

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003040.D
 Acq On : 09 Oct 2018 23:01
 Operator : MJ/SJ
 Sample : J5157-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 01:38:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 01:34:31 2018
 Response via : Initial Calibration

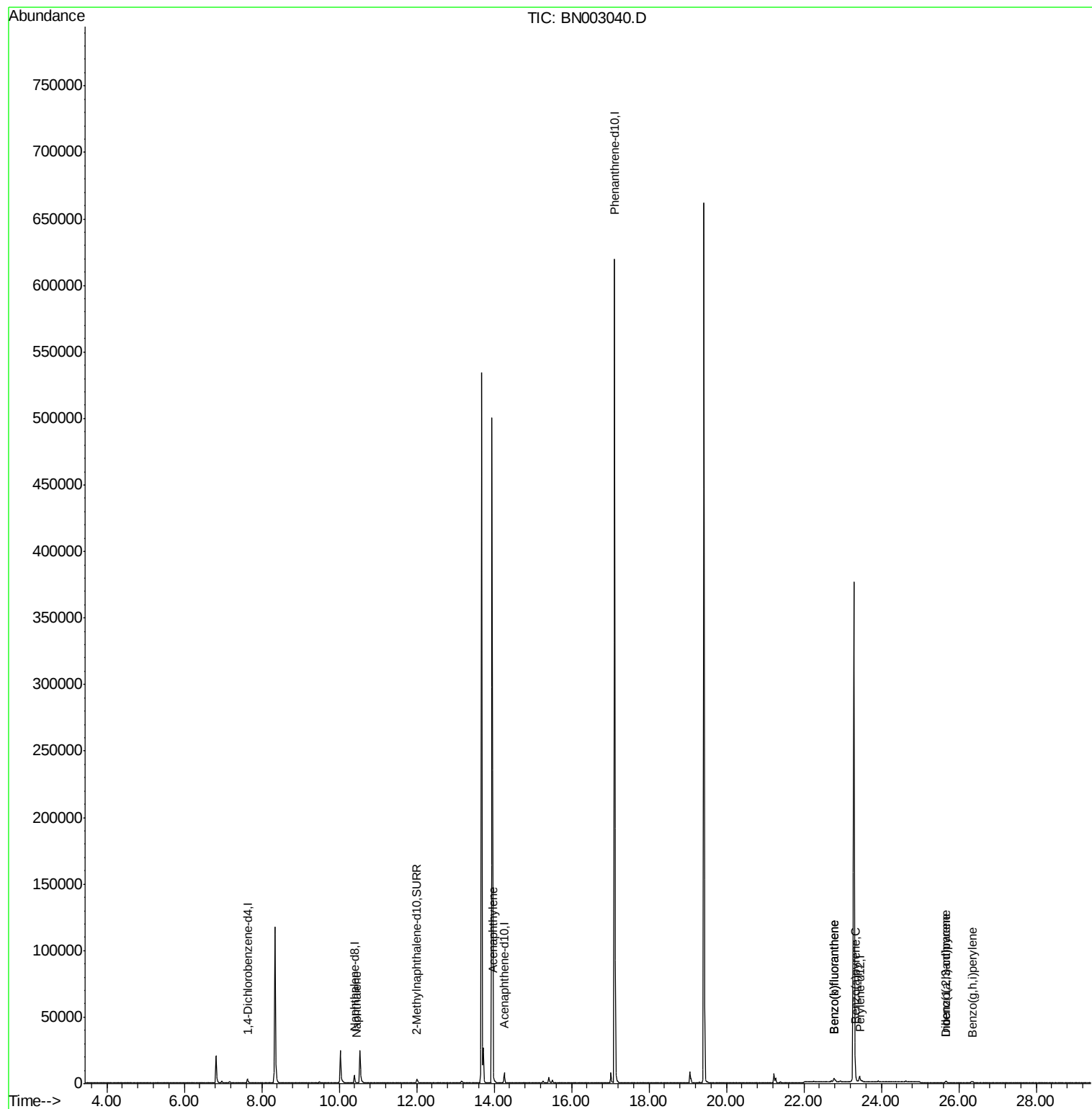
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1875	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7679	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4497	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	723020	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	5890	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4934	0.41	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	422	0.021	ng/ul#	63
7) Acenaphthylene	13.98	152	560	0.027	ng/ul#	77
21) Benzo(b)fluoranthene	22.78	252	5994	0.283	ng/ul	84
22) Benzo(k)fluoranthene	22.78	252	5994	0.273	ng/ul#	85
23) Benzo(a)pyrene	23.34	252	2642	0.139	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.67	276	1793	0.082	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.66	278	525	0.030	ng/ul#	5
26) Benzo(g,h,i)perylene	26.35	276	1763	0.096	ng/ul#	77

