

Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Quant Time: Dec 17 06:26:22 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 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2165	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10784	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6418	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	673572	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	36	0.40	ng/ul	0.10
20) Perylene-d12	23.98	264	508	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3335	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

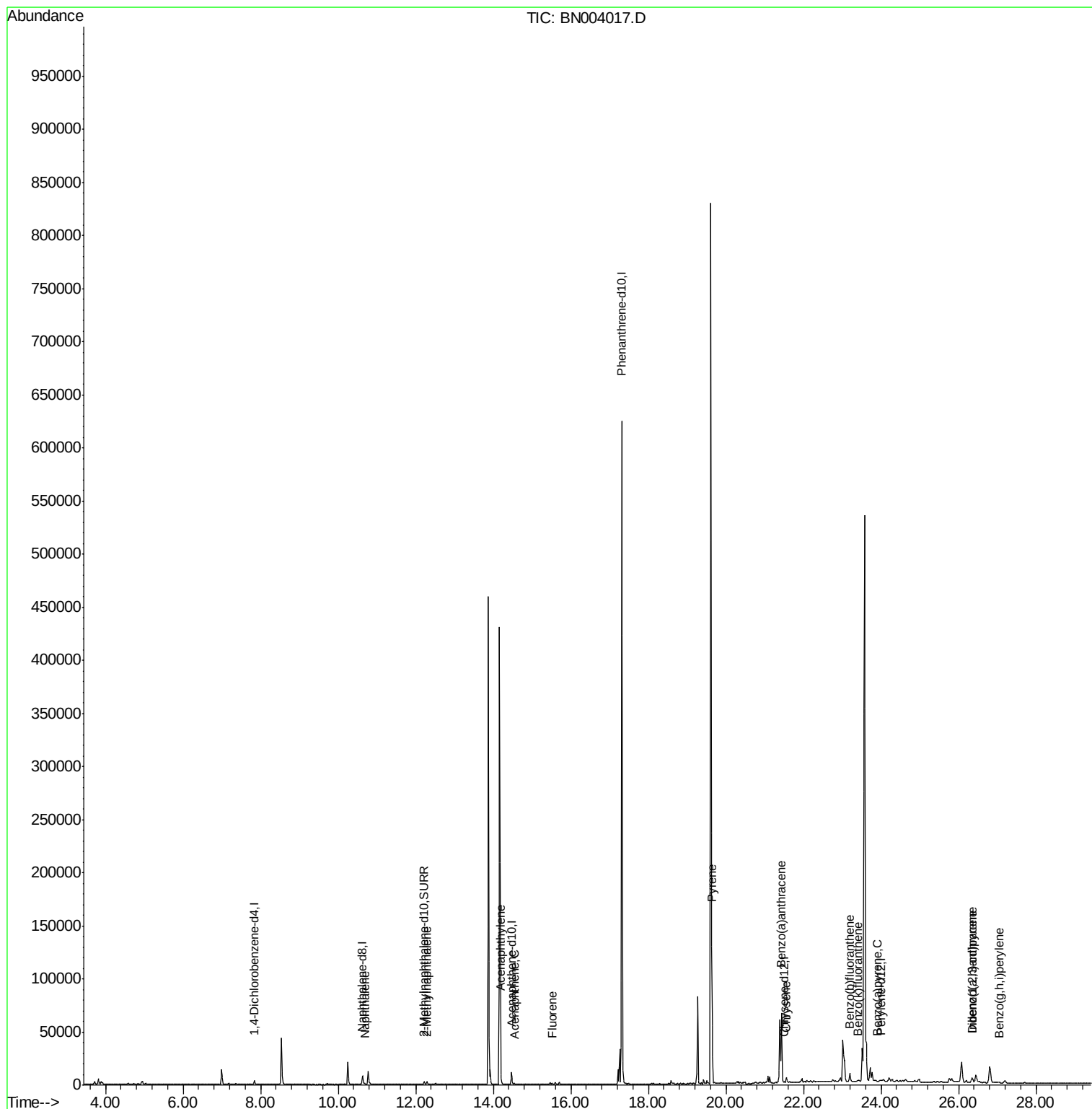
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	1771	0.058	ng/ul#	87
5) 2-Methylnaphthalene	12.29	142	1767	0.084	ng/ul	98
7) Acenaphthylene	14.19	152	4188	0.145	ng/ul	96
8) Acenaphthene	14.53	153	700	0.028	ng/ul	96
9) Fluorene	15.52	166	852	0.029	ng/ul#	93
17) Pyrene	19.64	202	77626	601.204	ng/ul	97
18) Benzo(a)anthracene	21.43	228	61960	544.919	ng/ul	93
19) Chrysene	21.55	228	4712	36.212	ng/ul#	37
21) Benzo(b)fluoranthene	23.19	252	10150	4.830	ng/ul#	72
22) Benzo(k)fluoranthene	23.40	252	664	0.324	ng/ul#	1
23) Benzo(a)pyrene	23.90	252	99	0.054	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.35	276	1911	0.916	ng/ul#	43
25) Dibenzo(a,h)anthracene	26.35	278	7062	4.205	ng/ul#	73
26) Benzo(g,h,i)perylene	27.03	276	615	0.339	ng/ul#	1

