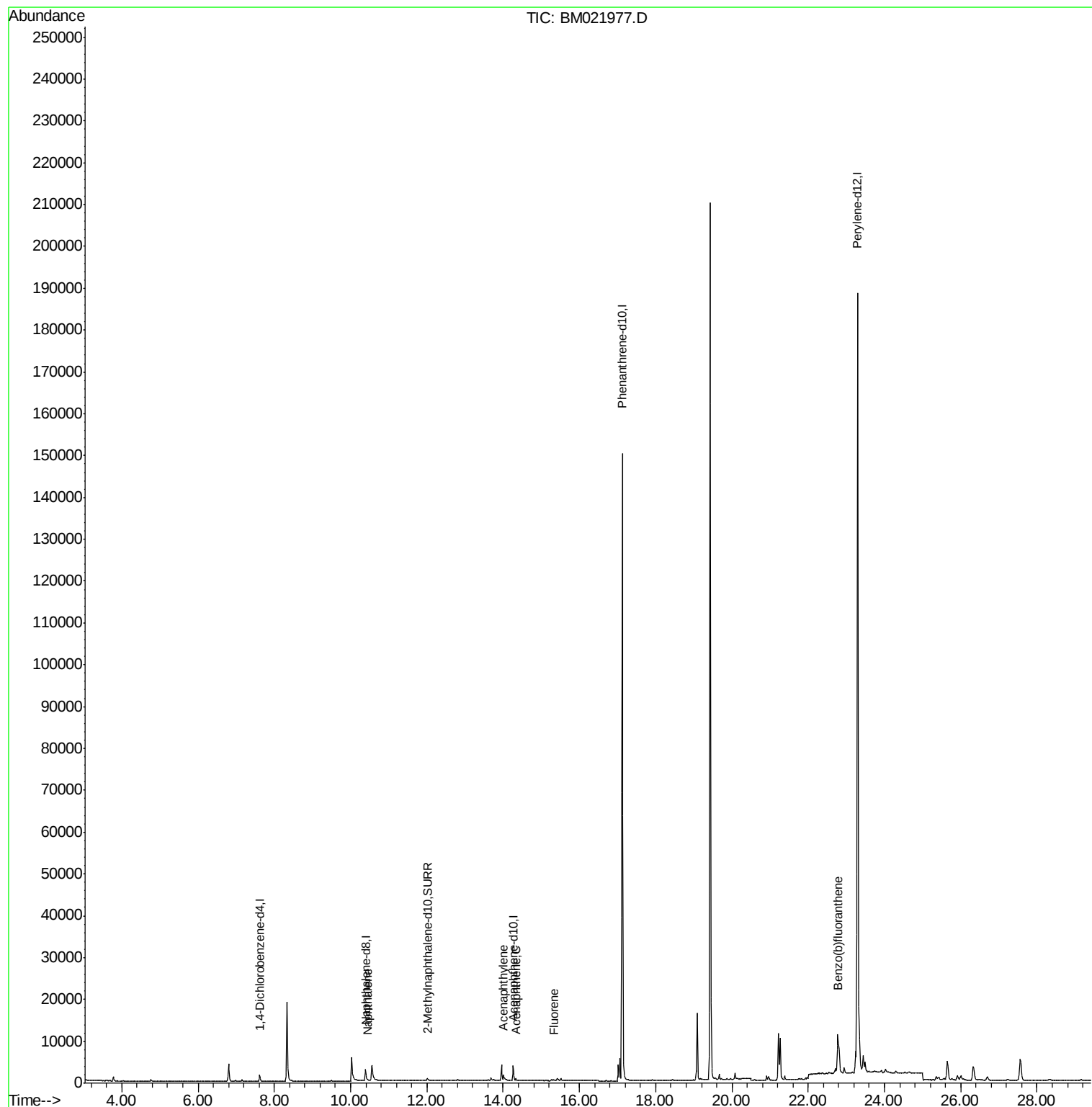
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	851	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3627	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2007	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	184310	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.30	264	229865	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	935	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	409	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	228	0.022	ng/ul#	46
7) Acenaphthylene	14.00	152	207	0.022	ng/ul#	58
8) Acenaphthene	14.33	153	317	0.041	ng/ul	92
9) Fluorene	15.33	166	206	0.024	ng/ul#	92
21) Benzo(b)fluoranthene	22.78	252	18806	0.024	ng/ul	91

