

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003112.D
 Acq On : 11 Oct 2018 20:36
 Operator : MJ/SJ
 Sample : J5368-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:37:40 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 : Fri Oct 12 05:29:36 2018
 Response via : Initial Calibration

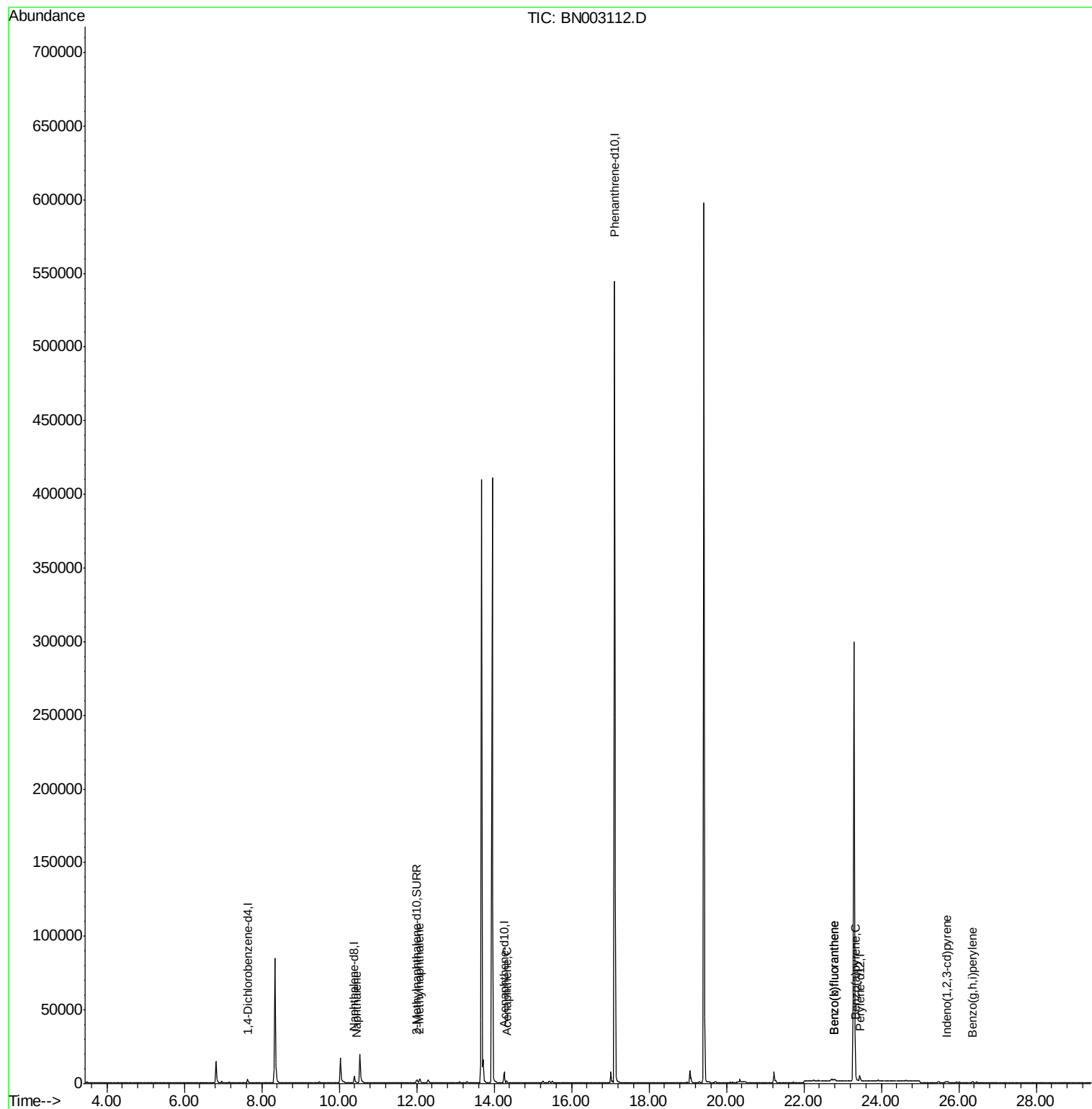
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1534	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6626	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3986	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	628604	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	5319	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3810	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	753	0.044	ng/ul#	80
5) 2-Methylnaphthalene	12.08	142	2797	0.239	ng/ul	97
8) Acenaphthene	14.32	153	1021	0.074	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	2208	0.115	ng/ul#	1
22) Benzo(k)fluoranthene	22.79	252	2202	0.111	ng/ul#	1
23) Benzo(a)pyrene	23.34	252	922	0.054	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.68	276	629	0.032	ng/ul#	86
26) Benzo(g,h,i)perylene	26.36	276	587	0.035	ng/ul#	29