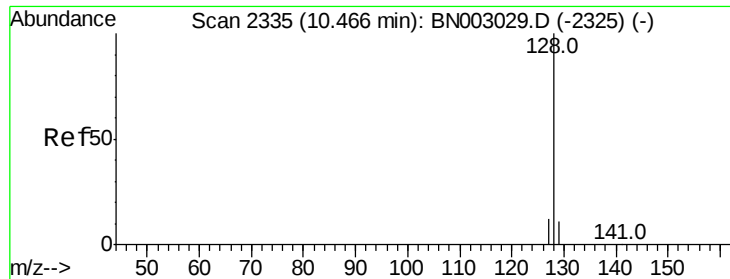
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 01:34:31 2018
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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

ClientSampleId :

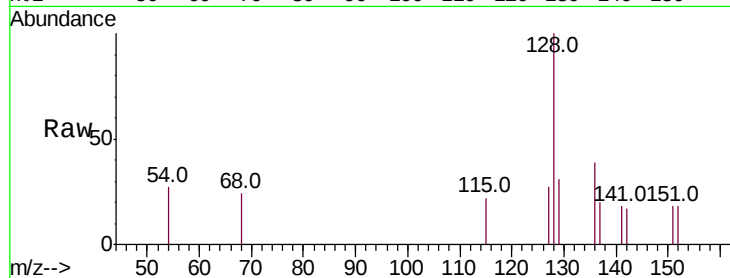
Tot Ion:128 Resp: 422

Ion Ratio Lower Upper

128 100

129 30.9 10.4 15.6#

127 27.0 11.7 17.5#



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

600

400

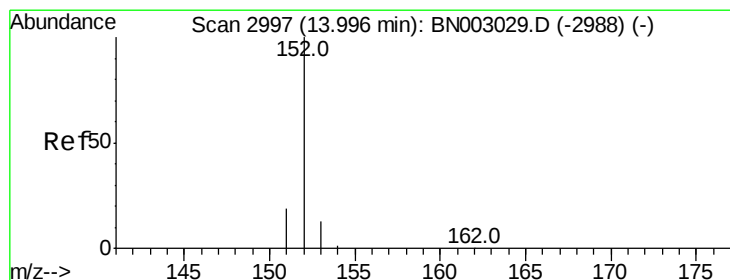
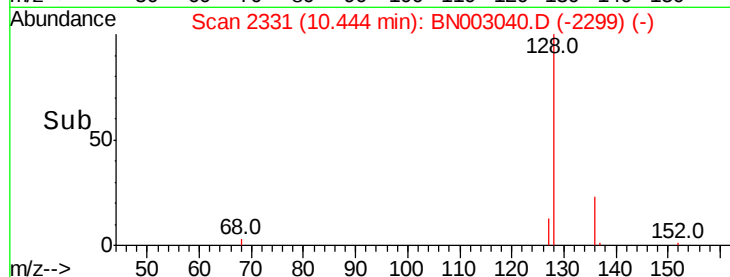
200

