

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050120\
 Data File : BM025969.D
 Acq On : 01 May 2020 15:28
 Operator : MA/SJ
 Sample : L2321-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP02

Quant Time: May 01 16:06:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 12:24:43 2020
 Response via : Initial Calibration

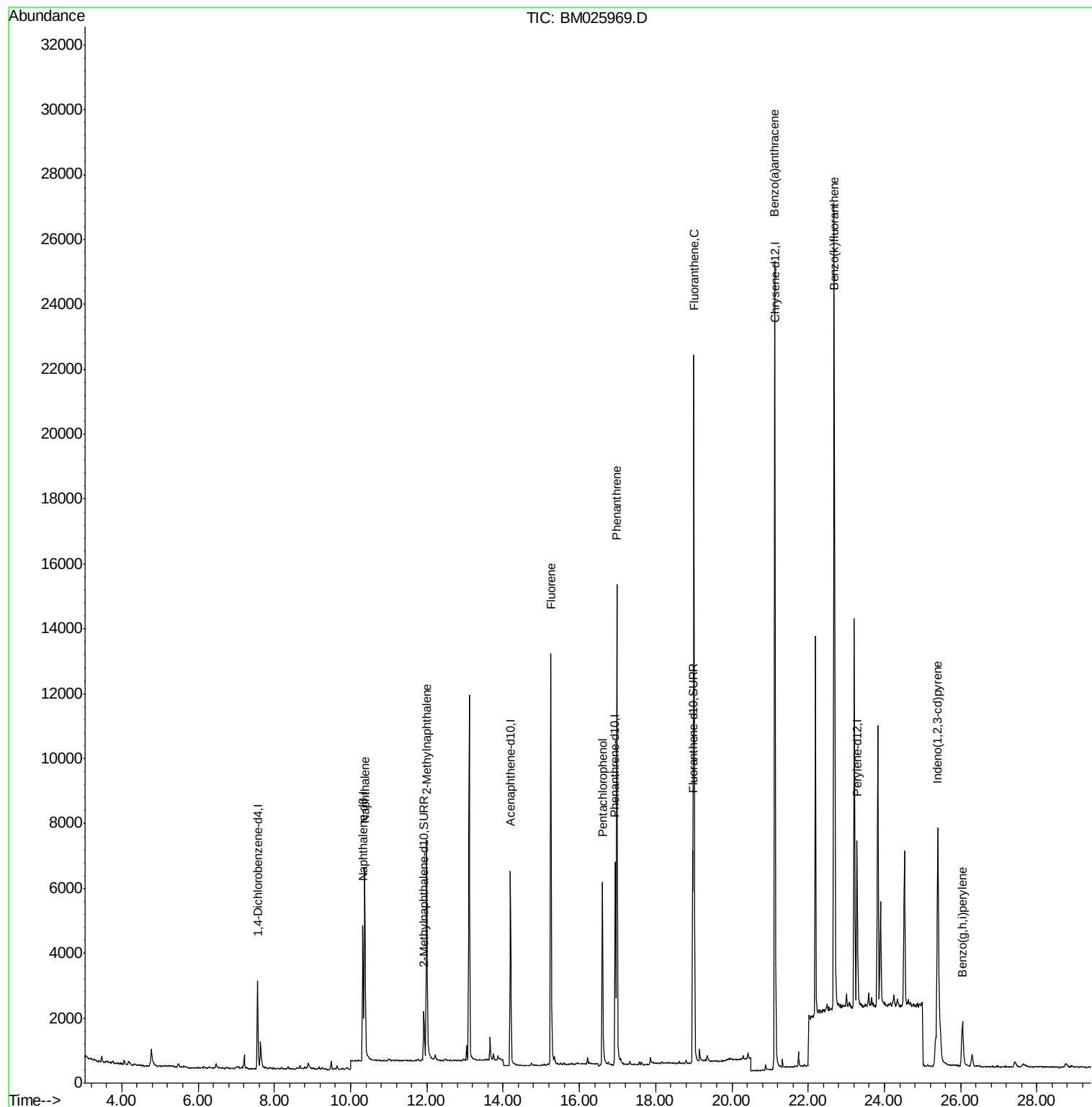
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1504	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6075	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3506	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7958	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	6888	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	6716	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2312	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	7654	0.34	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.37	128	9127	0.48	ng/ul	99
5) 2-Methylnaphthalene	11.99	142	5978	0.47	ng/ul	98
9) Fluorene	15.25	166	9168	0.57	ng/ul	99
11) Pentachlorophenol	16.60	266	4491	2.23	ng/ul	95
12) Phenanthrene	16.98	178	17053	0.63	ng/ul	100
15) Fluoranthene	19.00	202	19663	0.62	ng/ul	97
18) Benzo(a)anthracene	21.12	228	21316	0.82	ng/ul	99
22) Benzo(k)fluoranthene	22.69	252	23924	0.71	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.40	276	15469	0.55	ng/ul#	94
26) Benzo(g,h,i)perylene	26.04	276	3148	0.12	ng/ul#	93

