

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003042.D
 Acq On : 10 Oct 2018 00:12
 Operator : MJ/SJ
 Sample : J5157-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 01:38:27 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

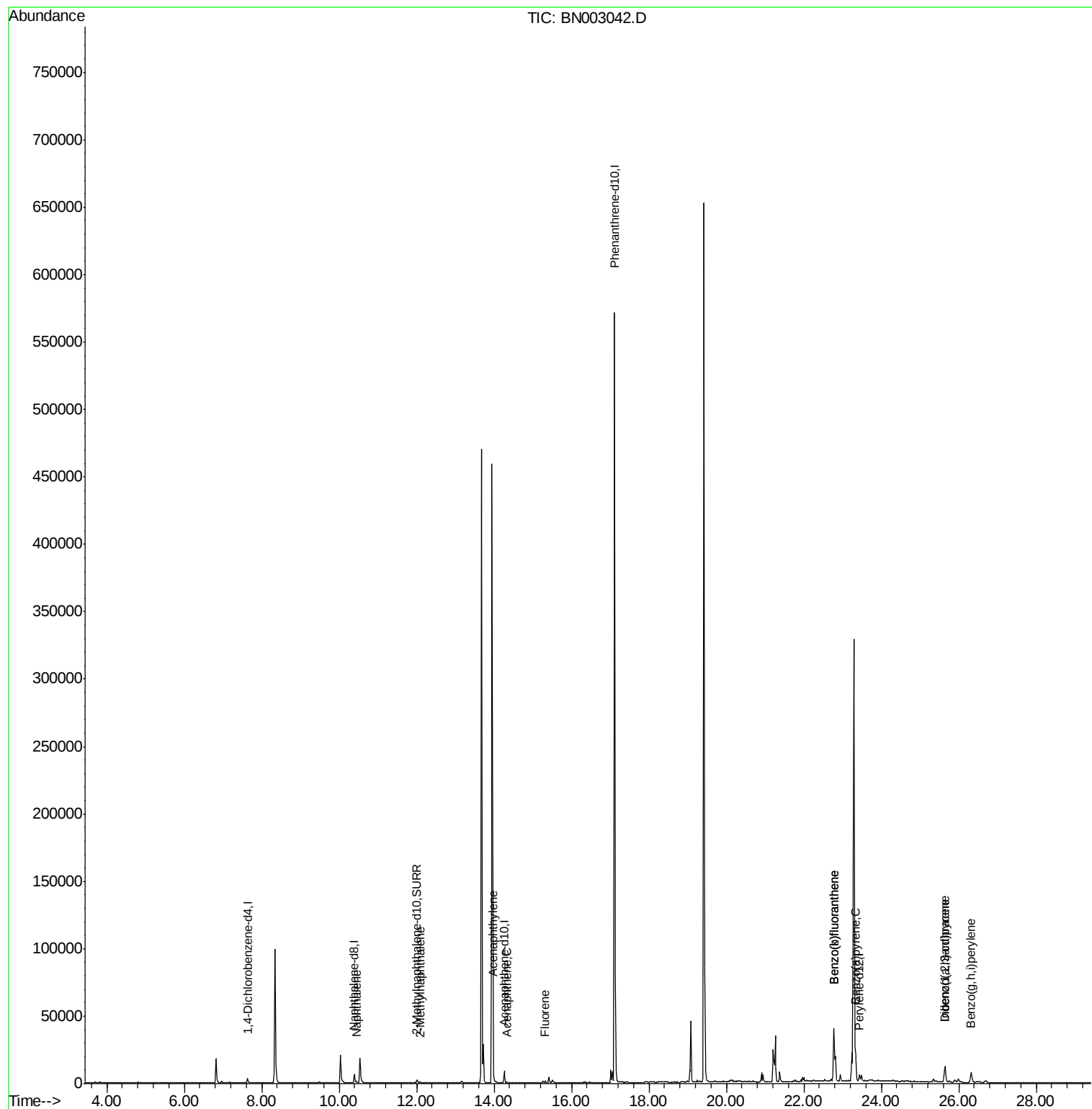
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2010	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8440	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4944	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	671677	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	6968	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4364	0.33	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	1695	0.078	ng/ul#	93
5) 2-Methylnaphthalene	12.08	142	523	0.035	ng/ul	95
7) Acenaphthylene	13.98	152	3395	0.150	ng/ul	96
8) Acenaphthene	14.32	153	609	0.035	ng/ul	96
9) Fluorene	15.32	166	946	0.048	ng/ul#	94
21) Benzo(b)fluoranthene	22.77	252	82176	3.275	ng/ul	92
22) Benzo(k)fluoranthene	22.77	252	82176	3.159	ng/ul#	92
23) Benzo(a)pyrene	23.34	252	30691	1.365	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.65	276	17832	0.690	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	5122	0.248	ng/ul	93
26) Benzo(g,h,i)perylene	26.32	276	14679	0.674	ng/ul	96

