

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003043.D
 Acq On : 10 Oct 2018 00:47
 Operator : MJ/SJ
 Sample : J5157-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 01:38:33 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

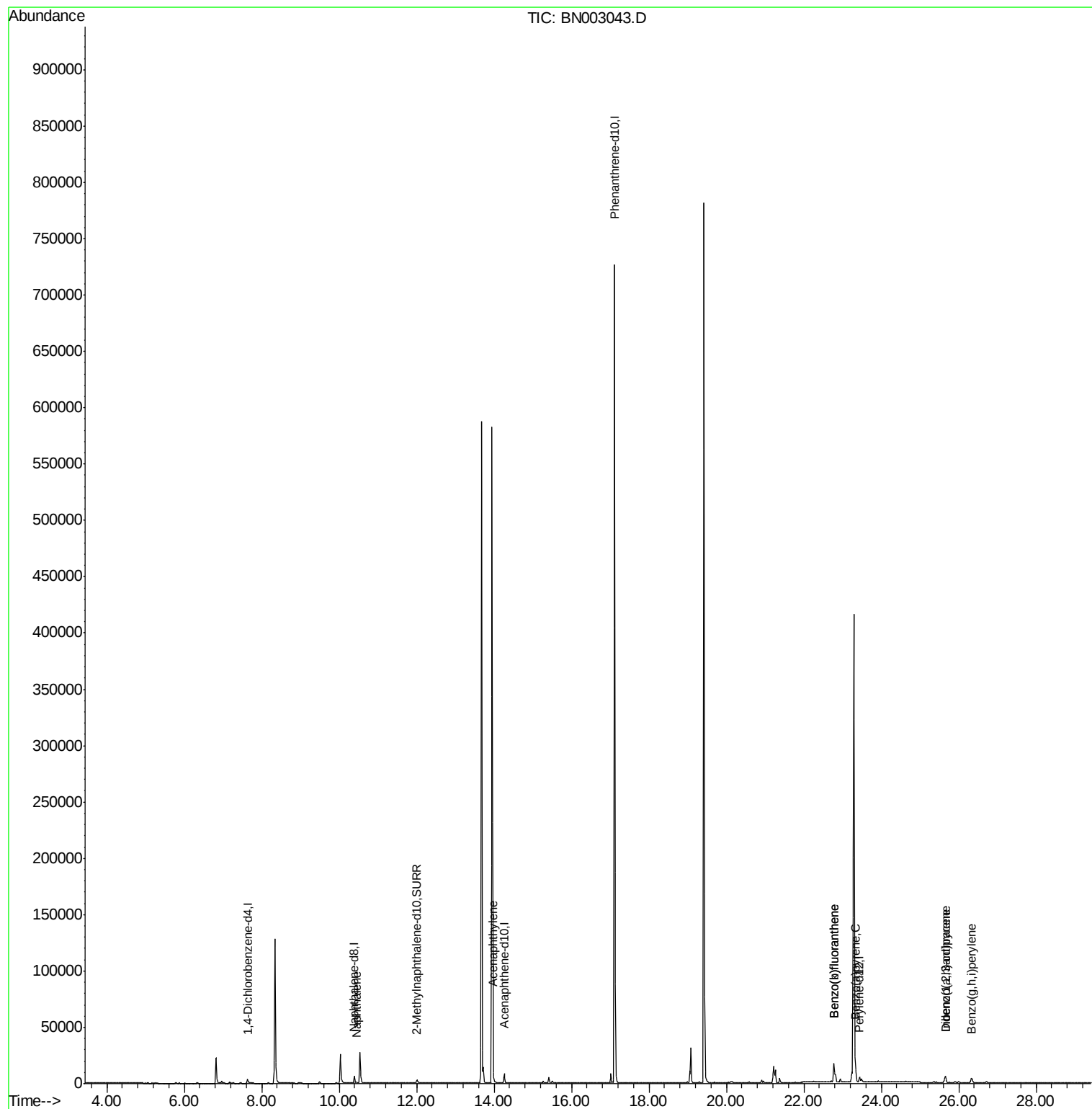
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2008	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8321	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	4898	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	823723	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	6617	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5392	0.42	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.44	128	1348	0.063	ng/ul#	90
7) Acenaphthylene	13.98	152	2005	0.089	ng/ul#	92
21) Benzo(b)fluoranthene	22.78	252	35069	1.472	ng/ul	94
22) Benzo(k)fluoranthene	22.78	252	35082	1.420	ng/ul#	93
23) Benzo(a)pyrene	23.34	252	16292	0.763	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.66	276	9157	0.373	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	2743	0.140	ng/ul#	82
26) Benzo(g,h,i)perylene	26.33	276	8631	0.417	ng/ul	99

