

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050420\
 Data File : BM025971.D
 Acq On : 04 May 2020 14:02
 Operator : MA/SJ
 Sample : L2321-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2M16

Quant Time: May 04 14:43:09 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 : Mon May 04 14:41:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	8591	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	5107	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	11524	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	9610	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	8499	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3502	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	11060	0.33	ng/ul	0.00

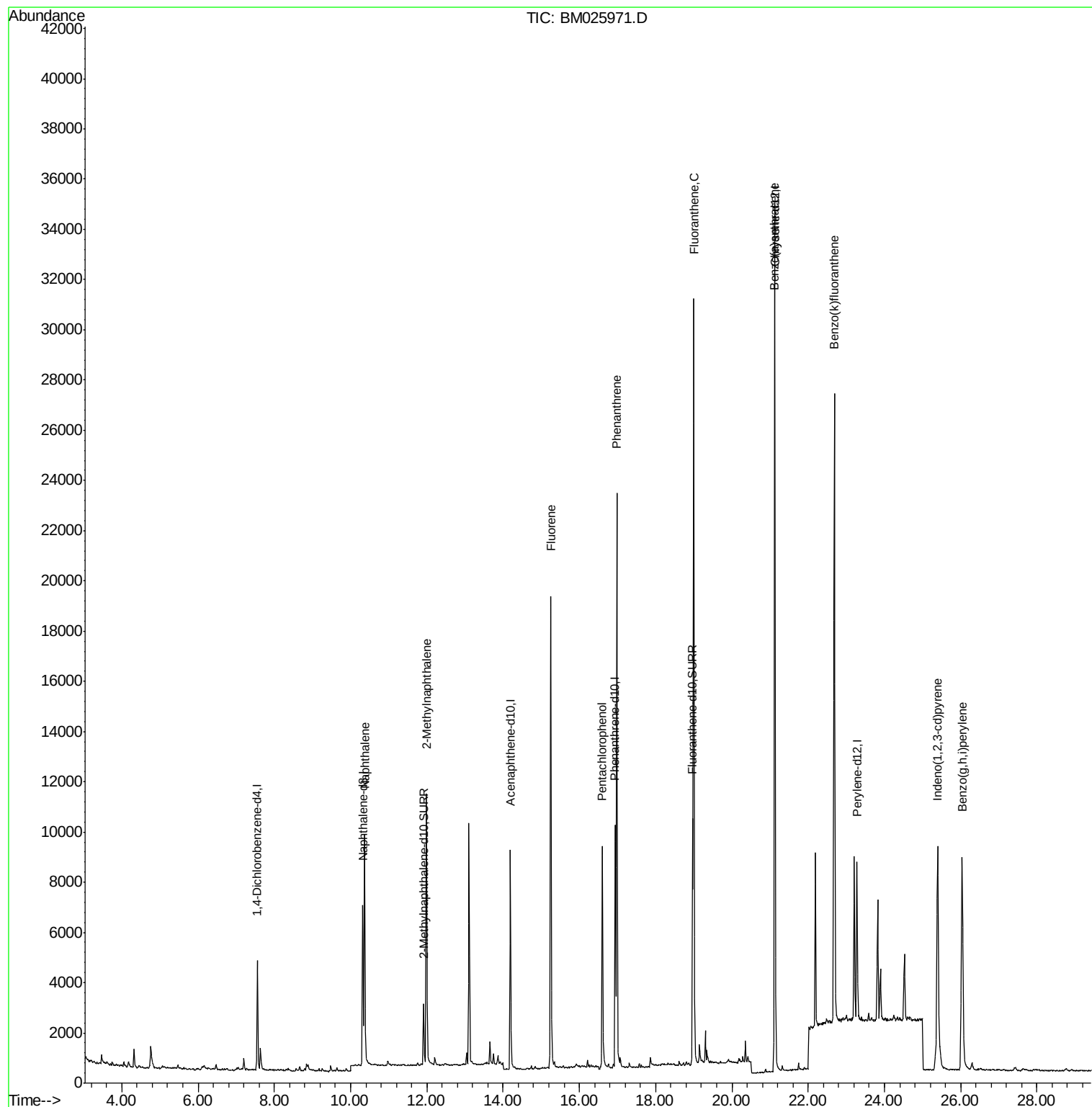
Target Compounds				Qvalue		
3) Naphthalene	10.37	128	13100	0.48	ng/ul	98
5) 2-Methylnaphthalene	11.99	142	8709	0.49	ng/ul	98
9) Fluorene	15.25	166	13288	0.56	ng/ul	98
11) Pentachlorophenol	16.60	266	6743	2.32	ng/ul	96
12) Phenanthrene	16.98	178	24731	0.63	ng/ul	98
15) Fluoranthene	19.00	202	26827	0.59	ng/ul	97
18) Benzo(a)anthracene	21.12	228	29262	0.80	ng/ul	98
22) Benzo(k)fluoranthene	22.69	252	27884	0.65	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.40	276	18506	0.52	ng/ul#	97
26) Benzo(g,h,i)perylene	26.03	276	18457	0.56	ng/ul	95

