

Data File : BN003981.D
Acq On : 16 Dec 2018 05:19
Operator : JU/SJ
Sample : J6171-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y15

Quant Time: Dec 17 00:16:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

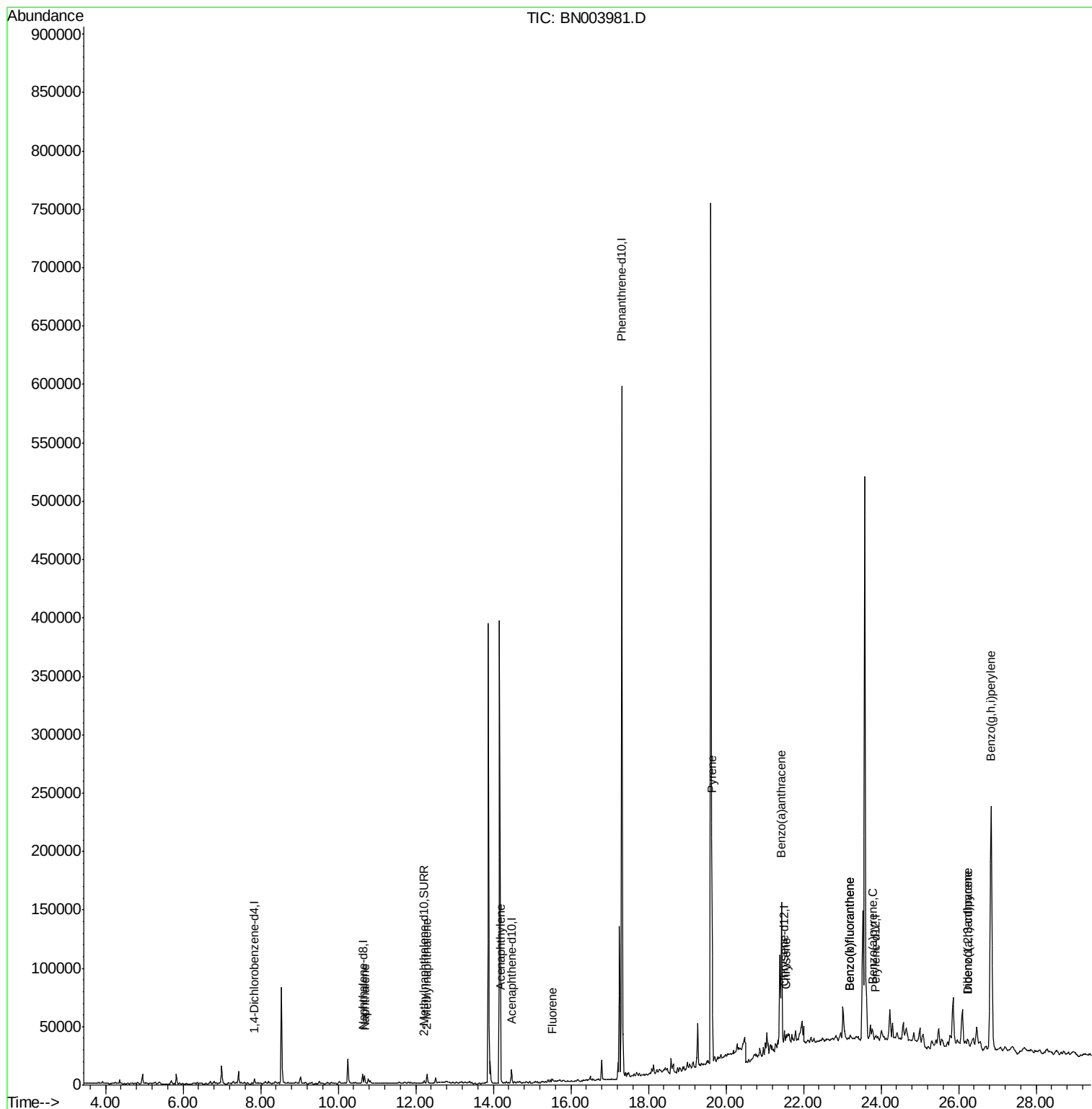
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2333	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	11027	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6915	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	648258	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	491	0.40	ng/ul	0.11
20) Perylene-d12	23.84	264	1249	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3136	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	432	0.00	ng/ul	0.08
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	9172	0.296	ng/ul#	94
5) 2-Methylnaphthalene	12.29	142	5854	0.271	ng/ul	99
7) Acenaphthylene	14.19	152	1687	0.054	ng/ul#	67
9) Fluorene	15.52	166	2573	0.081	ng/ul#	90
17) Pyrene	19.64	202	158462	89.983	ng/ul	98
18) Benzo(a)anthracene	21.43	228	128926	83.135	ng/ul#	81
19) Chrysene	21.55	228	2100	1.183	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	4619	0.894	ng/ul#	1
22) Benzo(k)fluoranthene	23.20	252	4619	0.918	ng/ul#	1
23) Benzo(a)pyrene	23.78	252	6552	1.464	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.23	276	2863	0.558	ng/ul#	1
25) Dibenzo(a,h)anthracene	26.22	278	5012	1.214	ng/ul#	1
26) Benzo(g,h,i)perylene	26.84	276	458843	102.898	ng/ul	96

