

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028828.D
 Acq On : 19 Feb 2021 20:06
 Operator : CG/JU
 Sample : M1412-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY1

Quant Time: Feb 20 01:39:11 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 : Sat Feb 20 01:10:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	341	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1386	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1615	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1440	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1439	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	390	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	855	0.21	ng/ul	0.00

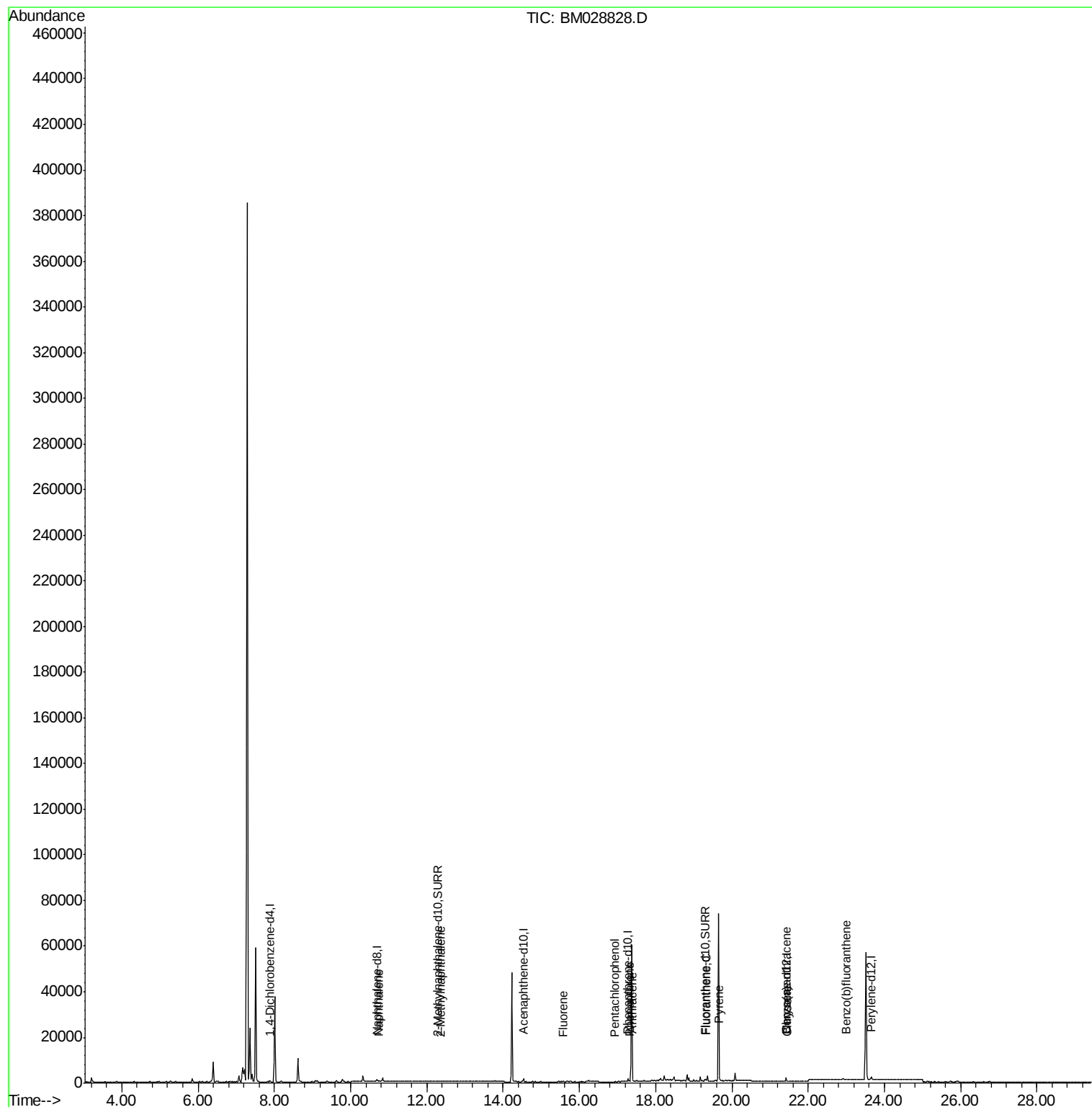
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	138	0.040	ng/ul#	19
5) 2-Methylnaphthalene	12.35	142	53	0.023	ng/ul	94
9) Fluorene	15.58	166	60	0.021	ng/ul#	75
11) Pentachlorophenol	16.93	266	28	0.066	ng/ul#	29
12) Phenanthrene	17.31	178	388	0.086	ng/ul#	67
13) Anthracene	17.40	178	169	0.039	ng/ul#	33
15) Fluoranthene	19.32	202	423	0.082	ng/ul	70
17) Pyrene	19.68	202	324	0.062	ng/ul#	62
18) Benzo(a)anthracene	21.41	228	108	0.022	ng/ul#	1
19) Chrysene	21.46	228	184	0.038	ng/ul#	24
21) Benzo(b)fluoranthene	22.98	252	198	0.040	ng/ul#	1