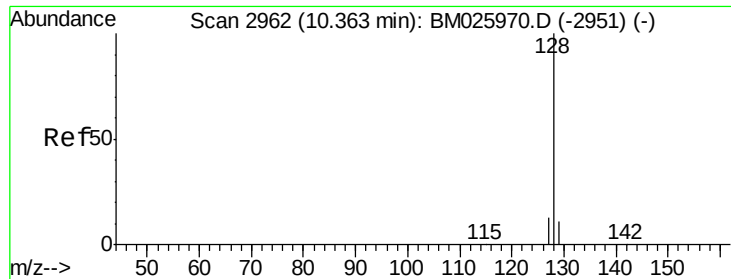
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.48 ng/ul

RT: 10.37 min Scan# 2963

Delta R.T. 0.00 min

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Acq: 04 May 2020 14:02

Instrument :

BNA_M

ClientSampleId :

X2M16

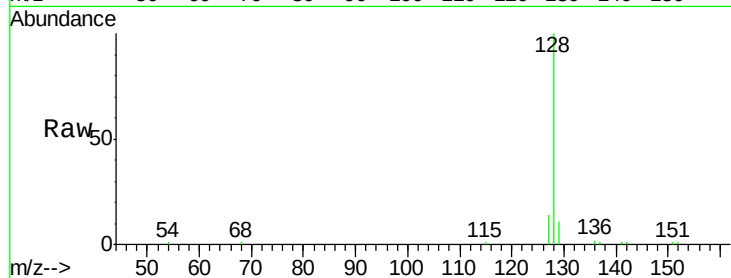
Tgt Ion:128 Resp: 13100

Ion Ratio Lower Upper

128 100

129 11.5 10.0 15.0

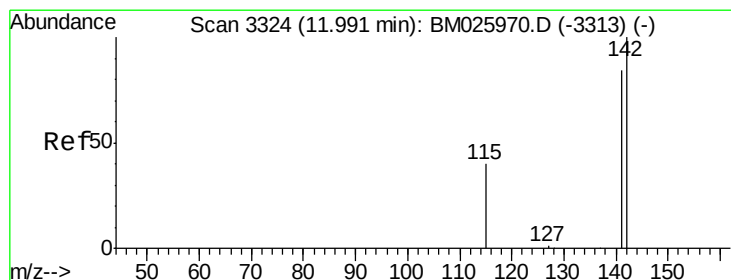
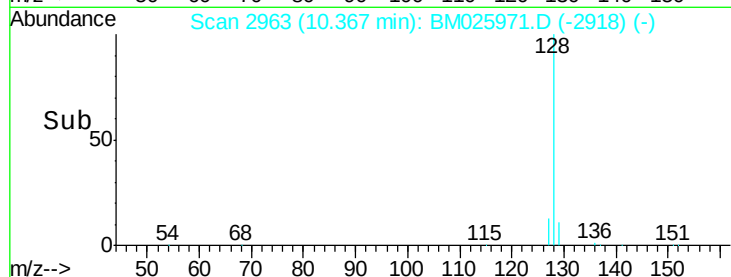
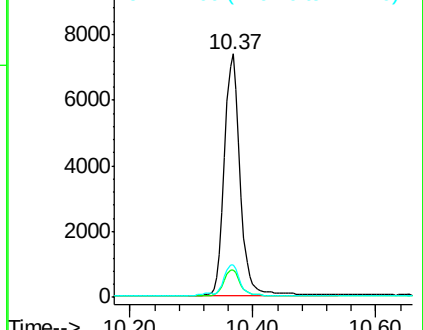
127 13.6 11.5 17.3



