

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002499.D
 Acq On : 24 Aug 2018 12:58
 Operator : JU/SJ
 Sample : J4424-15RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 13:47:26 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

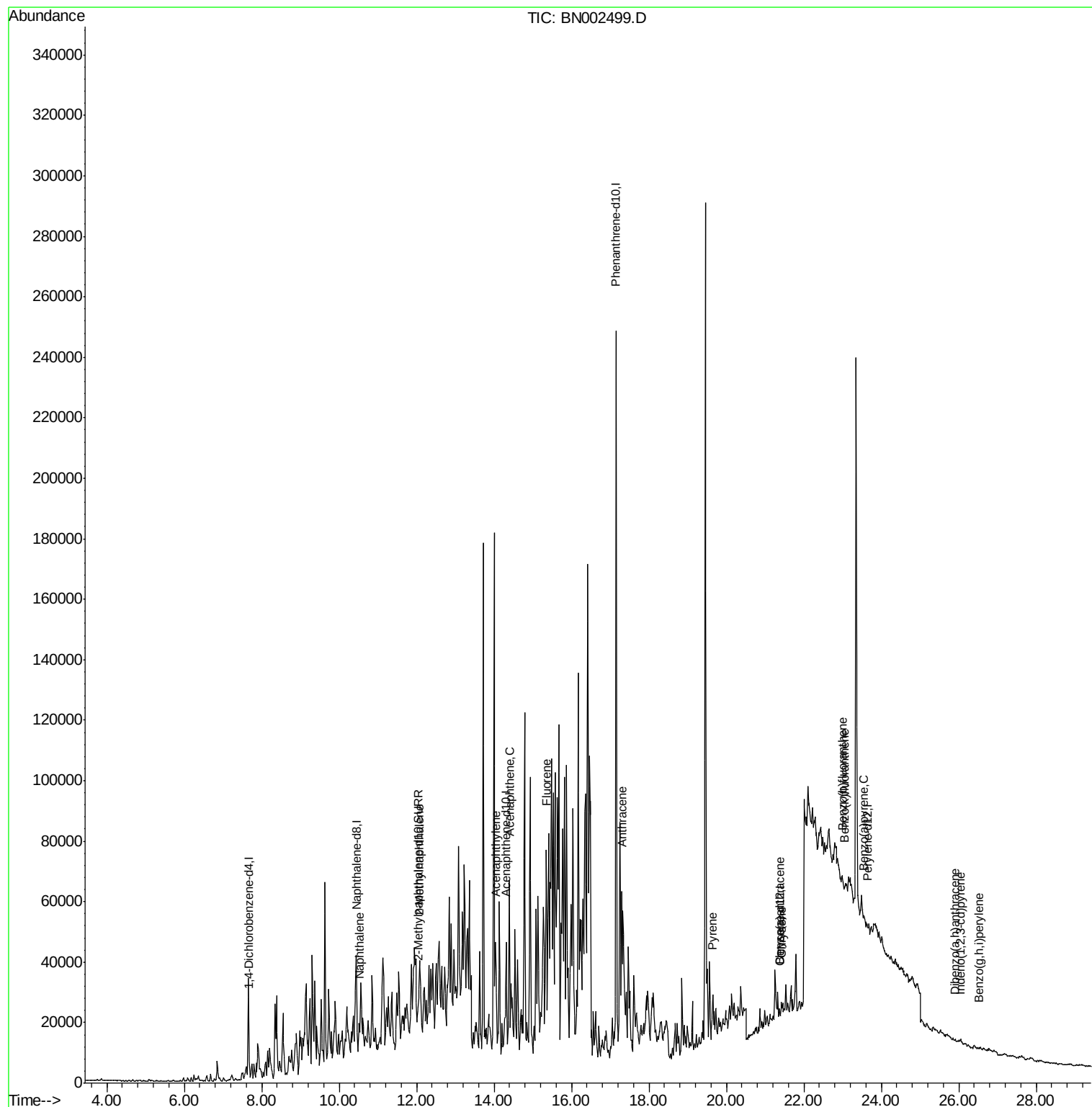
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1948	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.44	136	10040	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	7105	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	248595	0.40	ng/ul	0.09
16) Chrysene-d12	21.39	240	213	0.40	ng/ul	0.13
20) Perylene-d12	23.66	264	28	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2581	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.19	212	795	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	10.51	128	3556	0.138	ng/ul#	1
5) 2-Methylnaphthalene	12.08	142	1345	0.075	ng/ul#	1
7) Acenaphthylene	14.04	152	22582	0.679	ng/ul#	1
8) Acenaphthene	14.39	153	18525	0.730	ng/ul#	31
9) Fluorene	15.36	166	23150	0.796	ng/ul#	55
13) Anthracene	17.30	178	15664	0.025	ng/ul#	1
17) Pyrene	19.64	202	10464	14.404	ng/ul#	23
18) Benzo(a)anthracene	21.37	228	486	0.763	ng/ul#	1
19) Chrysene	21.42	228	569	0.790	ng/ul#	1
21) Benzo(b)fluoranthene	23.00	252	239	2.376	ng/ul#	1
22) Benzo(k)fluoranthene	23.04	252	70	0.674	ng/ul#	1
23) Benzo(a)pyrene	23.54	252	1110	11.740	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.06	276	63	0.639	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.89	278	11	0.142	ng/ul#	1
26) Benzo(g,h,i)perylene	26.52	276	46	0.545	ng/ul#	1

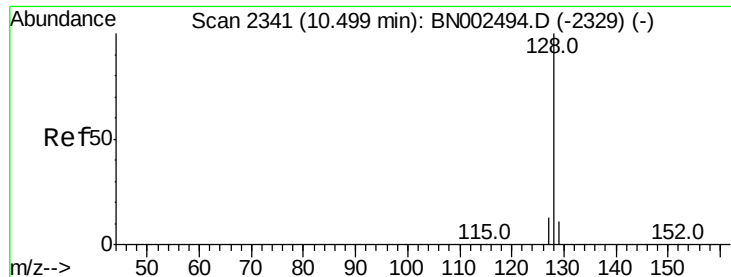
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
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#3