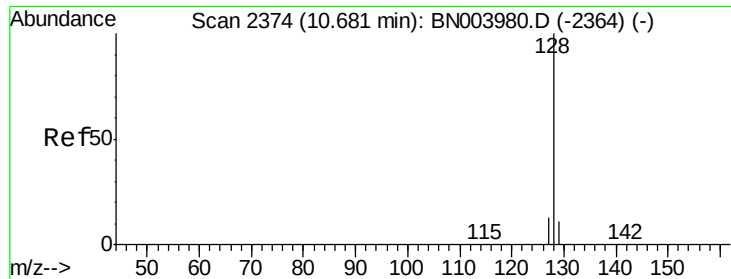
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003981.D
Acq On : 16 Dec 2018 05:19
Operator : JU/SJ
Sample : J6171-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y15

Quant Time: Dec 17 00:16:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.296 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

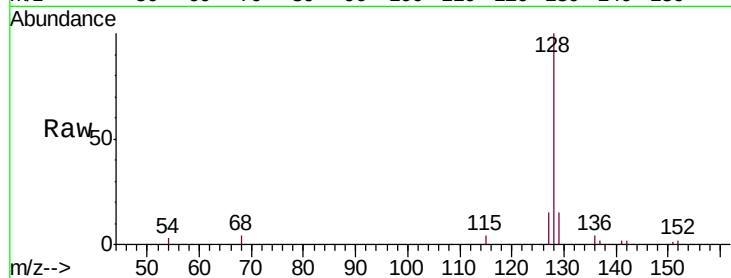
Tgt Ion:128 Resp: 9172

Ion Ratio Lower Upper

128 100

129 14.9 9.0 13.6#

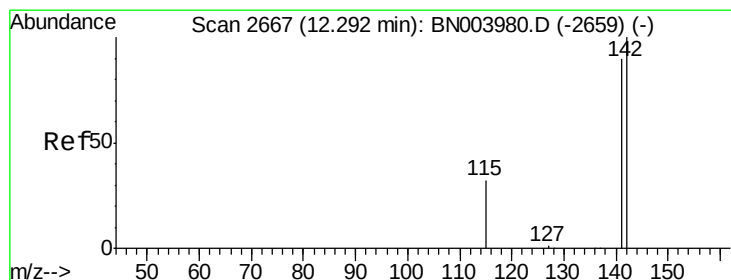
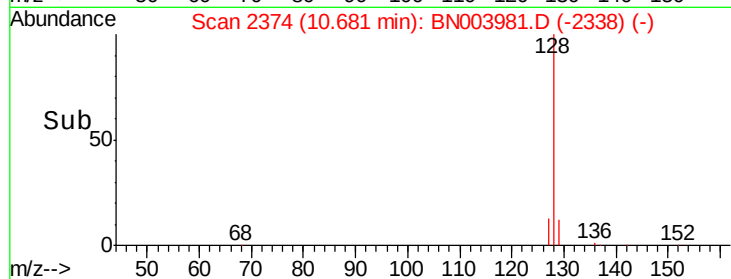
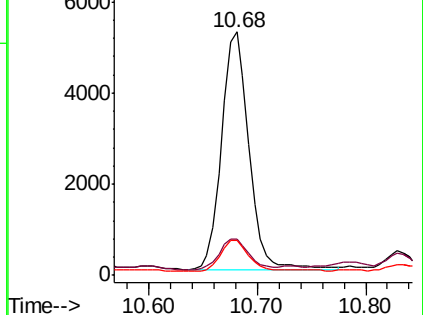
127 14.6 10.5 15.7



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: 0.271 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003981.D