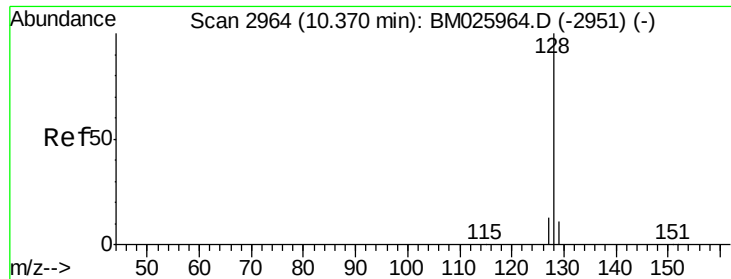
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.48 ng/ul

RT: 10.37 min Scan# 2964

Delta R.T. 0.00 min

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ClientSampleId :

DFTPP02

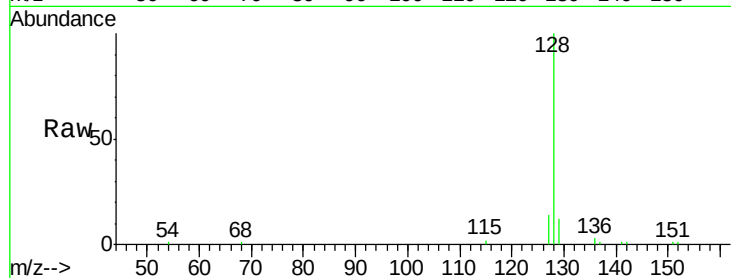
Tgt Ion:128 Resp: 9127

Ion Ratio Lower Upper

128 100

129 11.7 10.0 15.0

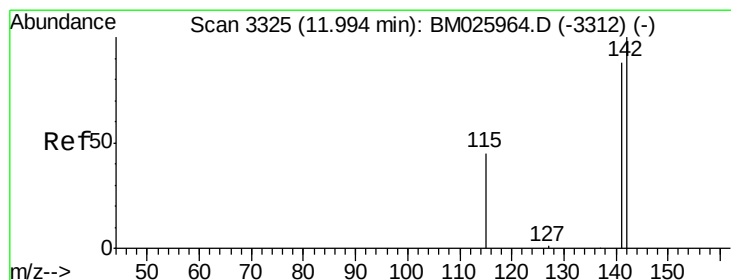
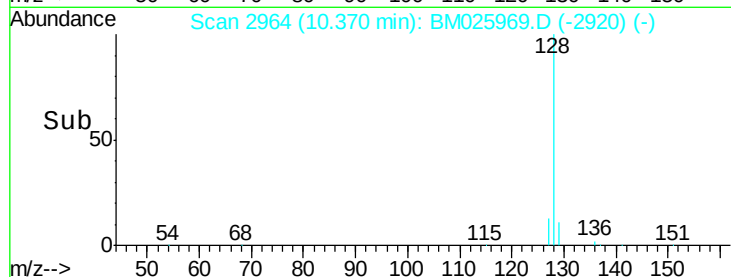
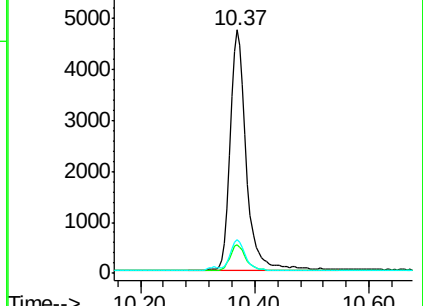
127 14.0 11.5 17.3