Naphthalene

Concen: 0.138 ng/ul

RT: 10.51 min Scan# 2343

Delta R.T. 0.01 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Instrument :

BNA_N

ClientSampleId :

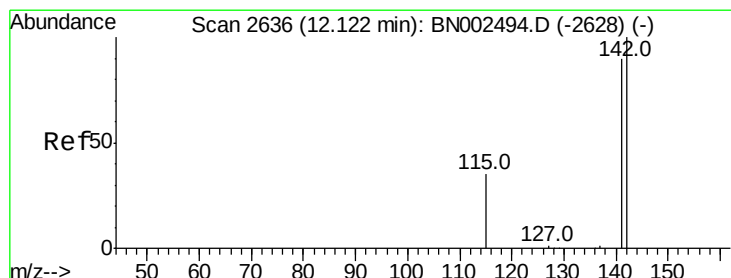
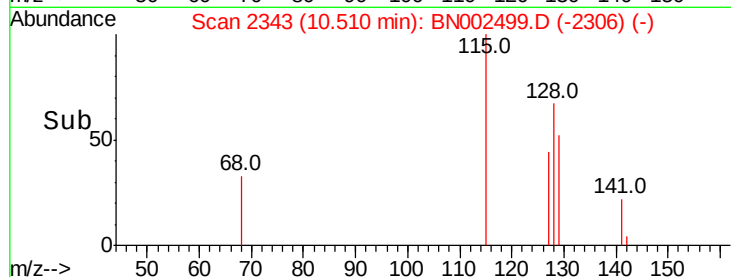
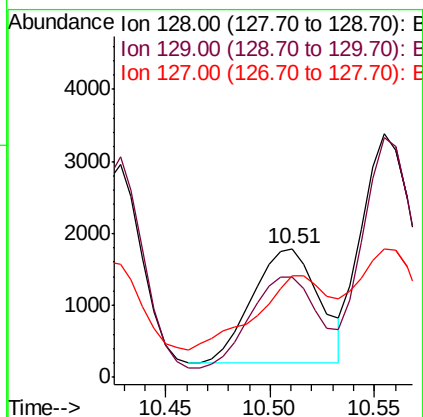
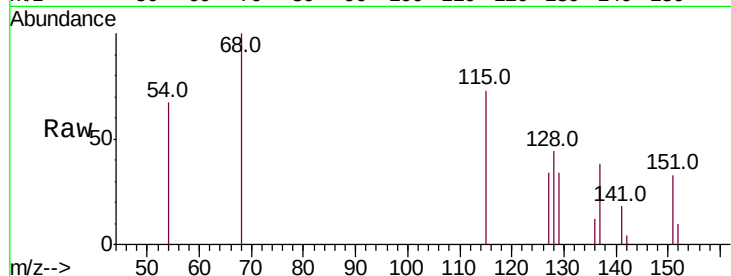
Tot Ion:128 Resp: 3556

Ion Ratio Lower Upper

128 100

129 77.7 8.0 12.0#

127 79.0 12.0 18.0#



#5

2-Methylnaphthalene

Concen: 0.075 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.05 min

Lab File: BN002499.D

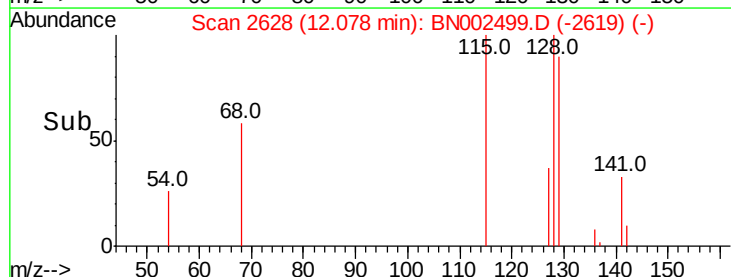
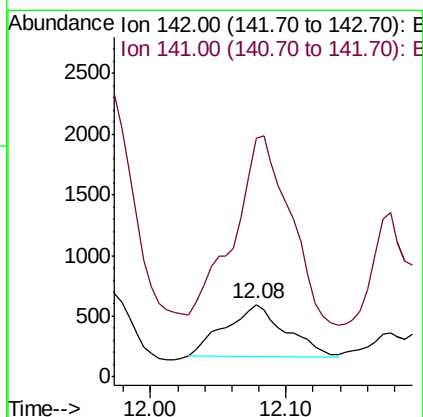
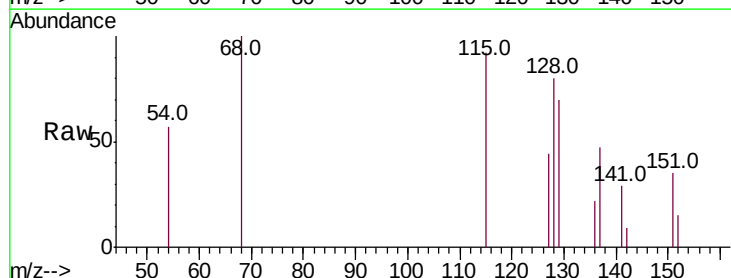
Acq: 24 Aug 2018 12:58

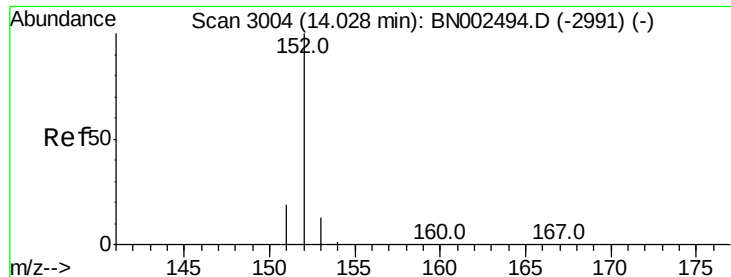
Tgt Ion:142 Resp: 1345

Ion Ratio Lower Upper

142 100

141 335.2 72.6 108.8#





#7

Acenaphthylene

Concen: 0.679 ng/ul

RT: 14.04 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Instrument :