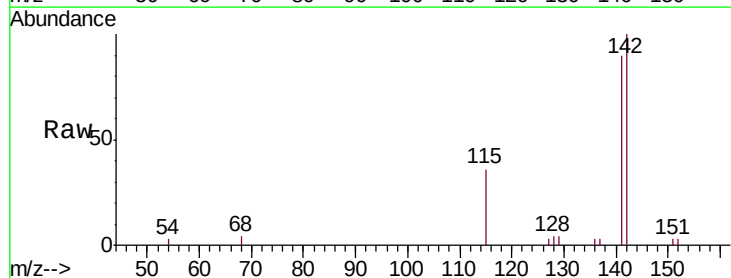
Acq: 16 Dec 2018 05:19

Tgt Ion:142 Resp: 5854

Ion Ratio Lower Upper

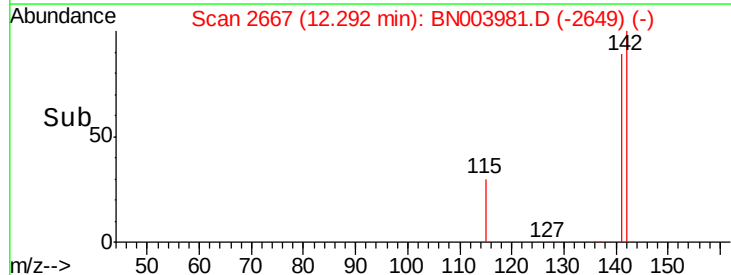
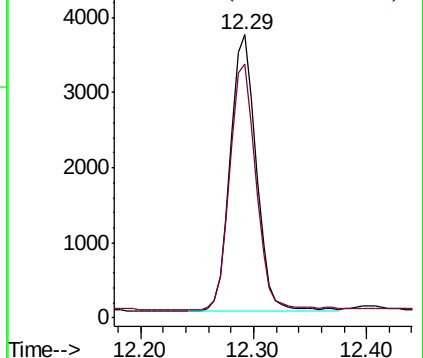
142 100

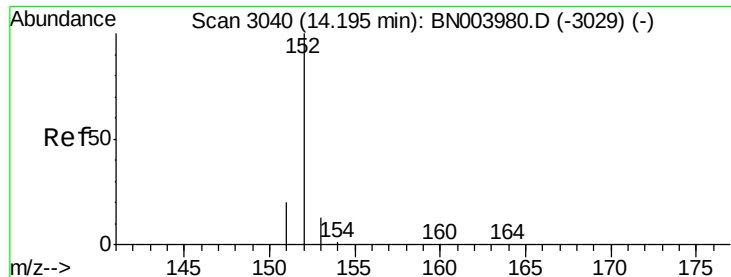
141 90.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

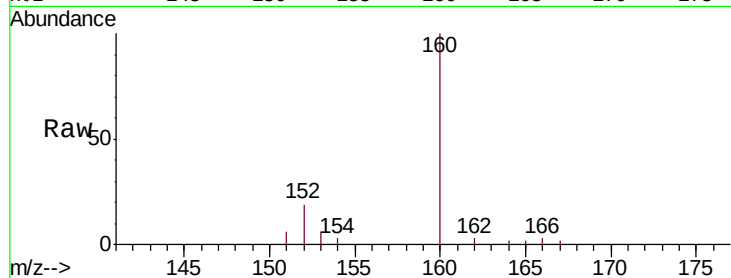
Tgt Ion:152 Resp: 1687

Ion Ratio Lower Upper

152 100

151 32.8 15.9 23.9#

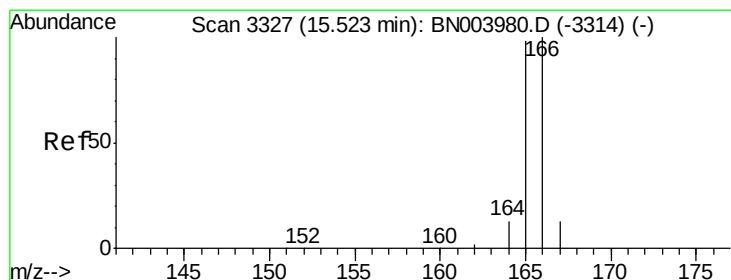
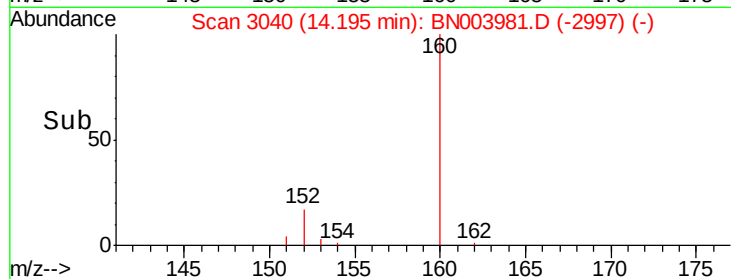
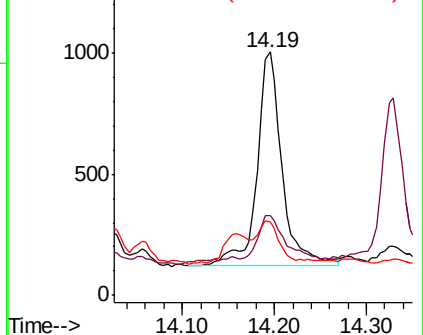
153 30.0 10.7 16.1#



