

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
 Data File : BN005738.D
 Acq On : 17 May 2019 20:08
 Operator : JU/SJ
 Sample : K2788-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51A3

Quant Time: May 18 00:51:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 04:47:07 2019
 Response via : Initial Calibration

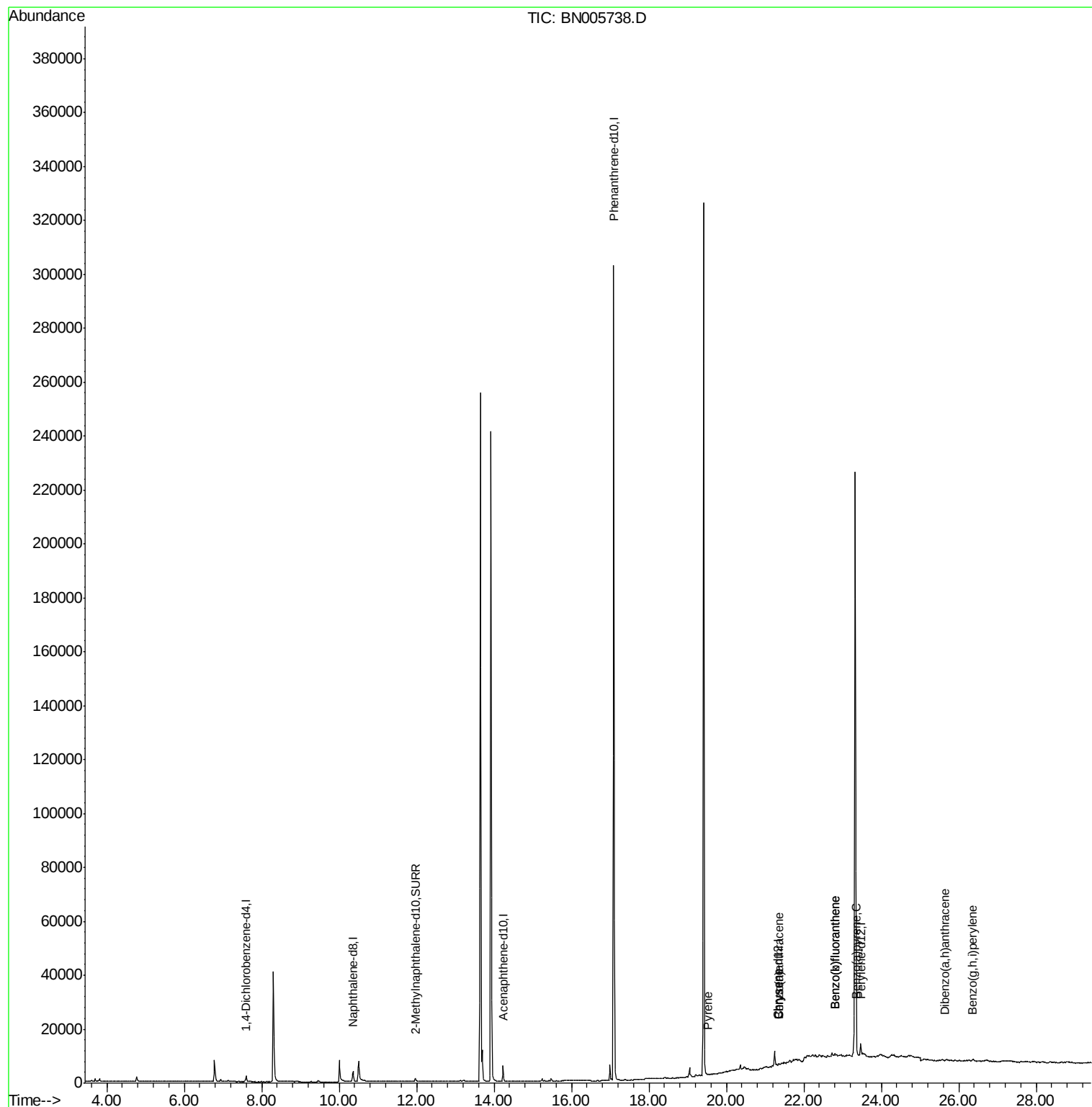
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1315	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	5268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3363	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	368416	0.40	ng/ul	0.11
16) Chrysene-d12	21.33	240	107	0.40	ng/ul	0.12
20) Perylene-d12	23.46	264	5621	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1896	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.52	202	78	0.197	ng/ul#	47
18) Benzo(a)anthracene	21.36	228	227	0.615	ng/ul#	1
19) Chrysene	21.36	228	41	0.091	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	1411	0.083	ng/ul#	1
22) Benzo(k)fluoranthene	22.80	252	1103	0.052	ng/ul#	1
23) Benzo(a)pyrene	23.37	252	502	0.027	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.66	278	406	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	1703	0.095	ng/ul#	1