BNA_N

ClientSampleId :

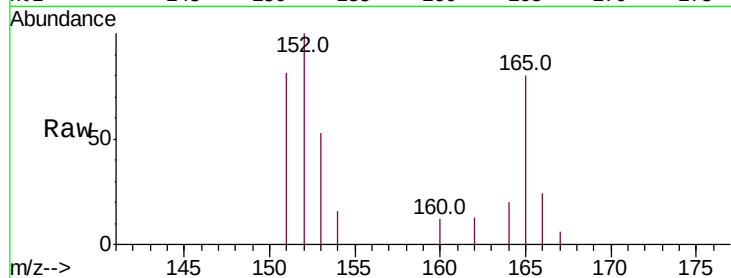
Tot Ion:152 Resp: 22582

Ion Ratio Lower Upper

152 100

151 81.0 17.1 25.7#

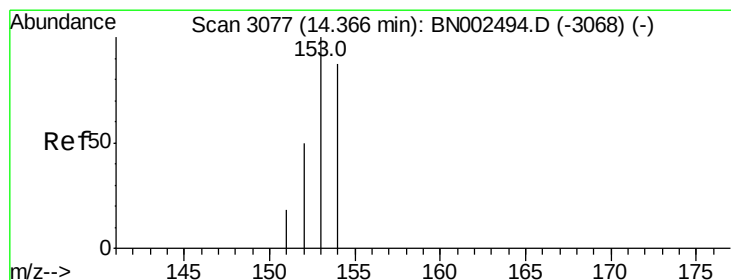
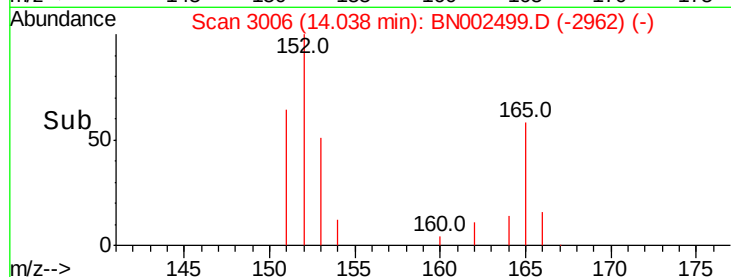
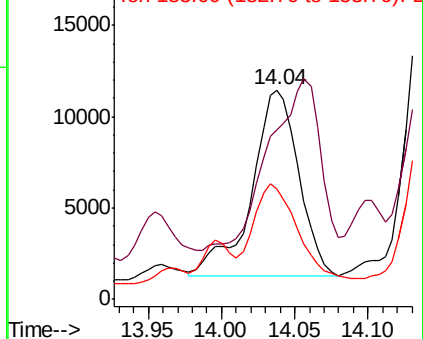
153 52.7 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.730 ng/ul

RT: 14.39 min Scan# 3083

Delta R.T. 0.02 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

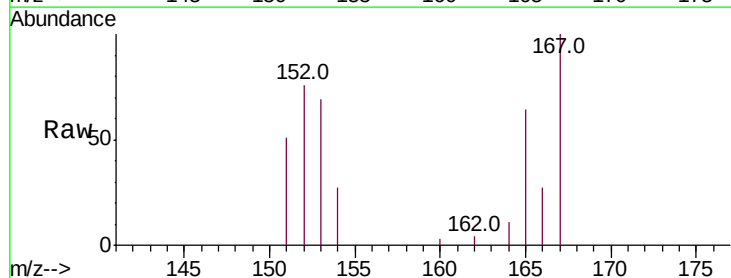
Tgt Ion:153 Resp: 18525

Ion Ratio Lower Upper

153 100

152 109.7 36.0 54.0#

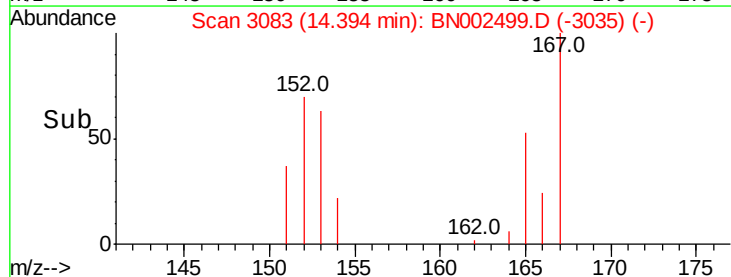
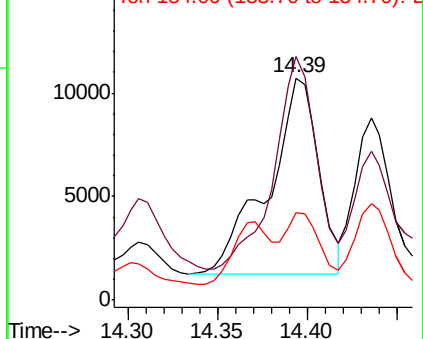
154 39.2 72.0 108.0#

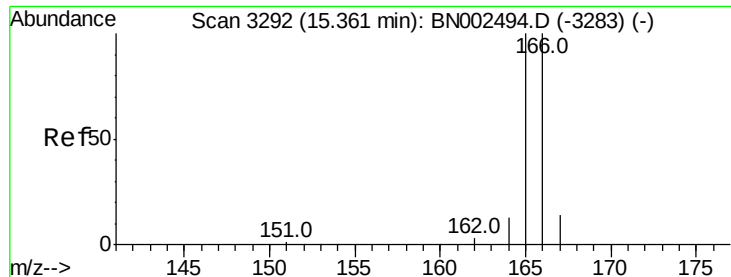


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.796 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Instrument :

BNA_N

ClientSampleId :

