

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
 Data File : BM028713.D
 Acq On : 10 Feb 2021 20:32
 Operator : CG/JU
 Sample : M1310-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 23:36:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 14:28:04 2021
 Response via : Initial Calibration

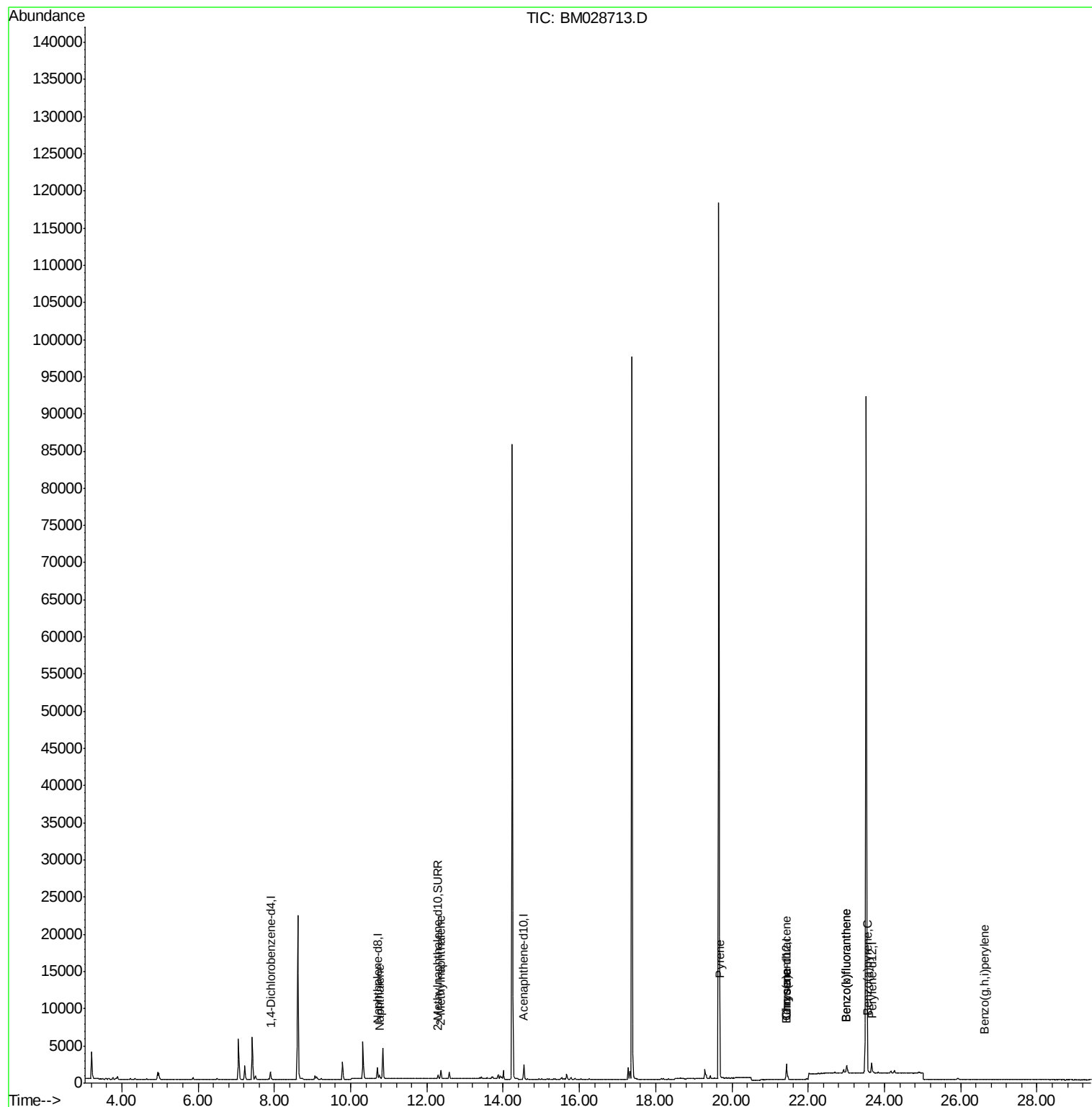
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	505	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	2041	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1073	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.28
16) Chrysene-d12	21.43	240	1717	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1707	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	706	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1279	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.75	128	653	0.129	ng/ul#	84
5) 2-Methylnaphthalene	12.37	142	828	0.243	ng/ul	98
17) Pyrene	19.68	202	490	0.079	ng/ul#	73
18) Benzo(a)anthracene	21.41	228	183	0.031	ng/ul#	40
19) Chrysene	21.44	228	747	0.128	ng/ul#	71
21) Benzo(b)fluoranthene	22.99	252	473	0.081	ng/ul#	1
22) Benzo(k)fluoranthene	22.99	252	473	0.081	ng/ul#	1
23) Benzo(a)pyrene	23.56	252	144	0.028	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	194	0.034	ng/ul#	25