0

10.44

10.50

Time-->



#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

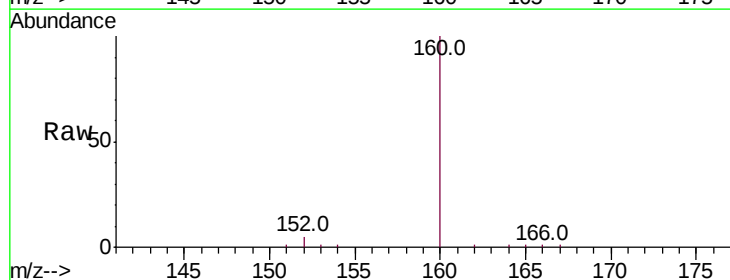
Tgt Ion:152 Resp: 560

Ion Ratio Lower Upper

152 100

151 30.1 16.5 24.7#

153 25.6 11.4 17.2#



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

400

300

200

100

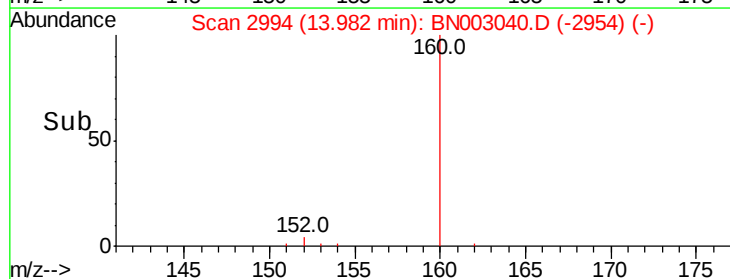
0

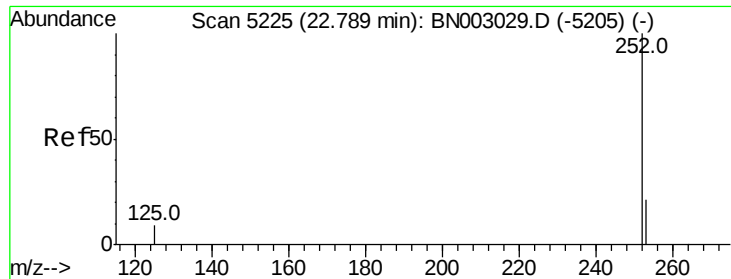
13.98

14.00

14.10

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.283 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

ClientSampleId :

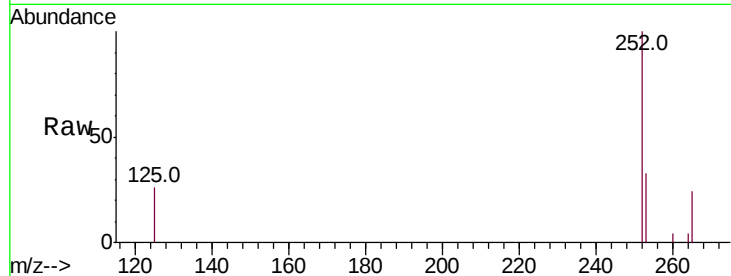
Tot Ion:252 Resp: 5994

Ion Ratio Lower Upper

252 100

253 32.7 0.0 53.2

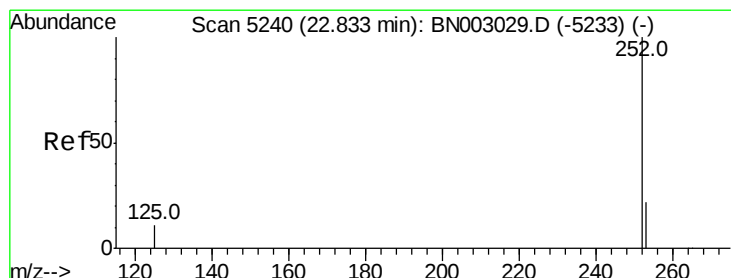
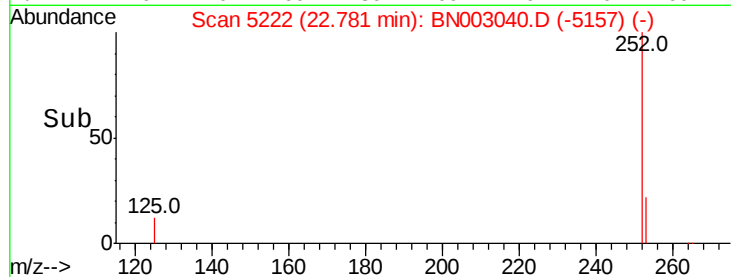
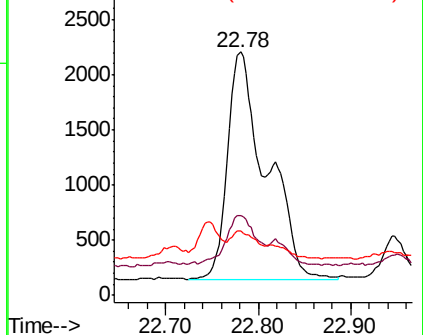
125 26.4 0.0 34.2