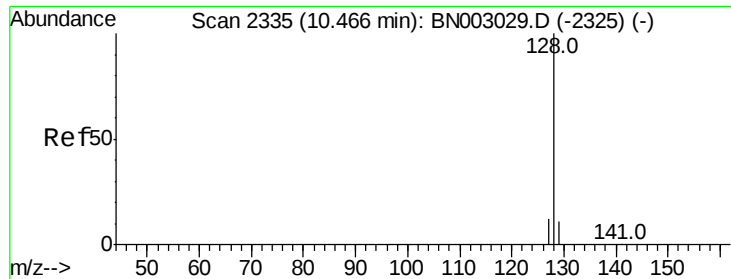
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.078 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003042.D

Acq: 10 Oct 2018 00:12

Instrument :

BNA_N

ClientSampleId :

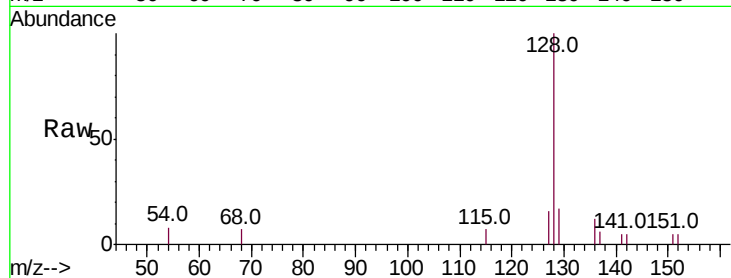
Tot Ion:128 Resp: 1695

Ion Ratio Lower Upper

128 100

129 16.5 10.4 15.6#

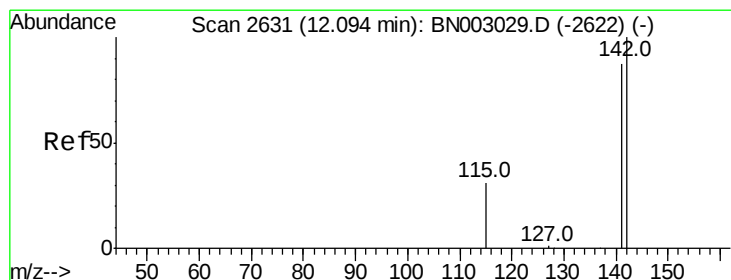
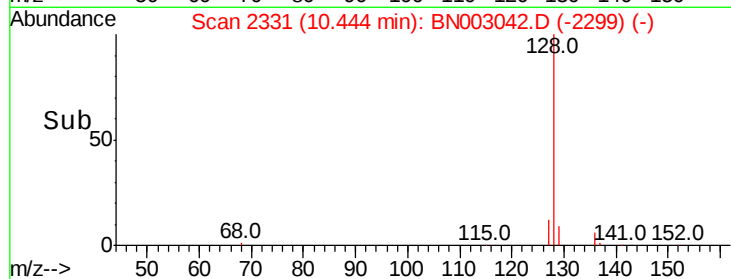
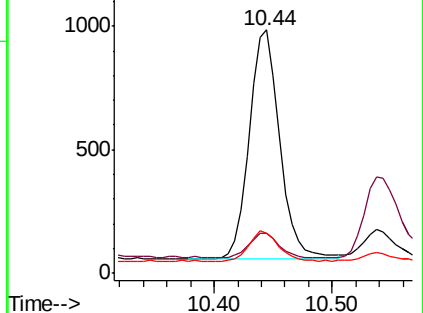
127 16.4 11.7 17.5



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: 0.035 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003042.D

