

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008080.D
 Acq On : 11 Oct 2019 16:43
 Operator : JU
 Sample : K5050-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 23:16:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

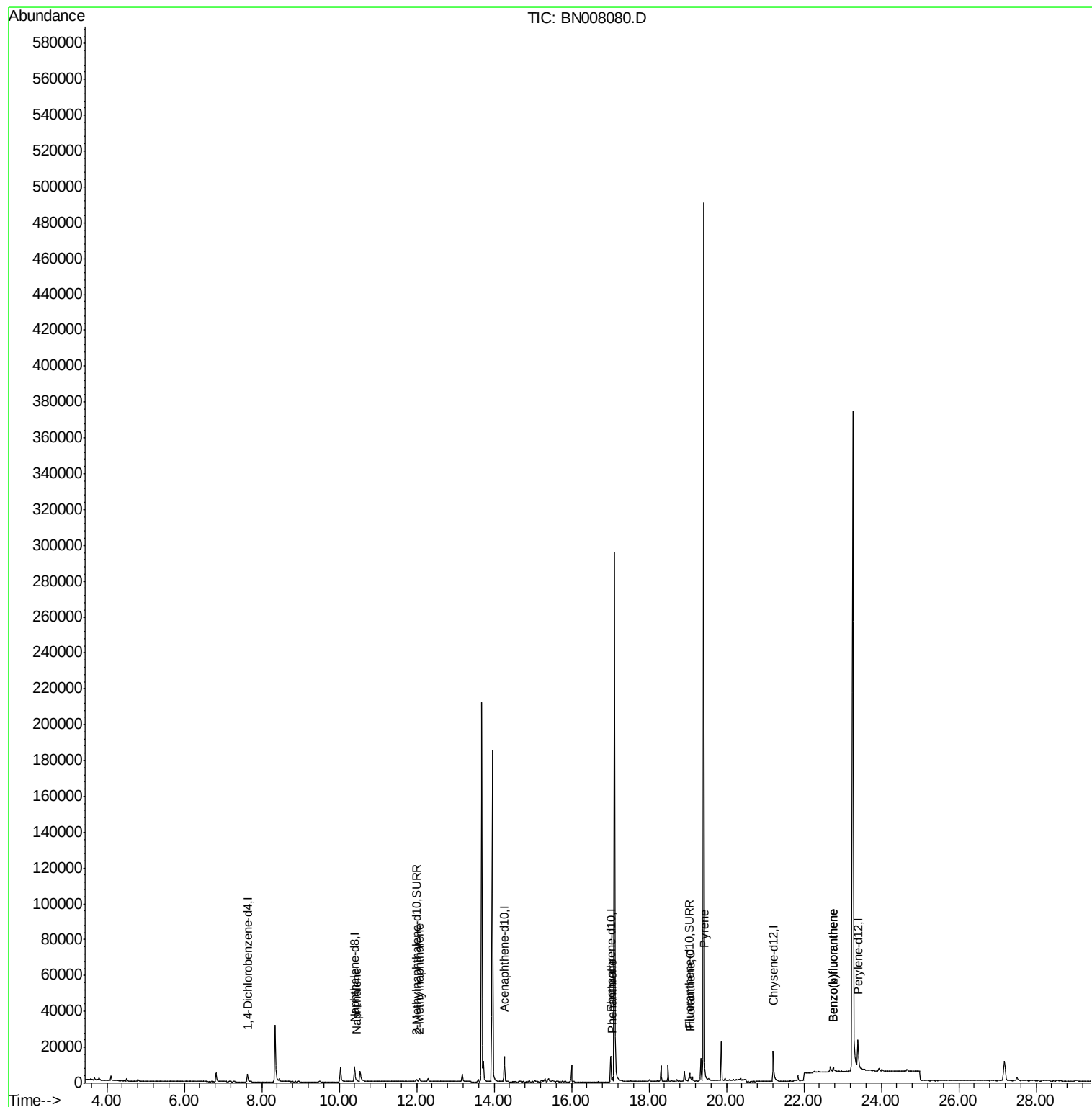
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2544	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	11725	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7918	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	17153	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17756	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	20978	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1461	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	5258	0.09	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.45	128	1576	0.047	ng/ul#	86
5) 2-Methylnaphthalene	12.07	142	1312	0.057	ng/ul	97
12) Phenanthrene	17.05	178	2240	0.045	ng/ul#	90
15) Fluoranthene	19.07	202	2090	0.032	ng/ul	89
17) Pyrene	19.44	202	2899	0.041	ng/ul#	82
21) Benzo(b)fluoranthene	22.76	252	1837	0.027	ng/ul#	1
22) Benzo(k)fluoranthene	22.76	252	1837	0.024	ng/ul#	1