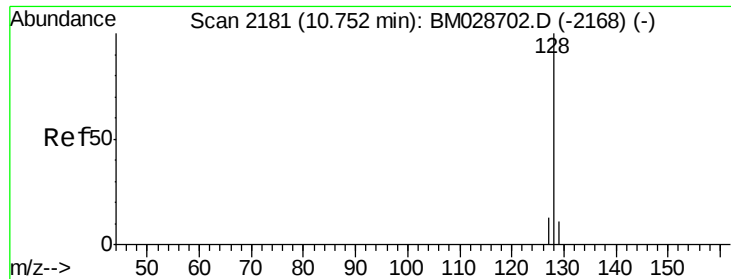
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.75 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

Instrument :

BNA_M

ClientSampleId :

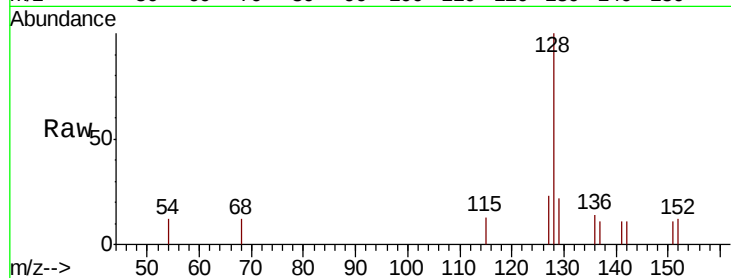
Tot Ion:128 Resp: 653

Ion Ratio Lower Upper

128 100

129 21.8 11.4 17.2#

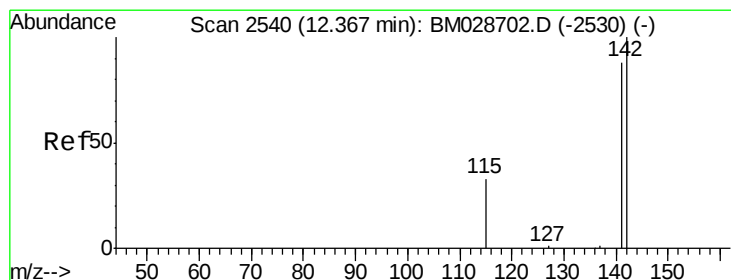
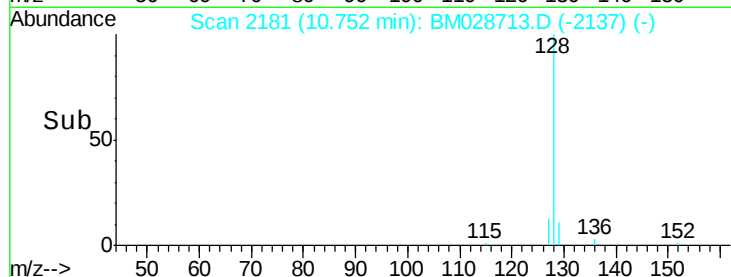
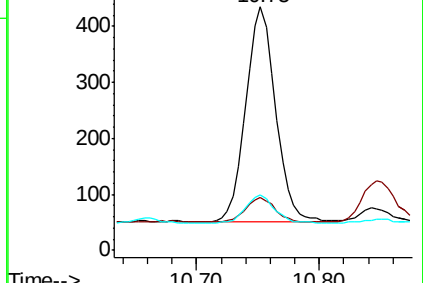
127 22.5 13.0 19.6#