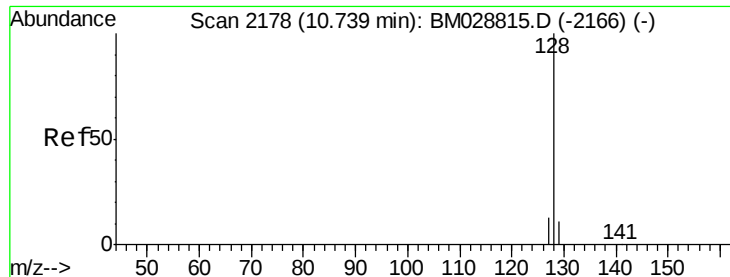
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.74 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

Instrument :

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ClientSampleId :

DBGY1

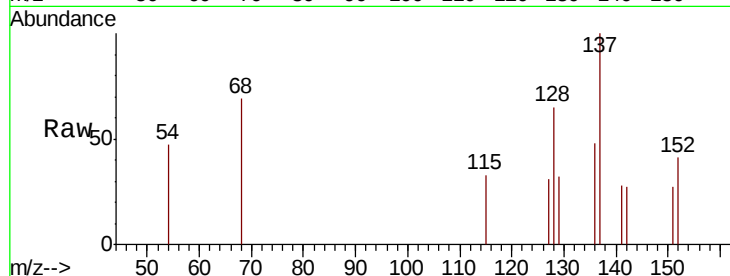
Tot Ion:128 Resp: 138

Ion Ratio Lower Upper

128 100

129 50.0 11.4 17.2#

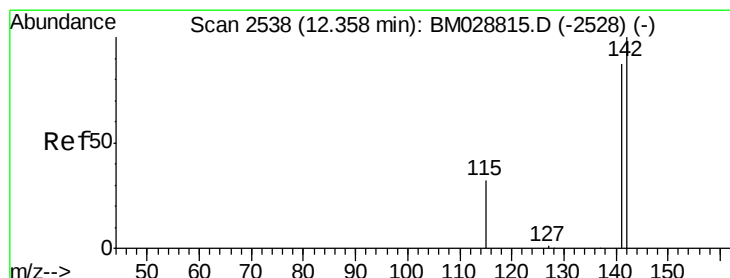
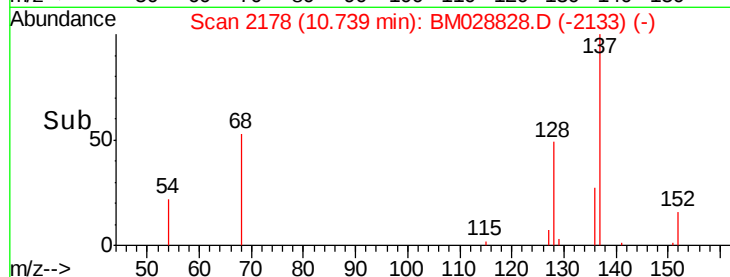
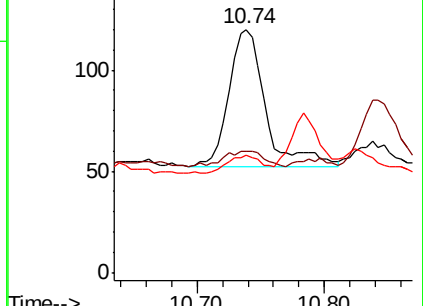
127 48.3 13.0 19.6#



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



#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.35 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BM028828.D