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: 0.49 ng/ul

RT: 11.99 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BM025971.D

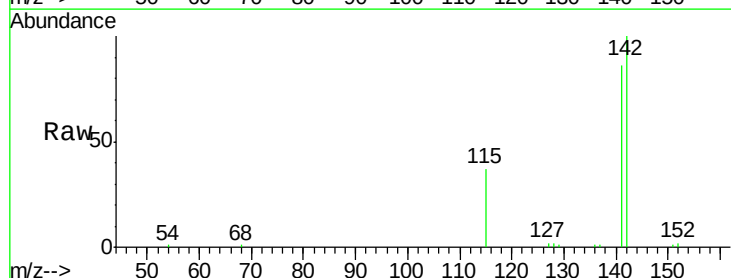
Acq: 04 May 2020 14:02

Tgt Ion:142 Resp: 8709

Ion Ratio Lower Upper

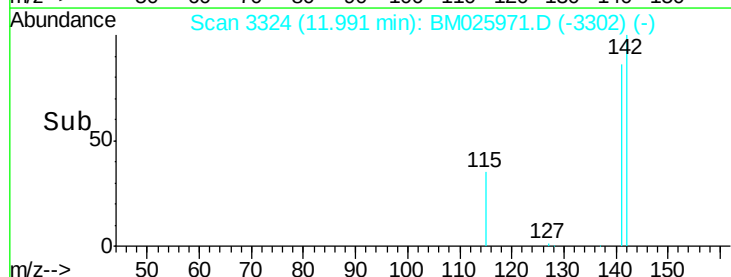
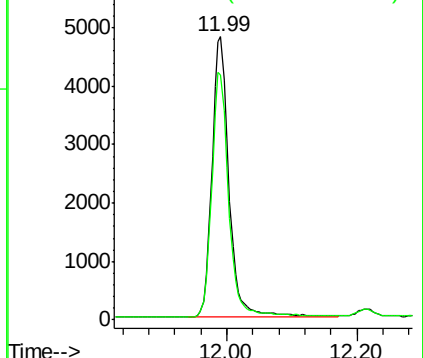
142 100

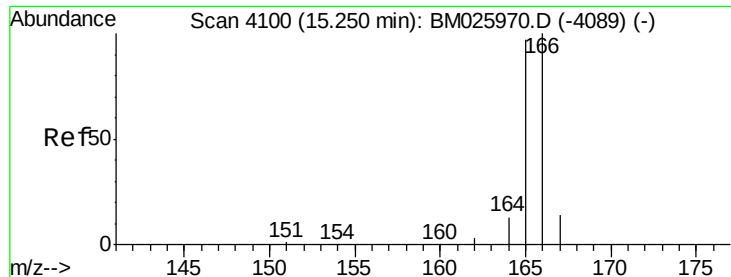
141 87.4 68.5 102.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.56 ng/ul

RT: 15.25 min Scan# 4100

Delta R.T. -0.00 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

Instrument :

BNA_M

ClientSampleId :

