

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002486.D
 Acq On : 24 Aug 2018 03:11
 Operator : JU/SJ
 Sample : J4424-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 04:18:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

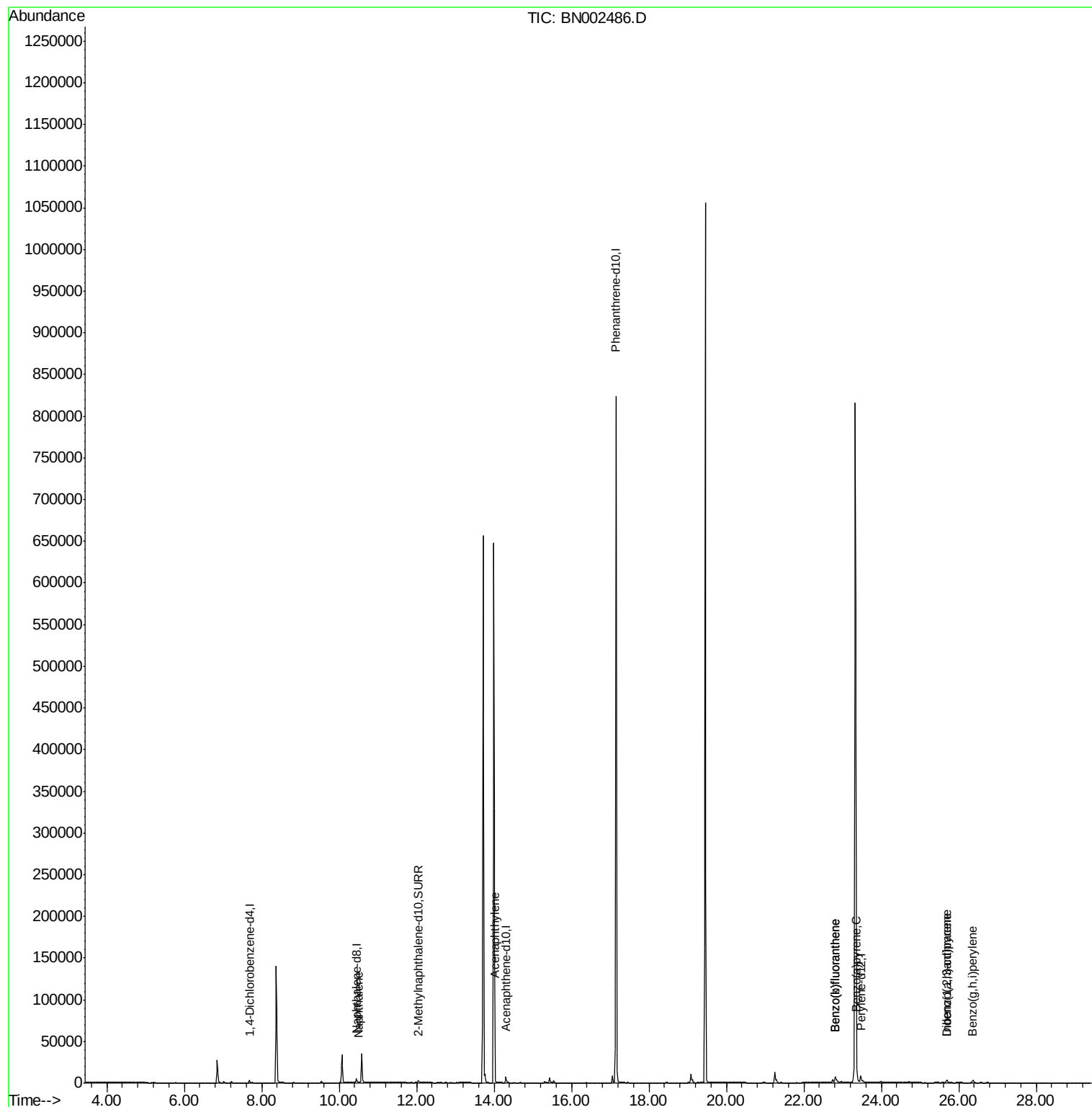
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1735	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7225	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	956215	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.26
20) Perylene-d12	23.47	264	12367	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	4618	0.40	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	449	0.024	ng/ul#	60
7) Acenaphthylene	14.02	152	409	0.020	ng/ul#	66
21) Benzo(b)fluoranthene	22.81	252	13272	0.299	ng/ul	91
22) Benzo(k)fluoranthene	22.81	252	13272	0.289	ng/ul#	92
23) Benzo(a)pyrene	23.37	252	5665	0.136	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.69	276	4973	0.114	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.69	278	1187	0.035	ng/ul#	76
26) Benzo(g,h,i)perylene	26.37	276	5072	0.136	ng/ul	98