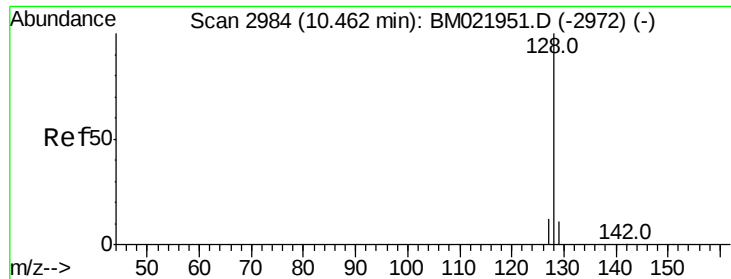
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021977.D

Acq: 09 Aug 2019 19:50

Instrument :

BNA_M

ClientSampleId :

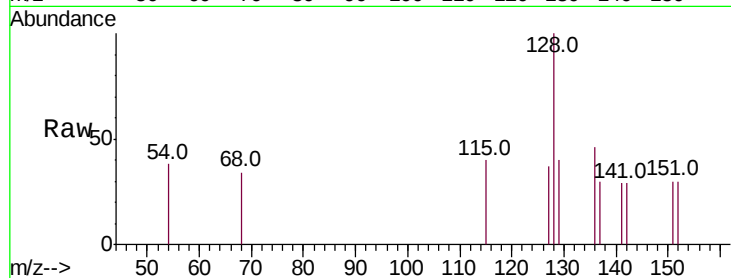
Tot Ion:128 Resp: 228

Ion Ratio Lower Upper

128 100

129 40.3 12.3 18.5#

127 37.0 13.0 19.6#

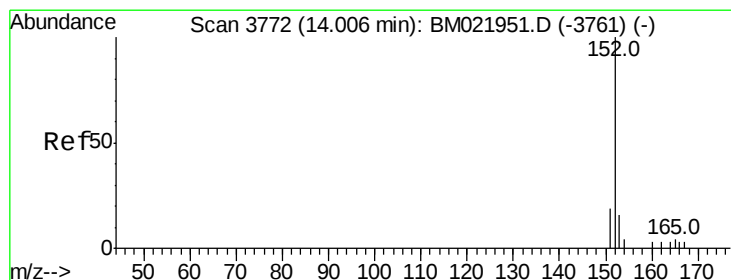
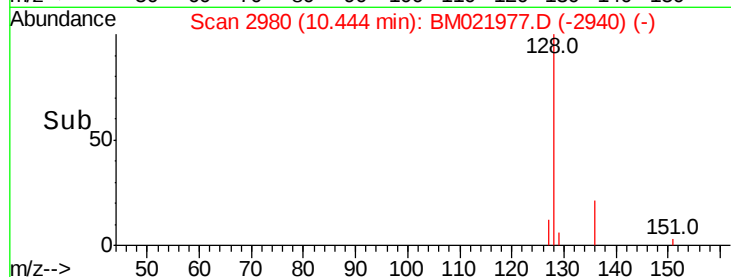
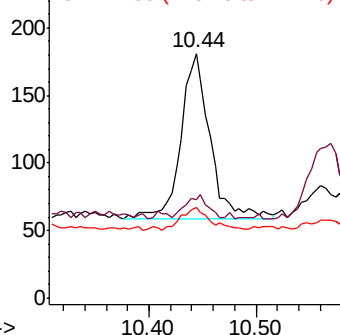


Abundance

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: 0.022 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021977.D