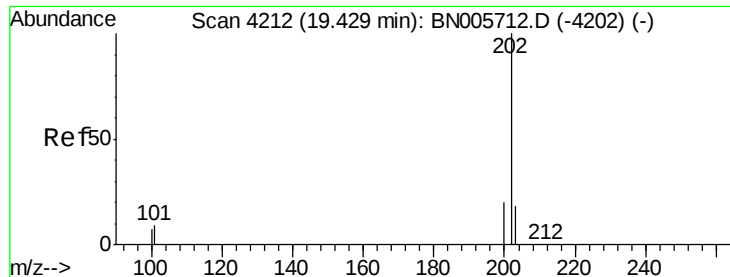
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.197 ng/ul

RT: 19.52 min Scan# 4232

Delta R.T. 0.09 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

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ClientSampleId :

A51A3

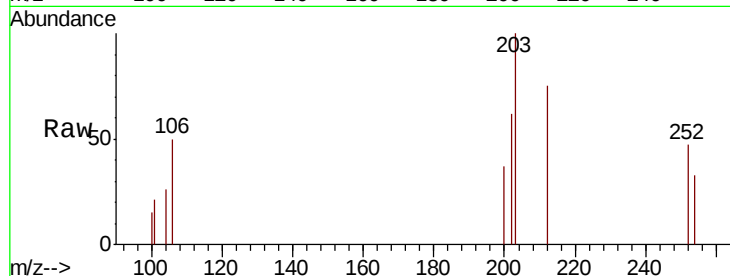
Tgt Ion:202 Resp: 78

Ion Ratio Lower Upper

202 100

101 34.3 8.5 12.7#

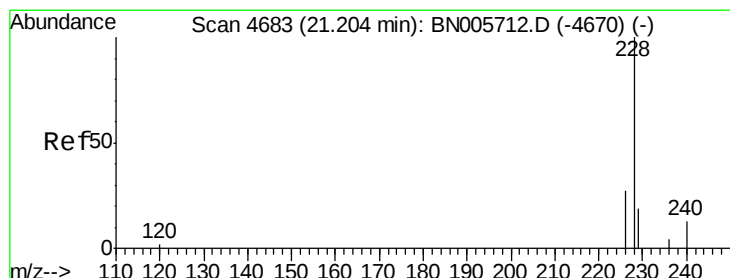
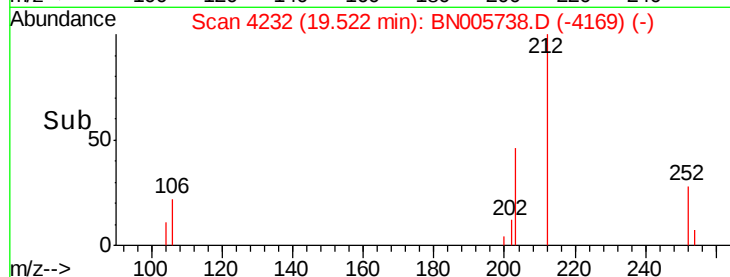
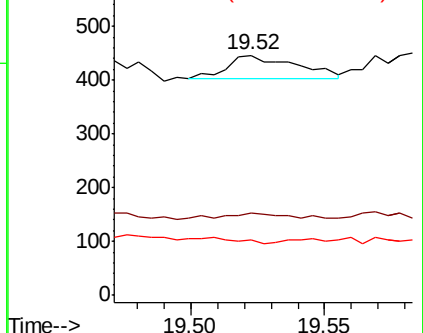
100 23.3 6.9 10.3#