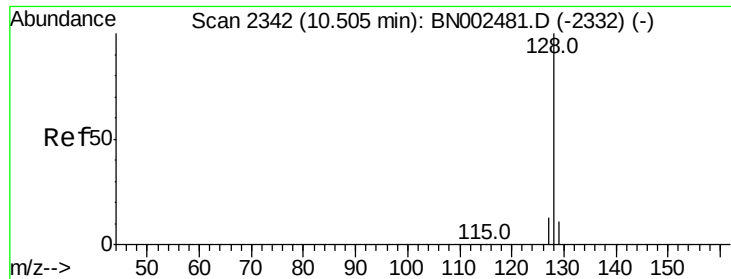
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.49 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BN002486.D

Acq: 24 Aug 2018 03:11

Instrument :

BNA_N

ClientSampleId :

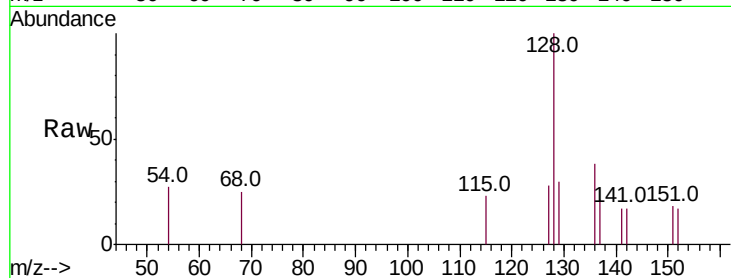
Tot Ion:128 Resp: 449

Ion Ratio Lower Upper

128 100

129 29.9 8.0 12.0#

127 27.8 12.0 18.0#



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

800

600

400

200

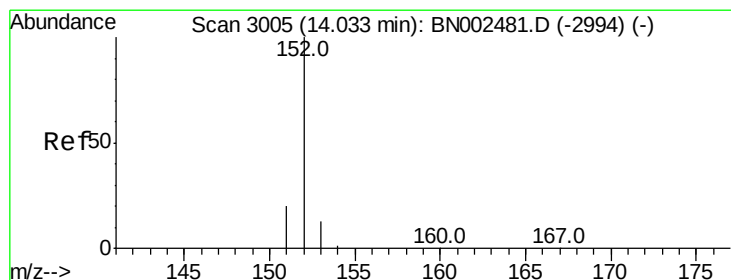
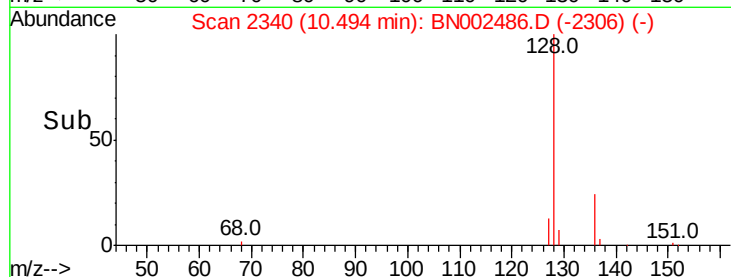
0