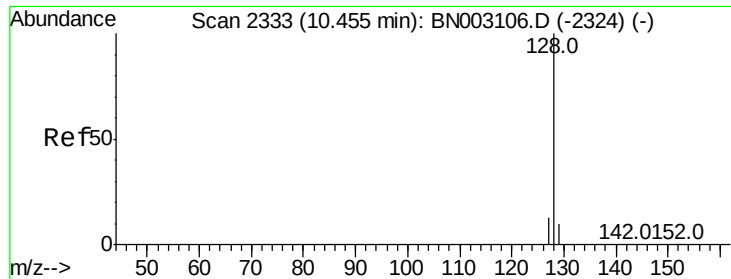
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.044 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

Instrument :

BNA_N

ClientSampleId :

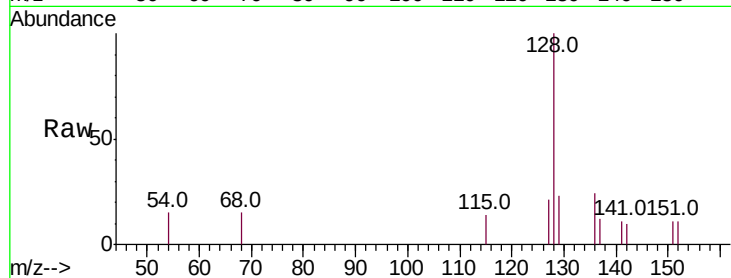
Tot Ion:128 Resp: 753

Ion Ratio Lower Upper

128 100

129 22.9 10.4 15.6#

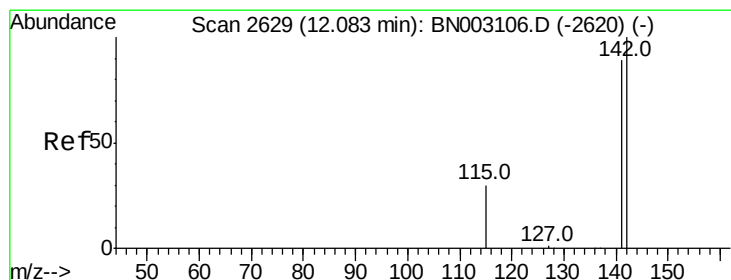
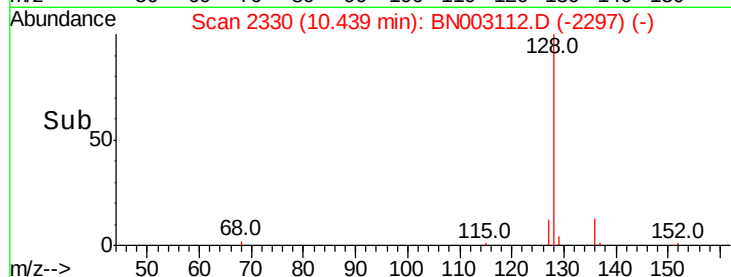
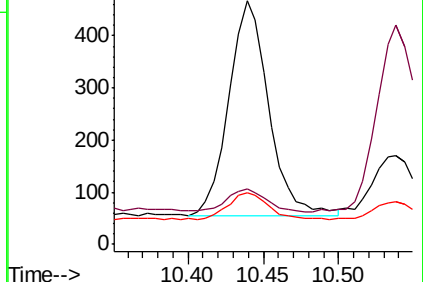
127 21.2 11.7 17.5#