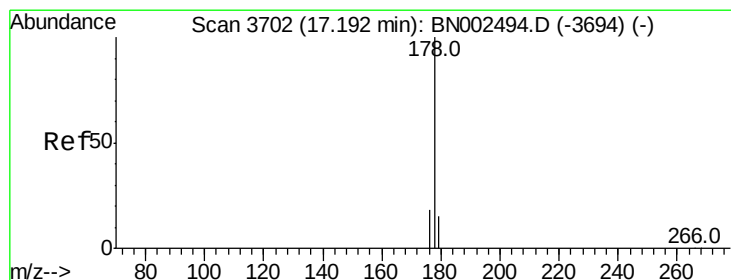
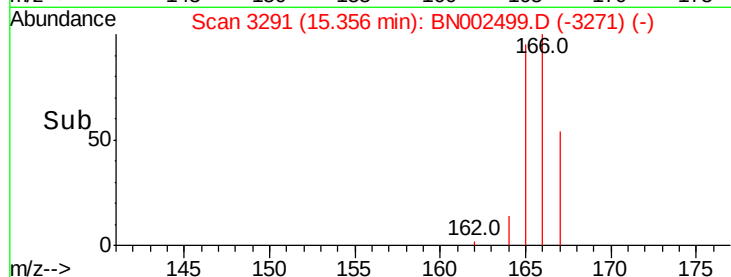
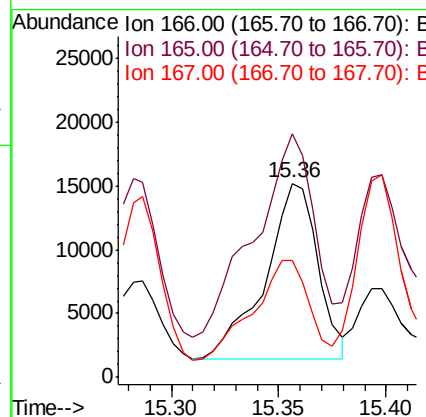
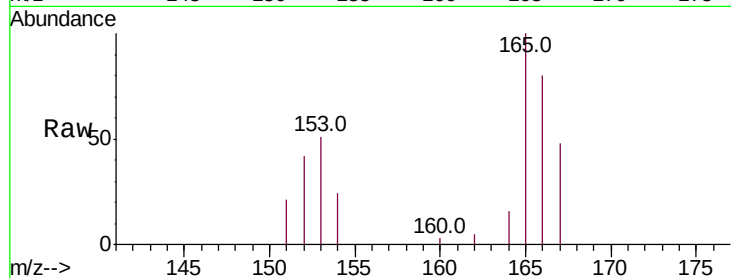
Tot Ion:166 Resp: 23150

Ion Ratio Lower Upper

166 100

165 125.3 73.4 110.2#

167 60.0 14.6 22.0#



#13

Anthracene

Concen: 0.025 ng/ul

RT: 17.30 min Scan# 3727

Delta R.T. 0.10 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

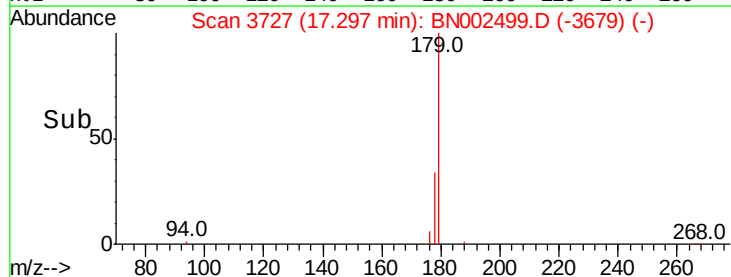
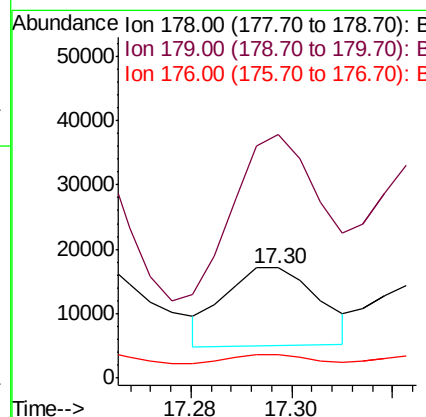
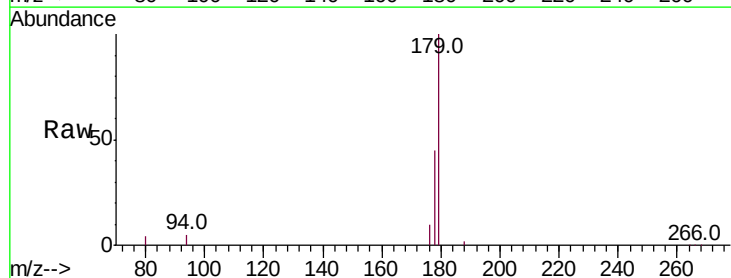
Tgt Ion:178 Resp: 15664

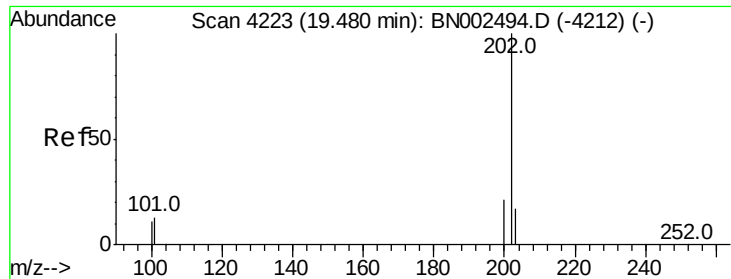
Ion Ratio Lower Upper

178 100

179 221.1 18.1 27.1#

176 21.5 14.7 22.1





#17

Pvrene

Concen: 14.404 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.15 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Instrument :

BNA_N

ClientSampled :