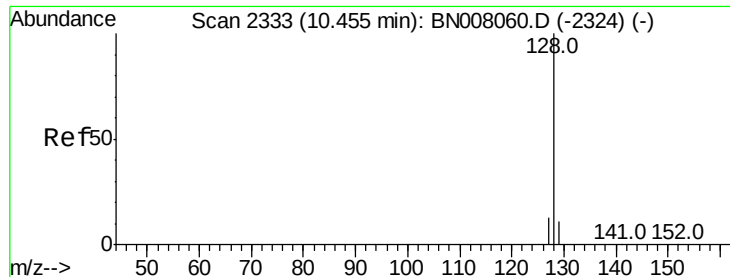
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.047 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN008080.D

Acq: 11 Oct 2019 16:43

Instrument :

BNA_N

ClientSampleId :

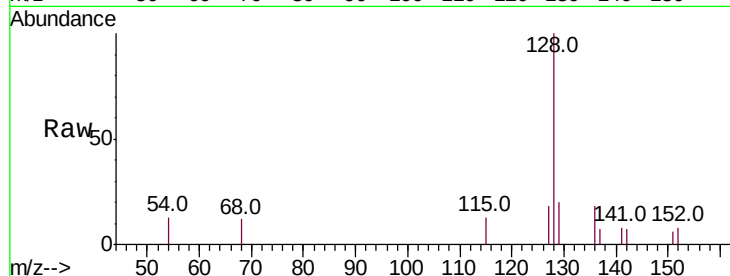
Tot Ion:128 Resp: 1576

Ion Ratio Lower Upper

128 100

129 20.0 9.8 14.8#

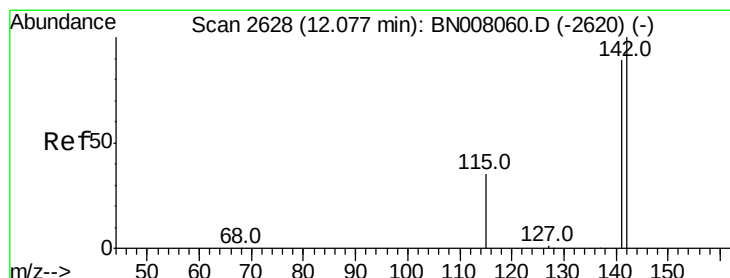
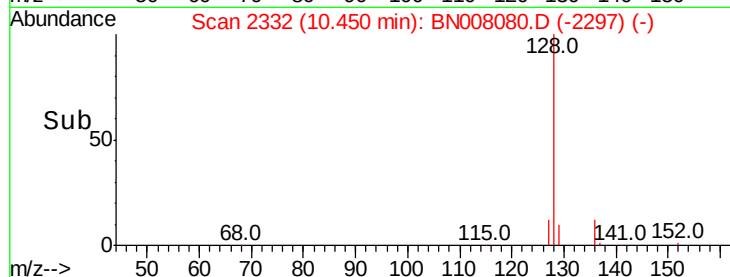
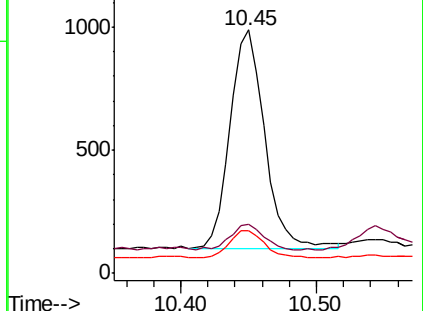
127 17.6 11.1 16.7#