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: 0.47 ng/ul

RT: 11.99 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BM025969.D

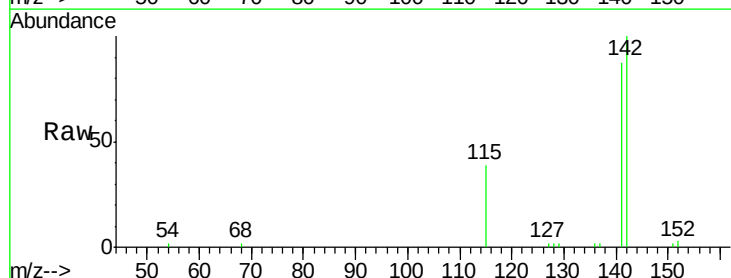
Acq: 01 May 2020 15:28

Tgt Ion:142 Resp: 5978

Ion Ratio Lower Upper

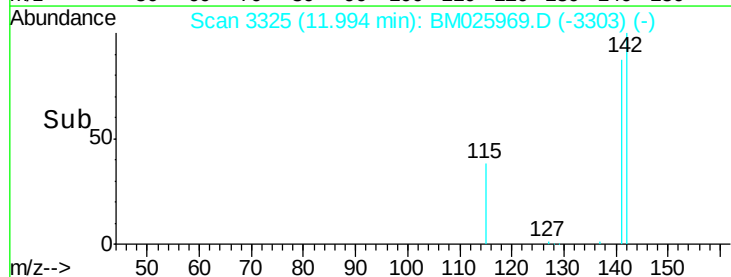
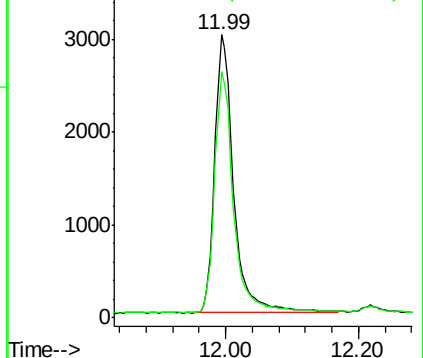
142 100

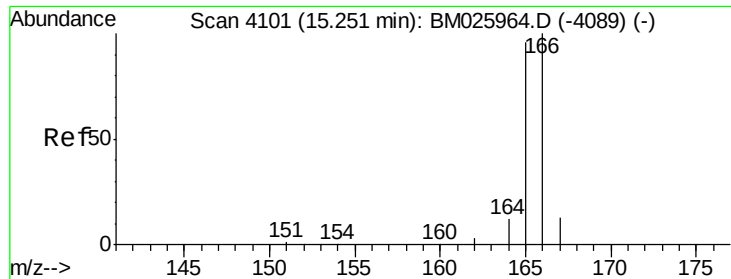
141 87.8 68.5 102.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.57 ng/ul

RT: 15.25 min Scan# 4101

Delta R.T. 0.00 min

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Instrument :

BNA_M

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DFTPP02

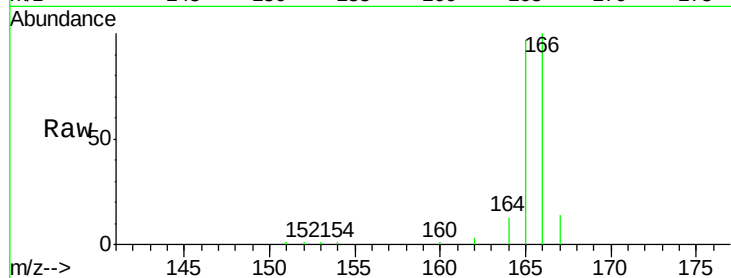
Tgt Ion:166 Resp: 9168

Ion Ratio Lower Upper

166 100

165 97.3 77.0 115.4

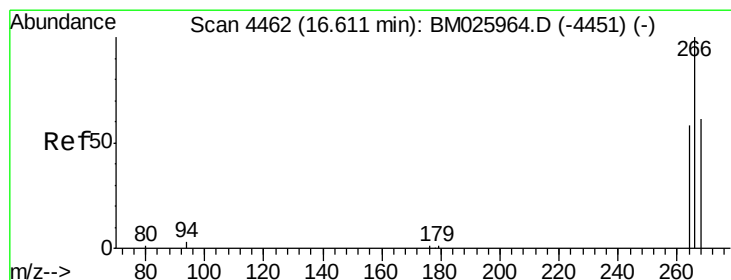
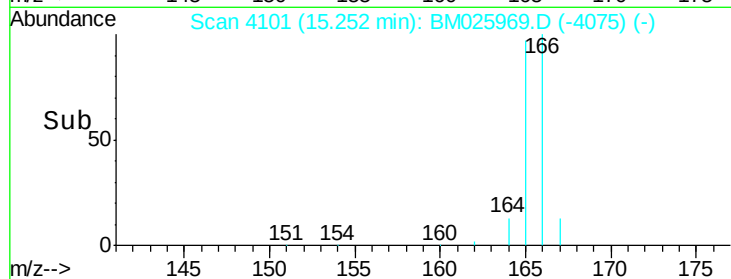
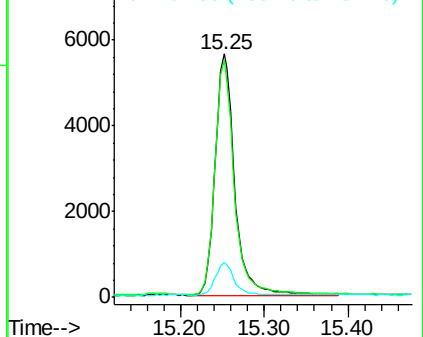
167 14.3 12.2 18.2