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



#5

2-Methylnaphthalene

Concen: 0.239 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BN003112.D

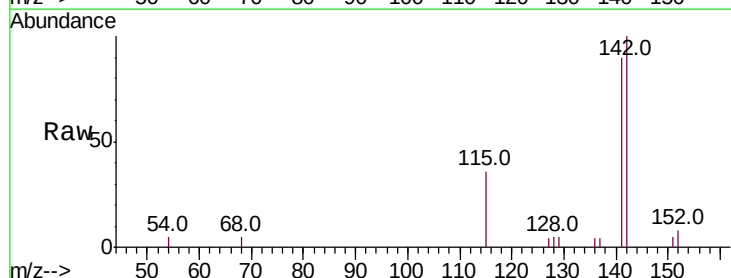
Acq: 11 Oct 2018 20:36

Tgt Ion:142 Resp: 2797

Ion Ratio Lower Upper

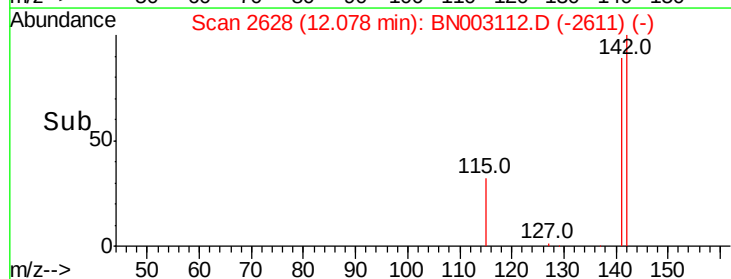
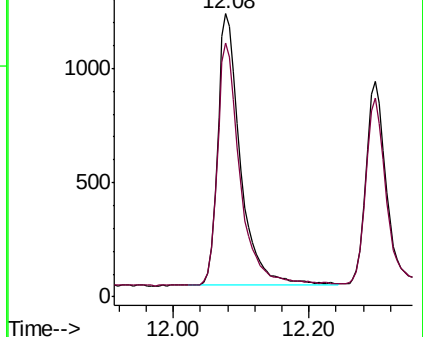
142 100

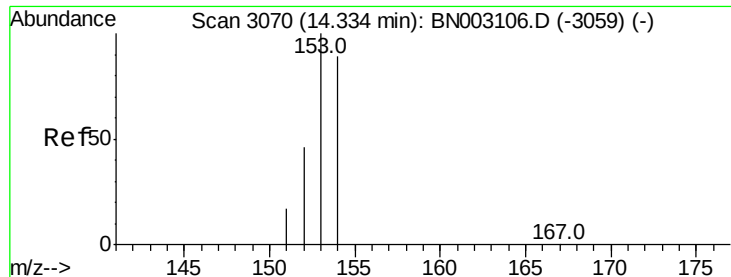
141 89.0 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.074 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

Instrument :

BNA_N

ClientSampleId :

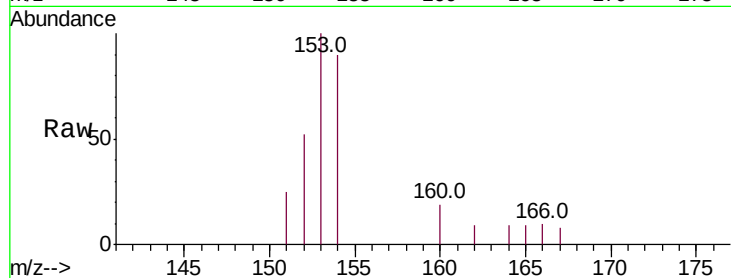
Tot Ion:153 Resp: 1021

Ion Ratio Lower Upper

153 100

152 52.0 38.2 57.4

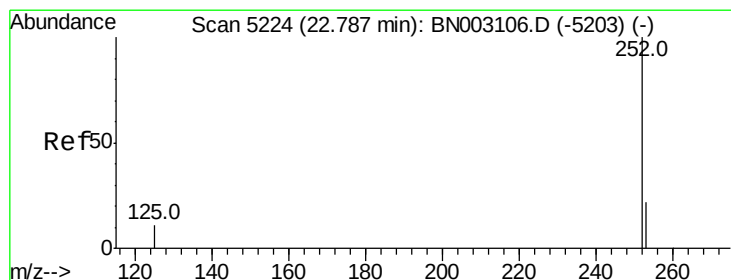
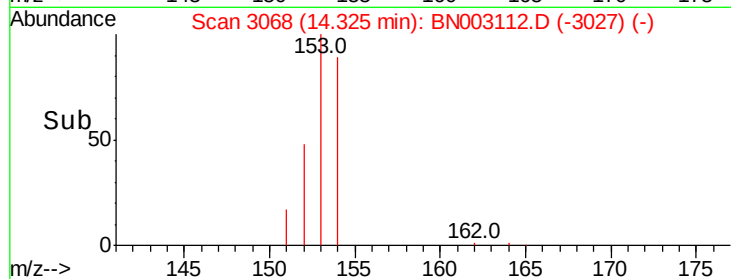
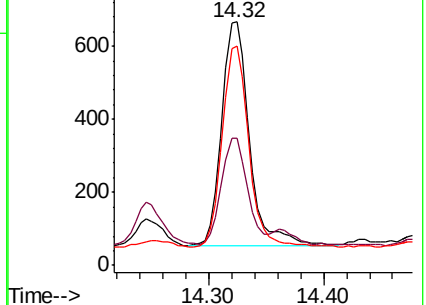
154 90.0 70.2 105.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#21