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: 0.057 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BN008080.D

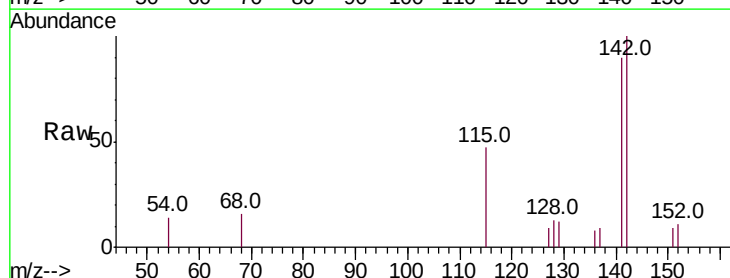
Acq: 11 Oct 2019 16:43

Tgt Ion:142 Resp: 1312

Ion Ratio Lower Upper

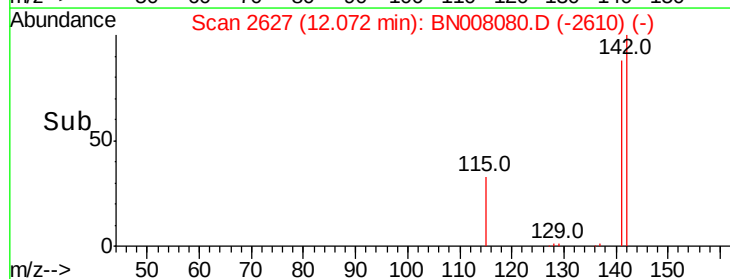
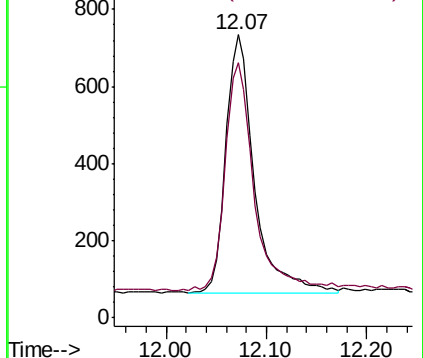
142 100

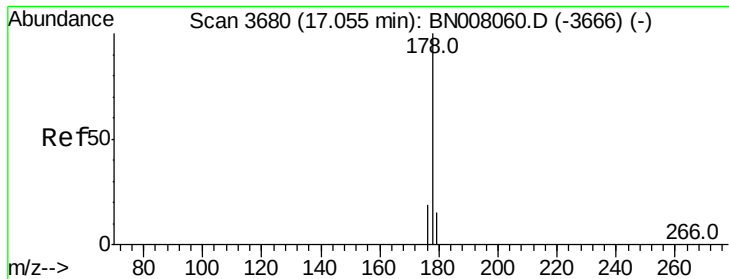
141 91.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.045 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN008080.D

Acq: 11 Oct 2019 16:43

Instrument :

BNA_N

ClientSampleId :