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: 0.273 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.05 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

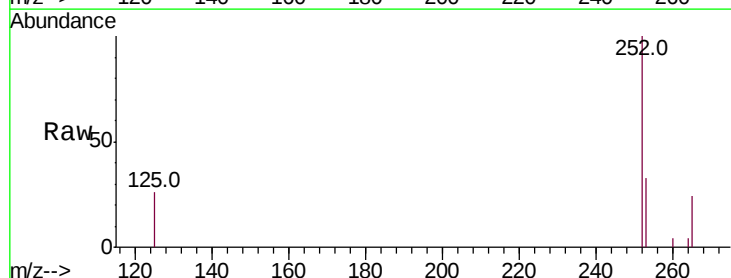
Tgt Ion:252 Resp: 5994

Ion Ratio Lower Upper

252 100

253 32.7 21.3 31.9#

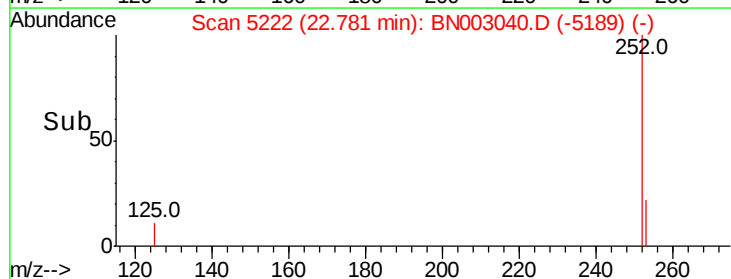
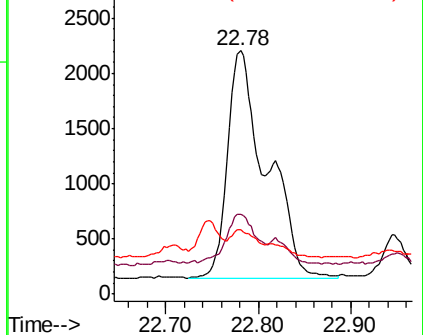
125 26.4 14.1 21.1#

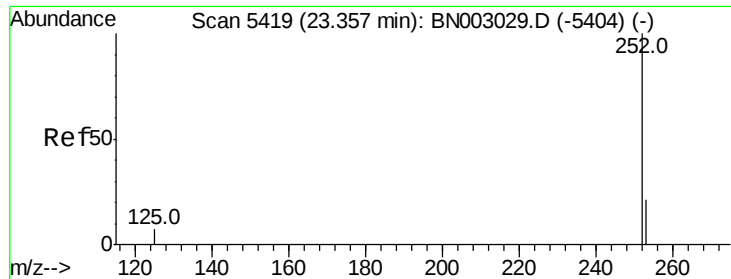


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.139 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

ClientSampleId :