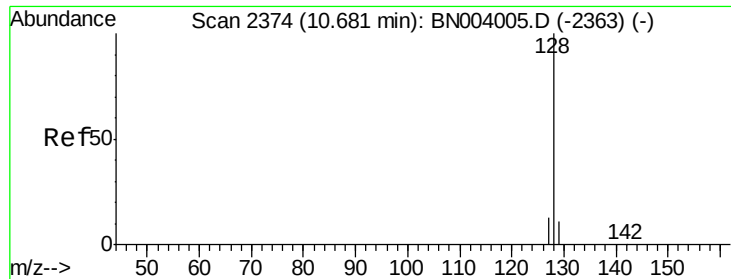
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN004017.D
Acq On : 17 Dec 2018 04:13
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Quant Time: Dec 17 06:26:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampled :

F9F05

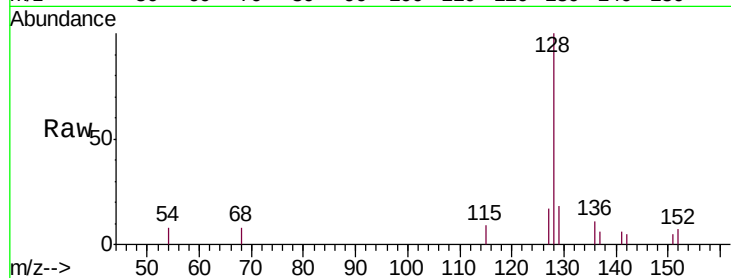
Tgt Ion:128 Resp: 1771

Ion Ratio Lower Upper

128 100

129 17.6 9.0 13.6#

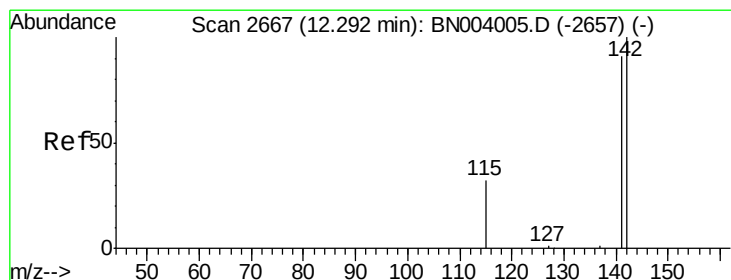
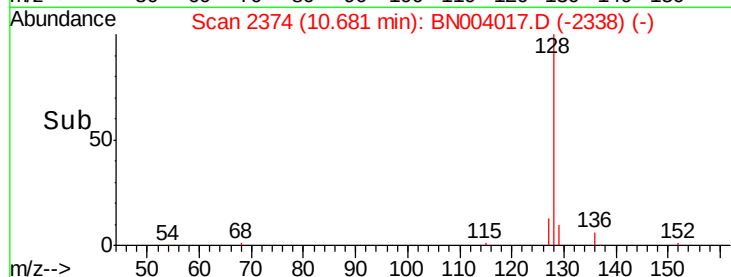
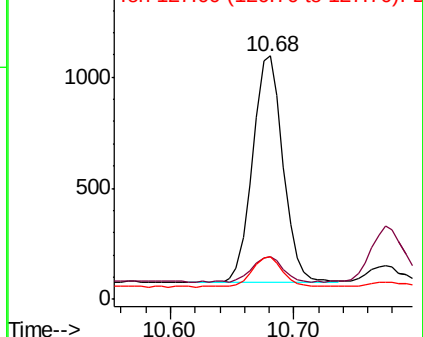
127 17.2 10.5 15.7#



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: 0.084 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN004017.D

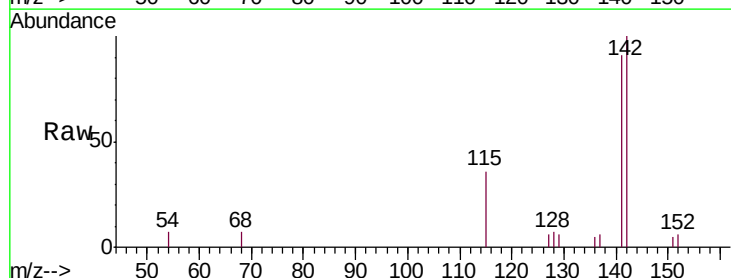
Acq: 17 Dec 2018 04:13

Tgt Ion:142 Resp: 1767

Ion Ratio Lower Upper

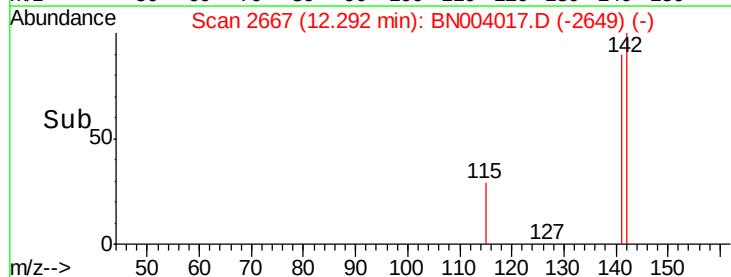
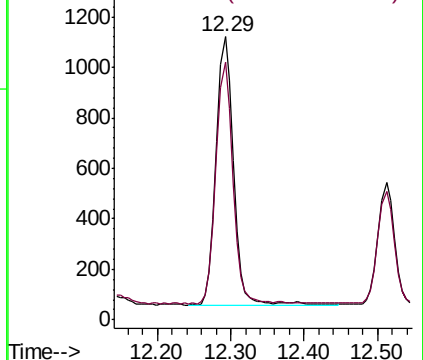
142 100