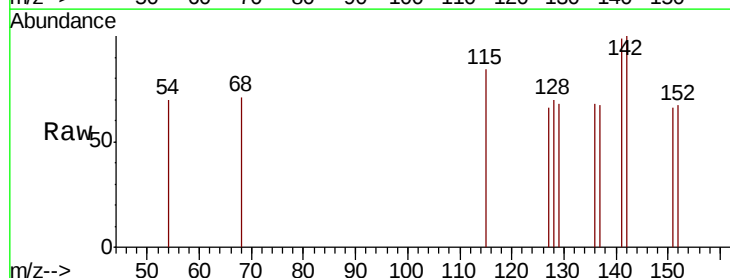
Acq: 19 Feb 2021 20:06

Tgt Ion:142 Resp: 53

Ion Ratio Lower Upper

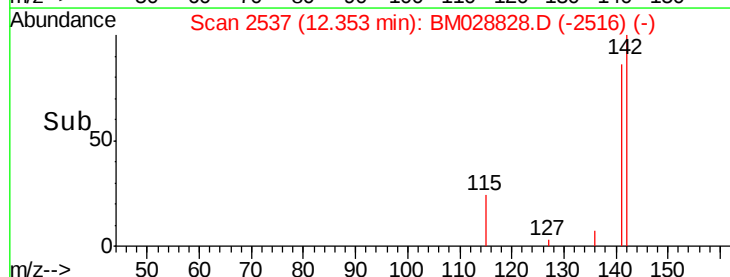
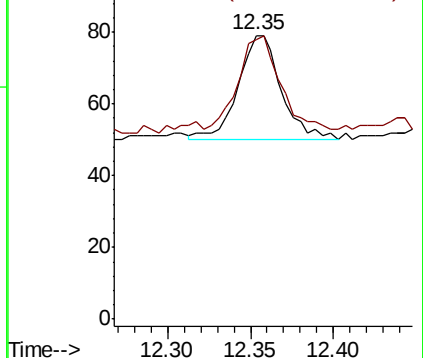
142 100

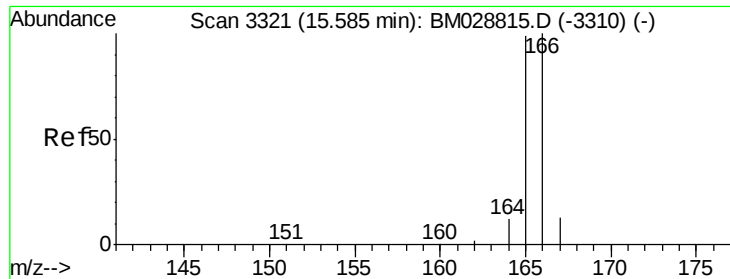
141 84.9 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.58 min Scan# 3320

Delta R.T. -0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

Instrument :

BNA_M

ClientSampleId :

DBGY1

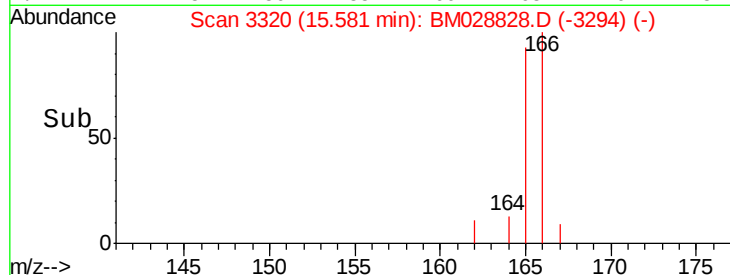
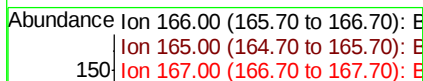
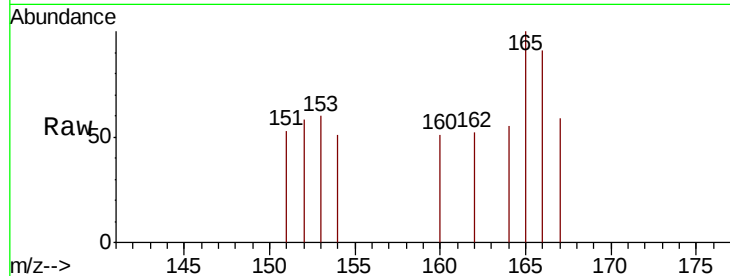
Tot Ion:166 Resp: 60