X2M16

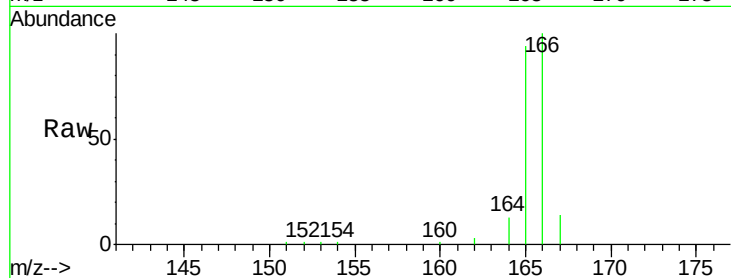
Tgt Ion:166 Resp: 13288

Ion Ratio Lower Upper

166 100

165 94.4 77.0 115.4

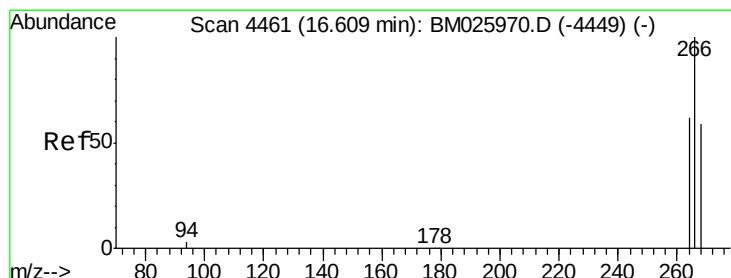
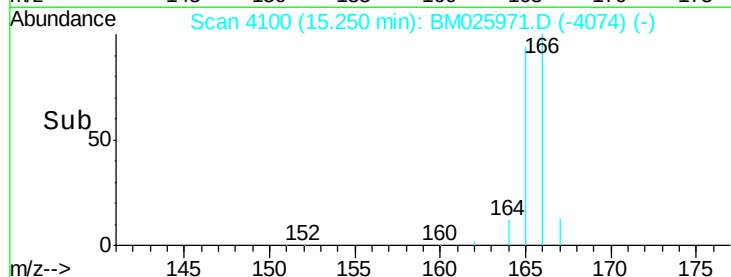
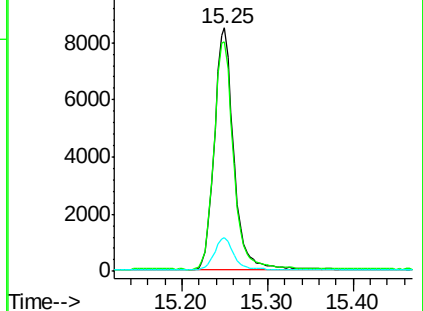
167 13.9 12.2 18.2



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: 2.32 ng/ul

RT: 16.60 min Scan# 4458

Delta R.T. -0.01 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

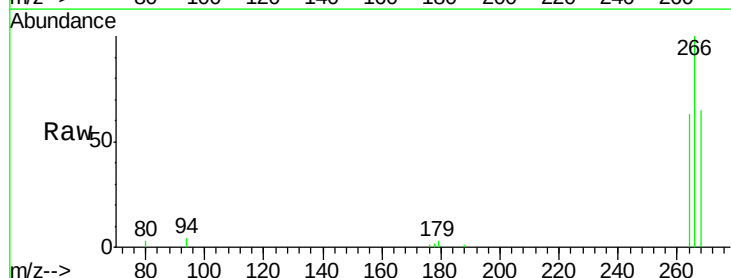
Tgt Ion:266 Resp: 6743

Ion Ratio Lower Upper

266 100

264 62.2 52.6 78.8

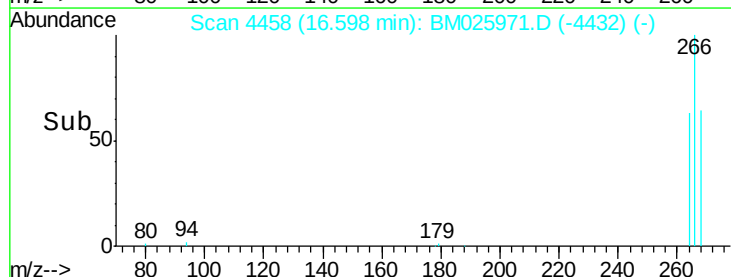
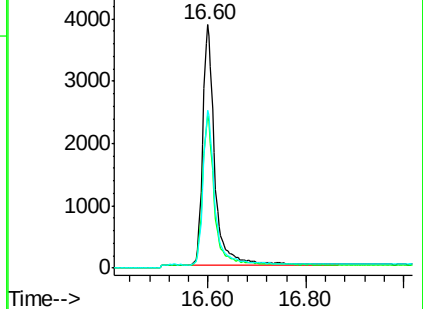
268 63.5 52.6 78.8