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



#11

Pentachlorophenol

Concen: 2.23 ng/ul

RT: 16.60 min Scan# 4460

Delta R.T. -0.01 min

Lab File: BM025969.D

Acq: 01 May 2020 15:28

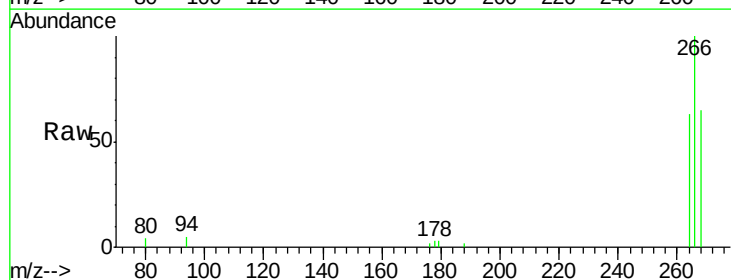
Tgt Ion:266 Resp: 4491

Ion Ratio Lower Upper

266 100

264 62.2 52.6 78.8

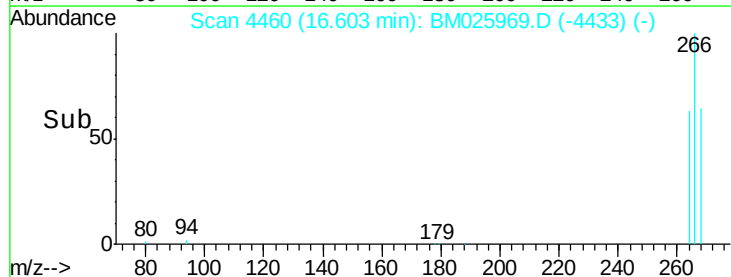
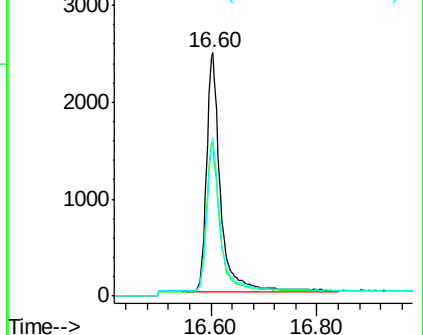
268 61.8 52.6 78.8

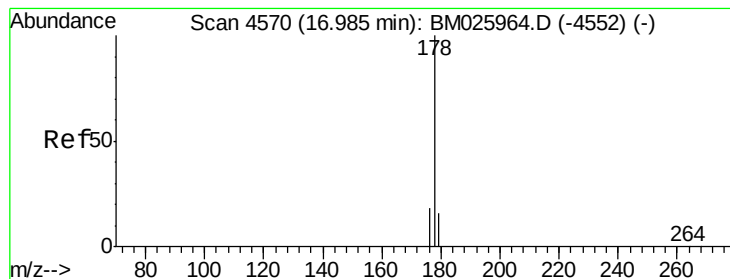


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.63 ng/ul

RT: 16.98 min Scan# 4569

Delta R.T. -0.00 min

Lab File: BM025969.D

Acq: 01 May 2020 15:28

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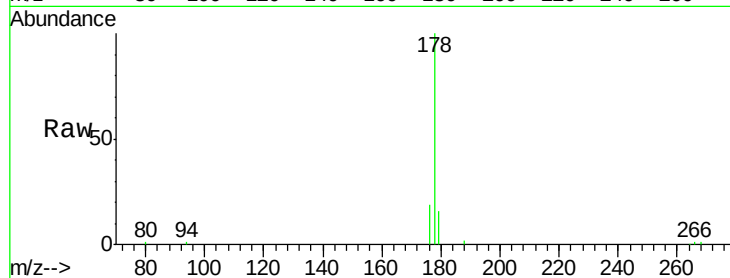
Tgt Ion:178 Resp: 17053