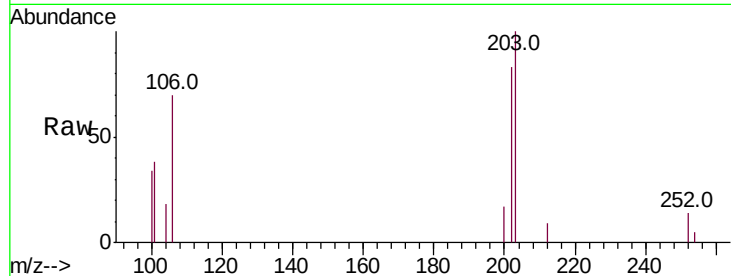
Tot Ion:202 Resp: 10464

Ion Ratio Lower Upper

202 100

101 45.6 12.0 18.0#

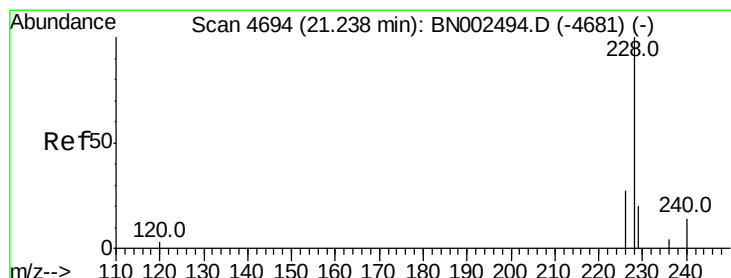
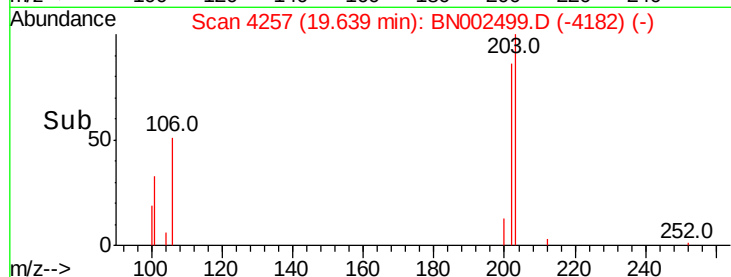
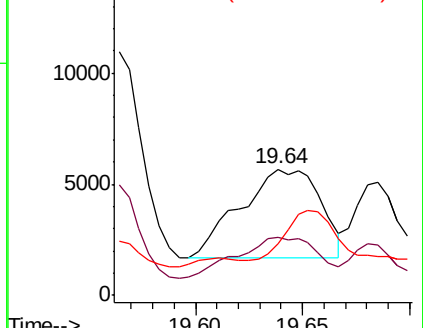
100 40.5 8.0 12.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.763 ng/ul

RT: 21.37 min Scan# 4741

Delta R.T. 0.13 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

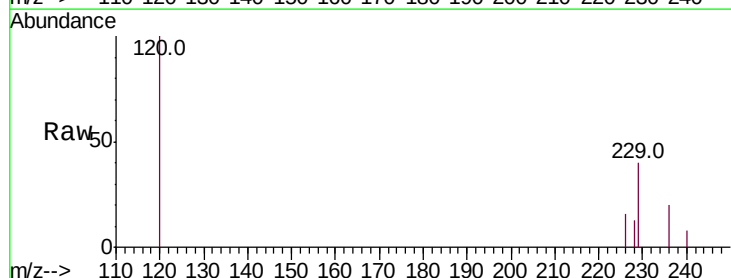
Tgt Ion:228 Resp: 486

Ion Ratio Lower Upper

228 100

229 298.4 22.8 34.2#

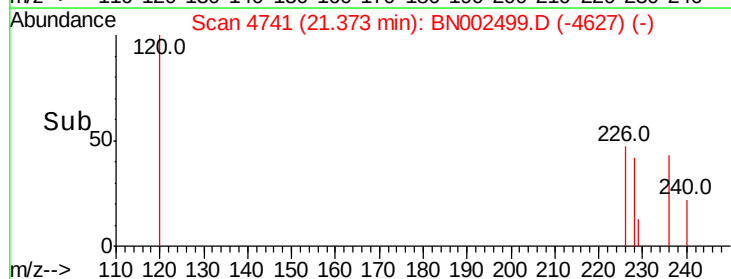
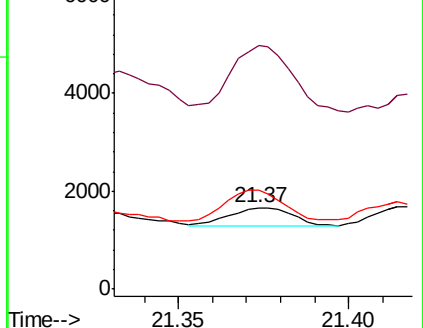
226 120.8 17.0 25.6#

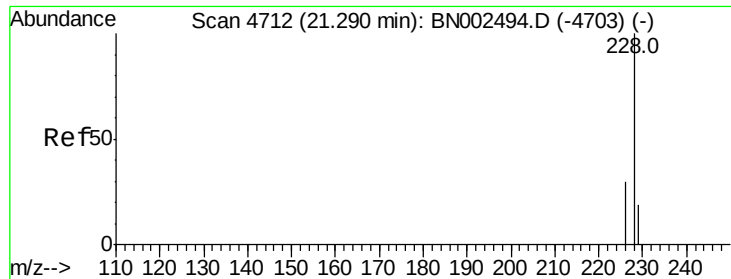


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.790 ng/ul

RT: 21.42 min Scan# 4756

Delta R.T. 0.12 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Instrument :

BNA_N

ClientSampleId :