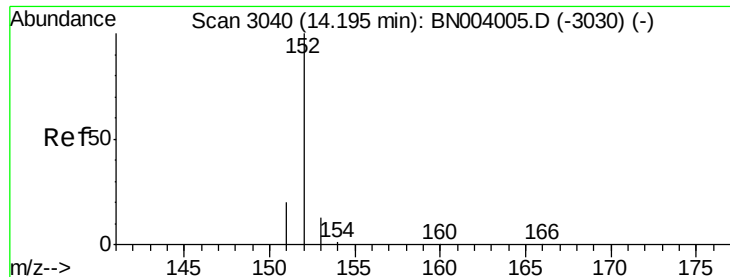
141 87.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.145 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampleId :

F9F05

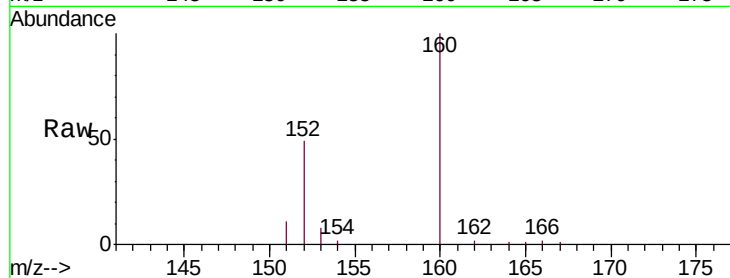
Tgt Ion:152 Resp: 4188

Ion Ratio Lower Upper

152 100

151 21.7 15.9 23.9

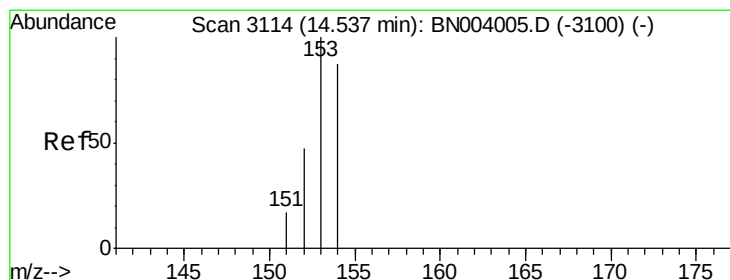
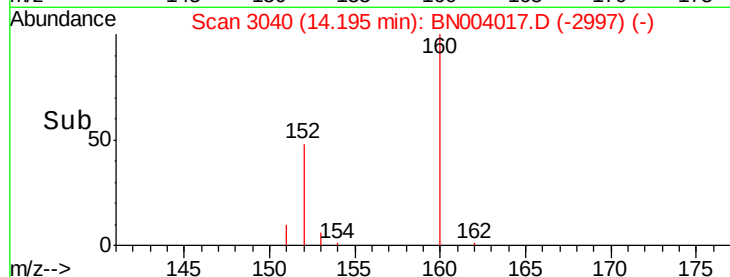
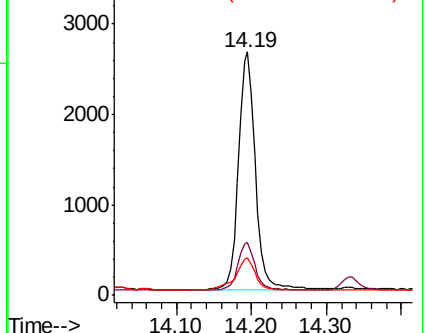
153 15.4 10.7 16.1



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



#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

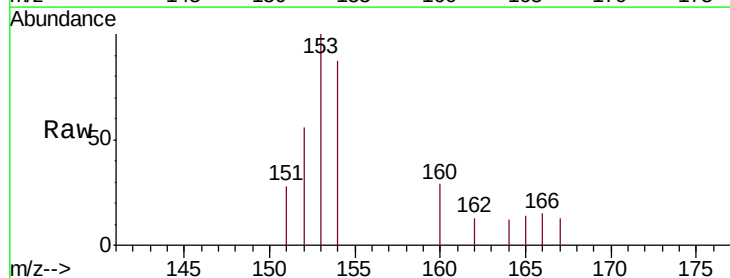
Tgt Ion:153 Resp: 700

Ion Ratio Lower Upper

153 100

152 56.0 39.3 58.9

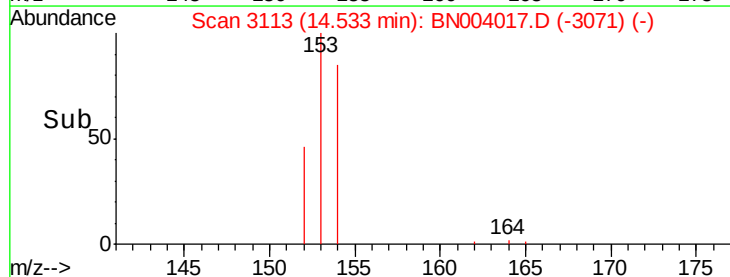
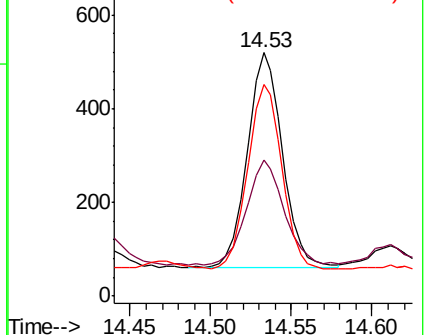
154 87.1 70.3 105.5