Benzo(b)fluoranthene

Concen: 0.115 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

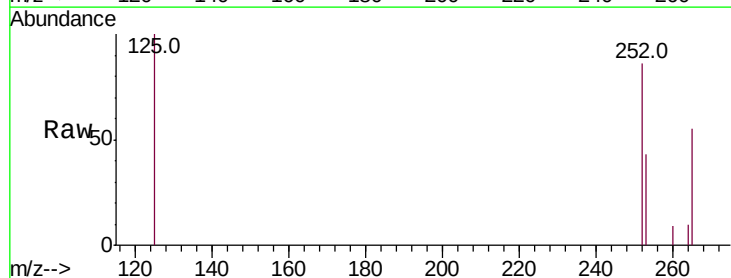
Tgt Ion:252 Resp: 2208

Ion Ratio Lower Upper

252 100

253 50.5 0.0 53.2

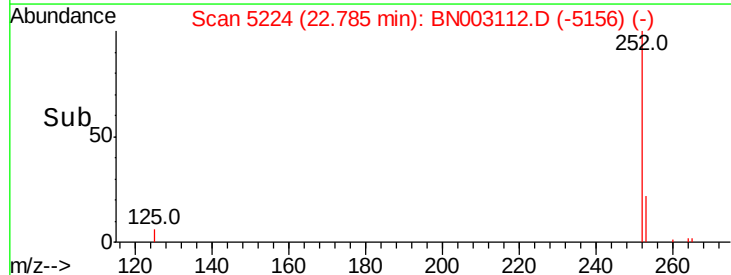
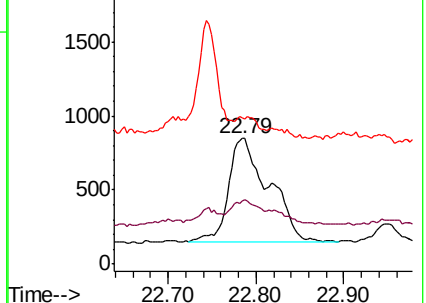
125 116.6 0.0 34.2#

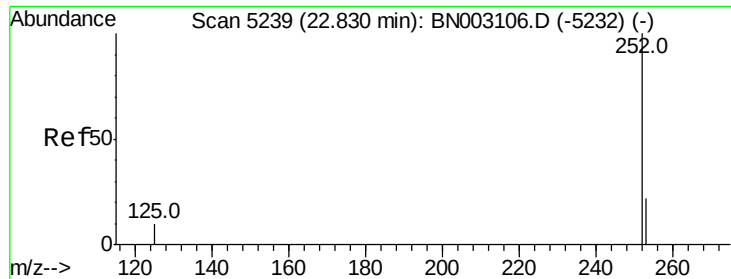


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.111 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.05 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

Instrument :

BNA_N

ClientSampleId :