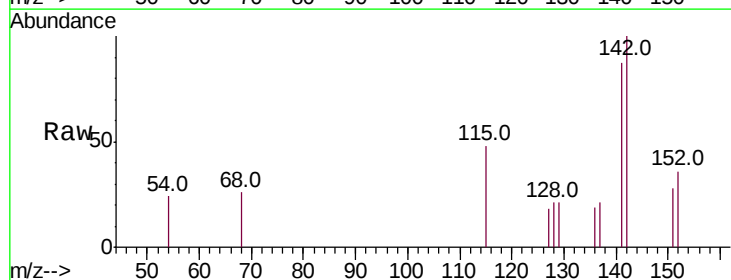
Acq: 10 Oct 2018 00:12

Tgt Ion:142 Resp: 523

Ion Ratio Lower Upper

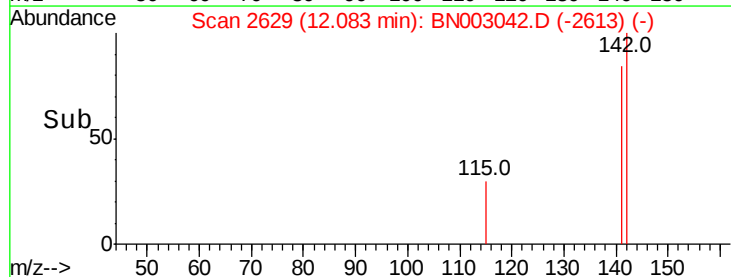
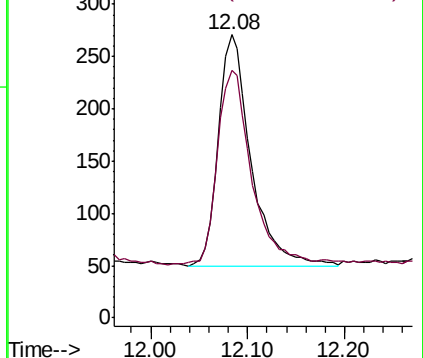
142 100

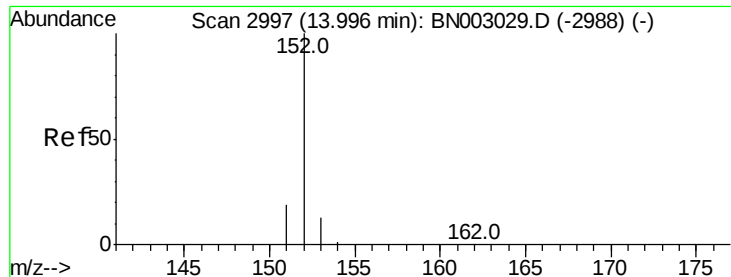
141 86.8 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.150 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003042.D

Acq: 10 Oct 2018 00:12

Instrument :

BNA_N

ClientSampled :

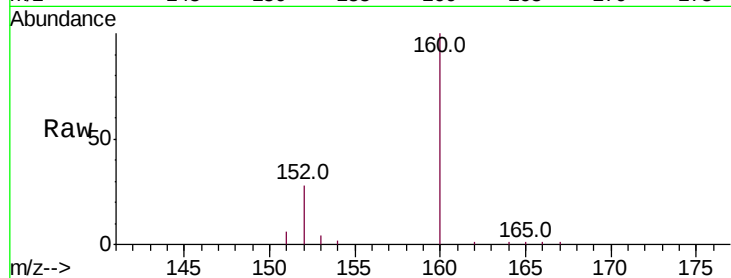
Tot Ion:152 Resp: 3395

Ion Ratio Lower Upper

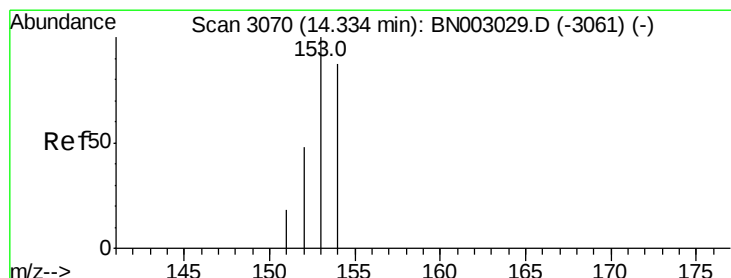
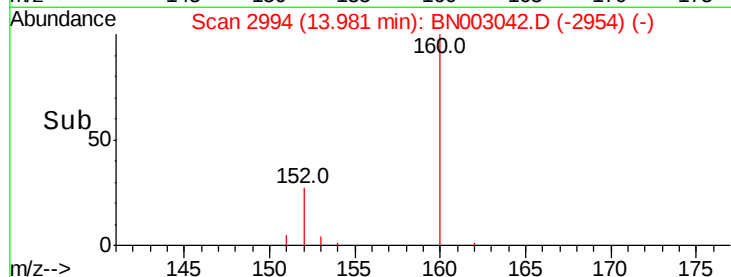
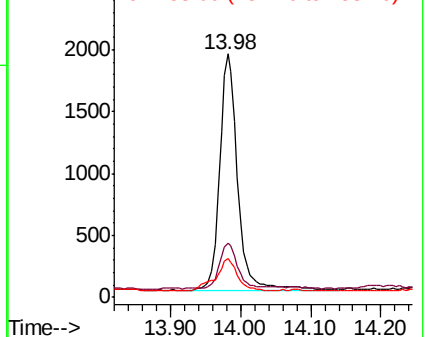
152 100