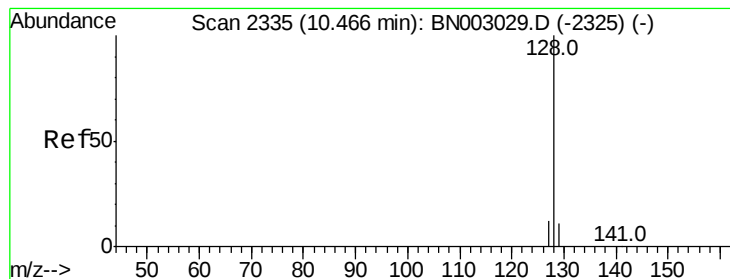
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.03 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Instrument :

BNA_N

ClientSampled :

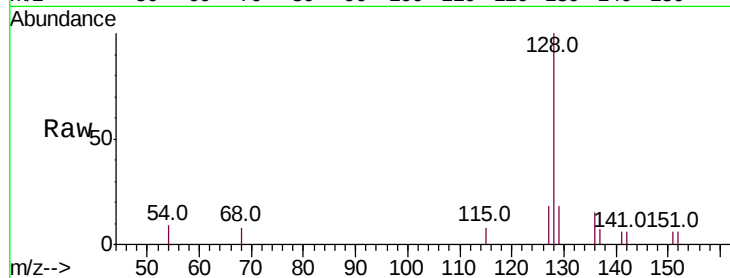
Tot Ion:128 Resp: 1348

Ion Ratio Lower Upper

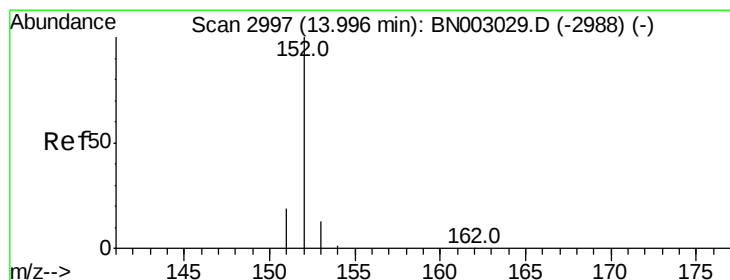
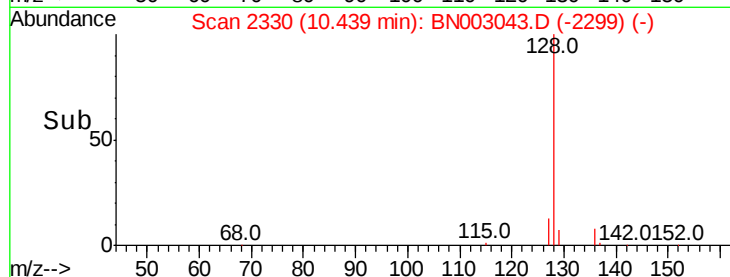
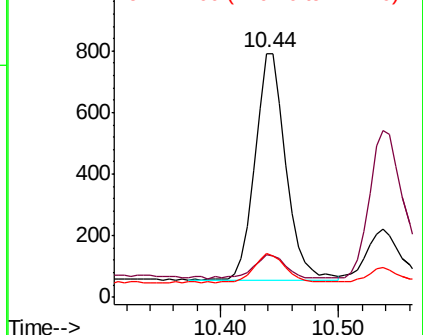
128 100