Acq: 09 Aug 2019 19:50

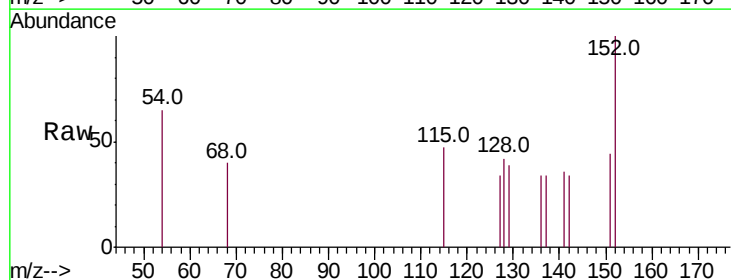
Tgt Ion:152 Resp: 207

Ion Ratio Lower Upper

152 100

151 44.3 18.3 27.5#

153 0.0 12.8 19.2#

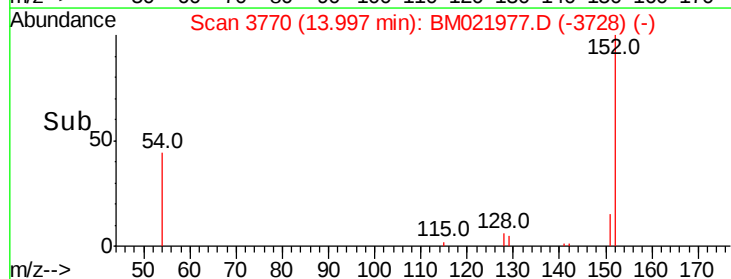
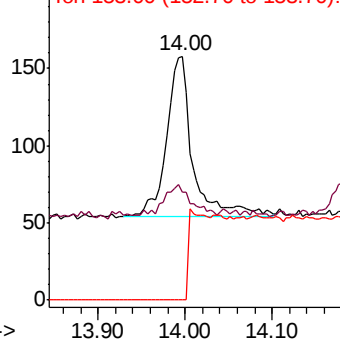


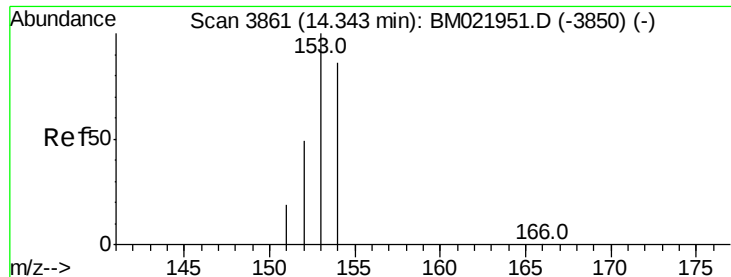
Abundance

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: 0.041 ng/ul

RT: 14.33 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM021977.D

Acq: 09 Aug 2019 19:50

Instrument :

BNA_M

ClientSampleId :

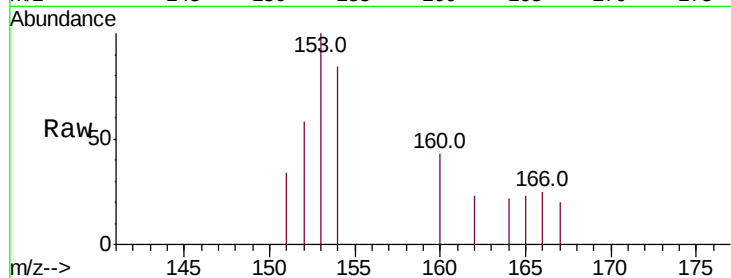
Tot Ion:153 Resp: 317

Ion Ratio Lower Upper

153 100

152 58.5 41.3 61.9

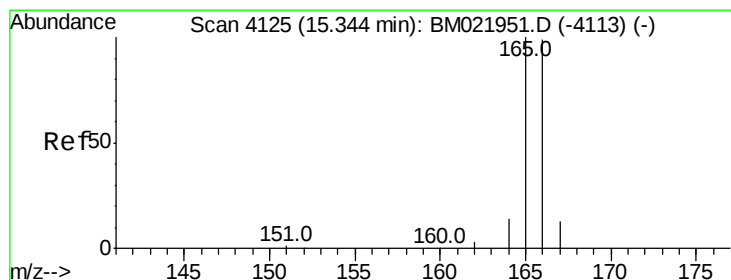
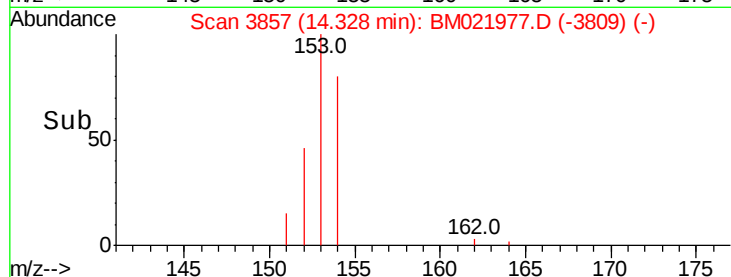
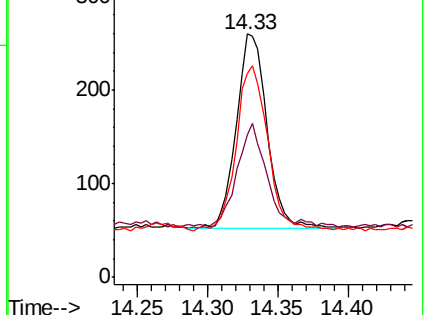
154 83.8 72.3 108.5