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



#9

Fluorene

Concen: 0.081 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

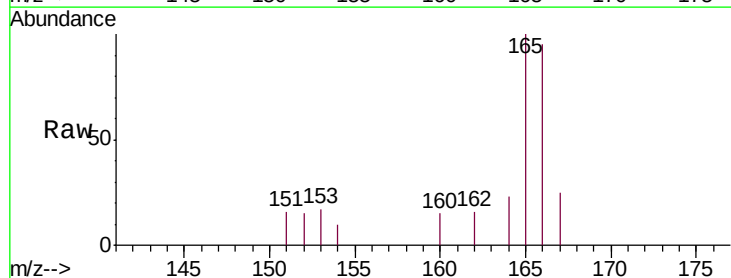
Tgt Ion:166 Resp: 2573

Ion Ratio Lower Upper

166 100

165 105.0 78.3 117.5

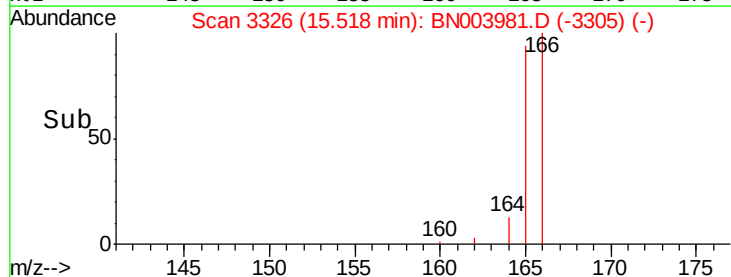
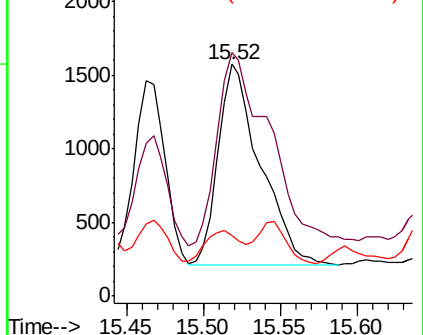
167 26.3 11.3 16.9#

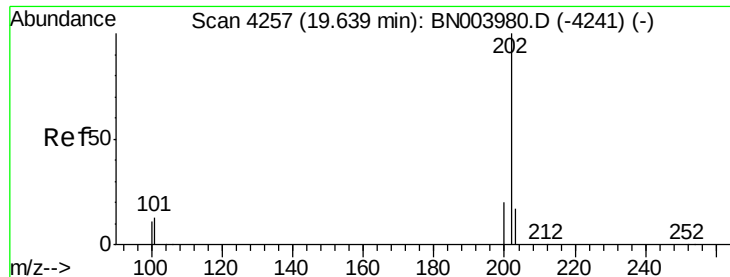


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 89.983 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

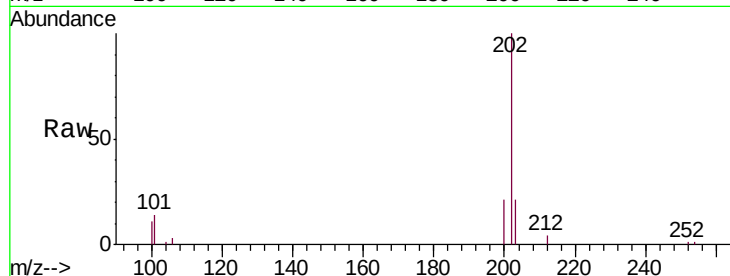
Tgt Ion:202 Resp: 158462

Ion Ratio Lower Upper

202 100

101 14.2 10.3 15.5

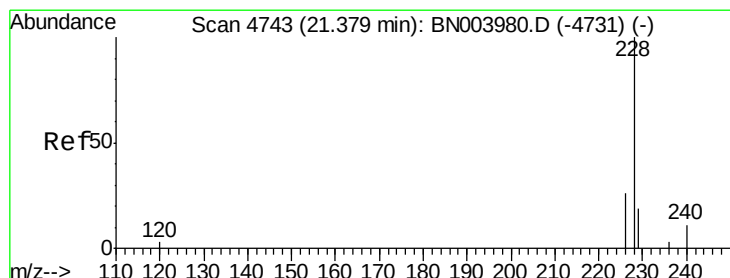
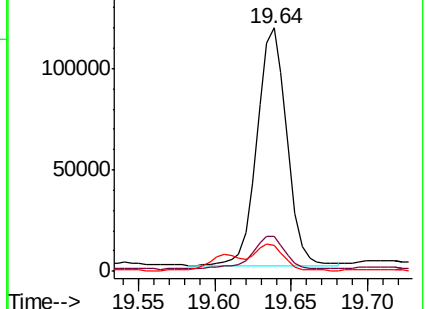
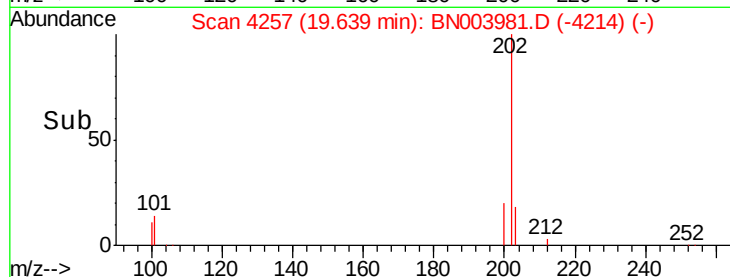
100 10.7 8.5 12.7



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: 83.135 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.06 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