129 17.7 10.4 15.6#

127 18.1 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



#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

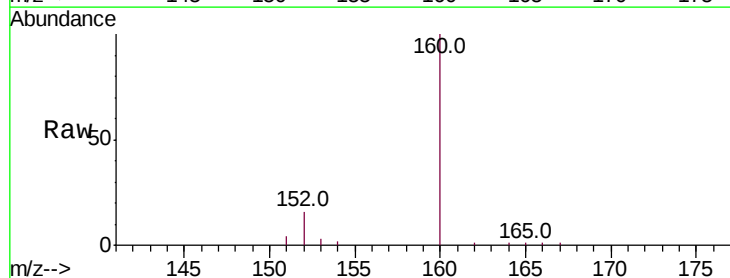
Tgt Ion:152 Resp: 2005

Ion Ratio Lower Upper

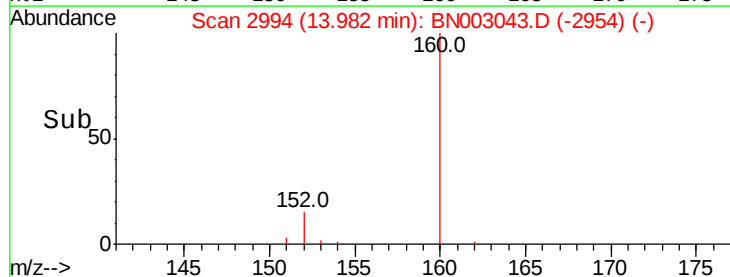
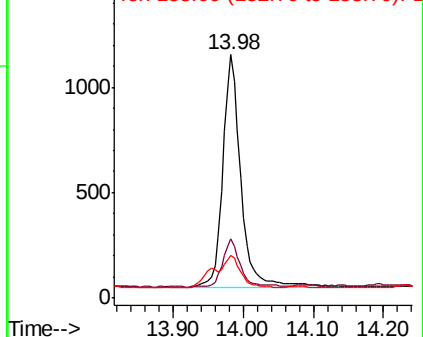
152 100

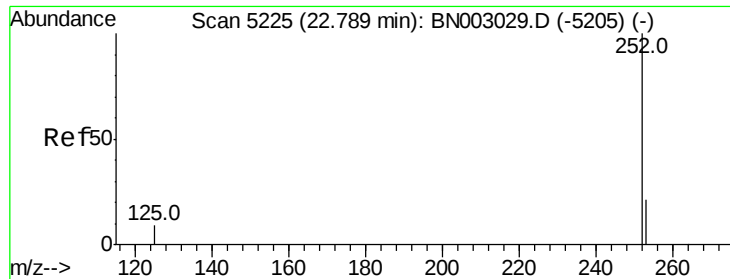
151 24.2 16.5 24.7

153 17.6 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

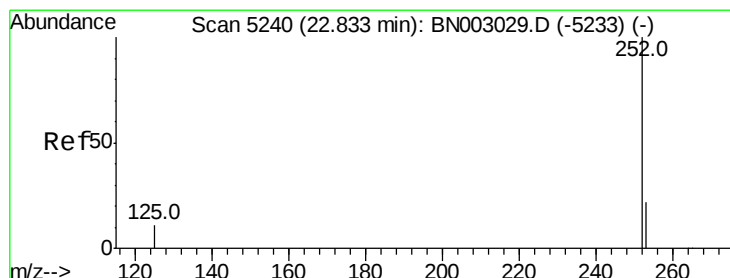
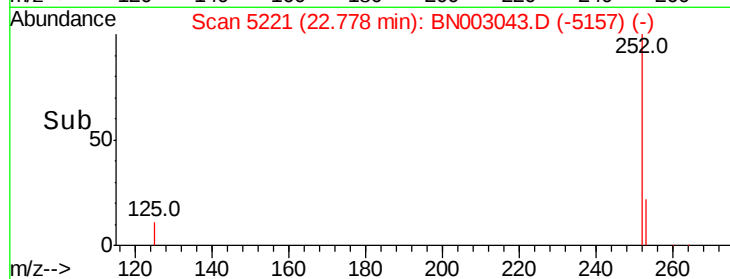
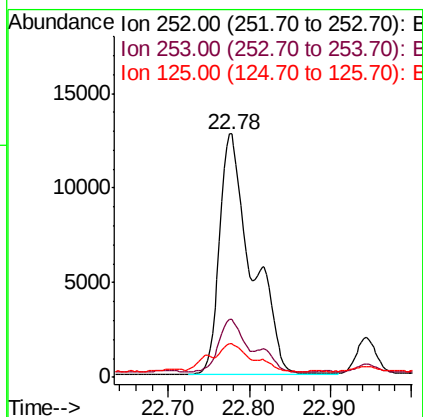
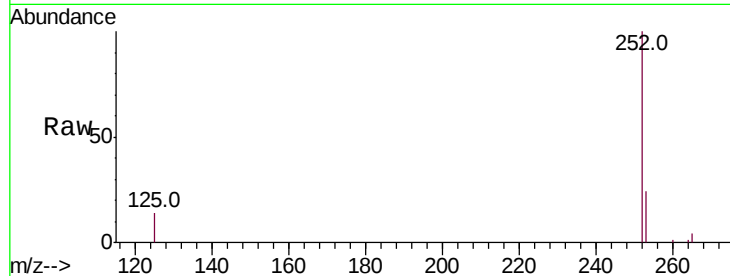