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



#5

2-Methylnaphthalene

Concen: 0.243 ng/ul

RT: 12.37 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BM028713.D

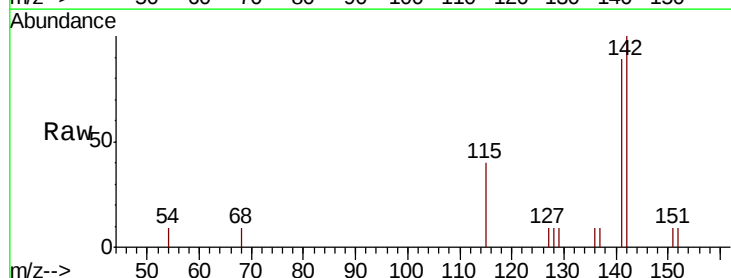
Acq: 10 Feb 2021 20:32

Tgt Ion:142 Resp: 828

Ion Ratio Lower Upper

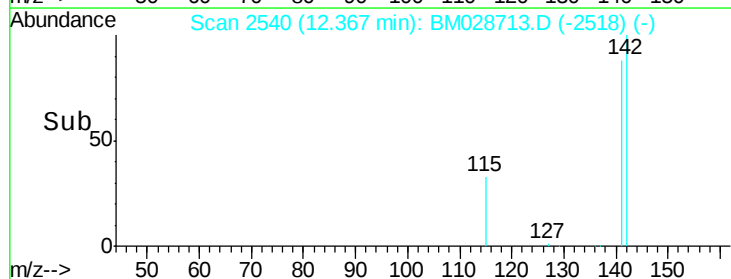
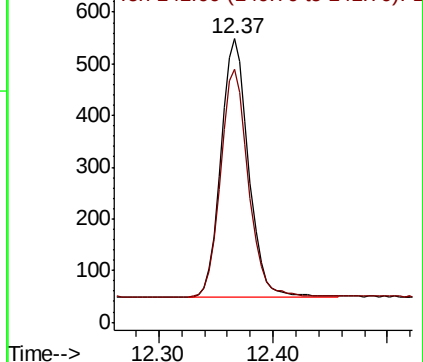
142 100

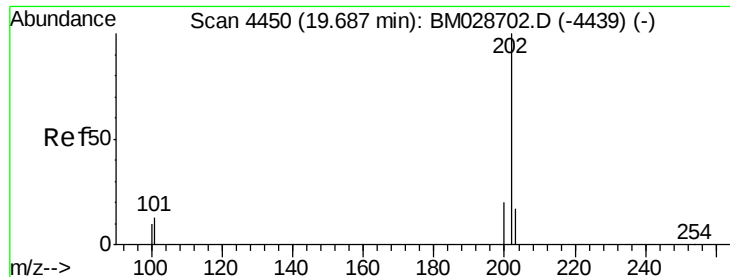
141 88.4 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 0.079 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

Instrument :

BNA_M

ClientSampleId :