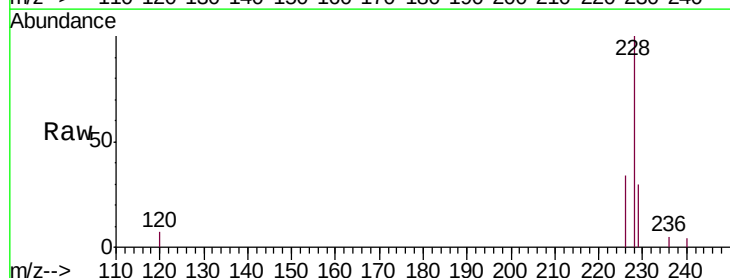
Tgt Ion:228 Resp: 128926

Ion Ratio Lower Upper

228 100

229 29.8 15.6 23.4#

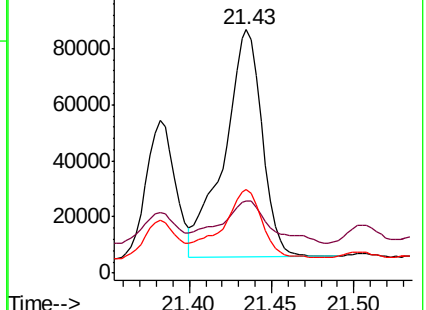
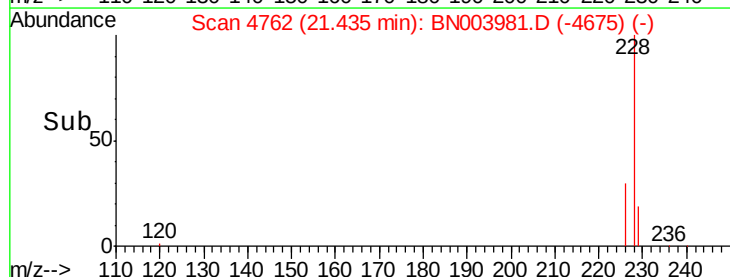
226 34.3 21.1 31.7#

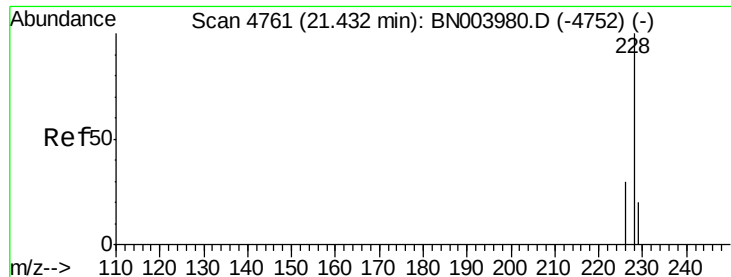


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.183 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.12 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

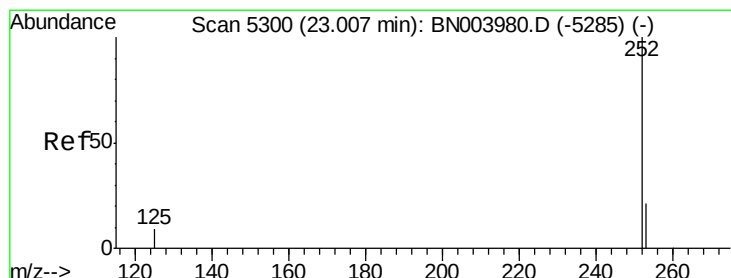
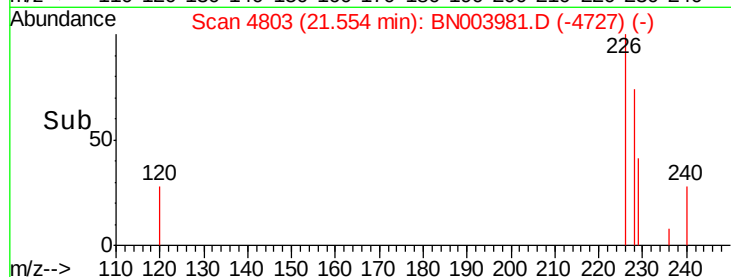
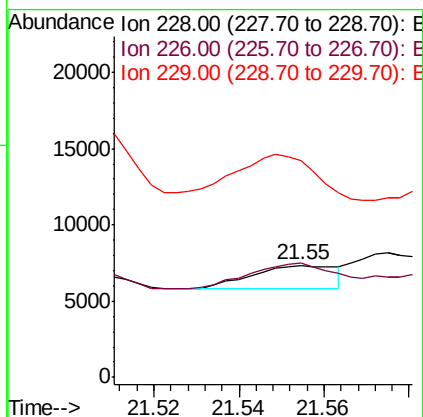
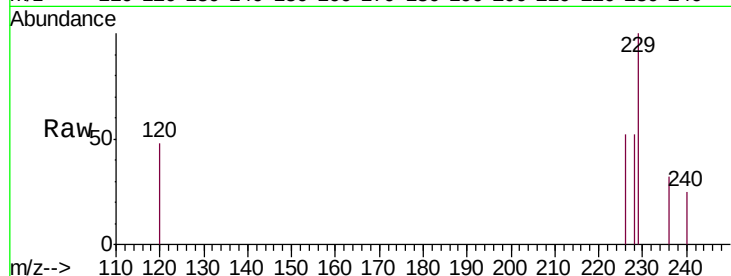
Tgt Ion:228 Resp: 2100