151 22.4 16.5 24.7

153 16.0 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



#8

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003042.D

Acq: 10 Oct 2018 00:12

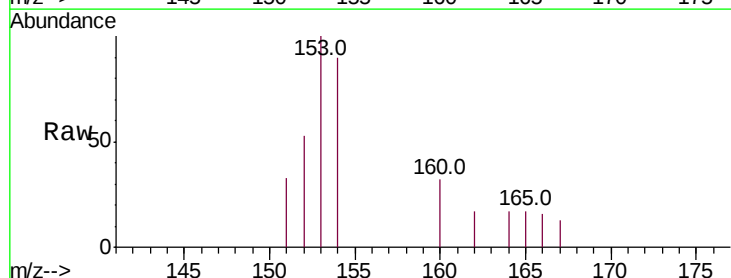
Tgt Ion:153 Resp: 609

Ion Ratio Lower Upper

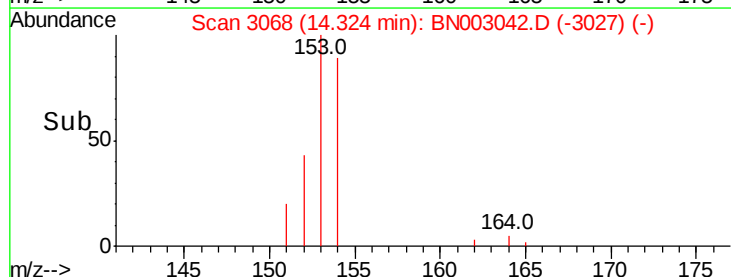
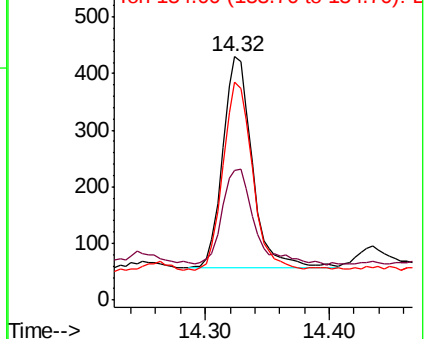
153 100