Ion Ratio Lower Upper

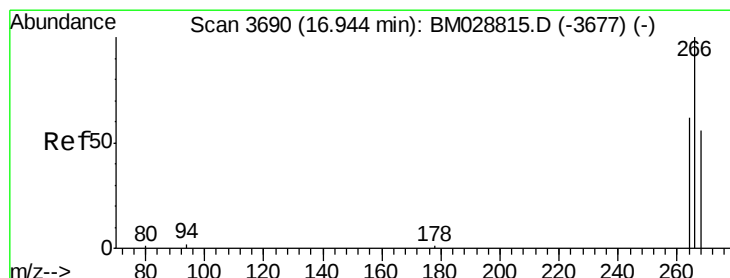
166 100

165 109.9 79.6 119.4

167 64.4 13.9 20.9#



Time-->



#11

Pentachlorophenol

Concen: 0.066 ng/ul

RT: 16.93 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

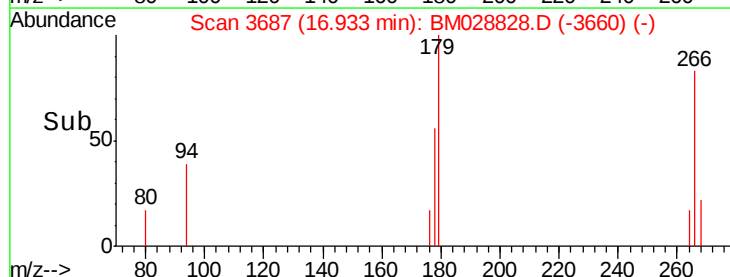
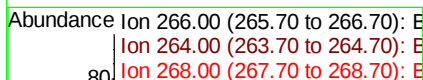
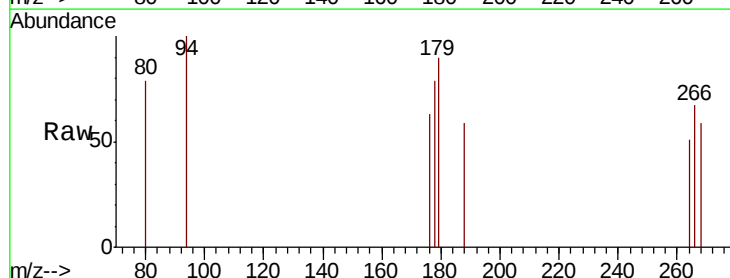
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

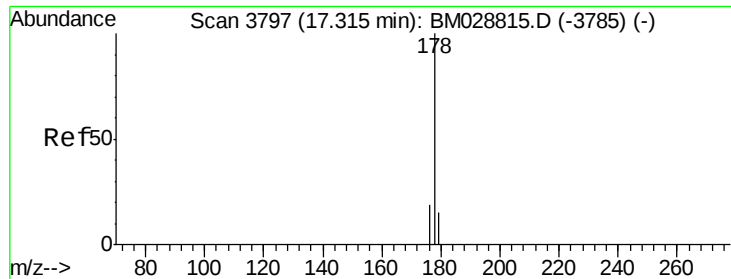
266 100

264 10.7 51.0 76.4#

268 7.1 53.0 79.4#



Time-->



#12

Phenanthrene

Concen: 0.086 ng/ul

RT: 17.31 min Scan# 3796

Delta R.T. -0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

Instrument :

BNA_M

ClientSampleId :