Ion Ratio Lower Upper

228 100

226 101.3 24.0 36.0#

229 193.2 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.894 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.19 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

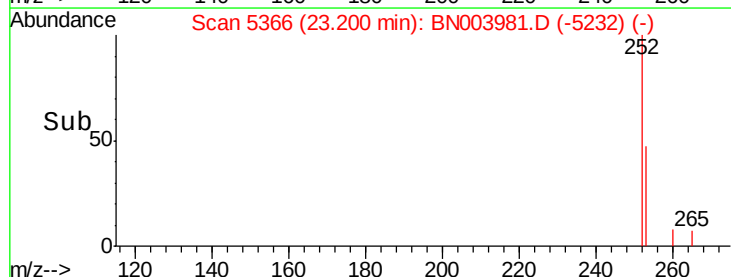
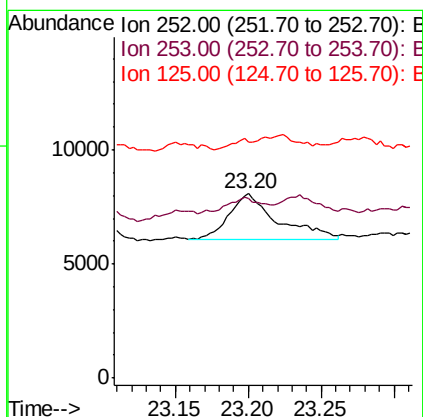
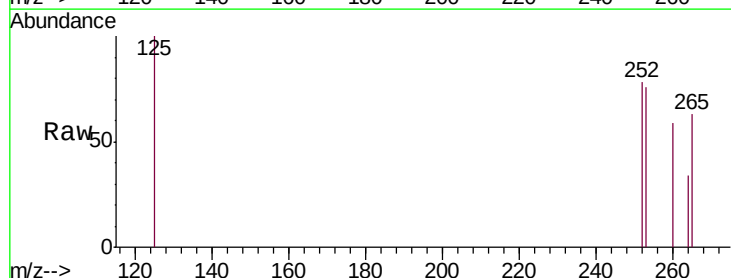
Tgt Ion:252 Resp: 4619

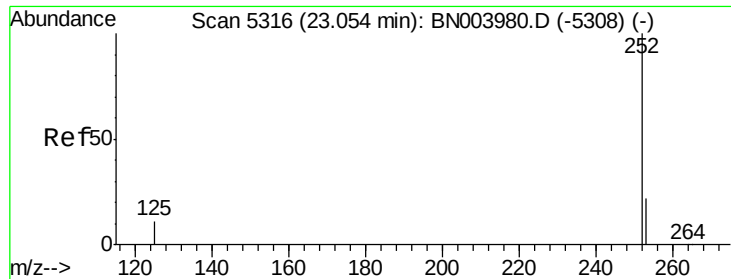
Ion Ratio Lower Upper

252 100

253 97.4 0.0 46.0#

125 128.5 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.918 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.15 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

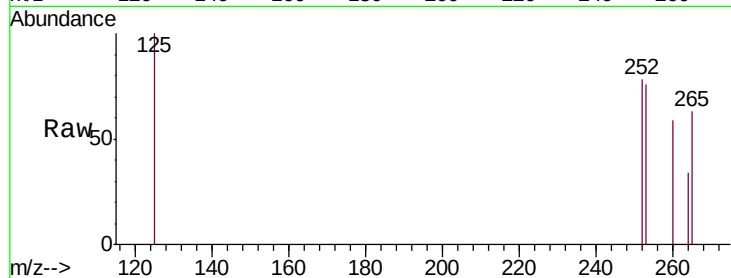
Tgt Ion:252 Resp: 4619

Ion Ratio Lower Upper

252 100

253 97.4 18.5 27.7#

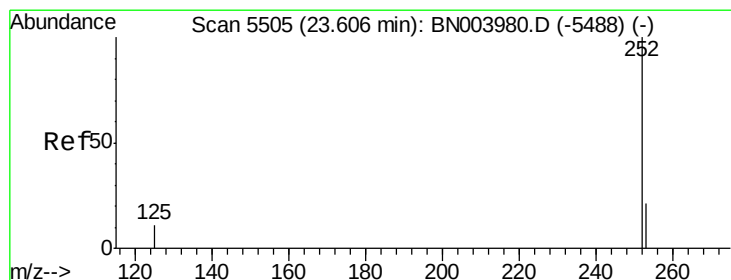
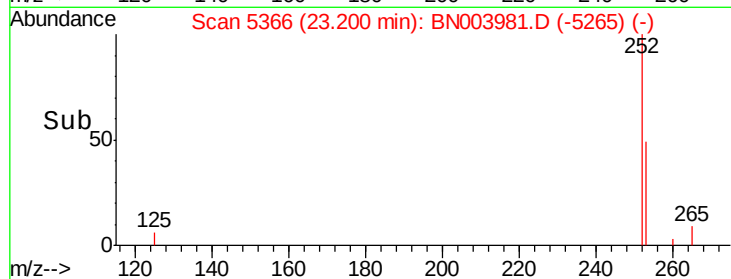
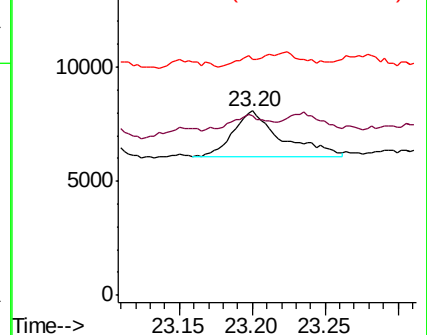
125 128.5 9.0 13.6#