#21
Benzo(b)fluoranthene
Concen: 1.472 ng/uL
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

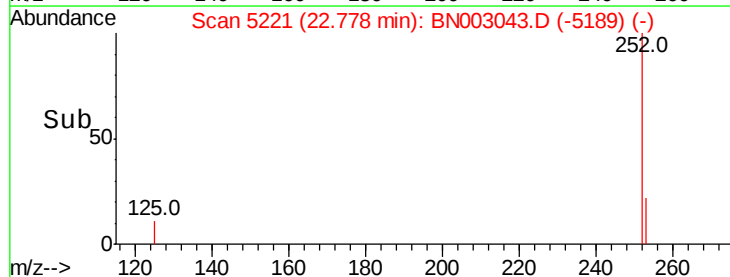
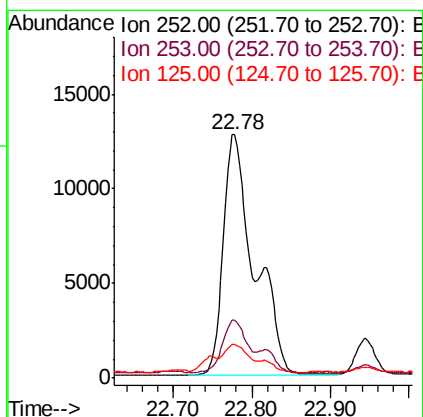
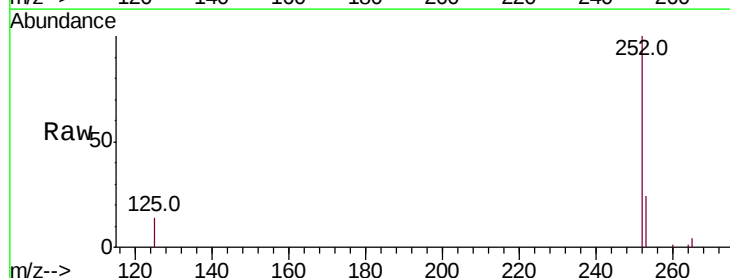
Instrument :
BNA_N
ClientSampleId :

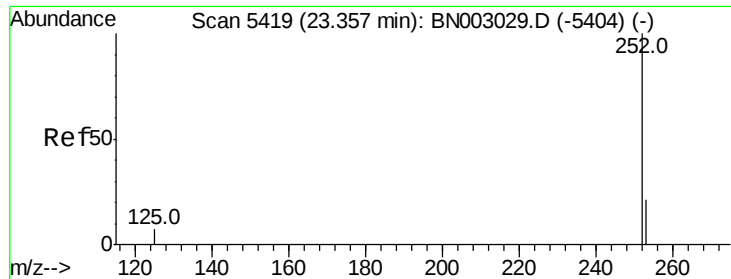
Tot Ion:252 Resp: 35069
Ion Ratio Lower Upper
252 100
253 23.9 0.0 53.2
125 13.9 0.0 34.2



#22
Benzo(k)fluoranthene
Concen: 1.420 ng/uL
RT: 22.78 min Scan# 5221
Delta R.T. -0.06 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Tgt Ion:252 Resp: 35082
Ion Ratio Lower Upper
252 100
253 23.9 21.3 31.9
125 13.9 14.1 21.1#





#23

Benzo(a)pyrene

Concen: 0.763 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Instrument :

BNA_N

ClientSampleId :