DBGY1

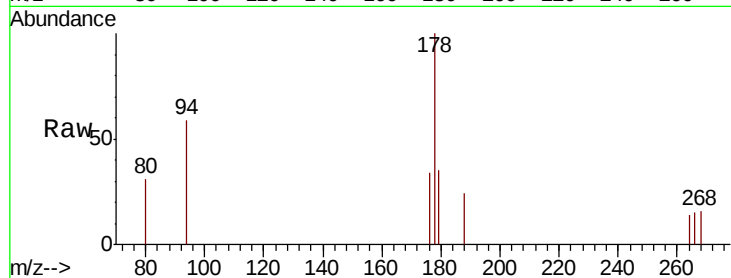
Tot Ion:178 Resp: 388

Ion Ratio Lower Upper

178 100

179 35.3 14.7 22.1#

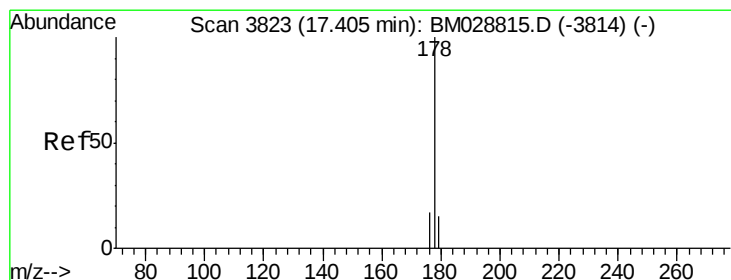
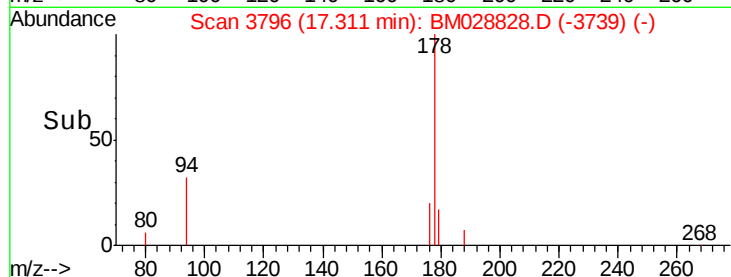
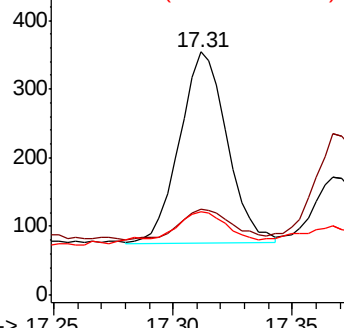
176 34.2 16.7 25.1#



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



#13

Anthracene

Concen: 0.039 ng/ul

RT: 17.40 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

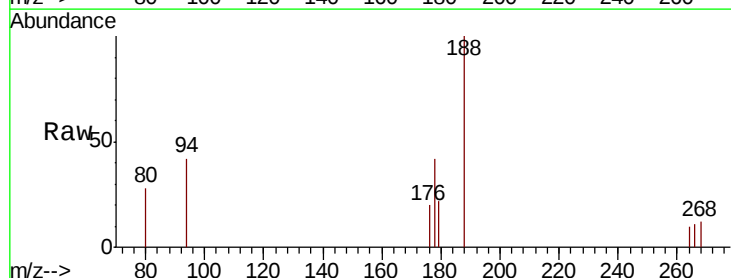
Tgt Ion:178 Resp: 169

Ion Ratio Lower Upper

178 100

179 53.2 15.0 22.4#

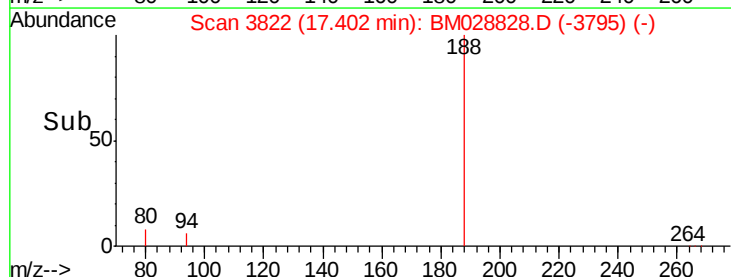
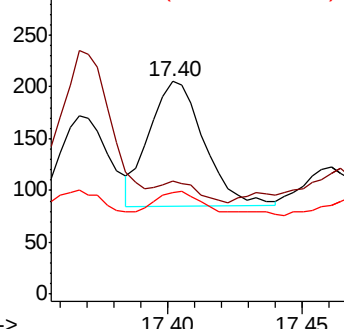
176 47.8 16.6 24.8#

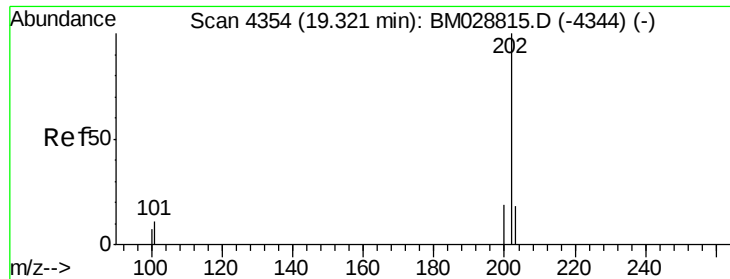


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.082 ng/ul

RT: 19.32 min Scan# 4353

Delta R.T. 0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

Instrument :