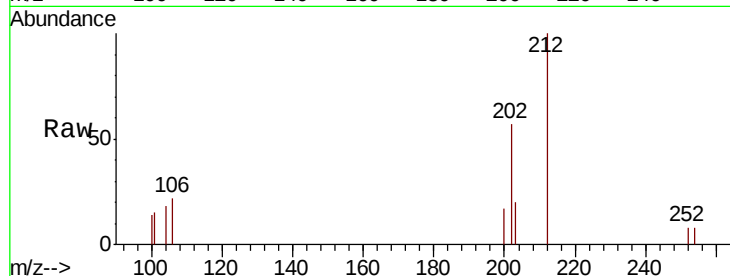
Tot Ion:202 Resp: 490

Ion Ratio Lower Upper

202 100

101 27.0 12.7 19.1#

100 24.0 10.2 15.4#

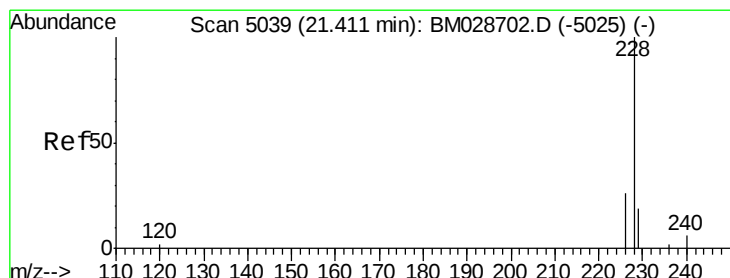
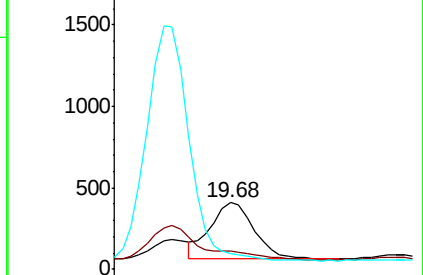
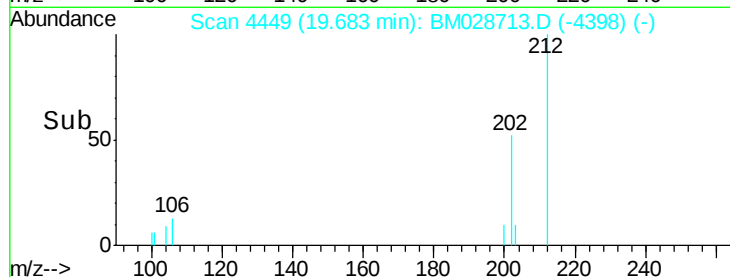


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#18

Benzo(a)anthracene

Concen: 0.031 ng/ul

RT: 21.41 min Scan# 5039

Delta R.T. 0.00 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

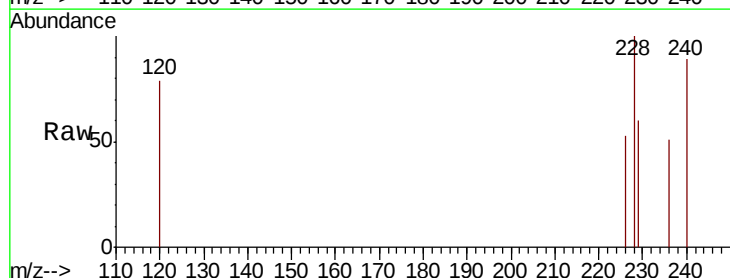
Tgt Ion:228 Resp: 183

Ion Ratio Lower Upper

228 100

229 60.5 18.9 28.3#

226 53.5 22.6 34.0#

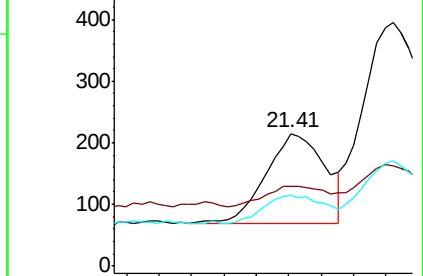
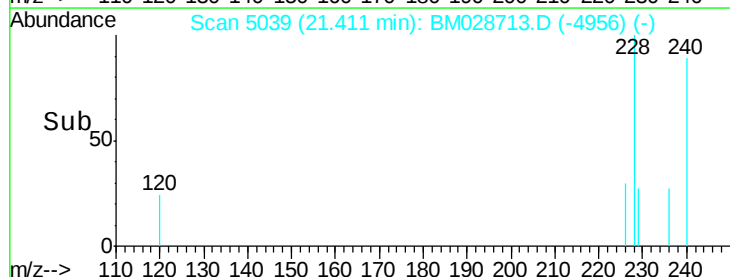


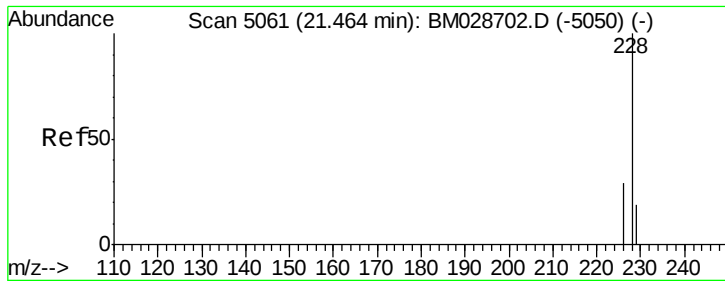
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#19

Chrysene

Concen: 0.128 ng/ul

RT: 21.44 min Scan# 5052

Delta R.T. -0.02 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

Instrument :

BNA_M

ClientSampleId :