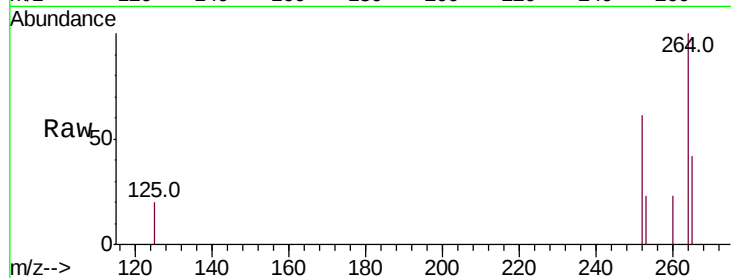
Tot Ion:252 Resp: 2642

Ion Ratio Lower Upper

252 100

253 37.3 23.1 34.7#

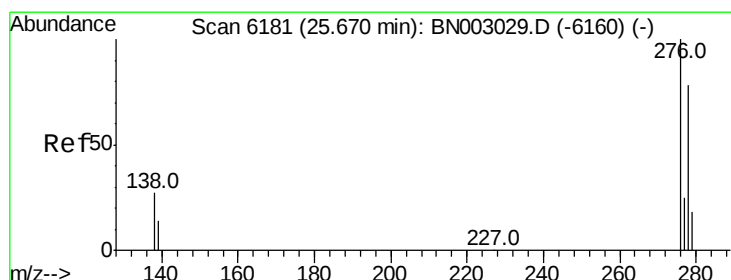
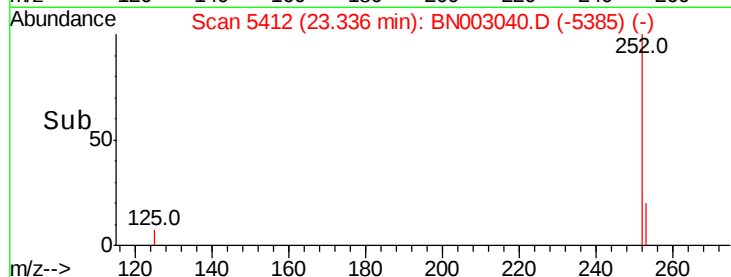
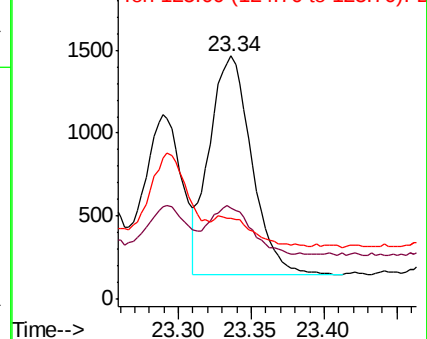
125 33.4 16.9 25.3#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.082 ng/ul

RT: 25.67 min Scan# 6182

Delta R.T. 0.00 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

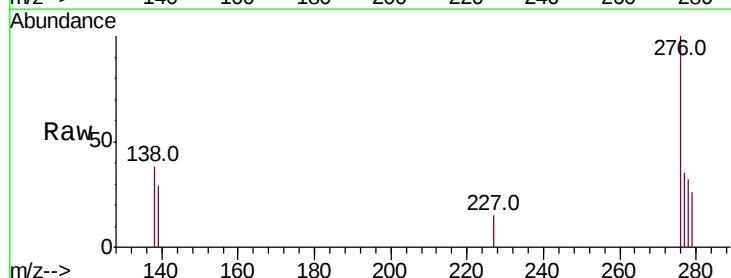
Tgt Ion:276 Resp: 1793

Ion Ratio Lower Upper

276 100

138 22.6 21.5 32.3

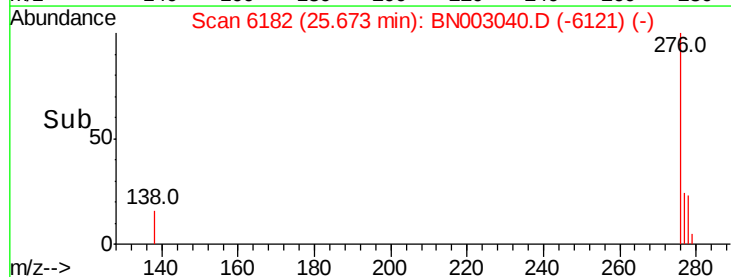
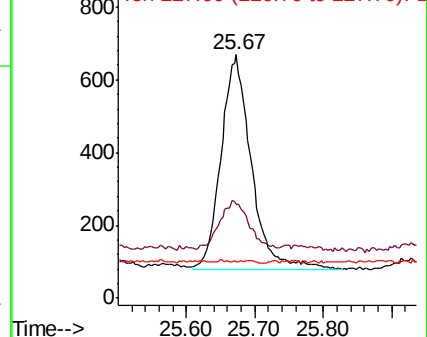
227 0.1 0.3 0.5#