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



#18

Benzo(a)anthracene

Concen: 0.615 ng/ul

RT: 21.36 min Scan# 4735

Delta R.T. 0.15 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

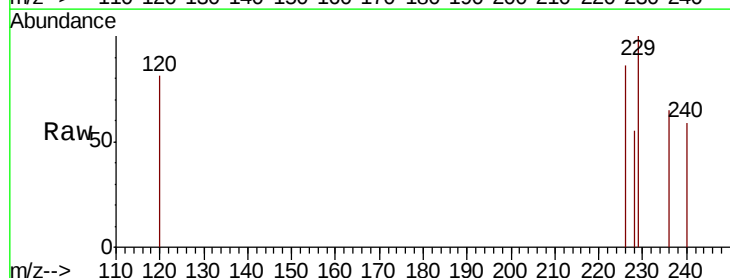
Tgt Ion:228 Resp: 227

Ion Ratio Lower Upper

228 100

229 182.5 15.8 23.8#

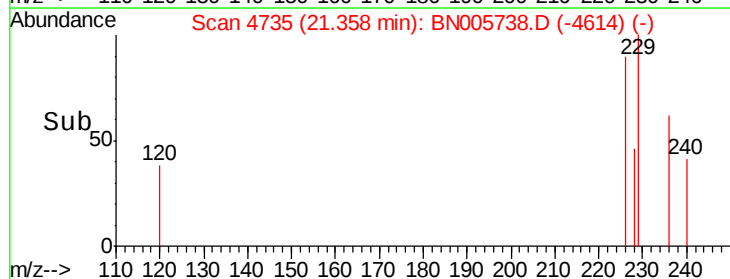
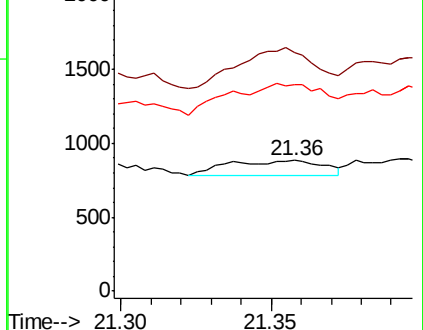
226 157.6 21.7 32.5#

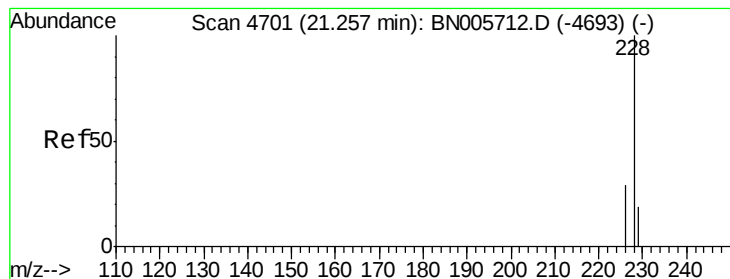


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.091 ng/ul

RT: 21.36 min Scan# 4735

Delta R.T. 0.10 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

Instrument :

BNA_N

ClientSampleId :

A51A3

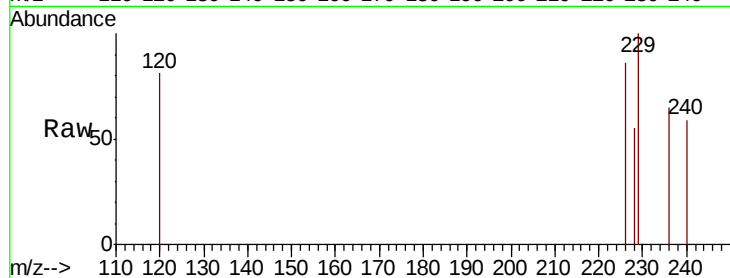
Tgt Ion:228 Resp: 41

Ion Ratio Lower Upper

228 100

226 157.6 23.2 34.8#

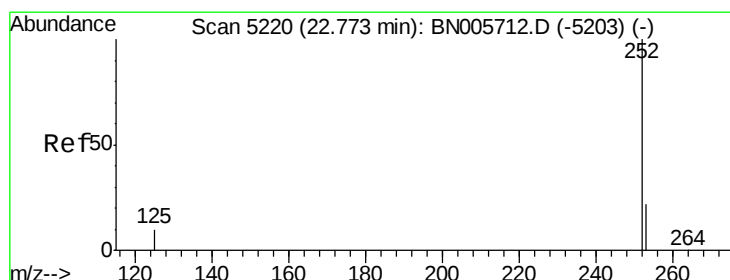
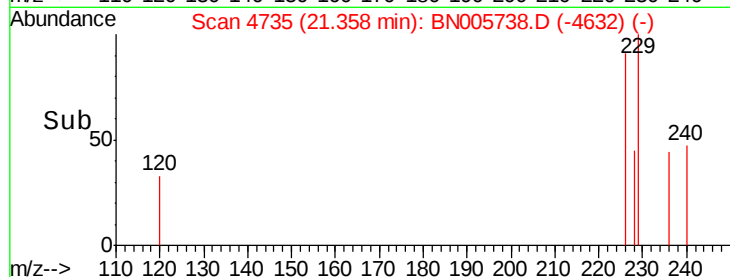
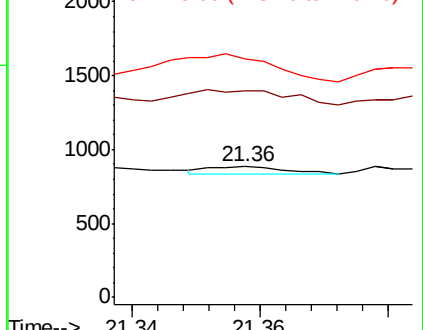
229 182.5 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.083 ng/ul