10.49

10.40

10.50

Time-->



#7

Acenaphthylene

Concen: 0.020 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002486.D

Acq: 24 Aug 2018 03:11

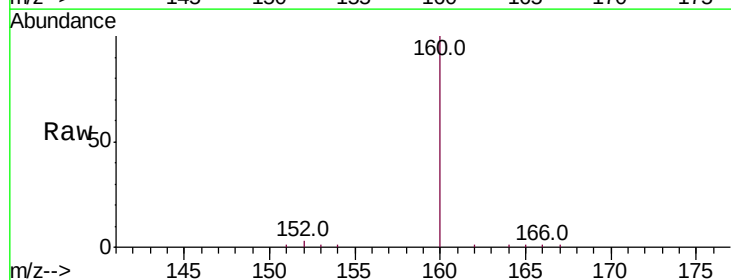
Tgt Ion:152 Resp: 409

Ion Ratio Lower Upper

152 100

151 35.9 17.1 25.7#

153 32.4 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

300

200

100

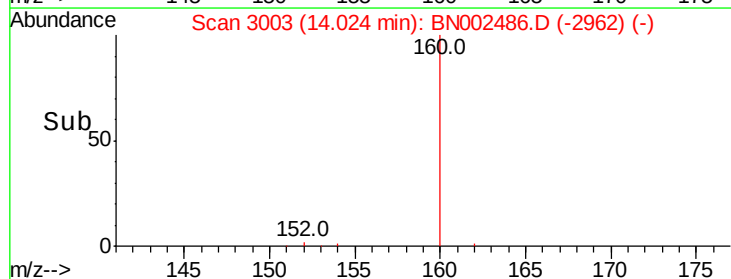
0

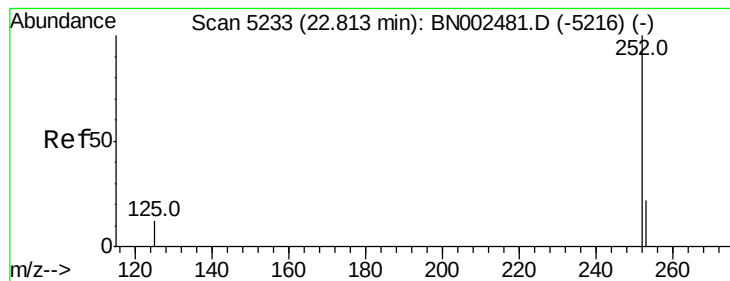
14.02

14.00

14.10

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.299 ng/ul

RT: 22.81 min Scan# 5232

Delta R.T. -0.00 min

Lab File: BN002486.D

Acq: 24 Aug 2018 03:11

Instrument :

BNA_N

ClientSampleId :

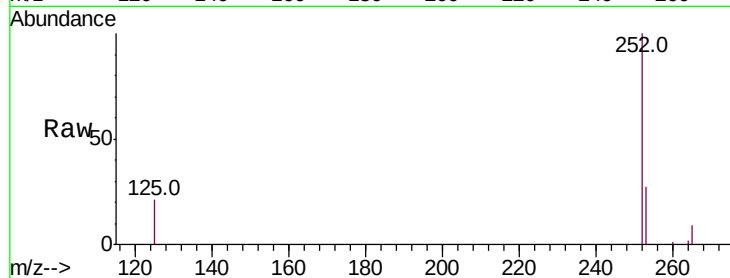
Tot Ion:252 Resp: 13272

Ion Ratio Lower Upper

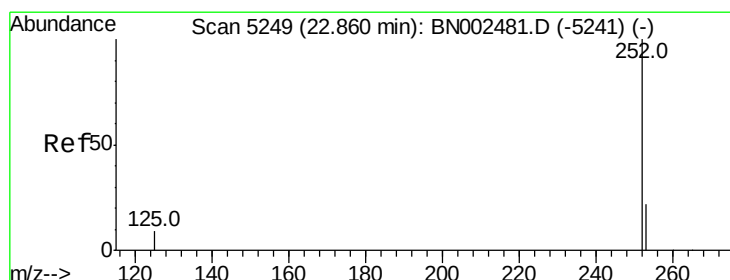
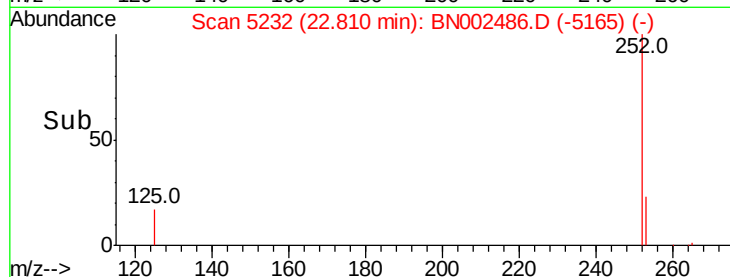
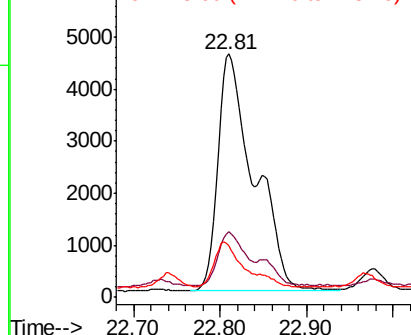
252 100