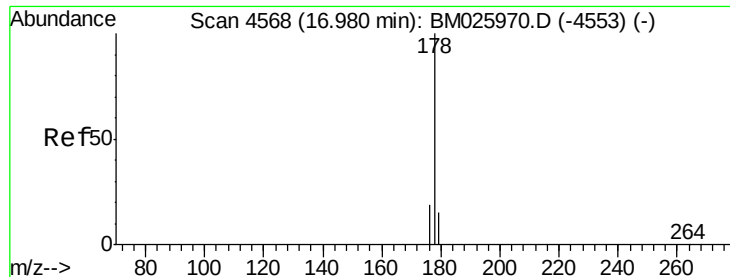


Abundance Ion 266.00 (265.70 to 266.70): E

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# 4568

Delta R.T. -0.00 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

Instrument :

BNA_M

ClientSampleId :

X2M16

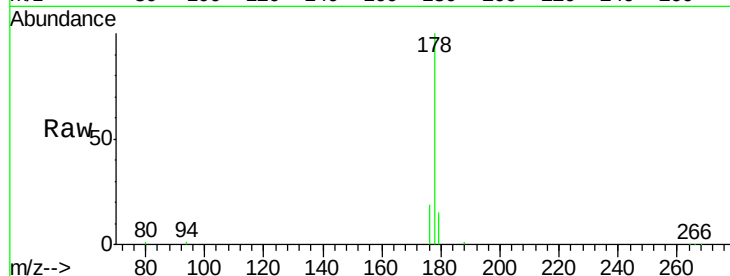
Tgt Ion:178 Resp: 24731

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

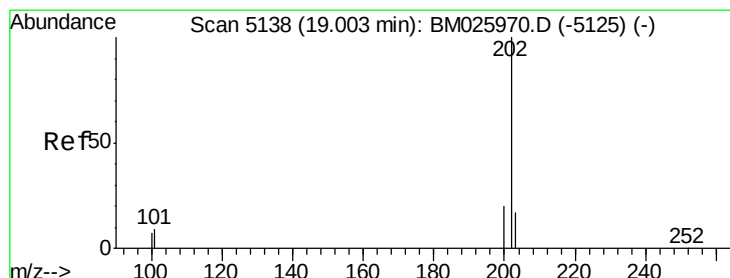
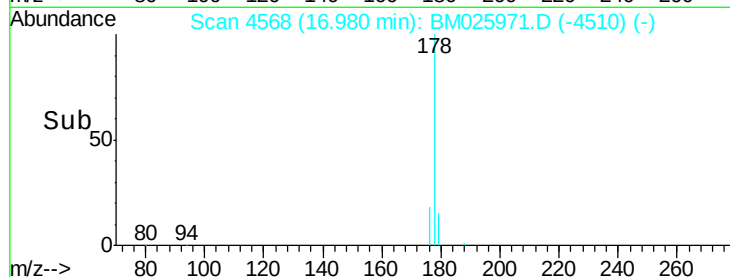
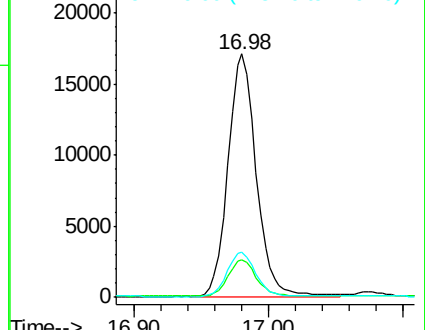
176 18.6 15.6 23.4