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: 1.464 ng/ul

RT: 23.78 min Scan# 5564

Delta R.T. 0.17 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

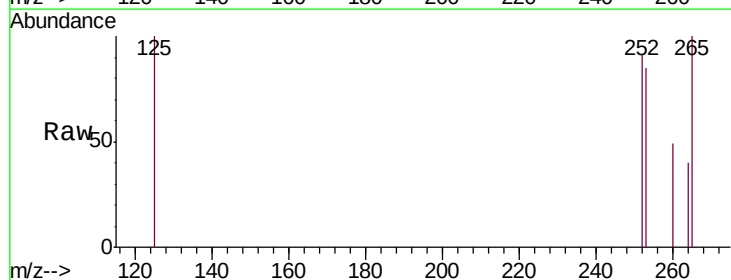
Tgt Ion:252 Resp: 6552

Ion Ratio Lower Upper

252 100

253 93.8 19.0 28.4#

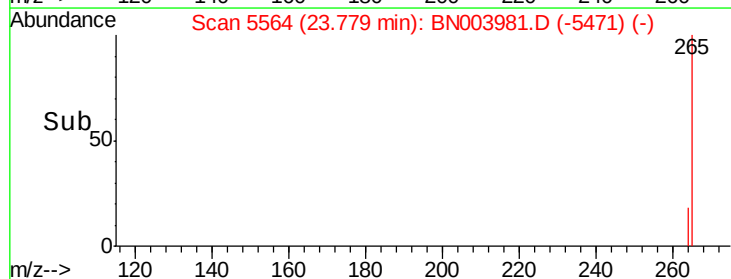
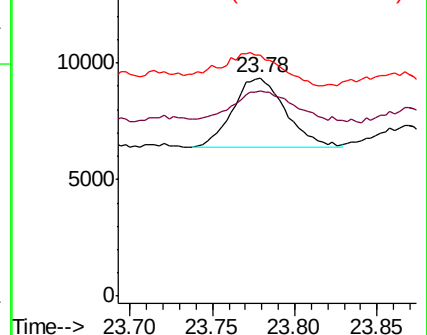
125 110.5 10.2 15.4#