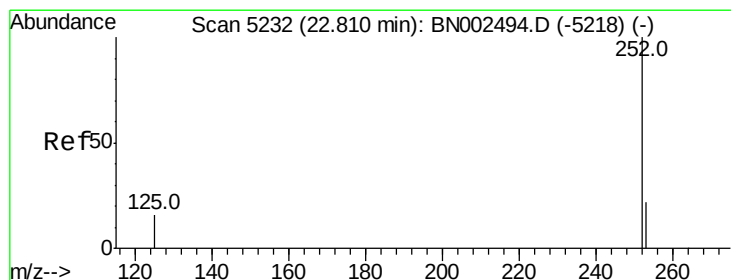
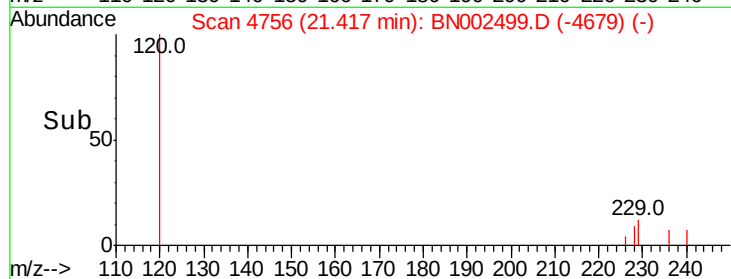
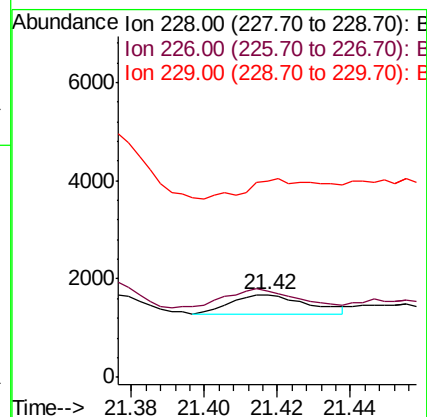
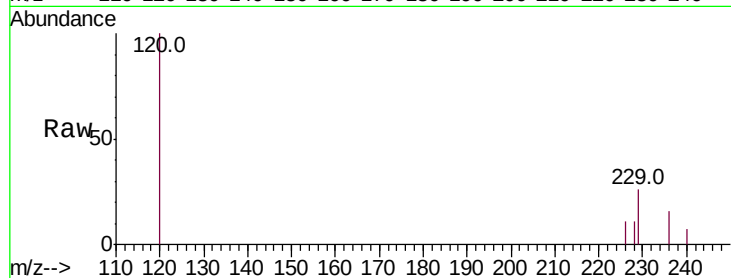
Tot Ion:228 Resp: 569

Ion Ratio Lower Upper

228 100

226 103.6 23.4 35.0#

229 236.3 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 2.376 ng/ul

RT: 23.00 min Scan# 5297

Delta R.T. 0.19 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

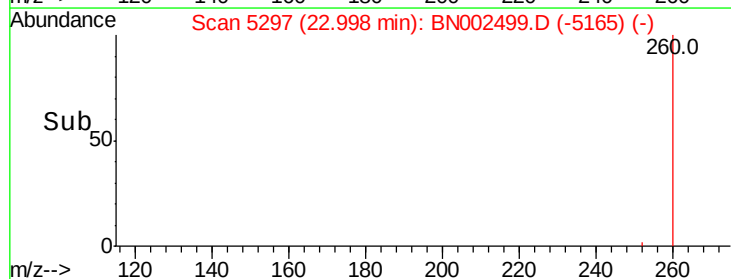
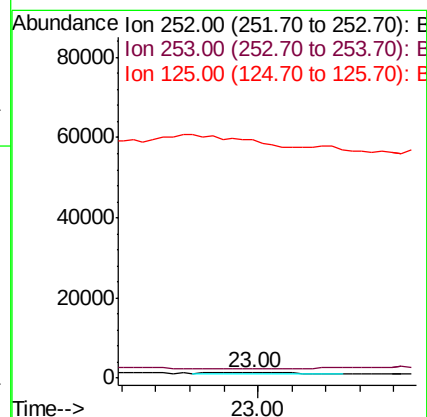
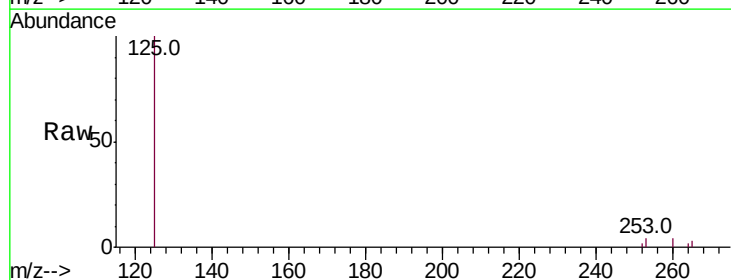
Tgt Ion:252 Resp: 239