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

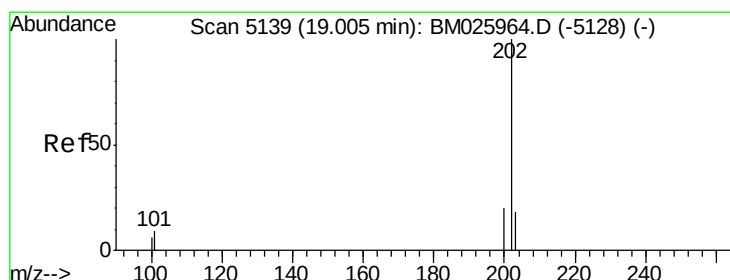
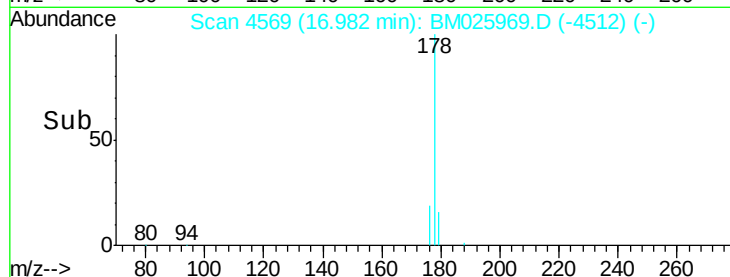
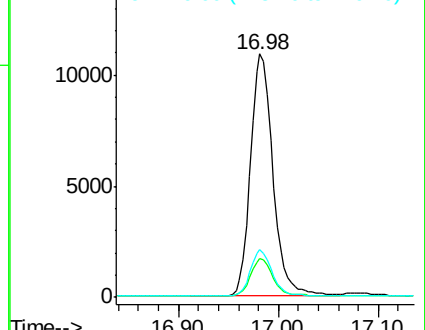
176 19.4 15.6 23.4



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: 0.62 ng/ul

RT: 19.00 min Scan# 5139

Delta R.T. -0.00 min

Lab File: BM025969.D

Acq: 01 May 2020 15:28

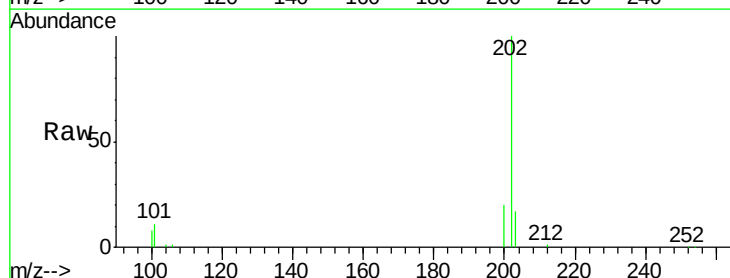
Tgt Ion:202 Resp: 19663

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.3

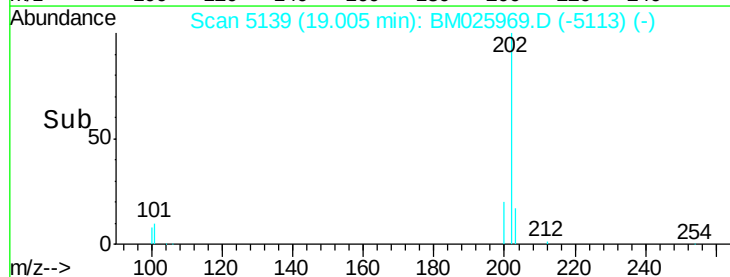
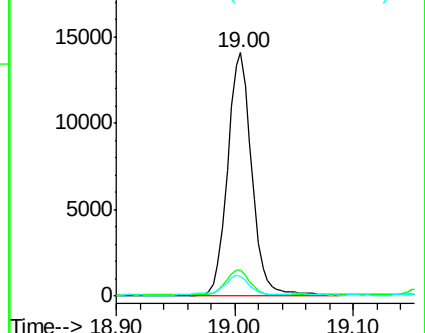
100 8.0 0.0 27.5