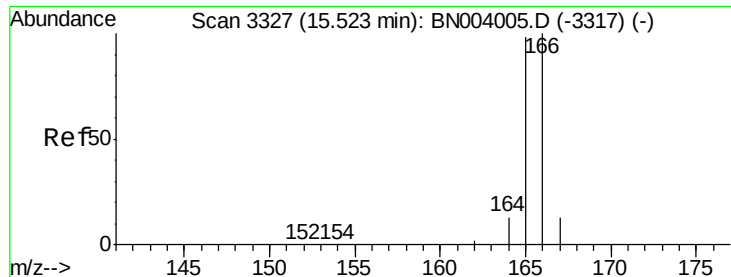


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampleId :

F9F05

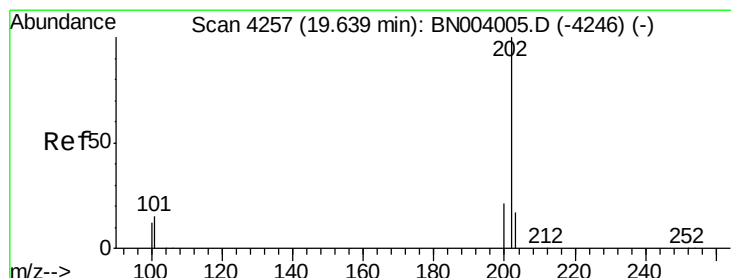
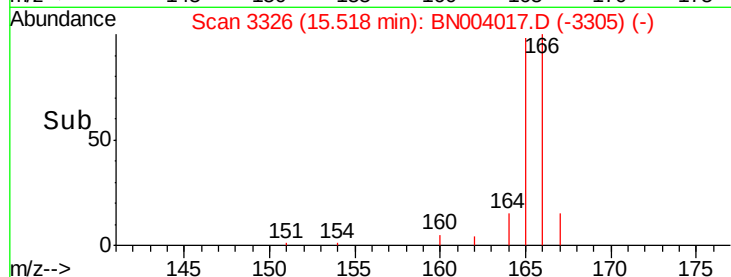
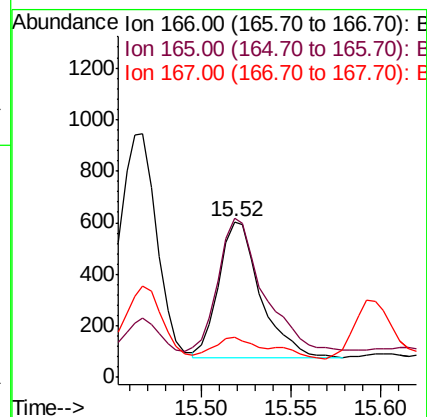
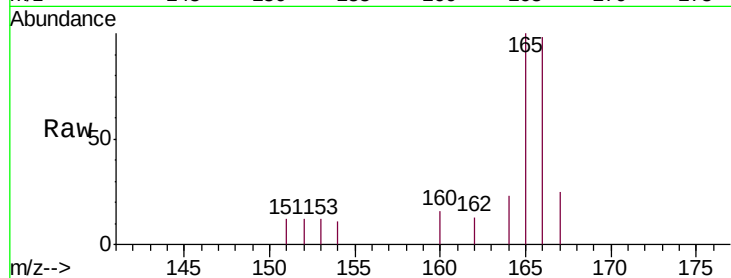
Tgt Ion:166 Resp: 852

Ion Ratio Lower Upper

166 100

165 102.3 78.3 117.5

167 25.5 11.3 16.9#



#17

Pyrene

Concen: 601.204 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

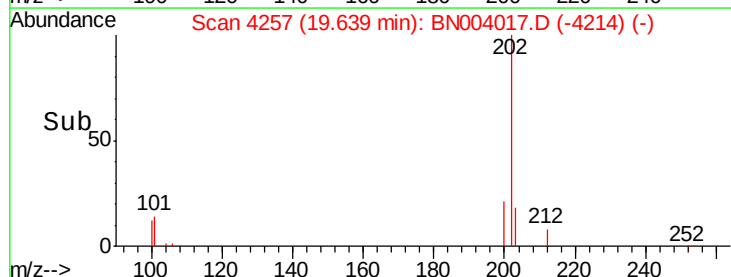
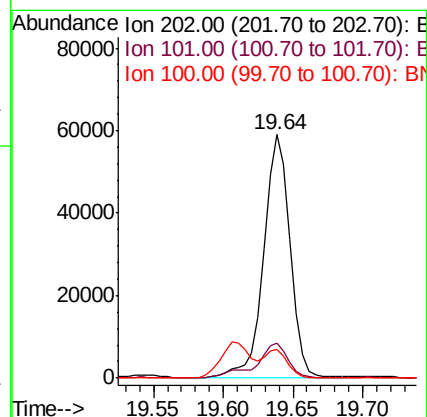
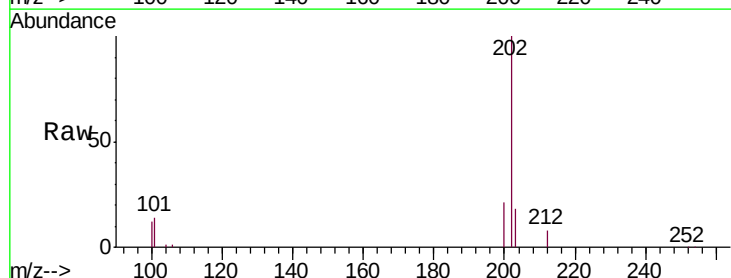
Tgt Ion:202 Resp: 77626