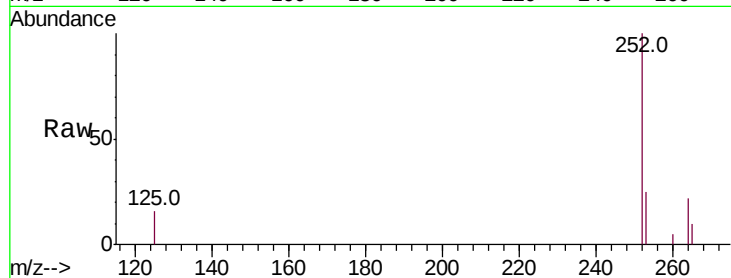
Tot Ion:252 Resp: 16292

Ion Ratio Lower Upper

252 100

253 24.6 23.1 34.7

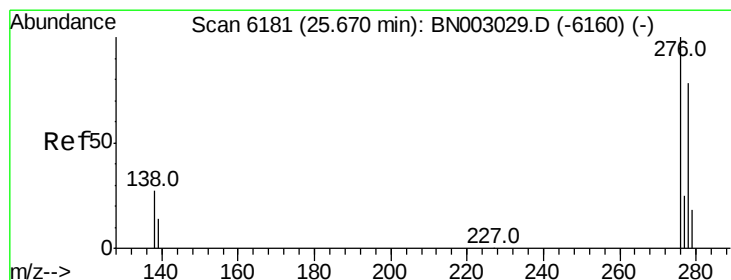
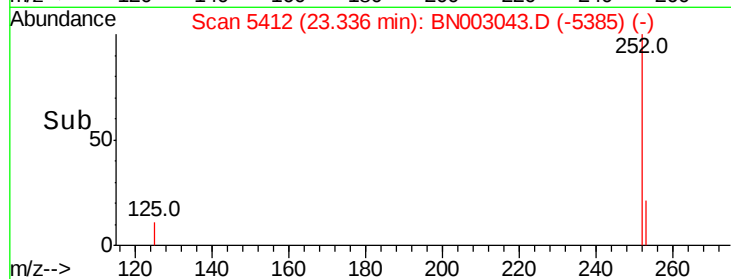
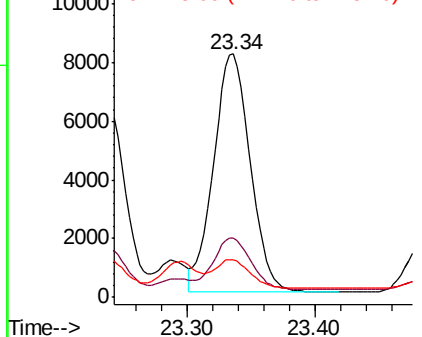
125 15.6 16.9 25.3#



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: 0.373 ng/ul

RT: 25.66 min Scan# 6177

Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

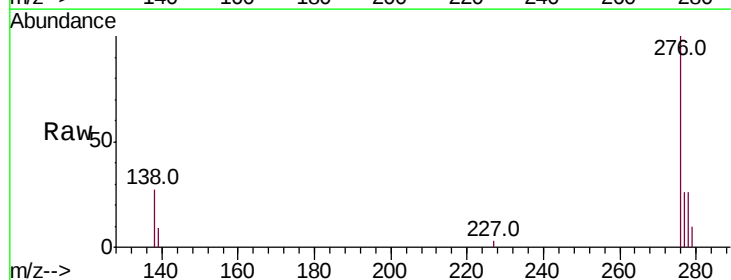
Tgt Ion:276 Resp: 9157

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

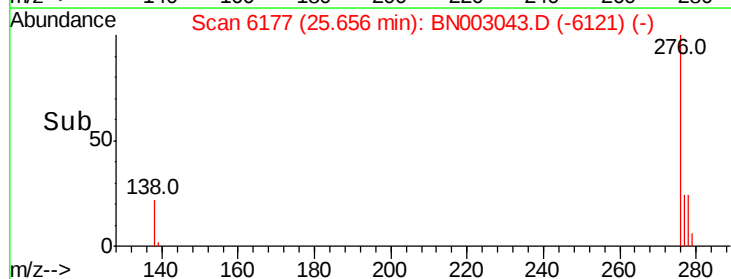
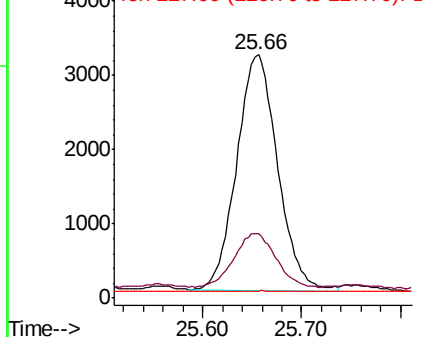
227 0.1 0.3 0.5#