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: 0.59 ng/ul

RT: 19.00 min Scan# 5137

Delta R.T. -0.00 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

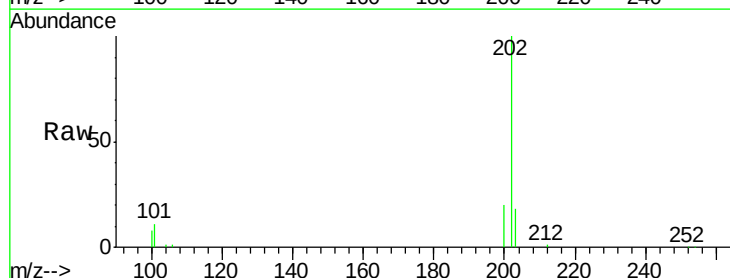
Tgt Ion:202 Resp: 26827

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

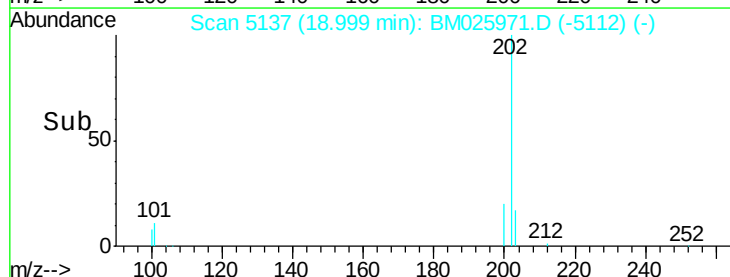
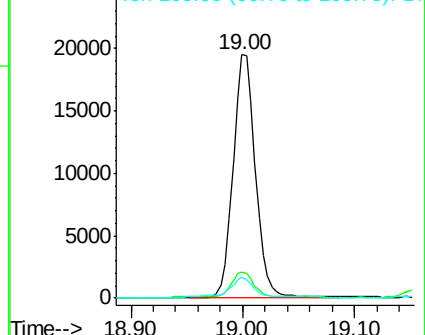
100 8.4 0.0 27.5

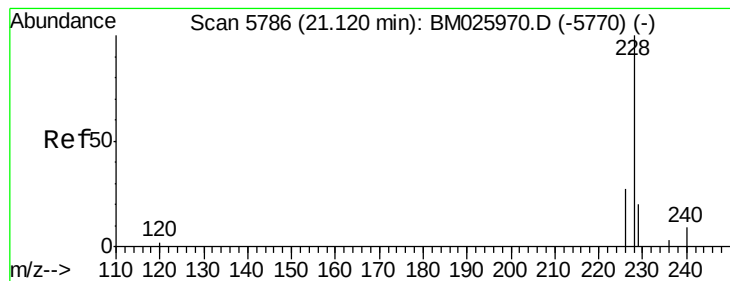


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.80 ng/ul

RT: 21.12 min Scan# 5785

Delta R.T. -0.00 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

Instrument :

BNA_M

ClientSampleId :