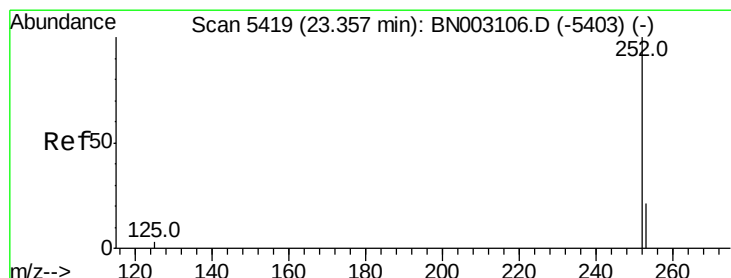
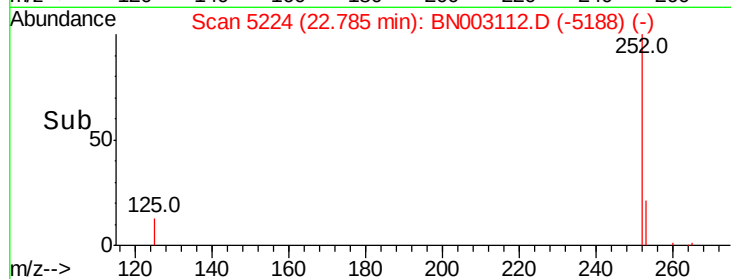
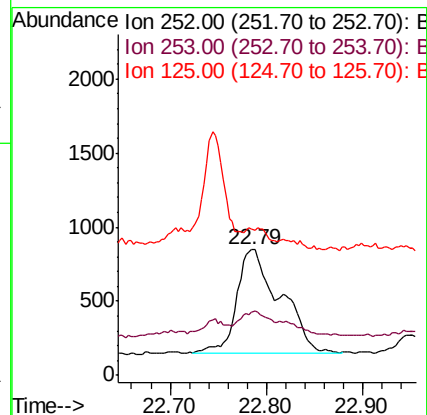
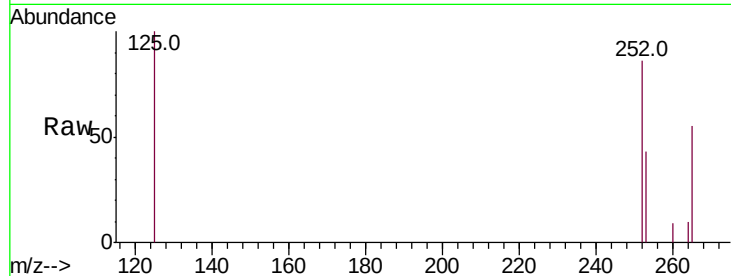
Tot Ion:252 Resp: 2202

Ion Ratio Lower Upper

252 100

253 50.5 21.3 31.9#

125 116.6 14.1 21.1#



#23

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

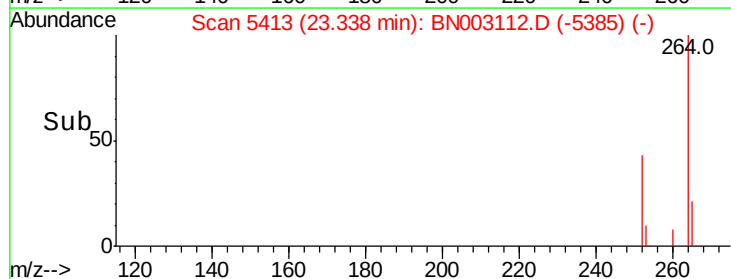
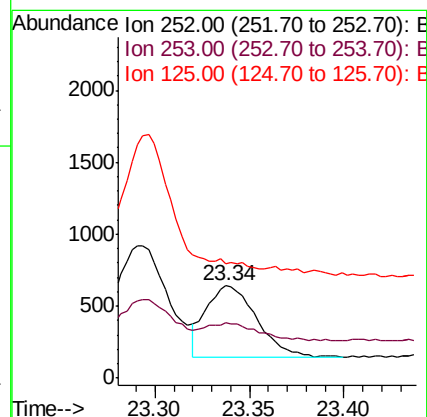
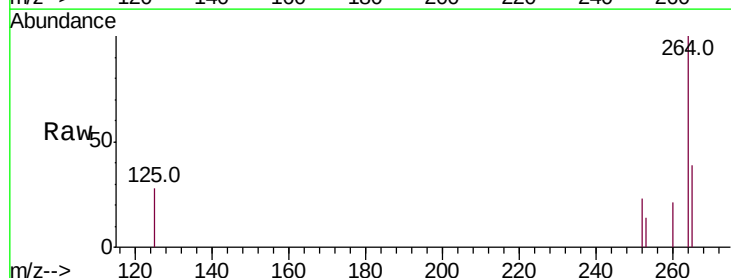
Tgt Ion:252 Resp: 922