RT: 22.80 min Scan# 5230

Delta R.T. 0.03 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

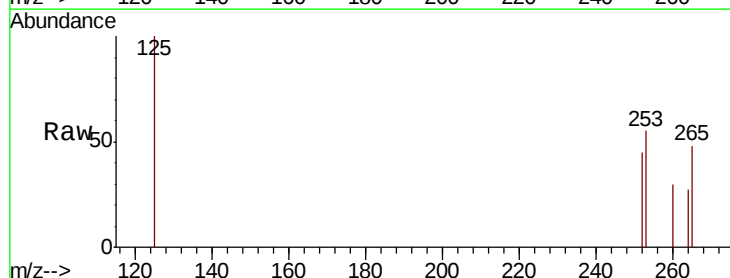
Tgt Ion:252 Resp: 1411

Ion Ratio Lower Upper

252 100

253 122.8 0.0 47.6#

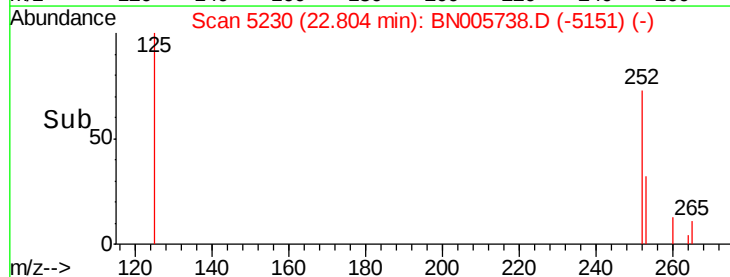
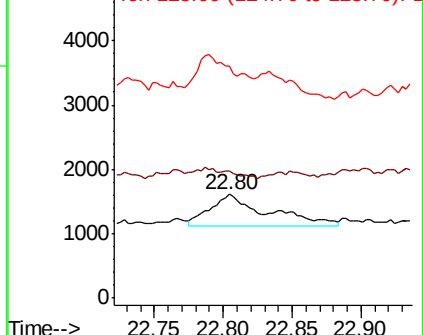
125 224.1 0.0 20.8#

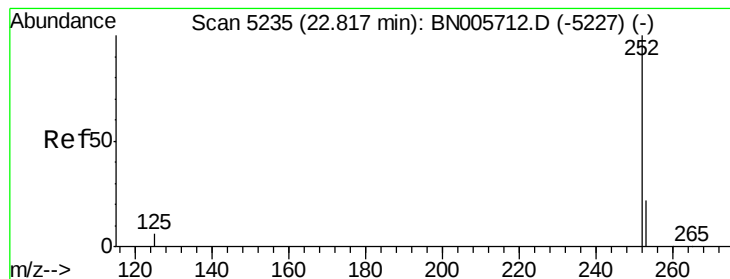


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.052 ng/u1

RT: 22.80 min Scan# 5230

Delta R.T. -0.01 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

Instrument :

BNA_N

ClientSampleId :