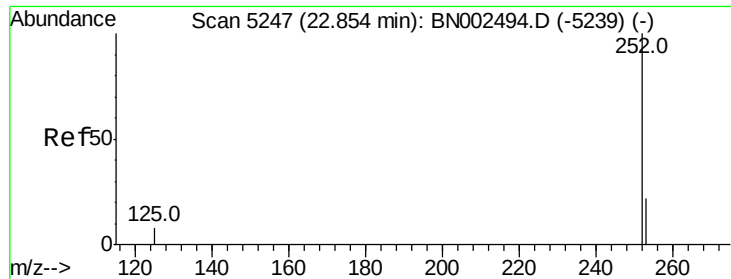
Ion Ratio Lower Upper

252 100

253 182.2 0.0 64.2#

125 4481.6 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.674 ng/ul

RT: 23.04 min Scan# 5310

Delta R.T. 0.18 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

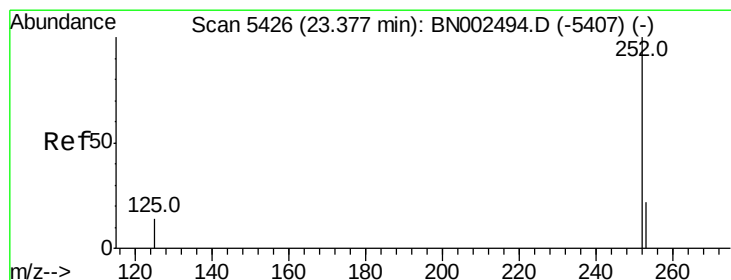
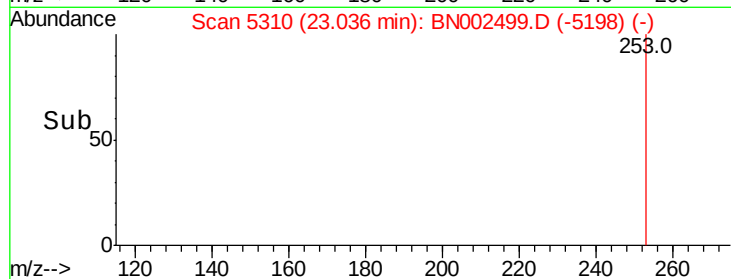
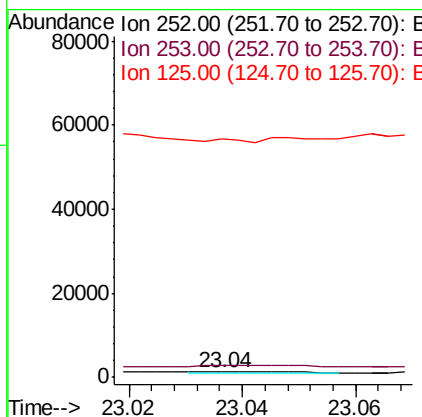
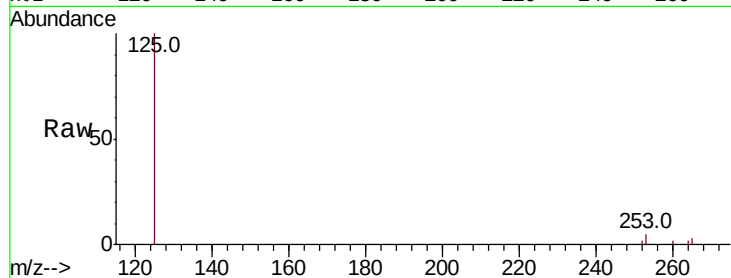
Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 70

Ion	Ratio	Lower	Upper
252	100		
253	227.2	24.5	36.7#
125	4635.8	13.7	20.5#



#23

Benzo(a)pyrene

Concen: 11.740 ng/ul

RT: 23.54 min Scan# 5481

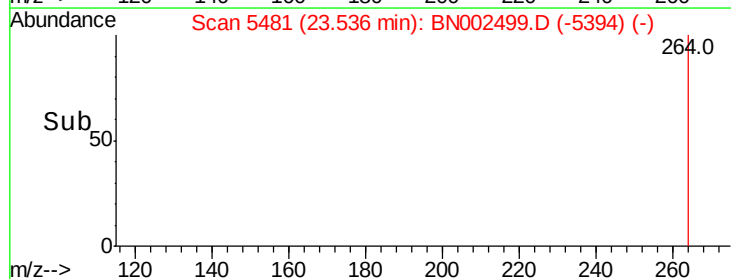
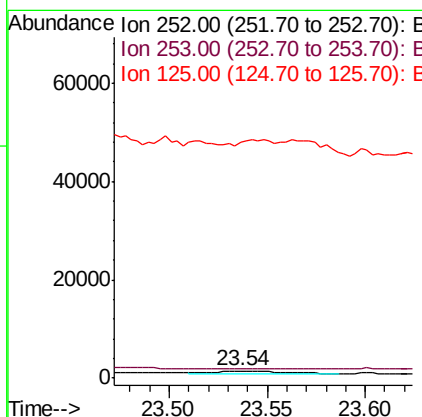
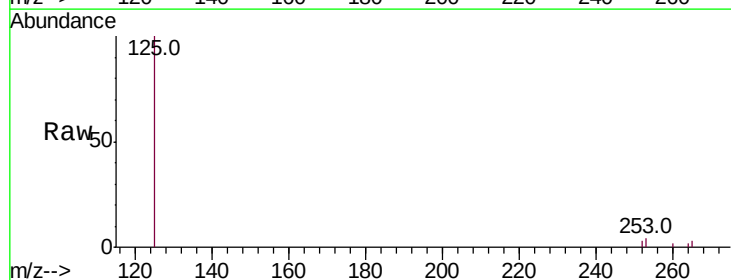
Delta R.T. 0.15 min

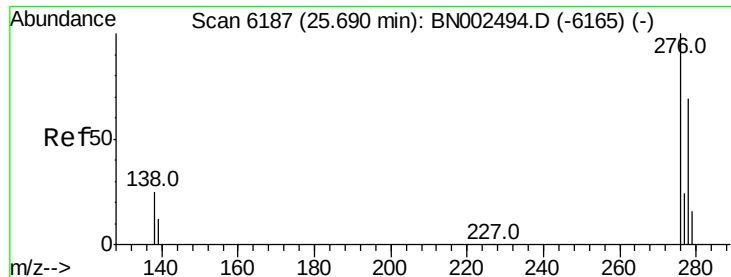
Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Tgt Ion:252 Resp: 1110