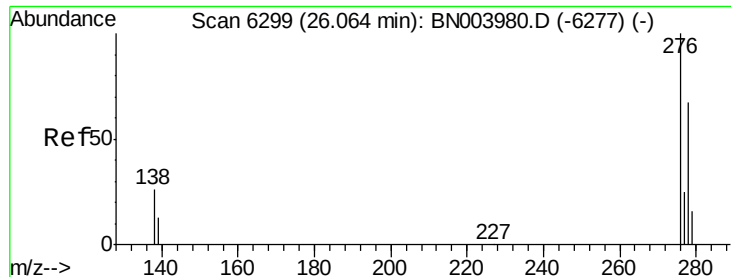


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.558 ng/ul

RT: 26.23 min Scan# 6349

Delta R.T. 0.17 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

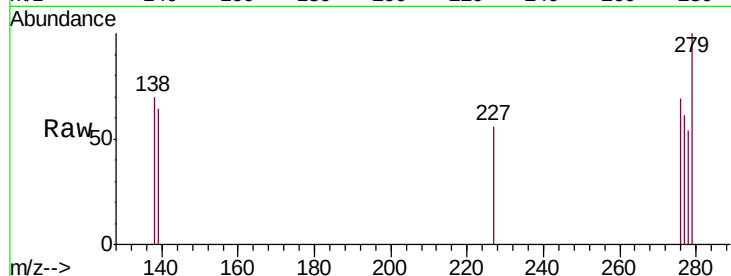
Tgt Ion:276 Resp: 2863

Ion Ratio Lower Upper

276 100

138 109.6 20.3 30.5#

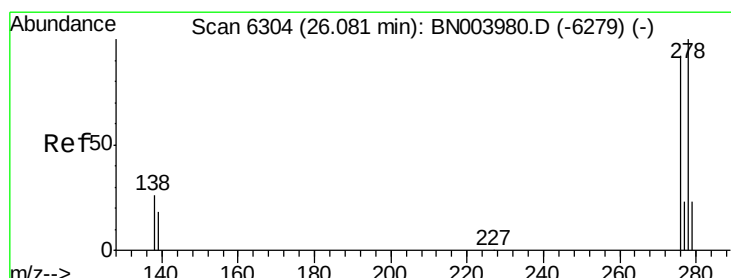
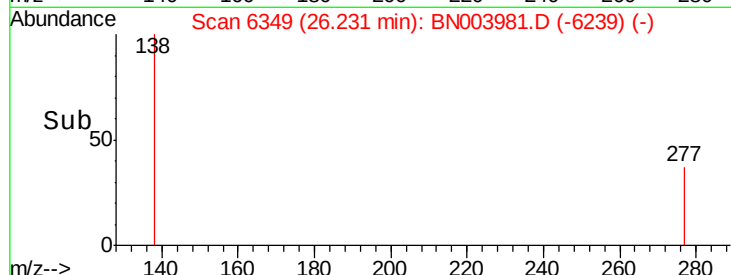
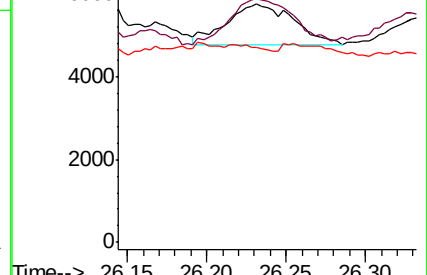
227 23.4 0.2 0.2#



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: 1.214 ng/ul

RT: 26.22 min Scan# 6345

Delta R.T. 0.14 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

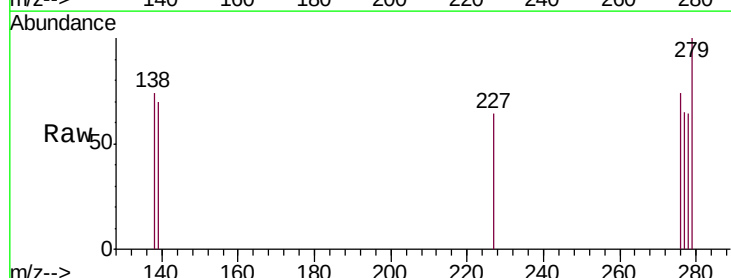
Tgt Ion:278 Resp: 5012

Ion Ratio Lower Upper

278 100

139 109.3 14.2 21.4#

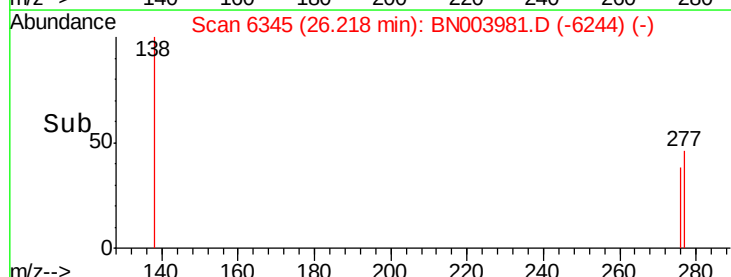
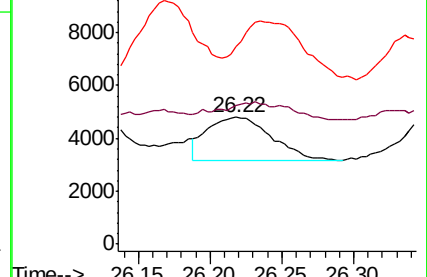
279 155.6 19.8 29.6#

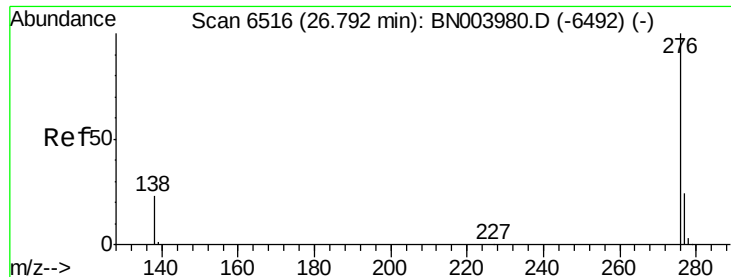


Abundance Ion 278.00 (277.70 to 278.70): E

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: 102.898 ng/ul

RT: 26.84 min Scan# 6531

Delta R.T. 0.05 min

Lab File: BN003981.D

Acq: 16 Dec 2018 05:19

Instrument :

BNA_N

ClientSampleId :

F9Y15

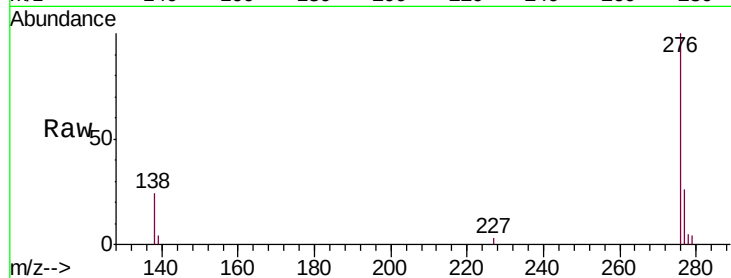
Tgt Ion: 276 Resp: 458843

Ion Ratio Lower Upper

276 100

138 24.4 17.7 26.5

277 25.8 19.3 28.9



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