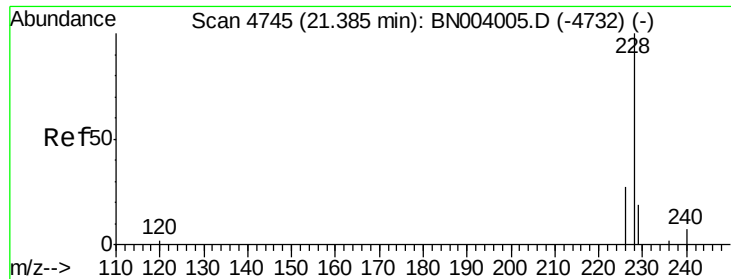
Ion Ratio Lower Upper

202 100

101 14.4 10.3 15.5

100 11.6 8.5 12.7





#18

Benzo(a)anthracene

Concen: 544.919 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.05 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampled :

F9F05

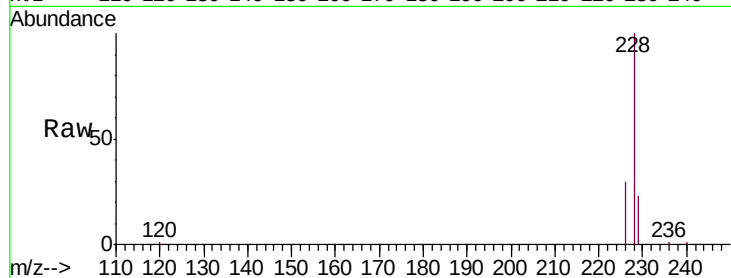
Tgt Ion:228 Resp: 61960

Ion Ratio Lower Upper

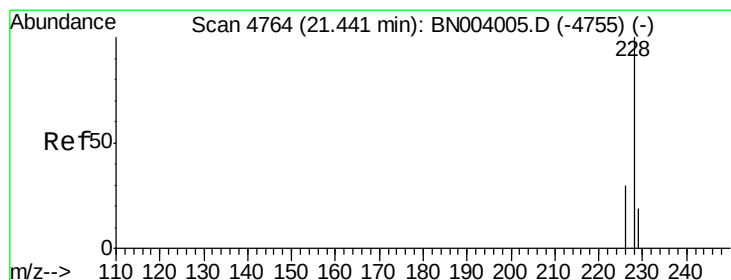
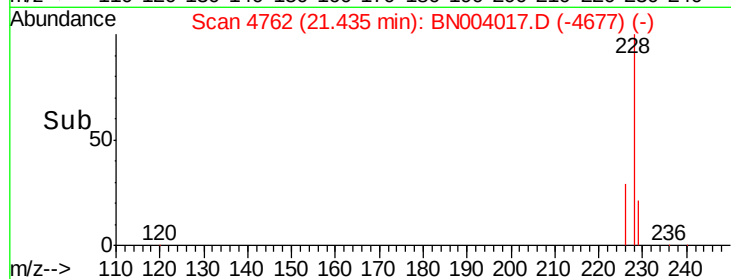
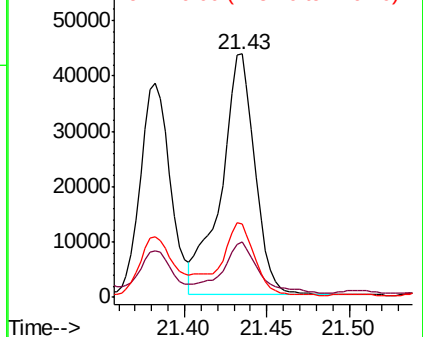
228 100

229 22.6 15.6 23.4

226 30.3 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: 36.212 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.11 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

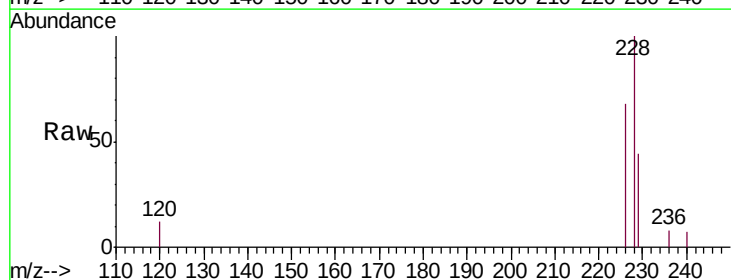
Tgt Ion:228 Resp: 4712

Ion Ratio Lower Upper

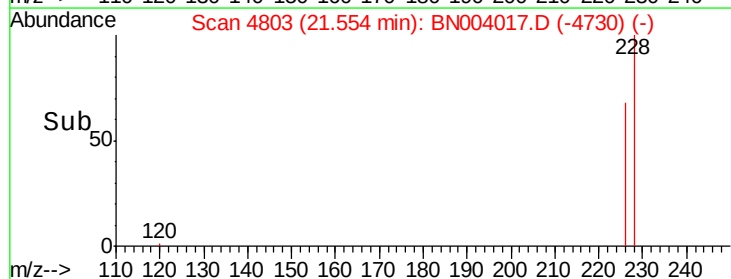
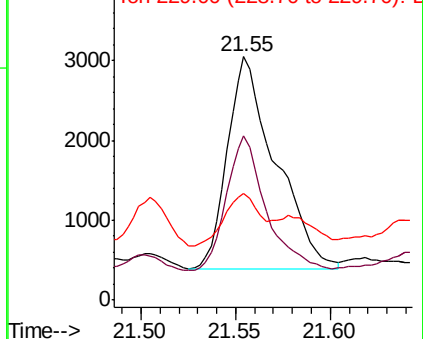
228 100