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



#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.33 min Scan# 4120

Delta R.T. -0.02 min

Lab File: BM021977.D

Acq: 09 Aug 2019 19:50

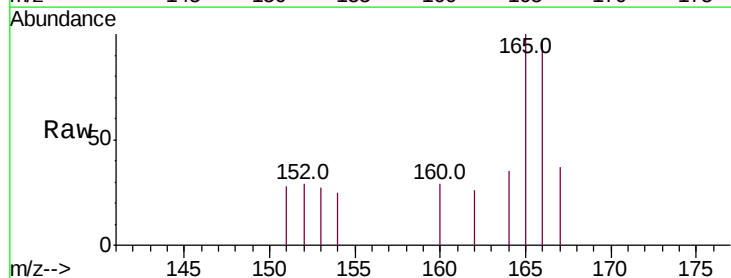
Tgt Ion:166 Resp: 206

Ion Ratio Lower Upper

166 100

165 103.0 81.4 122.0

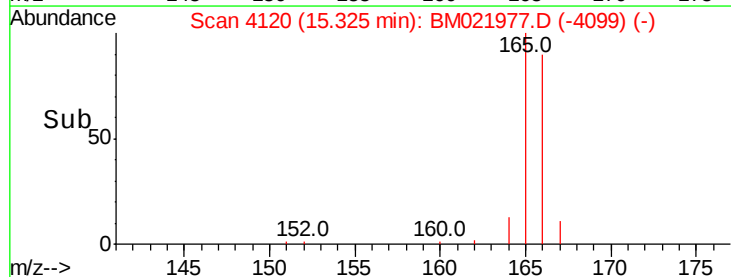
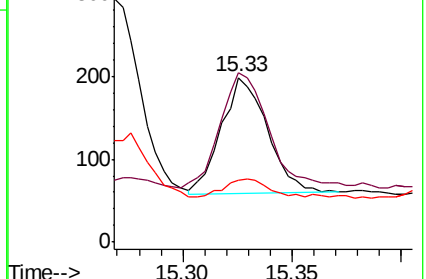
167 37.7 13.7 20.5

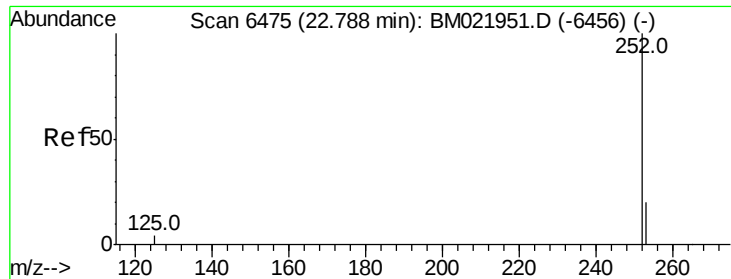


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#21

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

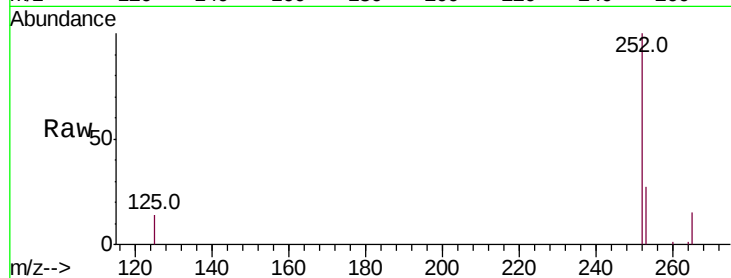
Lab File: BM021977.D

Acq: 09 Aug 2019 19:50

Instrument :

BNA_M

ClientSampleId :



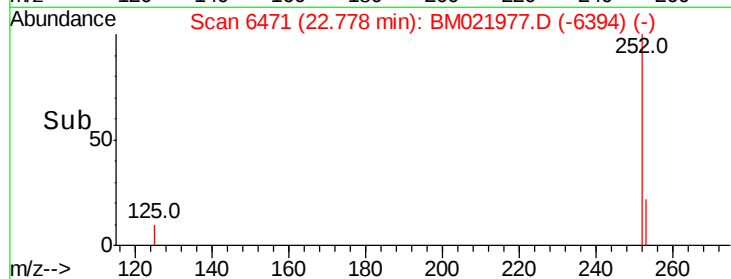
Tot Ion:252 Resp: 18806

Ion Ratio Lower Upper

252 100

253 27.4 0.0 67.4

125 13.9 0.0 31.0



Abundance Ion 252.00 (251.70 to 252.70): E

10000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