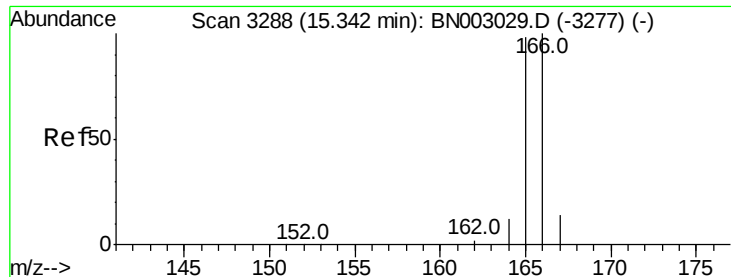
152 53.3 38.2 57.4

154 89.5 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

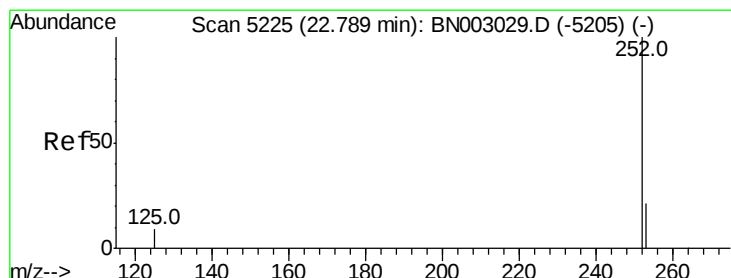
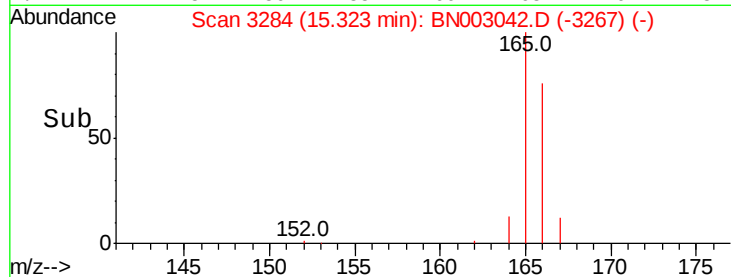
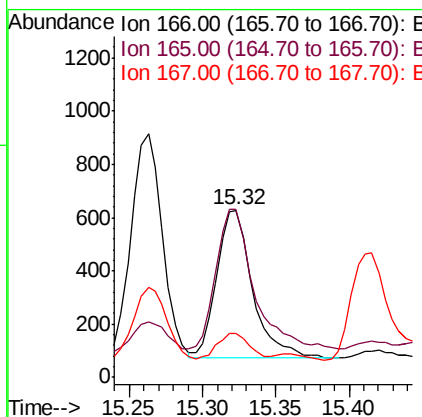
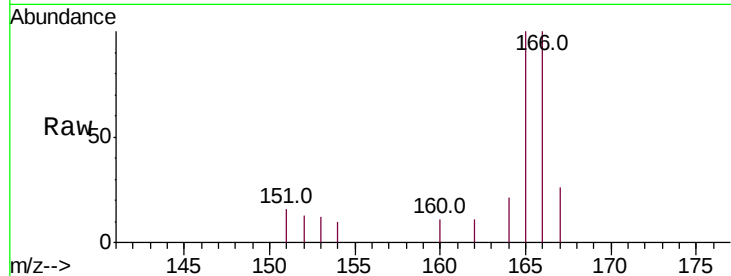




#9
Fluorene
 Concen: 0.048 ng/ul
 RT: 15.32 min Scan# 3284
 Delta R.T. -0.02 min
 Lab File: BN003042.D
 Acq: 10 Oct 2018 00:12

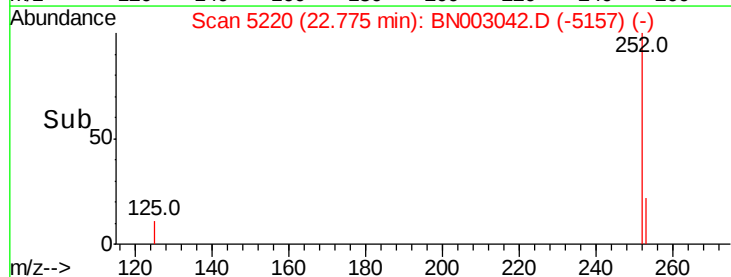
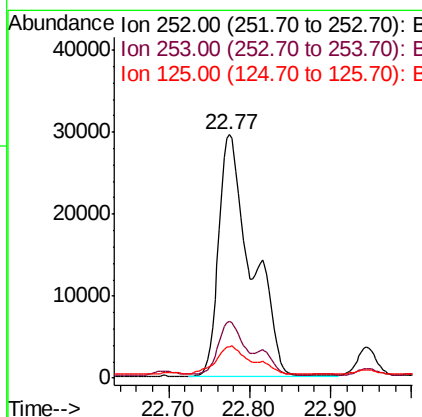
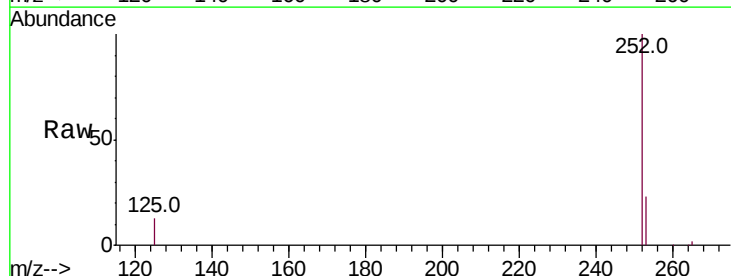
Instrument :
 BNA_N
 ClientSampleId :