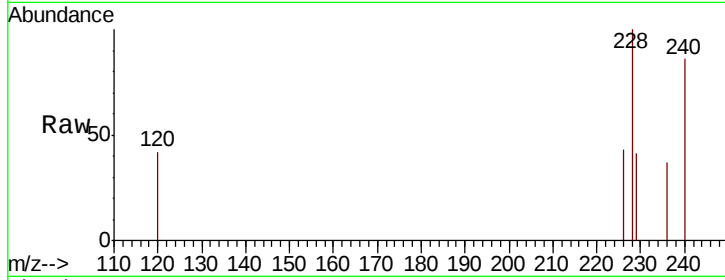
Tot Ion:228 Resp: 747

Ion Ratio Lower Upper

228 100

226 43.3 24.6 37.0#

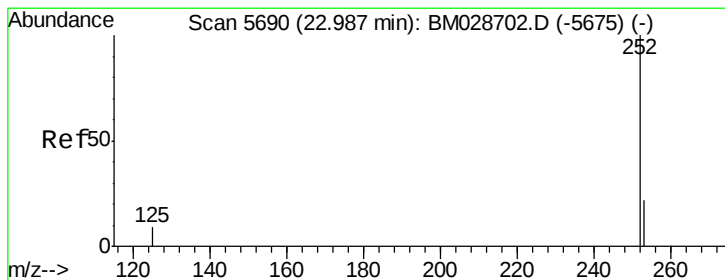
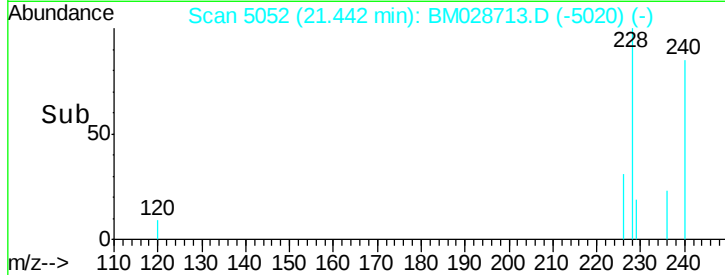
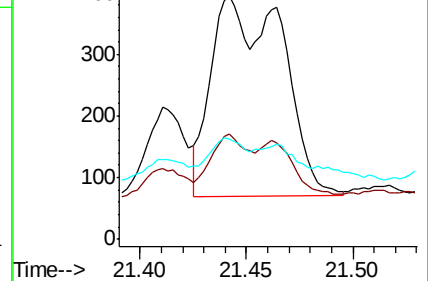
229 41.3 18.8 28.2#



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: 0.081 ng/ul

RT: 22.99 min Scan# 5692

Delta R.T. 0.00 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

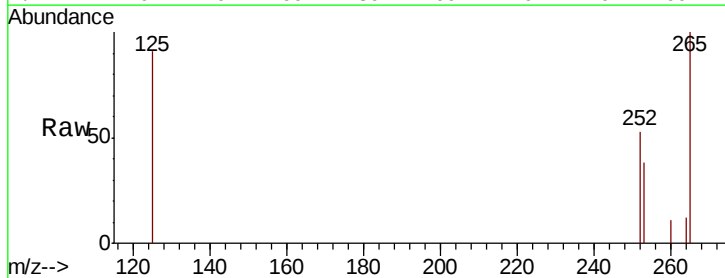
Tgt Ion:252 Resp: 473

Ion Ratio Lower Upper

252 100

253 71.7 0.0 67.0#

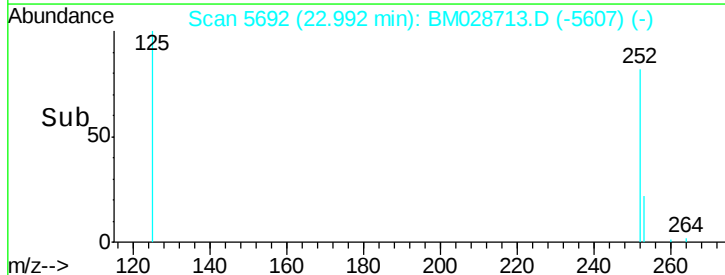
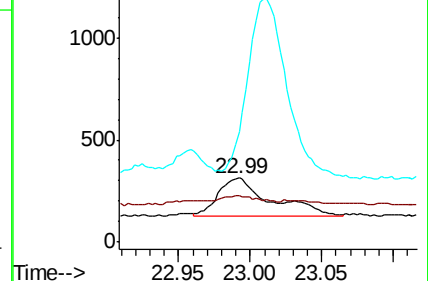
125 172.1 0.0 57.4#