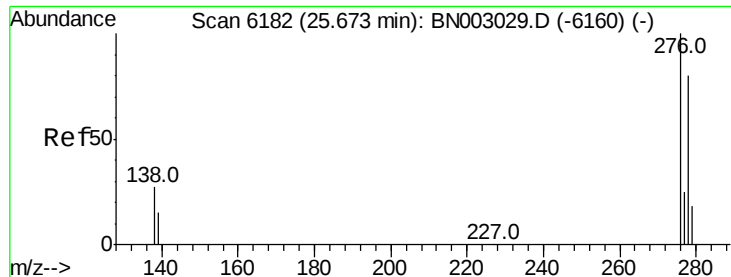


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

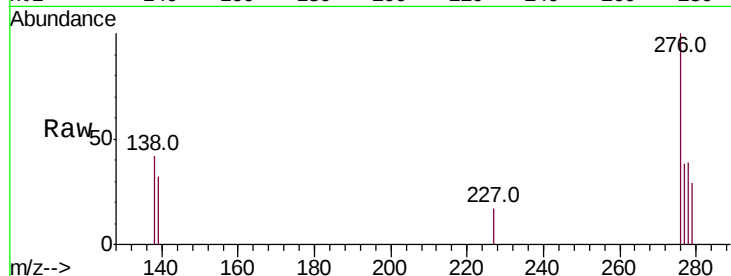




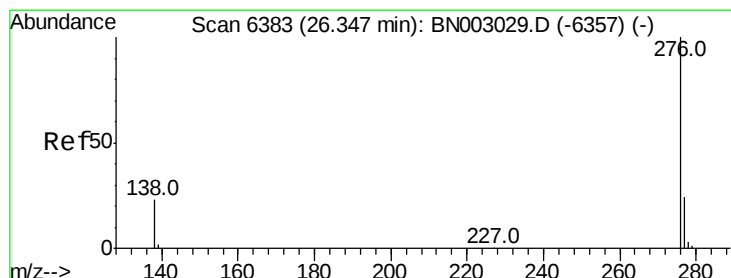
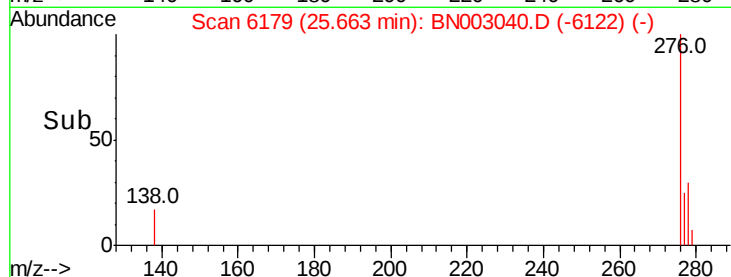
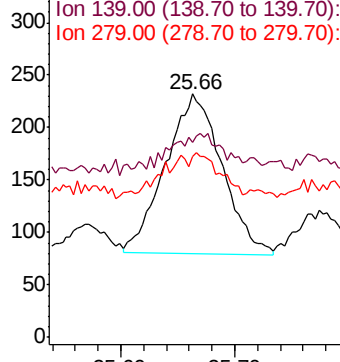
#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.66 min Scan# 6179
Delta R.T. -0.01 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 525
Ion Ratio Lower Upper
278 100
139 80.2 20.2 30.4#
279 74.6 23.8 35.8#

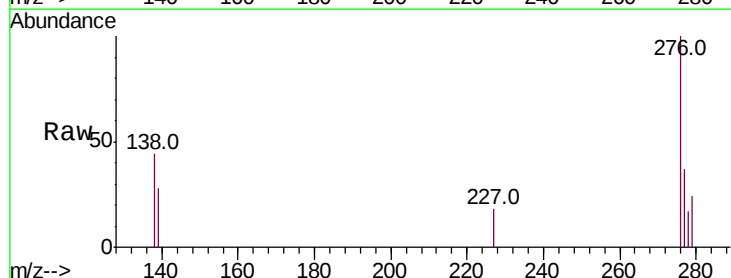


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 26.35 min Scan# 6383
Delta R.T. 0.00 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Tgt Ion:276 Resp: 1763
Ion Ratio Lower Upper
276 100
138 43.9 23.0 34.4#
277 36.6 22.0 33.0#



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