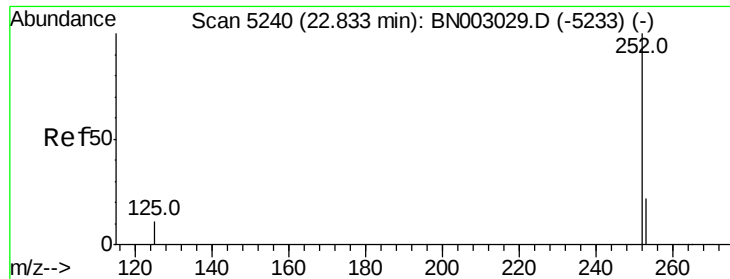
Tot Ion:166 Resp: 946
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.5 117.7
 167 26.4 11.6 17.4#



#21
Benzo(b)fluoranthene
 Concen: 3.275 ng/ul
 RT: 22.77 min Scan# 5220
 Delta R.T. -0.01 min
 Lab File: BN003042.D
 Acq: 10 Oct 2018 00:12

Tgt Ion:252 Resp: 82176
 Ion Ratio Lower Upper
 252 100
 253 23.2 0.0 53.2
 125 12.9 0.0 34.2





#22

Benzo(k)fluoranthene

Concen: 3.159 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.06 min

Lab File: BN003042.D

Acq: 10 Oct 2018 00:12

Instrument :

BNA_N

ClientSampleId :

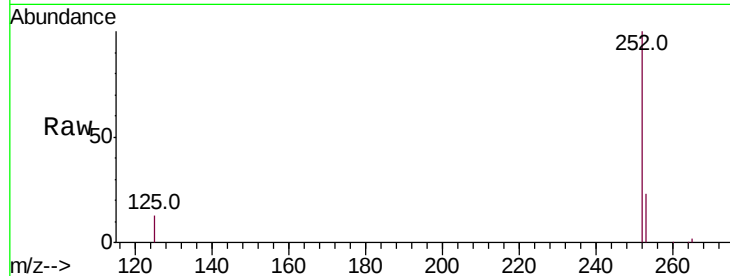
Tot Ion:252 Resp: 82176

Ion Ratio Lower Upper

252 100

253 23.2 21.3 31.9

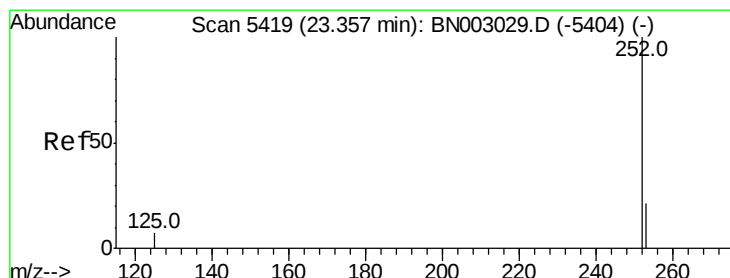
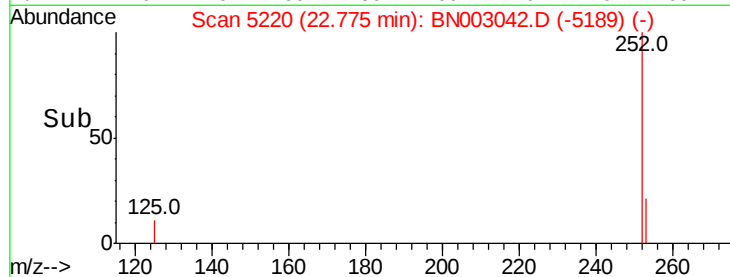
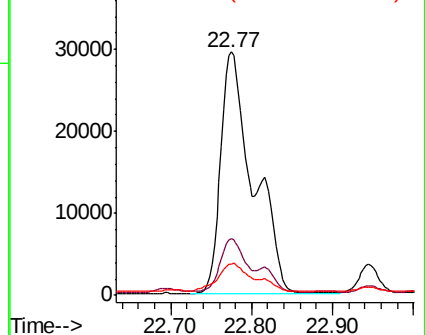
125 12.9 14.1 21.1#



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: 1.365 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003042.D