Ion	Ratio	Lower	Upper
252	100		
253	139.7	16.0	24.0#
125	3333.4	12.0	18.0#



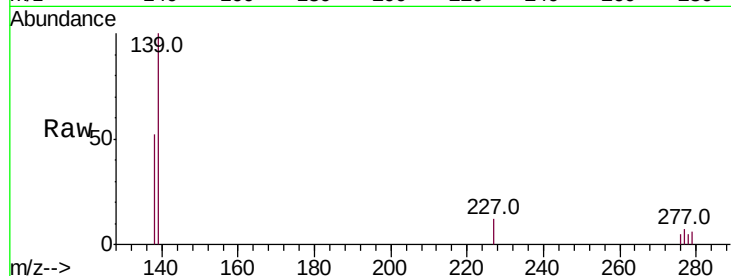


#24

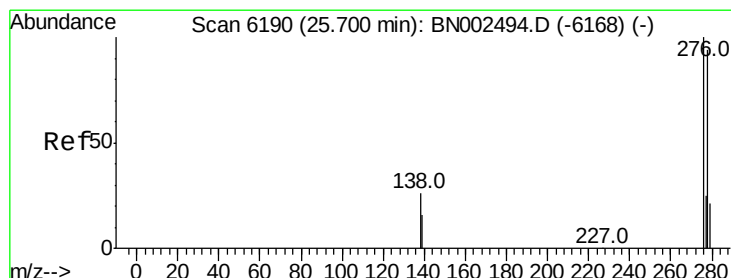
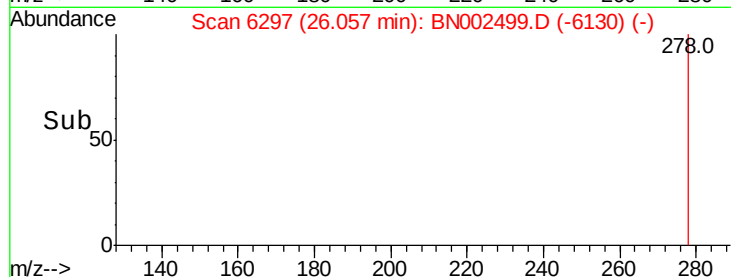
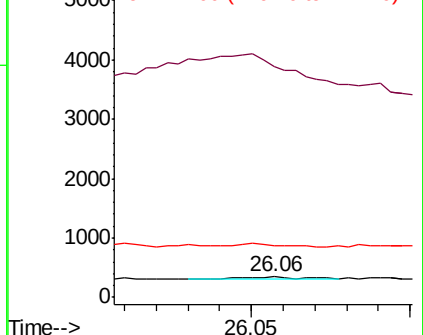
Indeno(1,2,3-cd)pyrene
Concen: 0.639 ng/ul
RT: 26.06 min Scan# 6297
Delta R.T. 0.36 min
Lab File: BN002499.D
Acq: 24 Aug 2018 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 63
Ion Ratio Lower Upper
276 100
138 2147.6 28.0 42.0#
227 50.8 0.8 1.2#



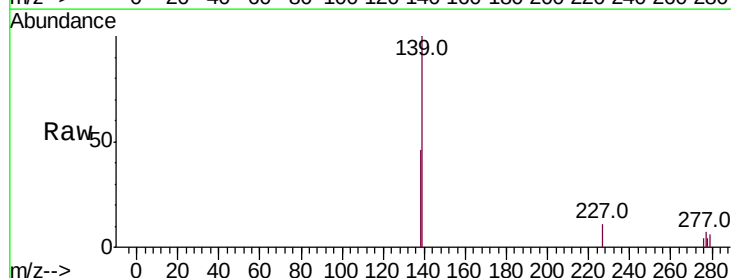
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



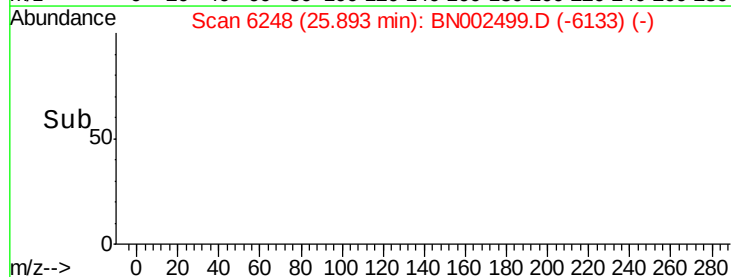
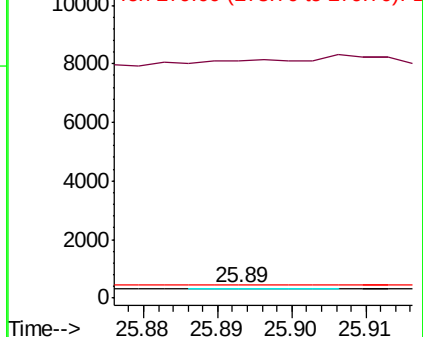
#25

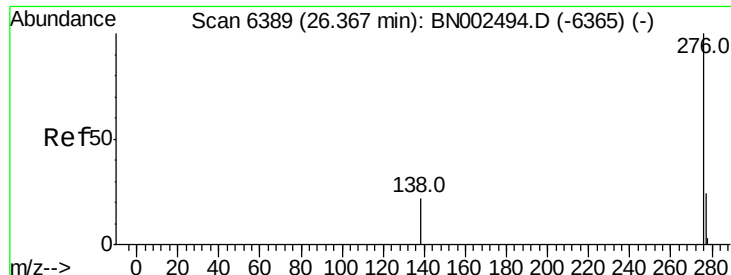
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.89 min Scan# 6248
Delta R.T. 0.19 min
Lab File: BN002499.D
Acq: 24 Aug 2018 12:58

Tgt Ion:278 Resp: 11
Ion Ratio Lower Upper
278 100
139 2397.6 17.4 26.0#
279 134.3 25.9 38.9#



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: 0.545 ng/ul

RT: 26.52 min Scan# 6434

Delta R.T. 0.14 min

Lab File: BN002499.D

Acq: 24 Aug 2018 12:58

Instrument :

BNA_N

ClientSampleId :

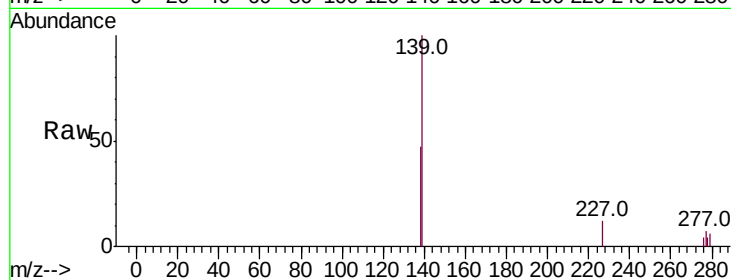
Tot Ion: 276 Resp: 46

Ion Ratio Lower Upper

276 100

138 1054.3 21.8 32.8#

277 161.2 20.5 30.7#



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