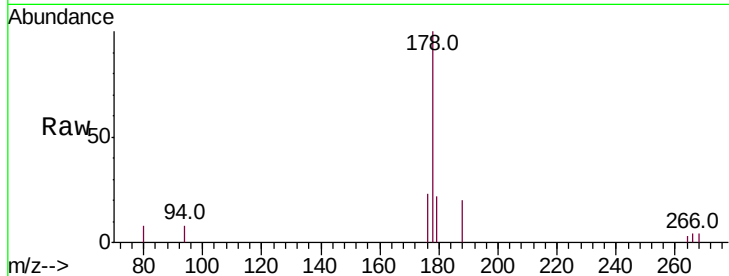
Tot Ion:178 Resp: 2240

Ion Ratio Lower Upper

178 100

179 21.5 12.8 19.2#

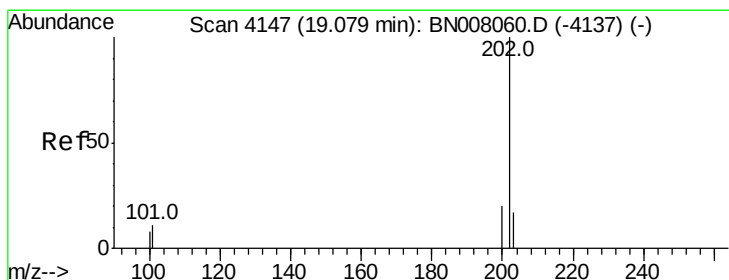
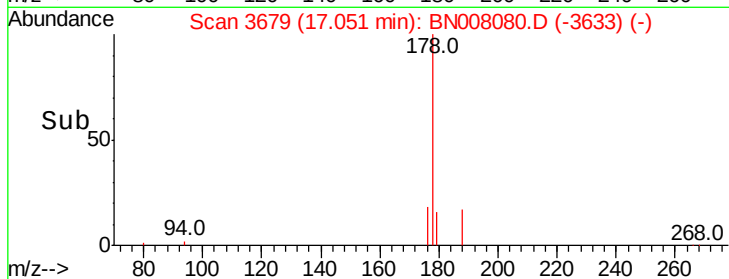
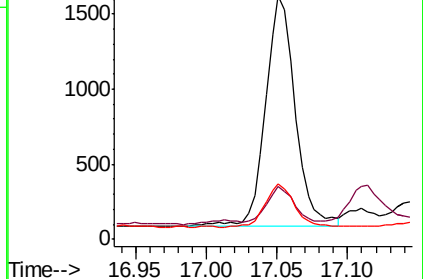
176 22.6 15.4 23.2



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



#15

Fluoranthene

Concen: 0.032 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN008080.D

Acq: 11 Oct 2019 16:43

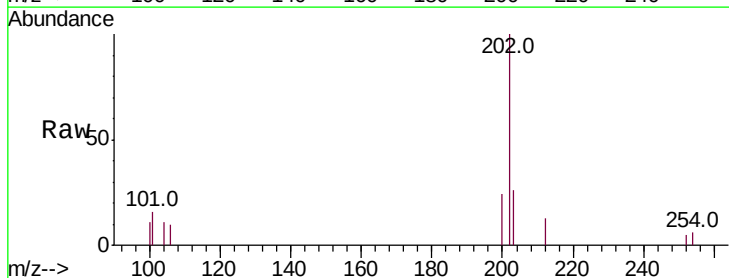
Tgt Ion:202 Resp: 2090

Ion Ratio Lower Upper

202 100

101 16.5 0.0 31.2

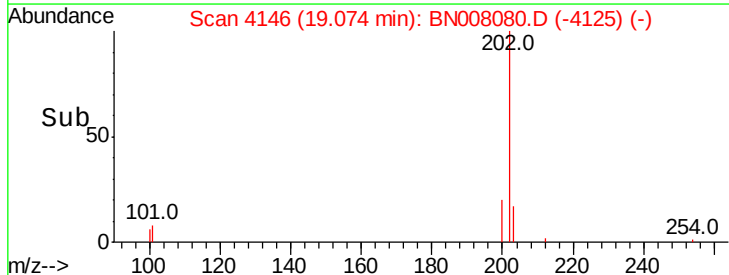
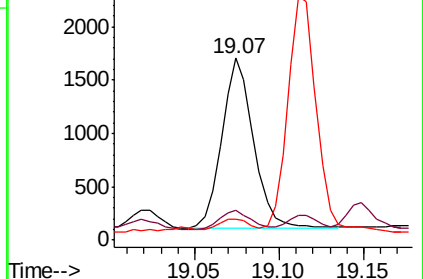
100 11.3 0.0 28.5