Acq: 10 Oct 2018 00:12

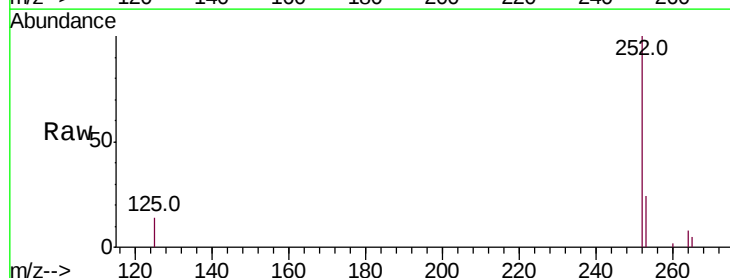
Tgt Ion:252 Resp: 30691

Ion Ratio Lower Upper

252 100

253 23.7 23.1 34.7

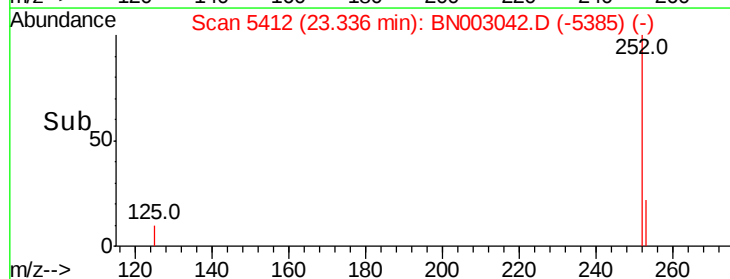
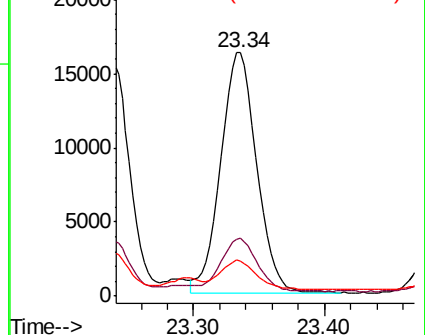
125 14.4 16.9 25.3#

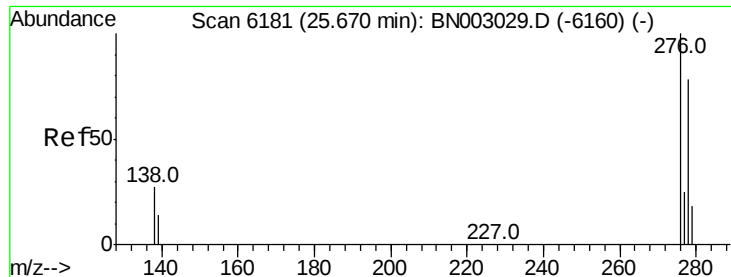


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



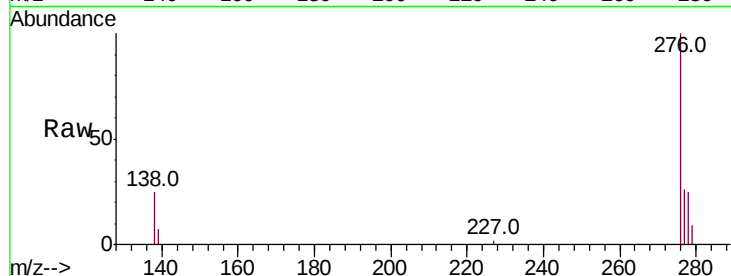


#24

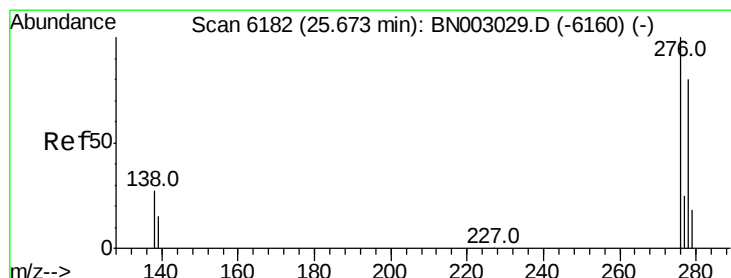
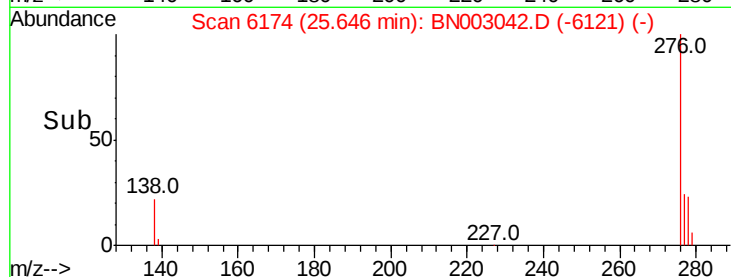
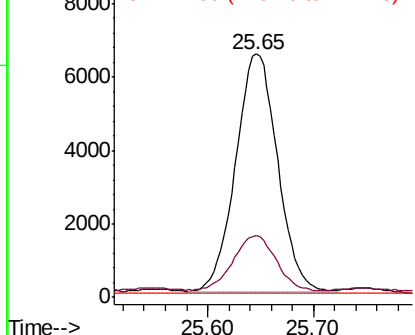
Indeno(1,2,3-cd)pyrene
Concen: 0.690 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003042.D
Acq: 10 Oct 2018 00:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 17832
Ion Ratio Lower Upper
276 100
138 23.5 21.5 32.3
227 0.3 0.3 0.5#