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ClientSampleId :

DBGY1

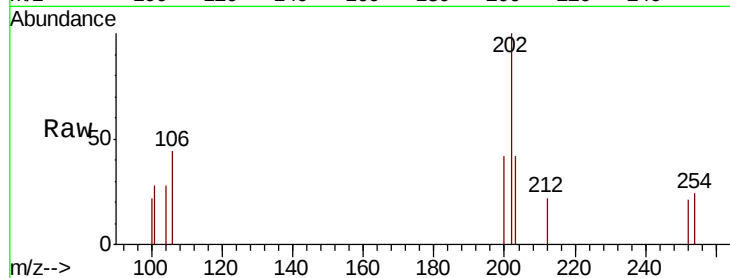
Tot Ion:202 Resp: 423

Ion Ratio Lower Upper

202 100

101 27.7 0.0 34.5

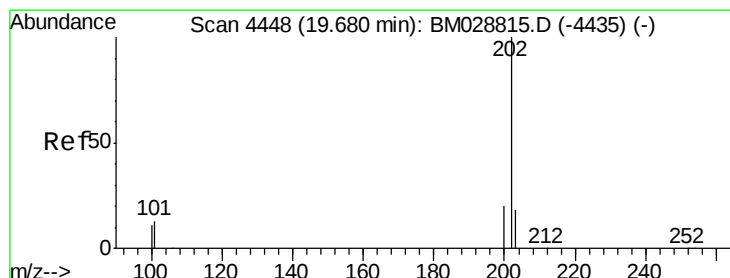
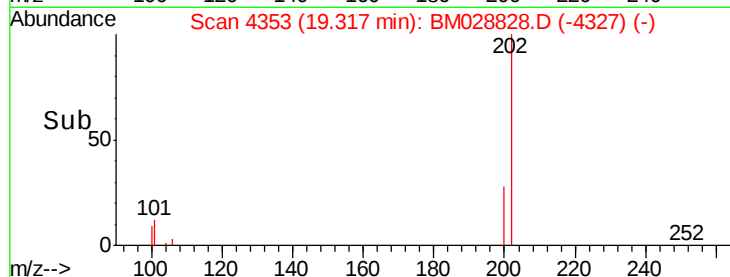
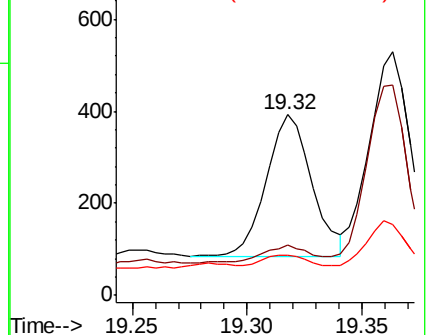
100 21.9 0.0 31.7