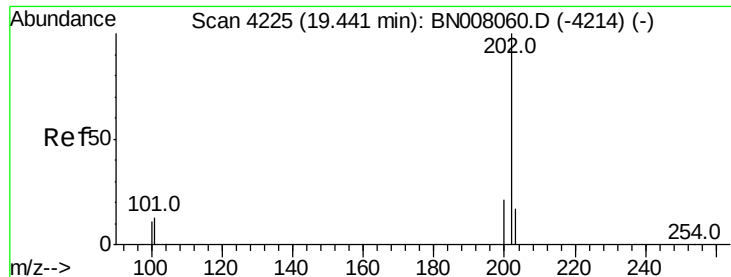


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.041 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008080.D

Acq: 11 Oct 2019 16:43

Instrument :

BNA_N

ClientSampleId :

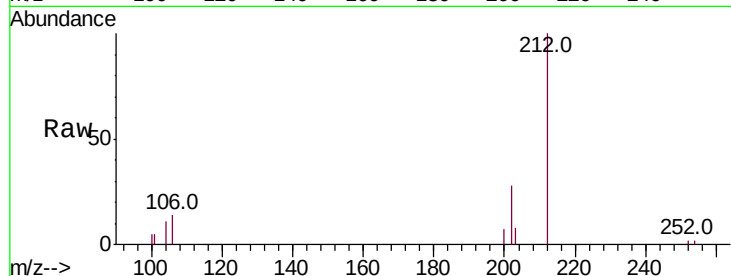
Tot Ion:202 Resp: 2899

Ion Ratio Lower Upper

202 100

101 19.3 10.9 16.3#

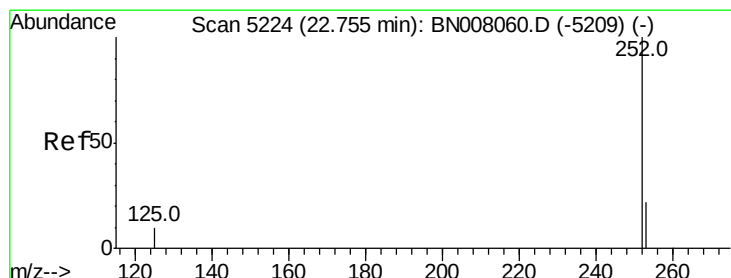
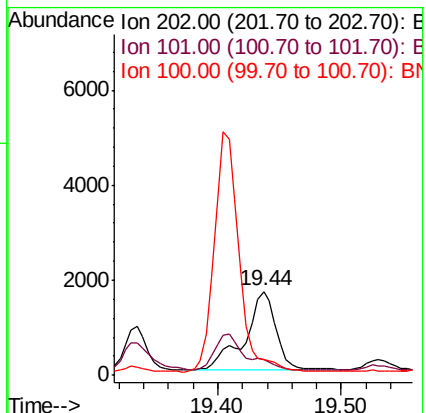
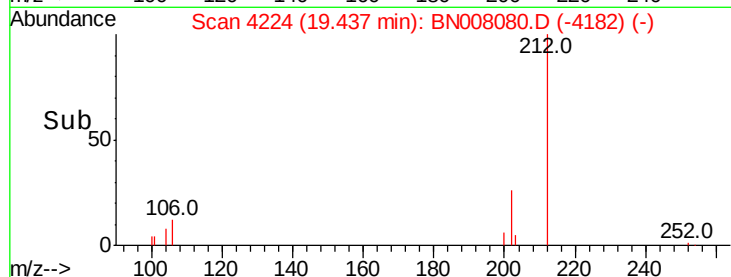
100 19.4 8.7 13.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#21