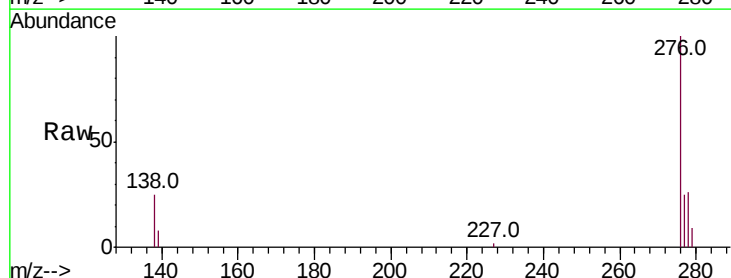
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



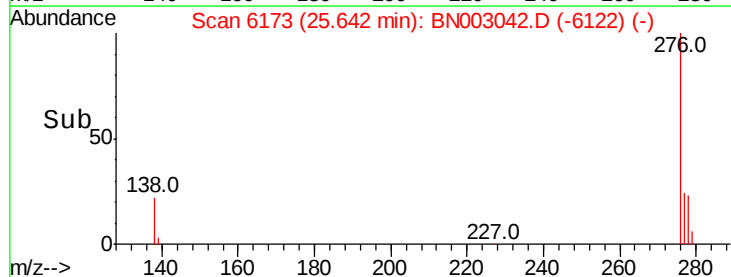
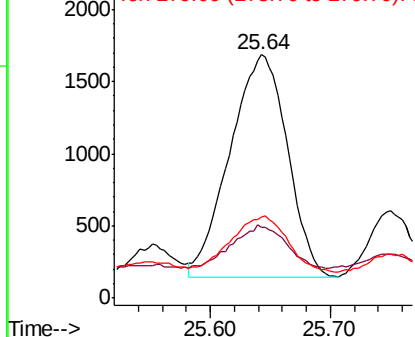
#25

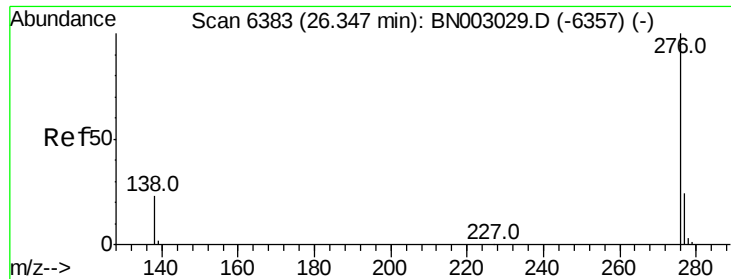
Dibenzo(a,h)anthracene
Concen: 0.248 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.03 min
Lab File: BN003042.D
Acq: 10 Oct 2018 00:12

Tgt Ion:278 Resp: 5122
Ion Ratio Lower Upper
278 100
139 29.3 20.2 30.4
279 33.3 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(a,h,i)perylene

Concen: 0.674 ng/ul

RT: 26.32 min Scan# 6375

Delta R.T. -0.03 min

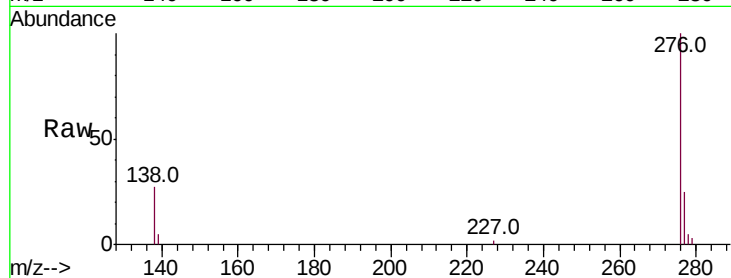
Lab File: BN003042.D

Acq: 10 Oct 2018 00:12

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 14679

Ion Ratio Lower Upper

276 100

138 26.6 23.0 34.4

277 25.3 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