X2M16

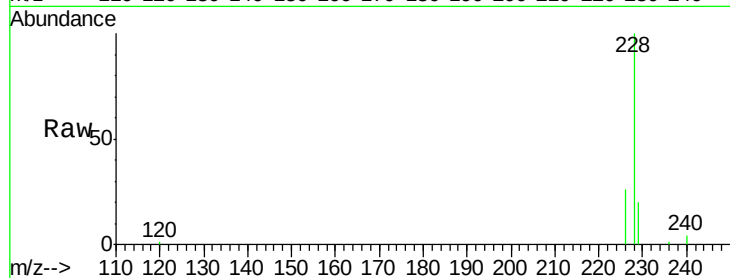
Tgt Ion:228 Resp: 29262

Ion Ratio Lower Upper

228 100

229 19.5 16.4 24.6

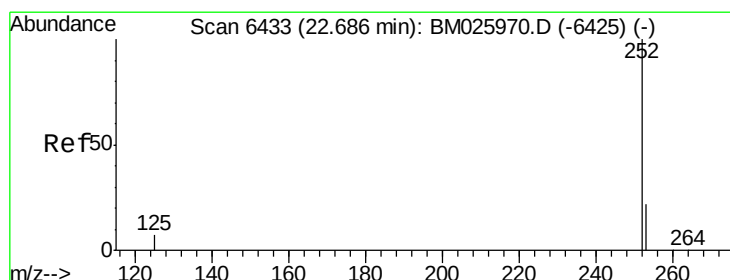
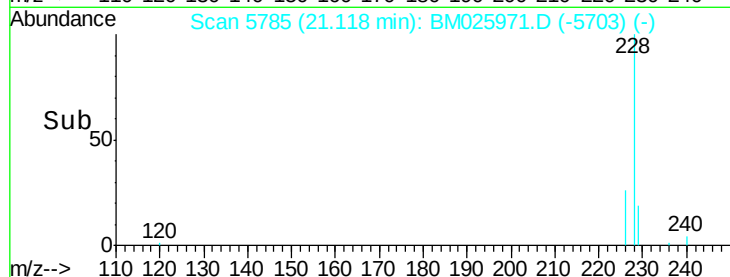
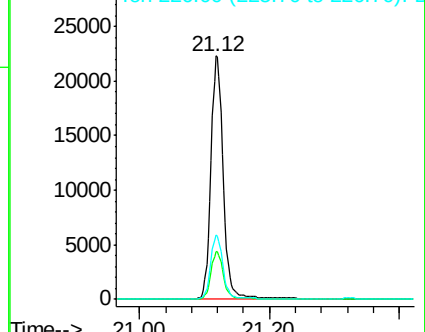
226 26.4 21.8 32.8



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: 0.65 ng/ul

RT: 22.69 min Scan# 6433

Delta R.T. -0.00 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

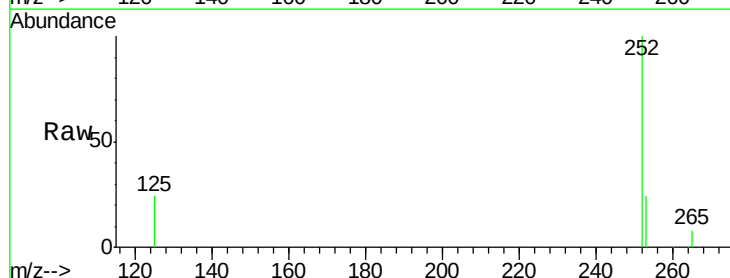
Tgt Ion:252 Resp: 27884

Ion Ratio Lower Upper

252 100

253 24.3 21.9 32.9

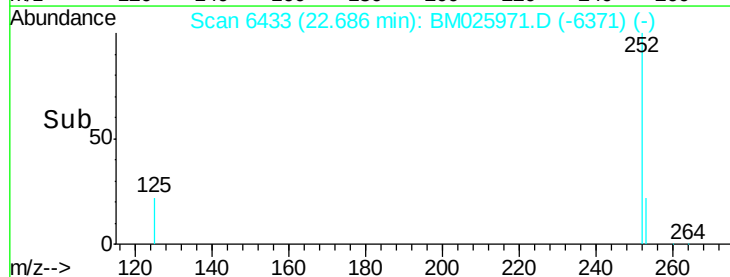
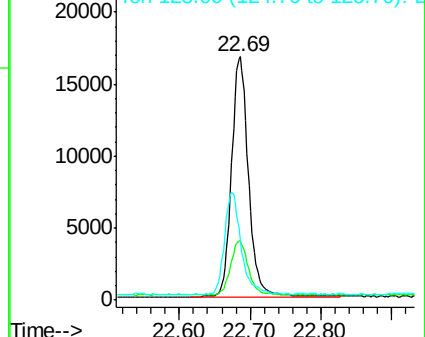
125 24.2 9.8 14.8#

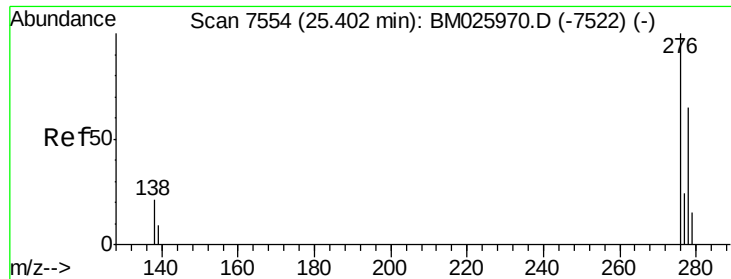


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.52 ng/ul

RT: 25.40 min Scan# 7551

Delta R.T. -0.01 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

Instrument :