253 27.0 0.0 64.2

125 21.1 0.0 35.0



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: 0.289 ng/ul

RT: 22.81 min Scan# 5232

Delta R.T. -0.05 min

Lab File: BN002486.D

Acq: 24 Aug 2018 03:11

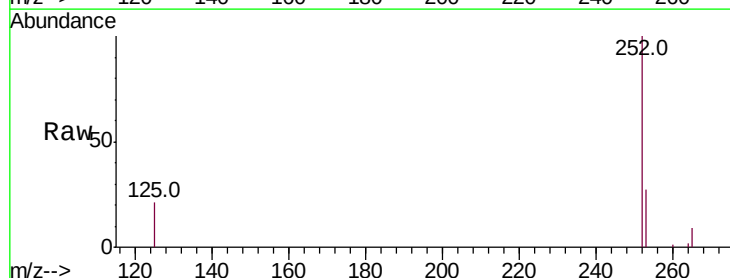
Tgt Ion:252 Resp: 13272

Ion Ratio Lower Upper

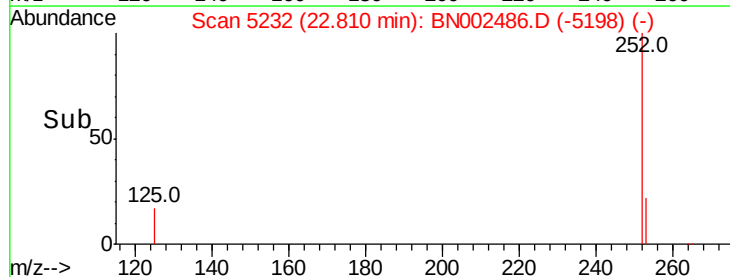
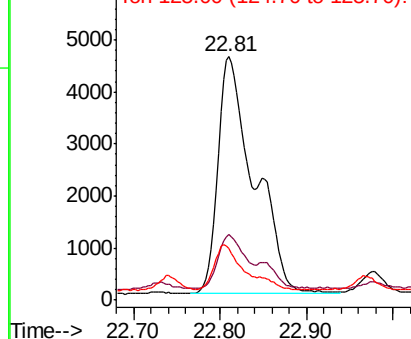
252 100

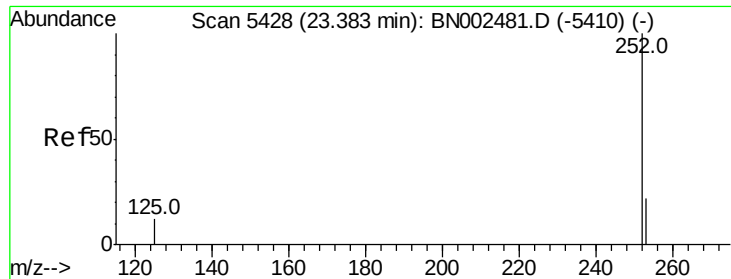
253 27.0 24.5 36.7

125 21.1 13.7 20.5#



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: 0.136 ng/ul

RT: 23.37 min Scan# 5424

Delta R.T. -0.01 min

Lab File: BN002486.D

Acq: 24 Aug 2018 03:11

Instrument :

BNA_N

ClientSampleId :