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

Pyrene

Concen: 0.062 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

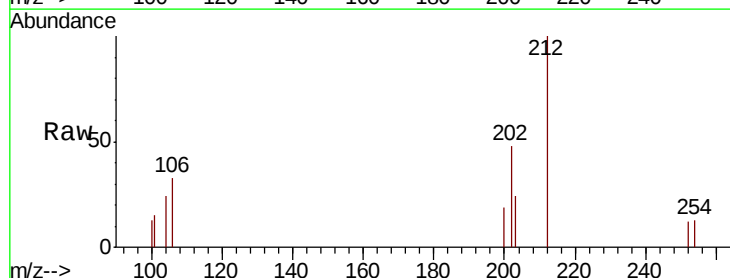
Tgt Ion:202 Resp: 324

Ion Ratio Lower Upper

202 100

101 32.0 12.7 19.1#

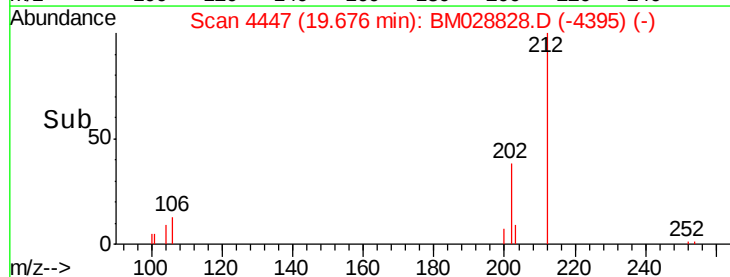
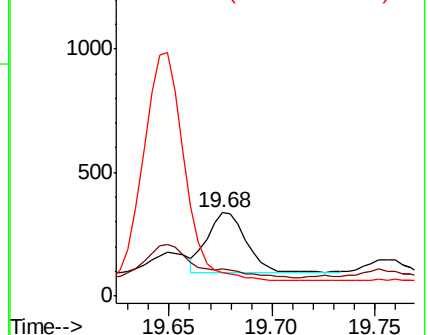
100 27.6 10.2 15.4#

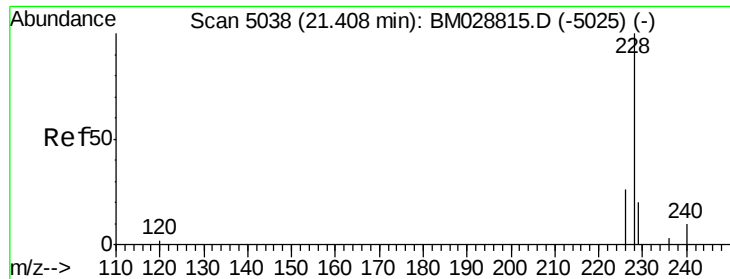


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.022 ng/ul

RT: 21.41 min Scan# 5037

Delta R.T. 0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

Instrument :

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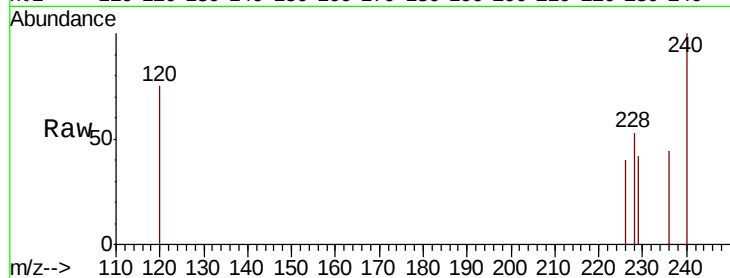
Tot Ion:228 Resp: 108

Ion Ratio Lower Upper

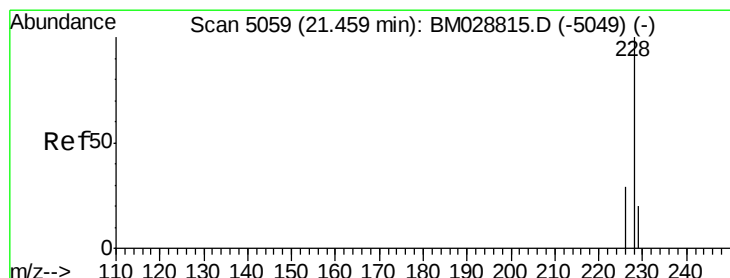
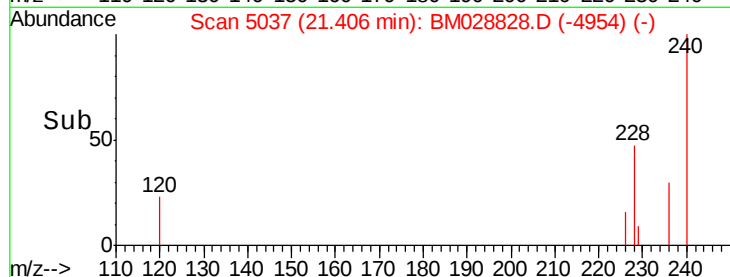
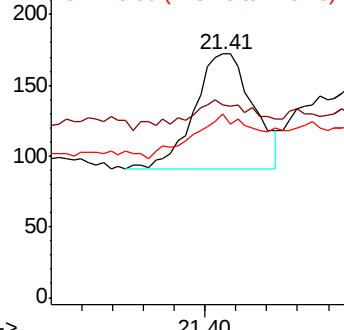
228 100