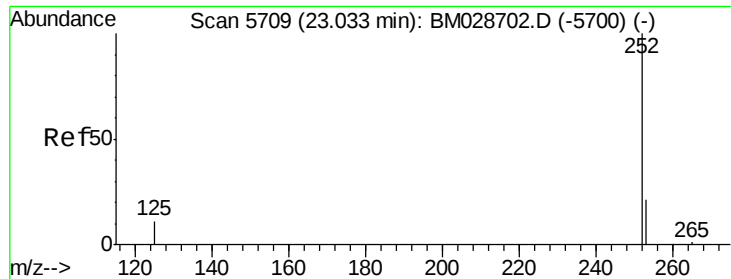


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.081 ng/ul

RT: 22.99 min Scan# 5692

Delta R.T. -0.04 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

Instrument :

BNA_M

ClientSampleId :

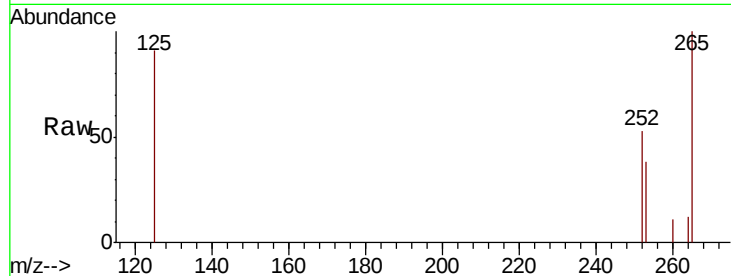
Tot Ion:252 Resp: 473

Ion Ratio Lower Upper

252 100

253 71.7 26.3 39.5#

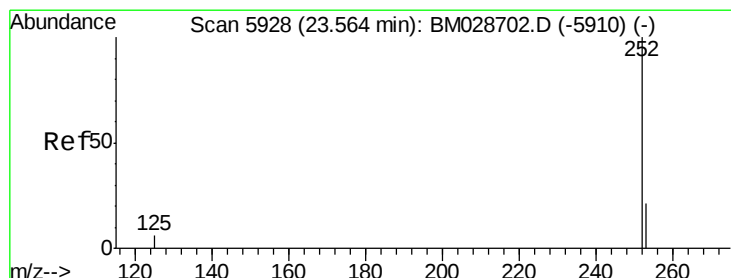
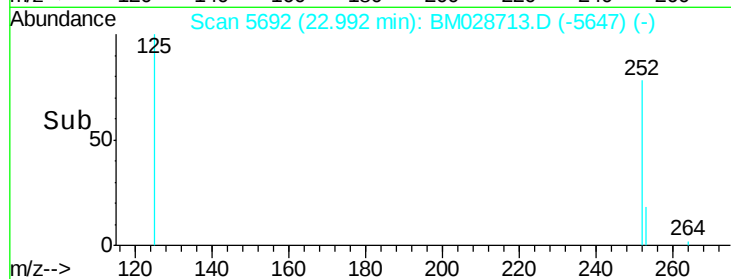
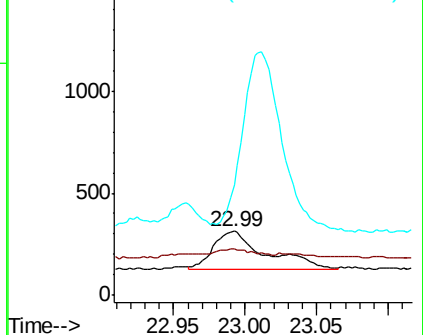
125 172.1 22.9 34.3#