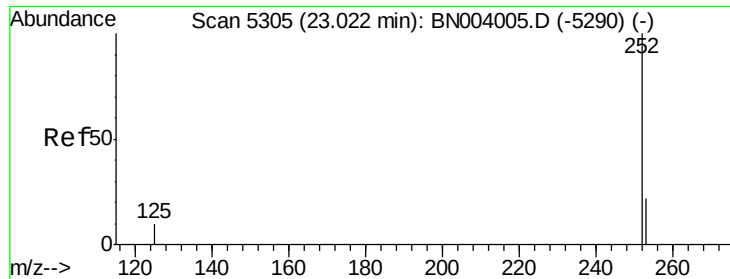
226 67.6 24.0 36.0#

229 43.7 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 4.830 ng/ul

RT: 23.19 min Scan# 5364

Delta R.T. 0.17 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampleId :

F9F05

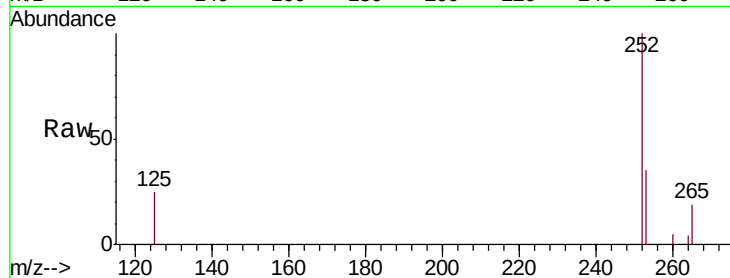
Tgt Ion:252 Resp: 10150

Ion Ratio Lower Upper

252 100

253 34.6 0.0 46.0

125 25.0 0.0 22.4#

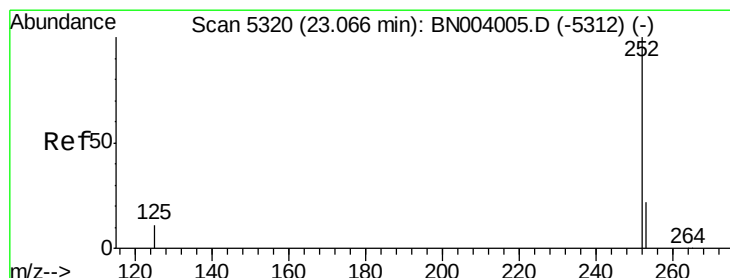
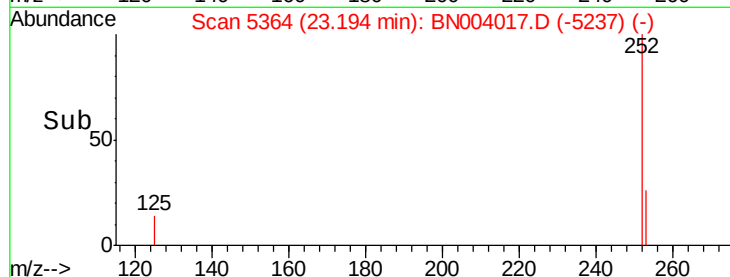
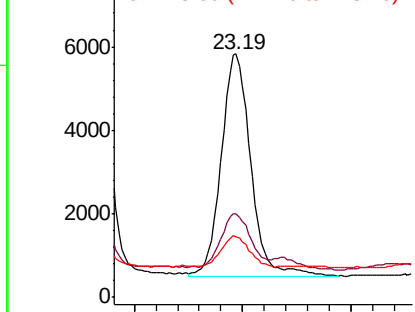


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.324 ng/ul

RT: 23.40 min Scan# 5435

Delta R.T. 0.34 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

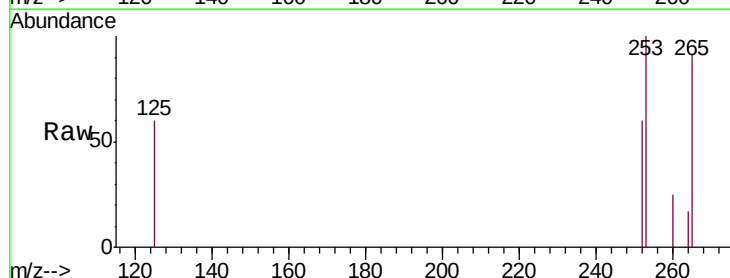
Tgt Ion:252 Resp: 664

Ion Ratio Lower Upper

252 100

253 167.4 18.5 27.7#

125 100.4 9.0 13.6#

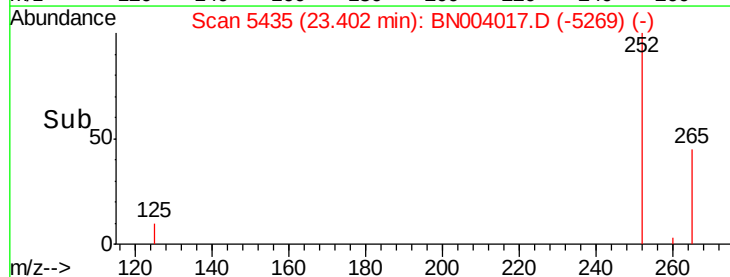
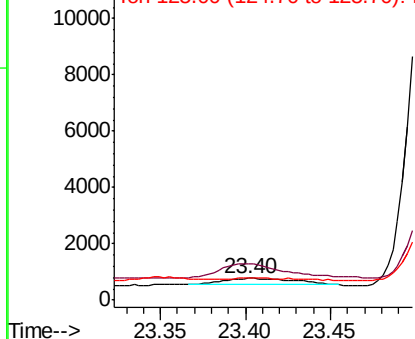