BNA_M

ClientSampleId :

X2M16

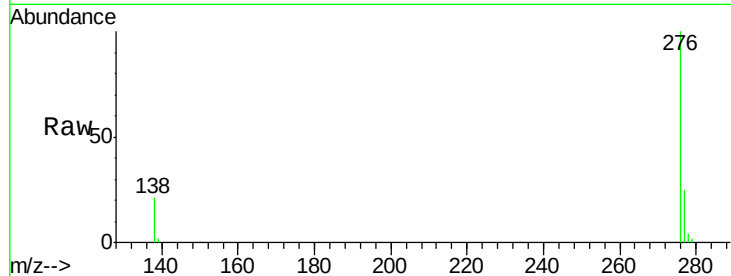
Tgt Ion:276 Resp: 18506

Ion Ratio Lower Upper

276 100

138 20.3 15.2 22.8

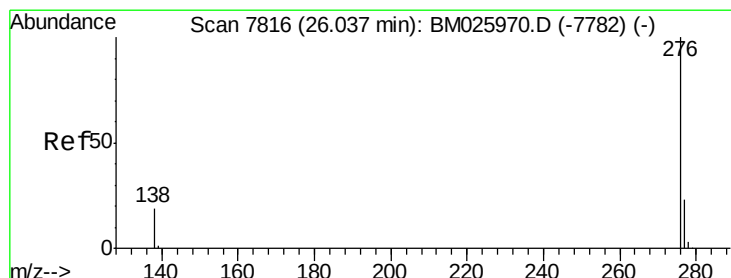
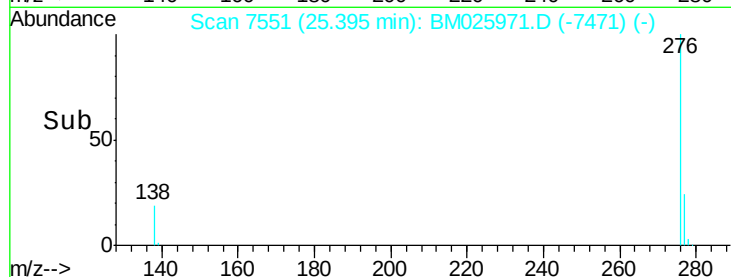
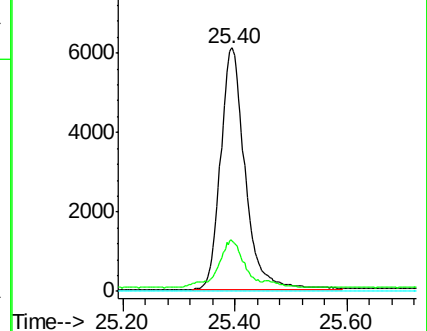
227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.56 ng/ul

RT: 26.03 min Scan# 7815

Delta R.T. -0.00 min

Lab File: BM025971.D

Acq: 04 May 2020 14:02

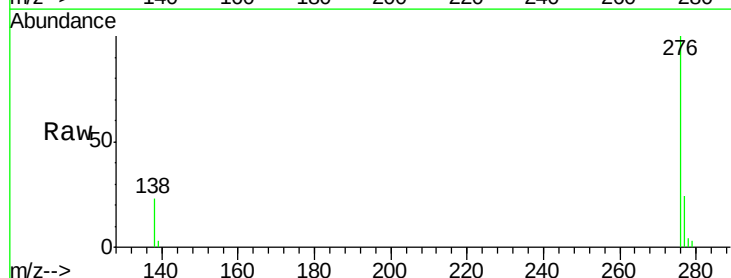
Tgt Ion:276 Resp: 18457

Ion Ratio Lower Upper

276 100

138 22.8 17.4 26.0

277 24.3 22.2 33.2



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