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: 0.028 ng/ul

RT: 23.56 min Scan# 5928

Delta R.T. 0.00 min

Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

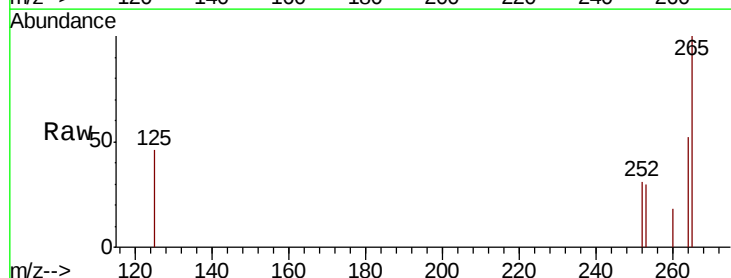
Tgt Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 96.1 28.7 43.1#

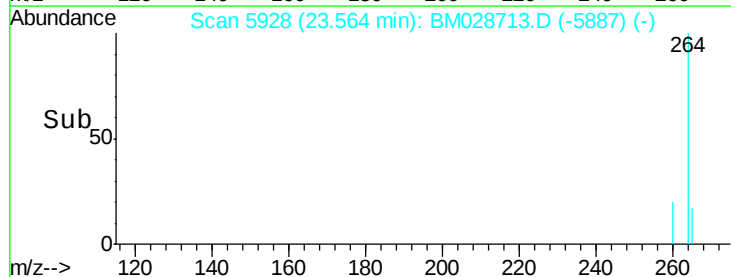
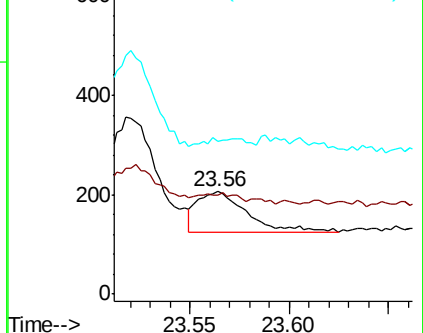
125 148.5 27.9 41.9#

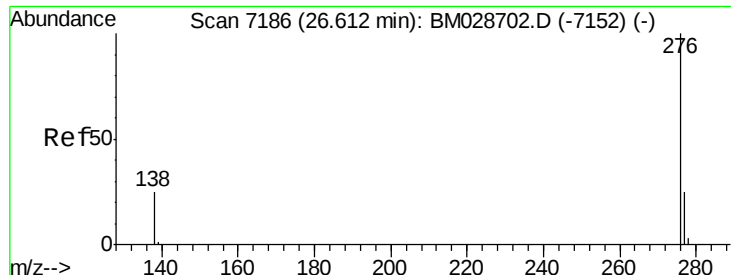


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.034 ng/ul

RT: 26.61 min Scan# 7185

Delta R.T. -0.00 min

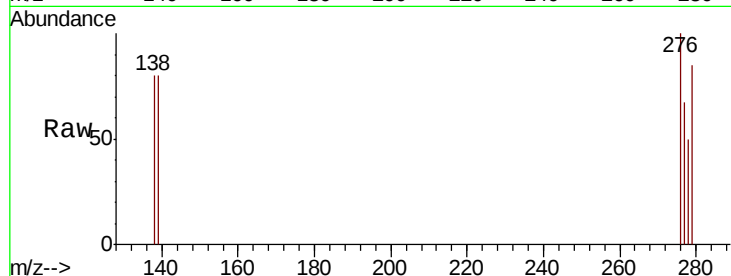
Lab File: BM028713.D

Acq: 10 Feb 2021 20:32

Instrument :

BNA_M

ClientSampleId :



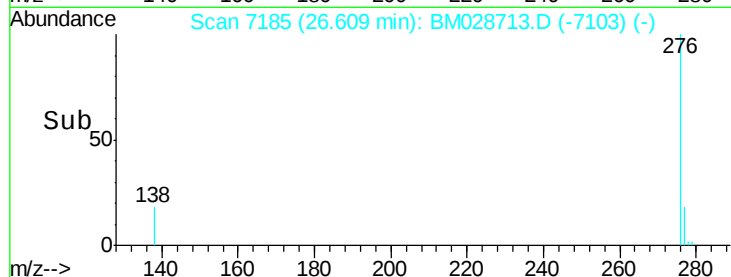
Tot Ion: 276 Resp: 194

Ion Ratio Lower Upper

276 100

138 79.7 25.4 38.2#

277 66.9 25.3 37.9#



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