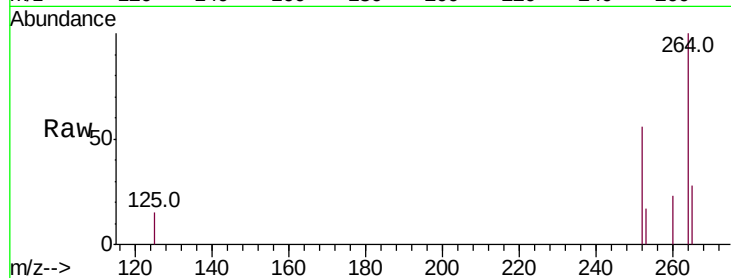
Tot Ion:252 Resp: 5665

Ion Ratio Lower Upper

252 100

253 30.0 16.0 24.0#

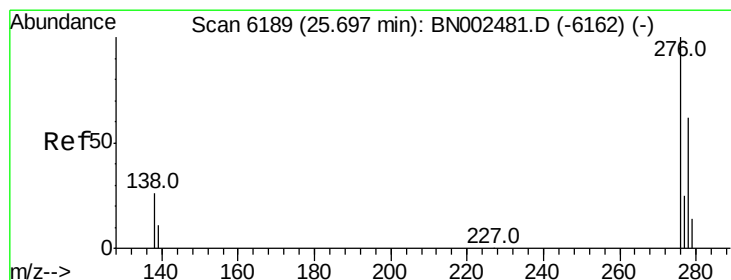
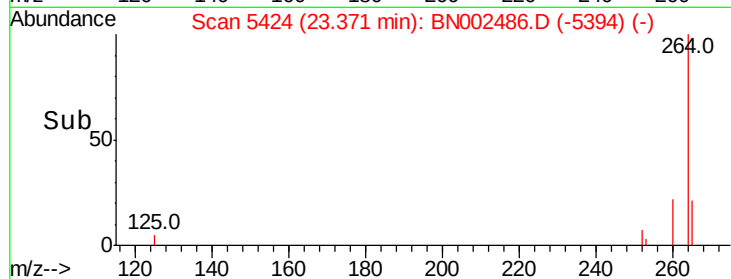
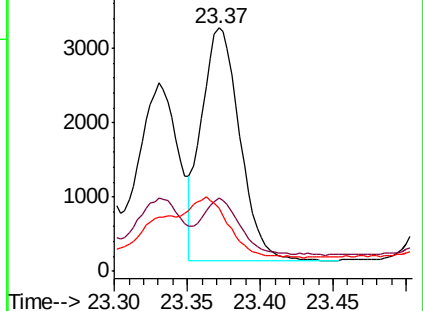
125 25.8 12.0 18.0#



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: 0.114 ng/ul

RT: 25.69 min Scan# 6187

Delta R.T. -0.01 min

Lab File: BN002486.D

Acq: 24 Aug 2018 03:11

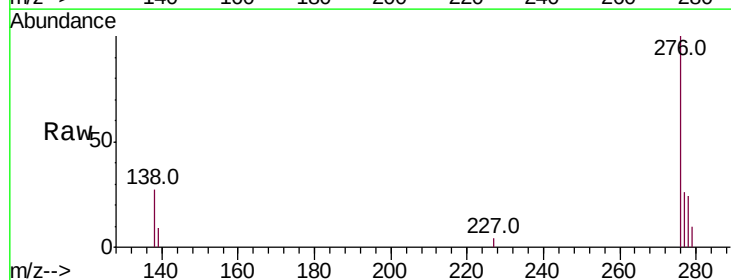
Tgt Ion:276 Resp: 4973

Ion Ratio Lower Upper

276 100

138 21.7 28.0 42.0#

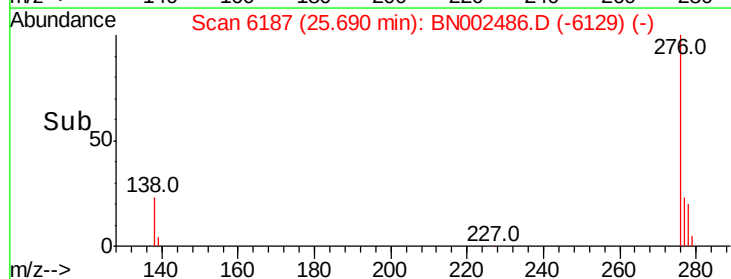
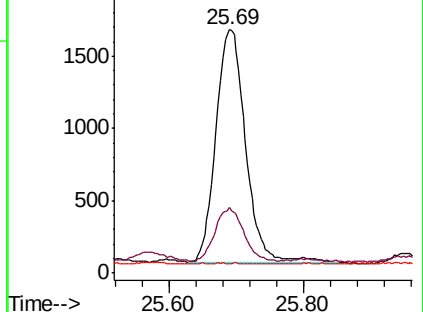
227 0.2 0.8 1.2#