A51A3

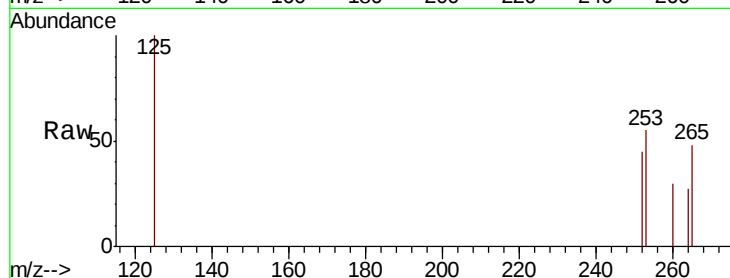
Tgt Ion:252 Resp: 1103

Ion Ratio Lower Upper

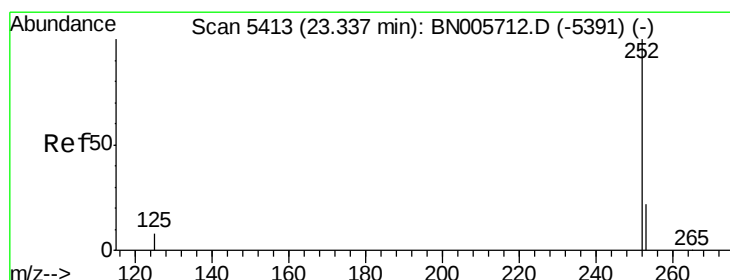
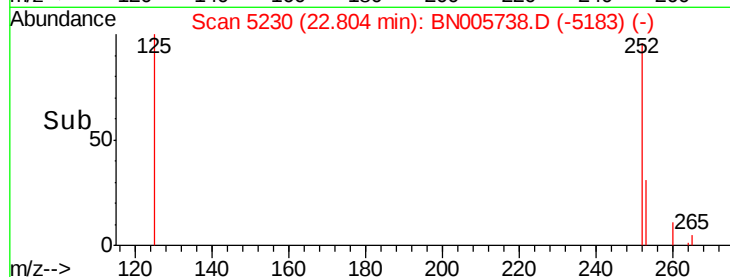
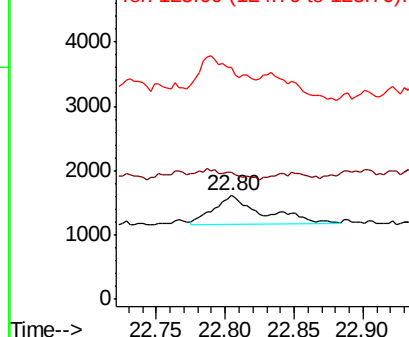
252 100

253 122.8 18.8 28.2#

125 224.1 7.6 11.4#



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



#23

Benzo(a)pyrene

Concen: 0.027 ng/u1

RT: 23.37 min Scan# 5423

Delta R.T. 0.03 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

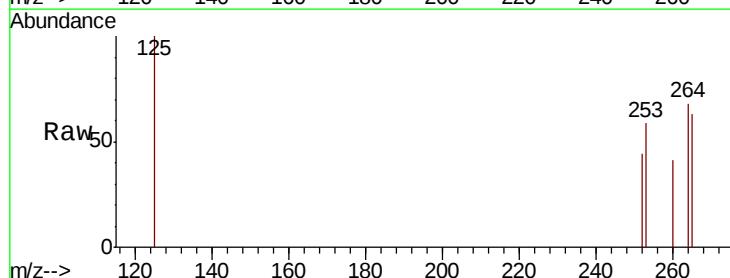
Tgt Ion:252 Resp: 502

Ion Ratio Lower Upper

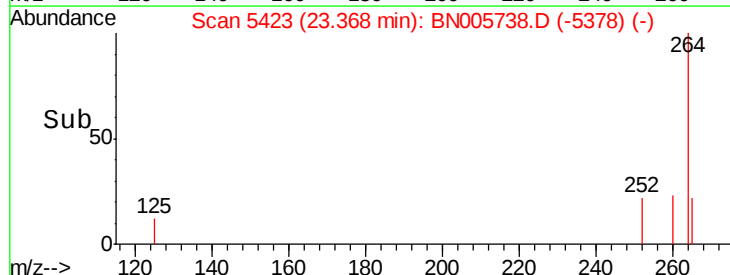
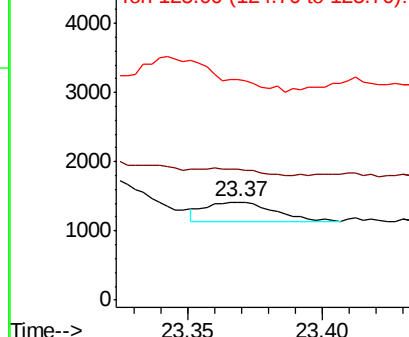
252 100