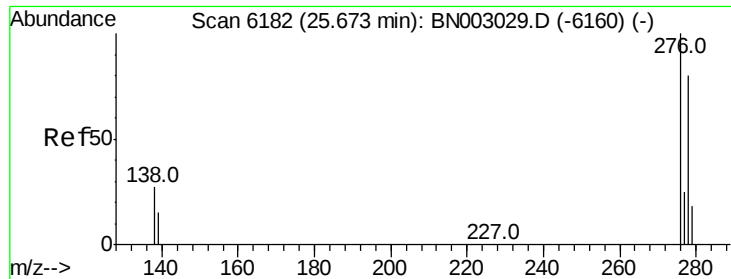


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



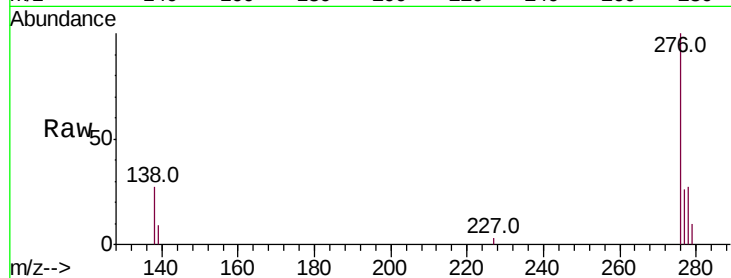


#25

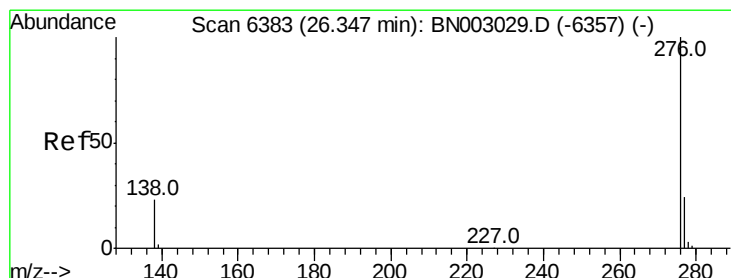
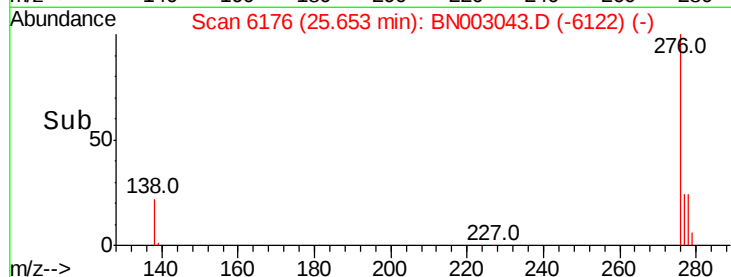
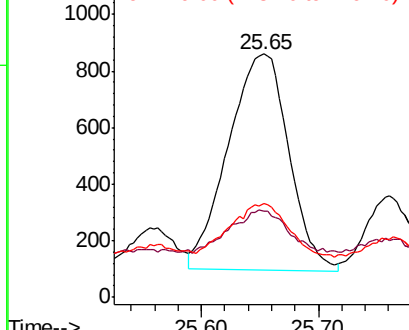
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.02 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2743
Ion Ratio Lower Upper
278 100
139 35.5 20.2 30.4#
279 38.4 23.8 35.8#



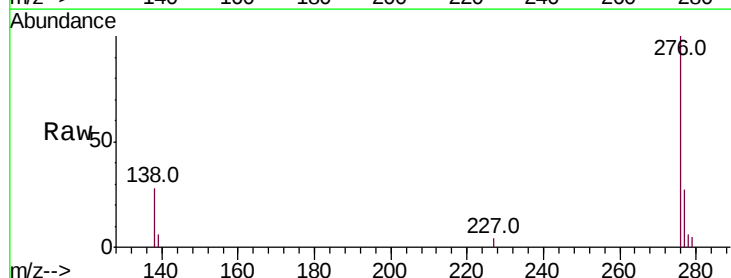
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.33 min Scan# 6378
Delta R.T. -0.02 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Tgt Ion:276 Resp: 8631
Ion Ratio Lower Upper
276 100
138 27.7 23.0 34.4
277 27.2 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