229 79.1 18.9 28.3#

226 75.6 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



#19

Chrysene

Concen: 0.038 ng/ul

RT: 21.46 min Scan# 5059

Delta R.T. 0.00 min

Lab File: BM028828.D

Acq: 19 Feb 2021 20:06

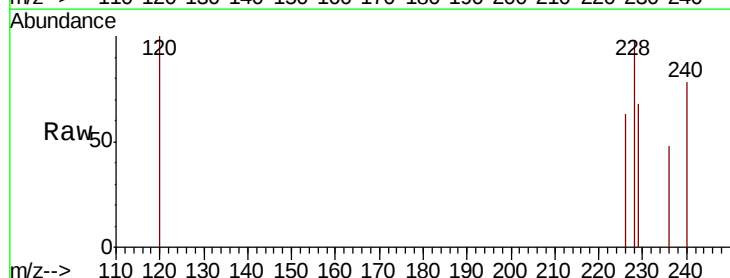
Tgt Ion:228 Resp: 184

Ion Ratio Lower Upper

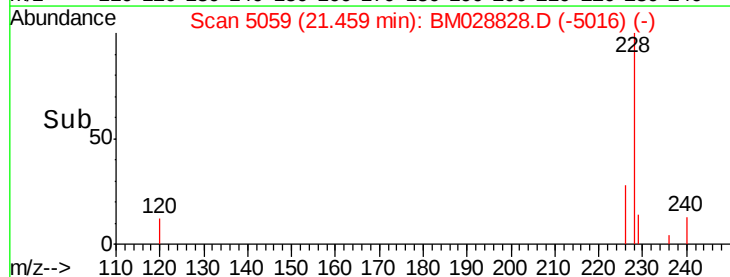
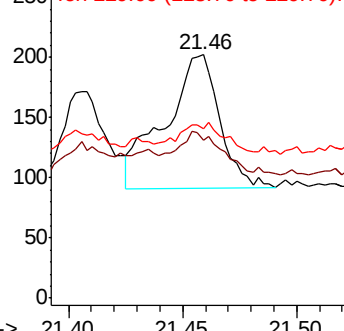
228 100

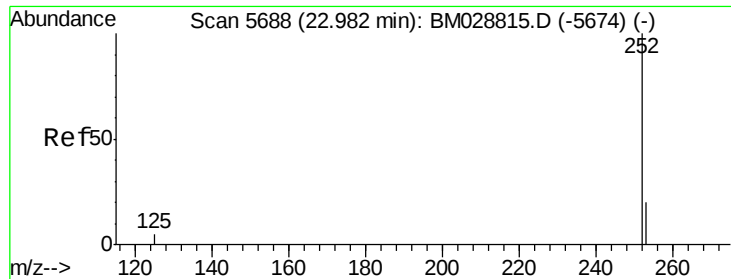
226 64.9 24.6 37.0#

229 69.8 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: 0.040 ng/ul

RT: 22.98 min Scan# 5688

Delta R.T. 0.00 min

Lab File: BM028828.D

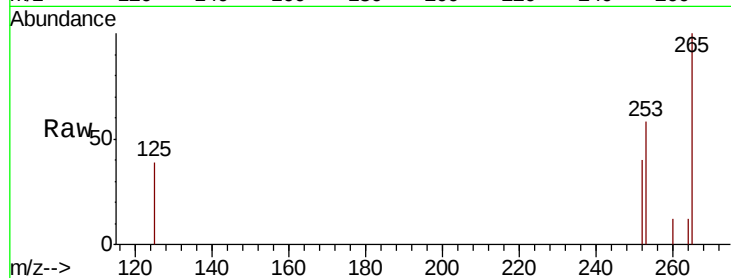
Acq: 19 Feb 2021 20:06

Instrument :

BNA_M

ClientSampleId :

DBGY1



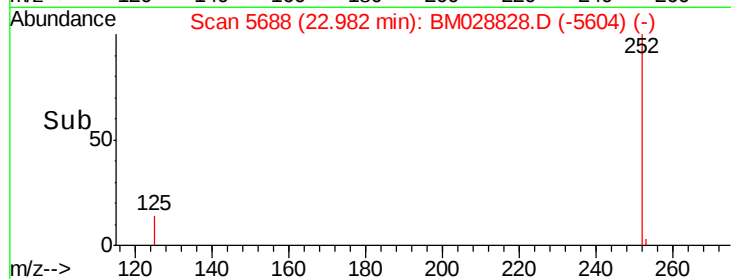
Tot Ion: 252 Resp: 198

Ion Ratio Lower Upper

252 100

253 145.6 0.0 67.0#

125 97.7 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