Benzo(b)fluoranthene

Concen: 0.027 ng/ul

RT: 22.76 min Scan# 5225

Delta R.T. 0.00 min

Lab File: BN008080.D

Acq: 11 Oct 2019 16:43

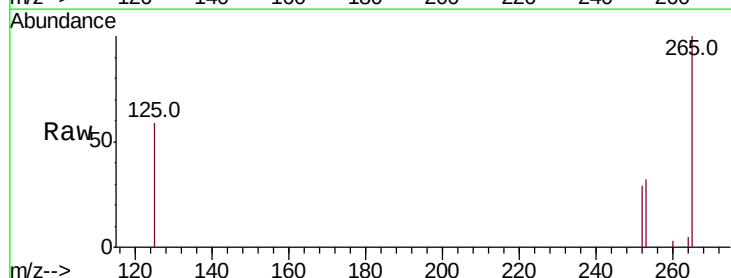
Tgt Ion:252 Resp: 1837

Ion Ratio Lower Upper

252 100

253 109.1 0.0 53.4#

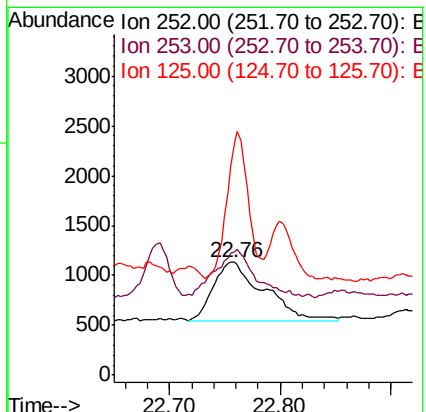
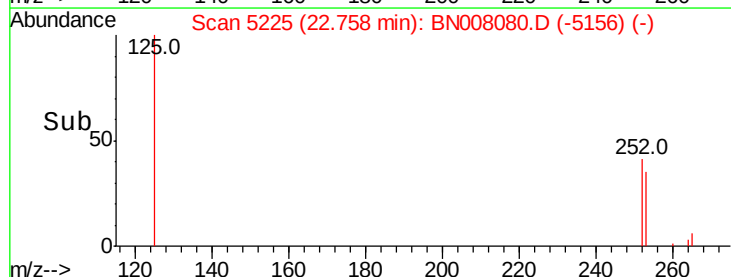
125 205.7 0.0 32.4#

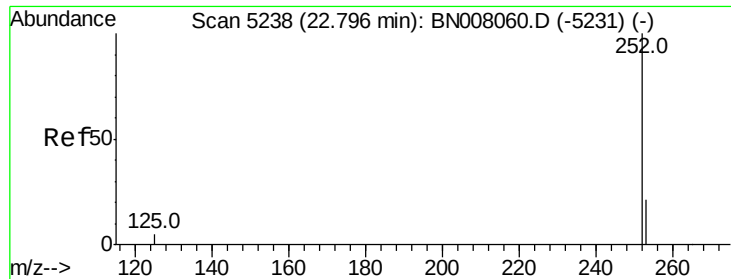


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 22.76 min Scan# 5225

Delta R.T. -0.04 min

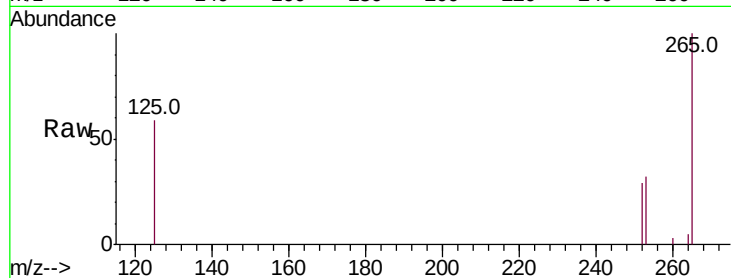
Lab File: BN008080.D

Acq: 11 Oct 2019 16:43

Instrument :

BNA_N

ClientSampleId :



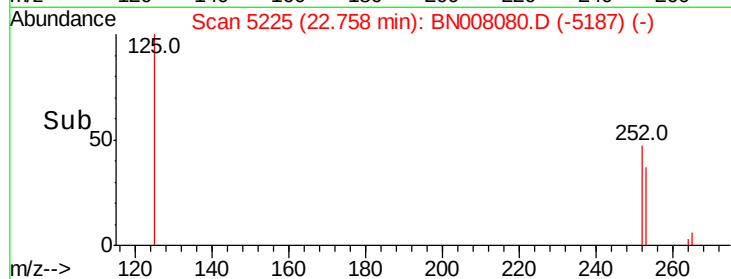
Tot Ion: 252 Resp: 1837

Ion Ratio Lower Upper

252 100

253 109.1 21.3 31.9#

125 205.7 12.3 18.5#



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