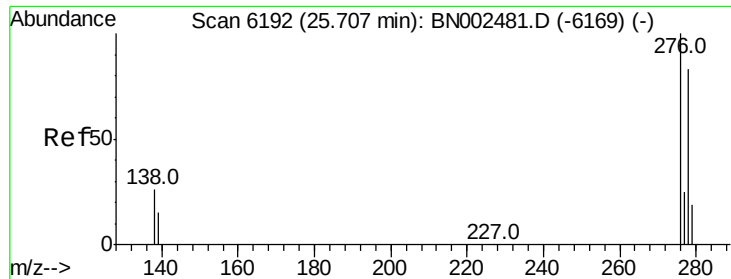


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

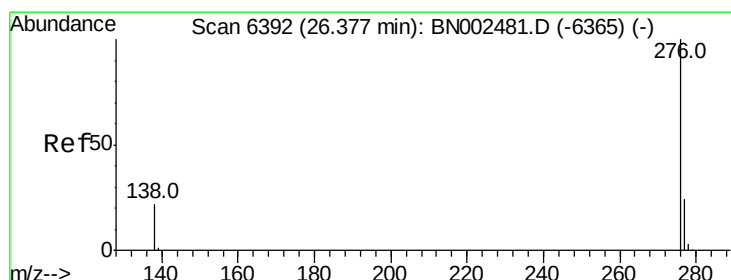
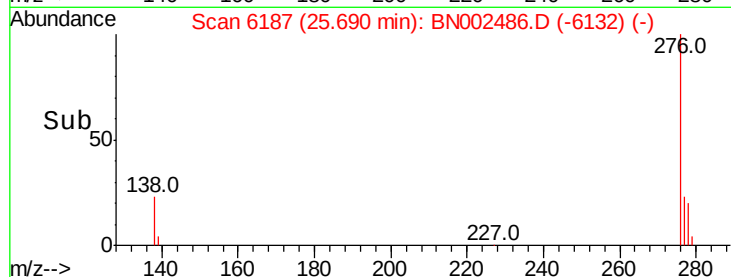
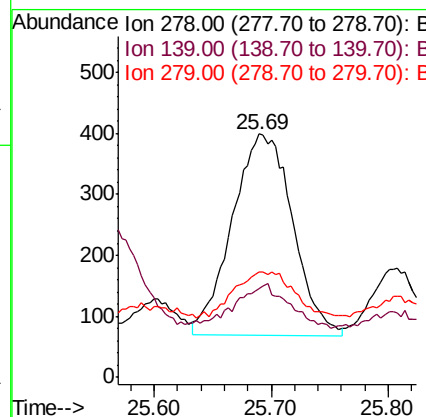
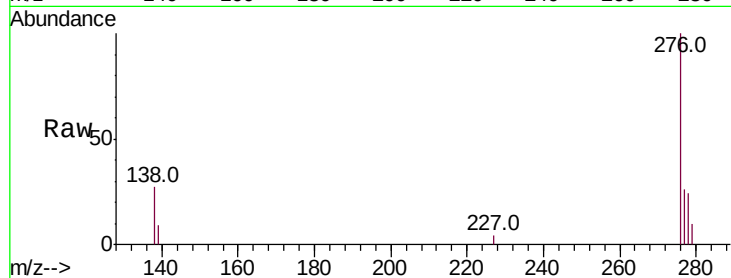




#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.02 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1187
Ion Ratio Lower Upper
278 100
139 36.3 17.4 26.0#
279 43.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.37 min Scan# 6389
Delta R.T. -0.01 min
Lab File: BN002486.D
Acq: 24 Aug 2018 03:11

Tgt Ion:276 Resp: 5072
Ion Ratio Lower Upper
276 100
138 26.2 21.8 32.8
277 26.4 20.5 30.7