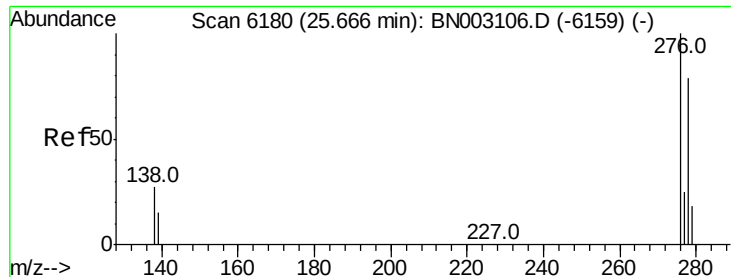
Ion Ratio Lower Upper

252 100

253 60.1 23.1 34.7#

125 124.3 16.9 25.3#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

RT: 25.68 min Scan# 6184

Delta R.T. 0.01 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

Instrument :

BNA_N

ClientSampleId :

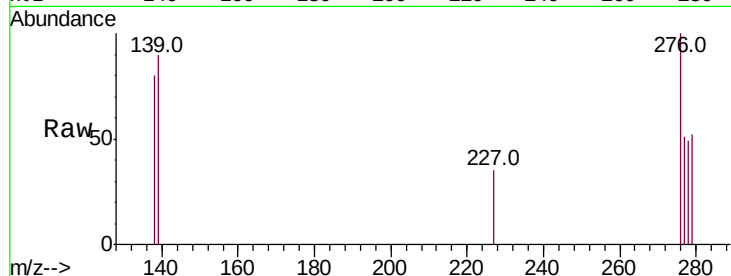
Tot Ion:276 Resp: 629

Ion Ratio Lower Upper

276 100

138 34.3 21.5 32.3#

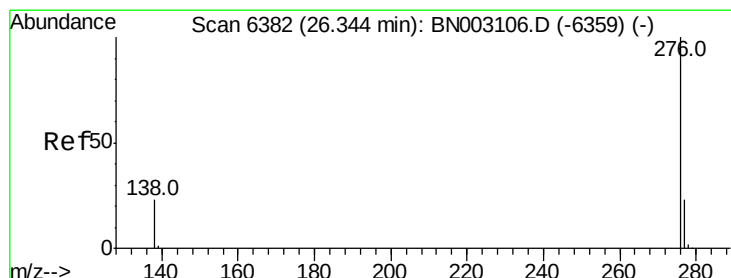
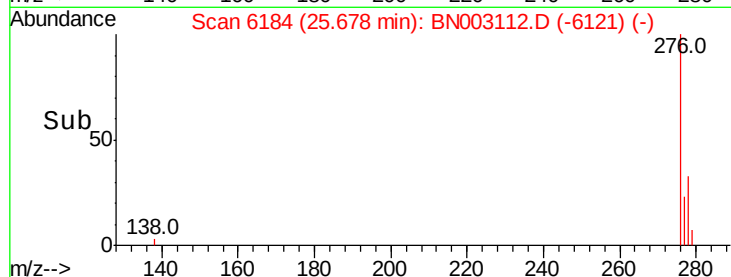
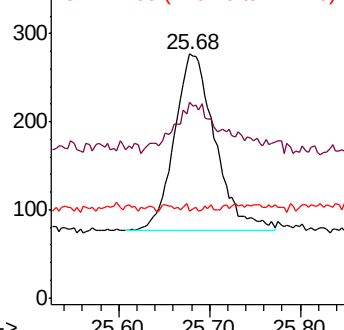
227 0.3 0.3 0.5#



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



#26

Benzo(g,h,i)perylene

Concen: 0.035 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.02 min

Lab File: BN003112.D

Acq: 11 Oct 2018 20:36

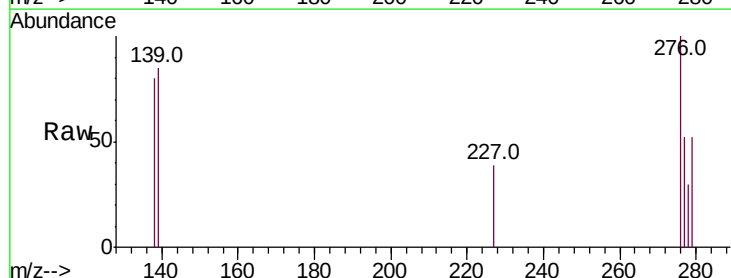
Tgt Ion:276 Resp: 587

Ion Ratio Lower Upper

276 100

138 79.5 23.0 34.4#

277 51.6 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