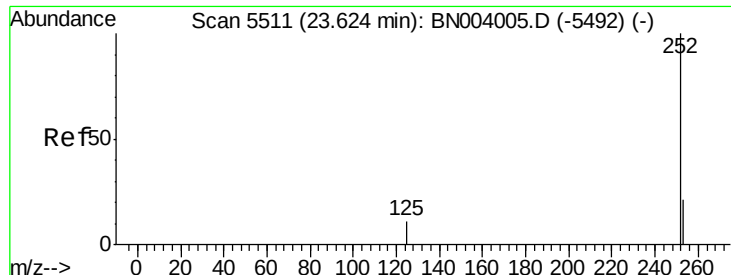
Abundance

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: 0.054 ng/ul

RT: 23.90 min Scan# 5607

Delta R.T. 0.28 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampleId :

F9F05

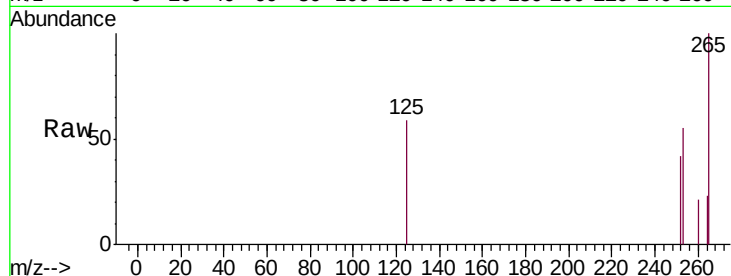
Tgt Ion: 252 Resp: 99

Ion Ratio Lower Upper

252 100

253 130.8 19.0 28.4#

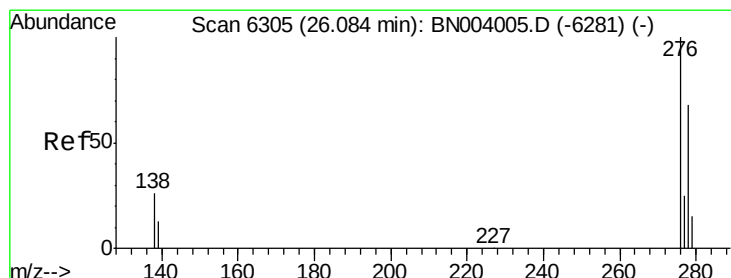
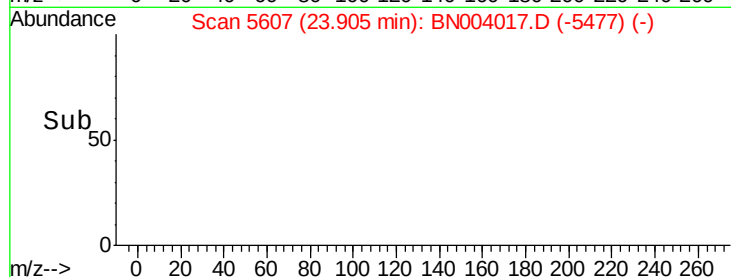
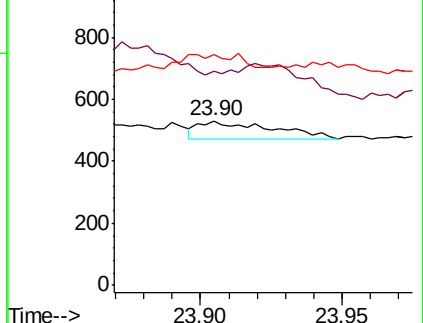
125 140.8 10.2 15.4#