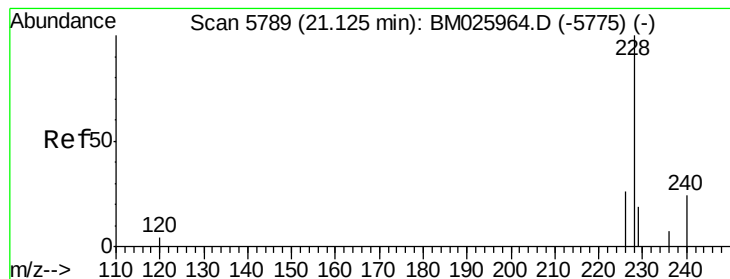


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.82 ng/ul

RT: 21.12 min Scan# 5789

Delta R.T. -0.00 min

Lab File: BM025969.D

Acq: 01 May 2020 15:28

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DFTPP02

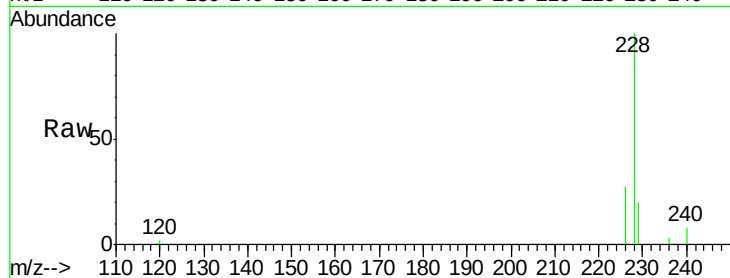
Tgt Ion:228 Resp: 21316

Ion Ratio Lower Upper

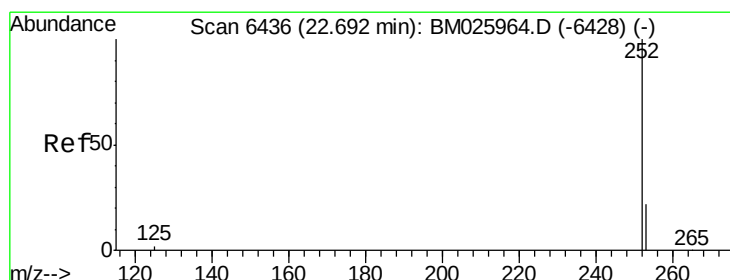
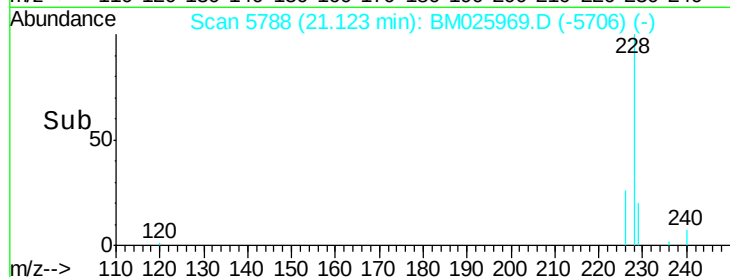
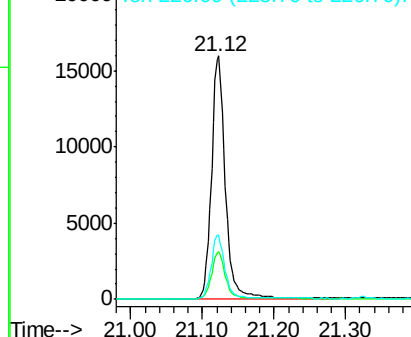
228 100

229 19.8 16.4 24.6

226 26.6 21.8 32.8



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



#22

Benzo(k)fluoranthene

Concen: 0.71 ng/ul

RT: 22.69 min Scan# 6434

Delta R.T. -0.01 min

Lab File: BM025969.D

Acq: 01 May 2020 15:28

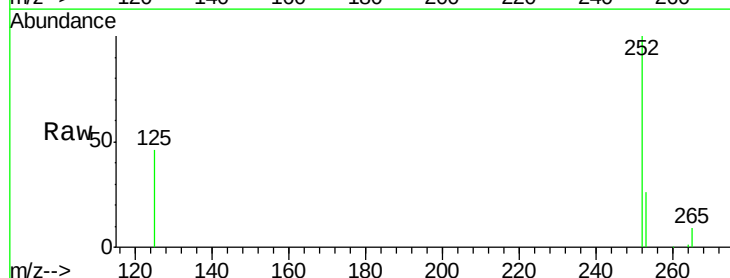
Tgt Ion:252 Resp: 23924

Ion Ratio Lower Upper

252 100

253 26.4 21.9 32.9

125 46.2 9.8 14.8#



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