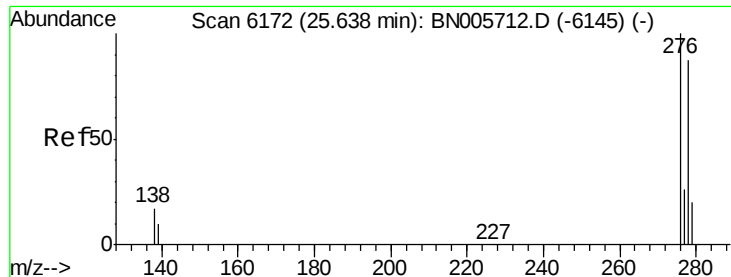
253 133.8 19.6 29.4#

125 225.3 10.1 15.1#



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





#25

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 25.66 min Scan# 6177

Delta R.T. 0.02 min

Lab File: BN005738.D

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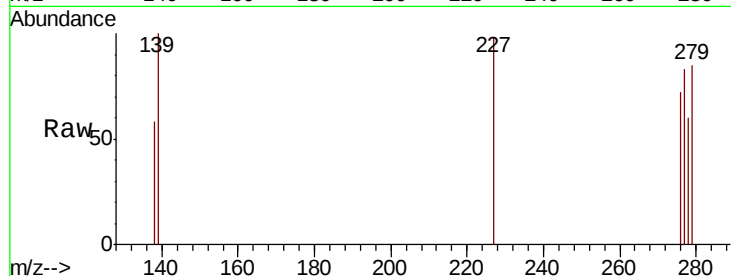
Tgt Ion: 278 Resp: 406

Ion Ratio Lower Upper

278 100

139 167.4 12.4 18.6#

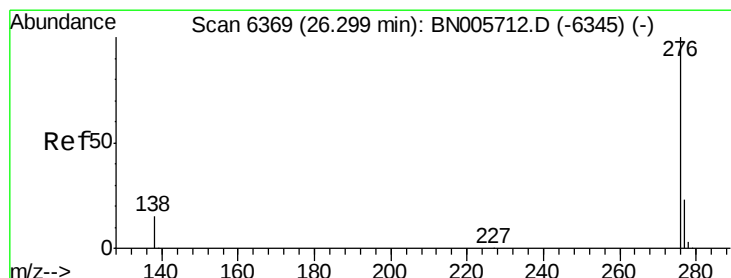
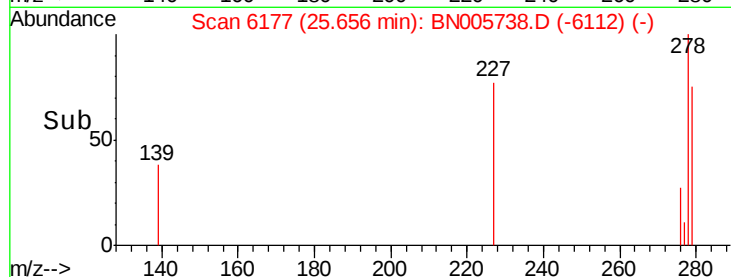
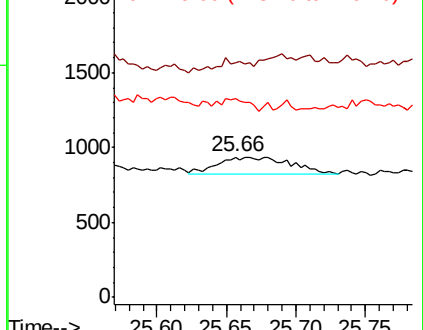
279 142.1 21.0 31.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.095 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.06 min

Lab File: BN005738.D

Acq: 17 May 2019 20:08

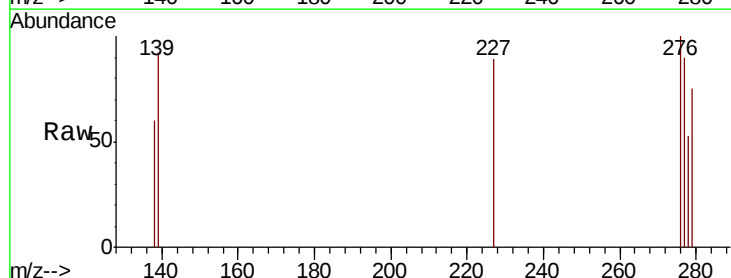
Tgt Ion: 276 Resp: 1703

Ion Ratio Lower Upper

276 100

138 60.2 15.6 23.4#

277 90.3 20.6 31.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