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: 0.916 ng/ul

RT: 26.35 min Scan# 6384

Delta R.T. 0.26 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

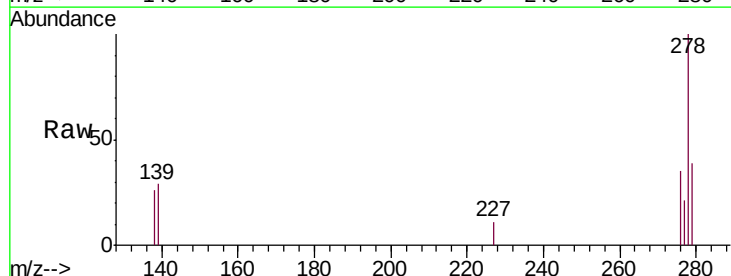
Tgt Ion: 276 Resp: 1911

Ion Ratio Lower Upper

276 100

138 54.5 20.3 30.5#

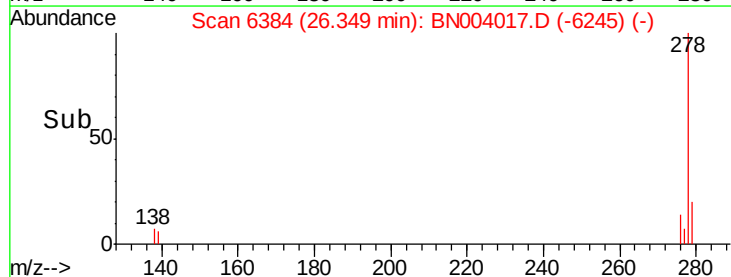
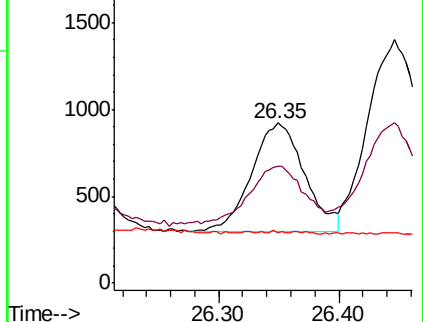
227 0.5 0.2 0.2#

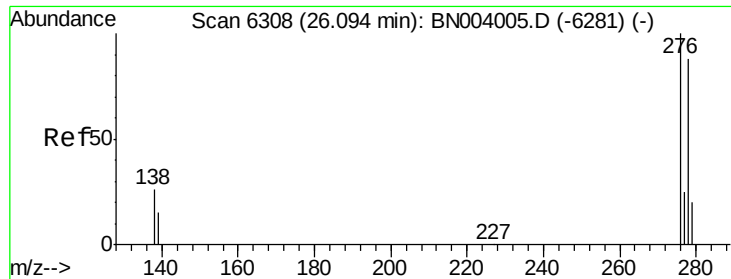


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 4.205 ng/ul

RT: 26.35 min Scan# 6384

Delta R.T. 0.25 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

Instrument :

BNA_N

ClientSampleId :

F9F05

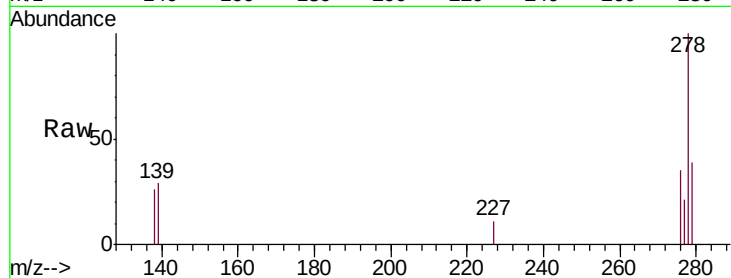
Tgt Ion:278 Resp: 7062

Ion Ratio Lower Upper

278 100

139 29.0 14.2 21.4#

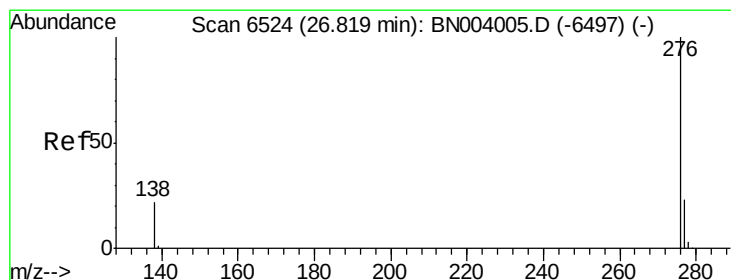
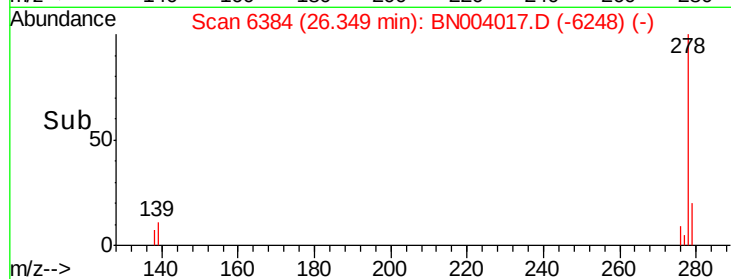
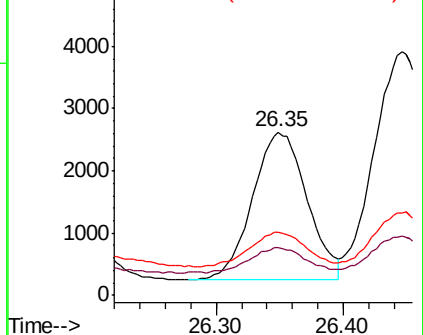
279 38.7 19.8 29.6#



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: 0.339 ng/ul

RT: 27.03 min Scan# 6588

Delta R.T. 0.21 min

Lab File: BN004017.D

Acq: 17 Dec 2018 04:13

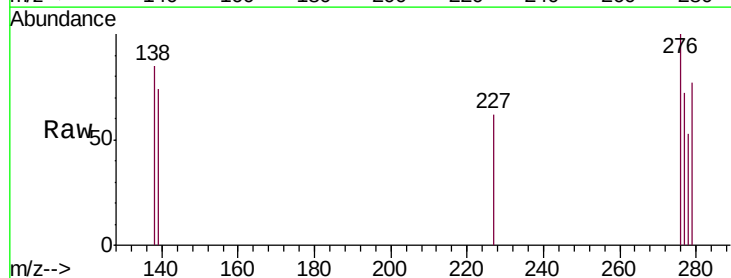
Tgt Ion:276 Resp: 615

Ion Ratio Lower Upper

276 100

138 84.6 17.7 26.5#

277 72.5 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

