

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E62

Quant Time: Dec 07 08:06:01 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6244	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	25662	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13672	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	30213	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	25329	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	23156	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5656	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12426	0.14	ng/ul	0.00

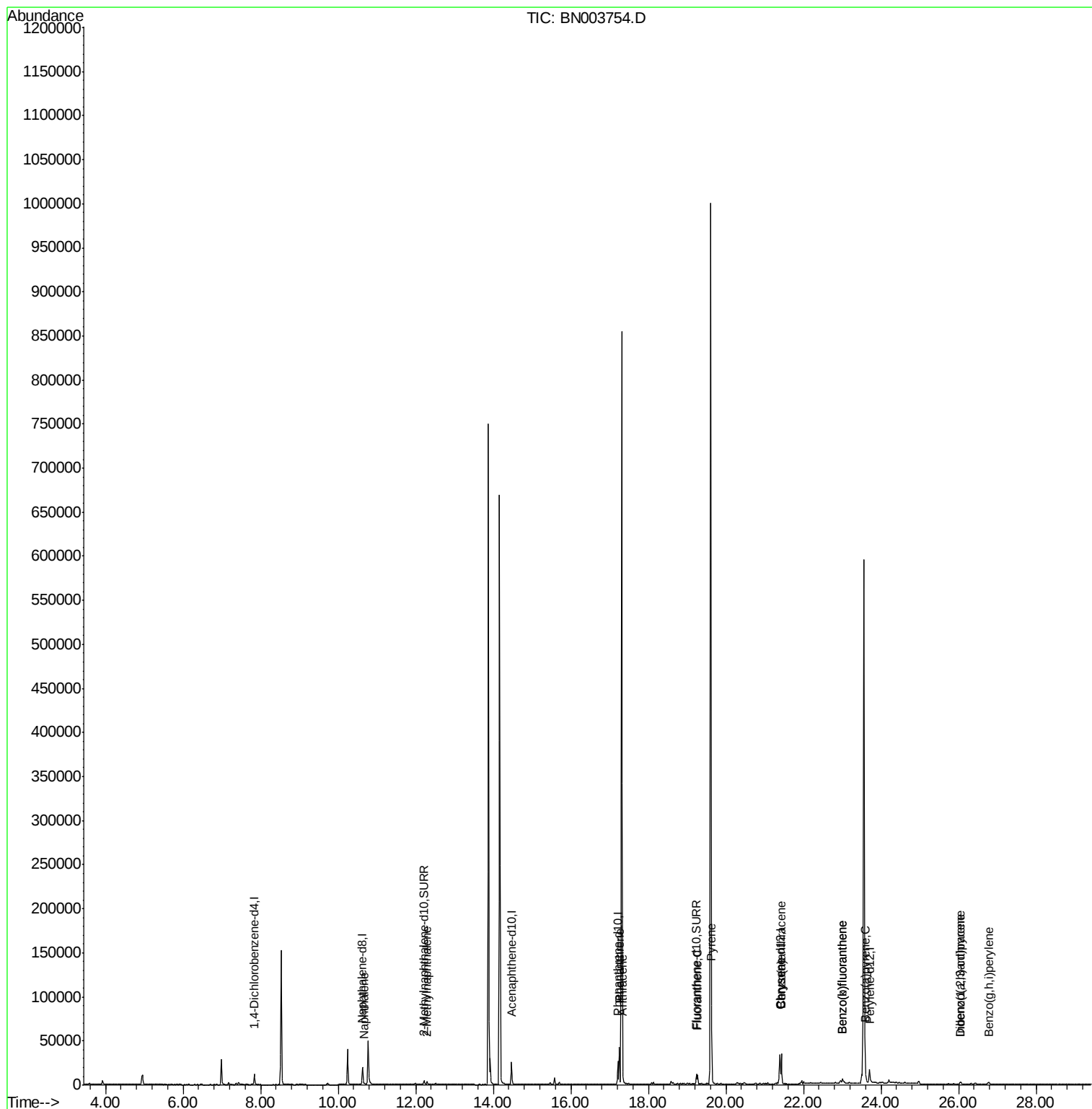
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	1537	0.021	ng/ul#	87
5) 2-Methylnaphthalene	12.29	142	2407	0.048	ng/ul	98
12) Phenanthrene	17.26	178	43256	0.436	ng/ul	99
13) Anthracene	17.34	178	2123	0.026	ng/ul#	90
15) Fluoranthene	19.27	202	8730	0.075	ng/ul	91
17) Pyrene	19.63	202	38593	0.425	ng/ul	99
18) Benzo(a)anthracene	21.43	228	32197	0.402	ng/ul	93
19) Chrysene	21.43	228	31317	0.342	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	9019	0.094	ng/ul	77
22) Benzo(k)fluoranthene	23.00	252	9019	0.097	ng/ul#	78
23) Benzo(a)pyrene	23.60	252	8025	0.097	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.04	276	3071	0.032	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.05	278	2523	0.033	ng/ul#	45
26) Benzo(g,h,i)perylene	26.77	276	5991	0.072	ng/ul#	90

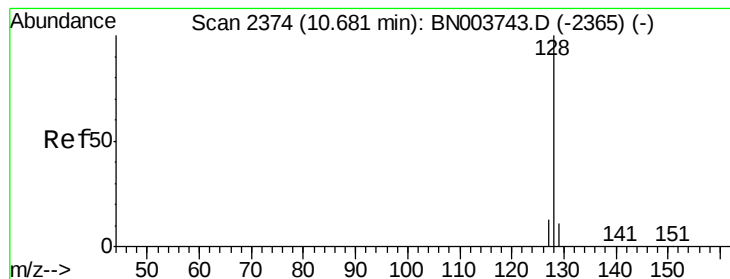
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E62

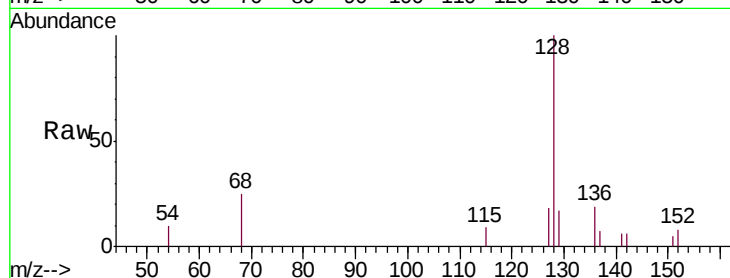
Tgt Ion:128 Resp: 1537

Ion Ratio Lower Upper

128 100

129 17.0 9.0 13.6#

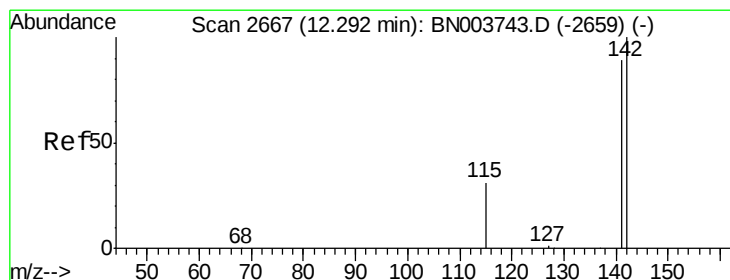
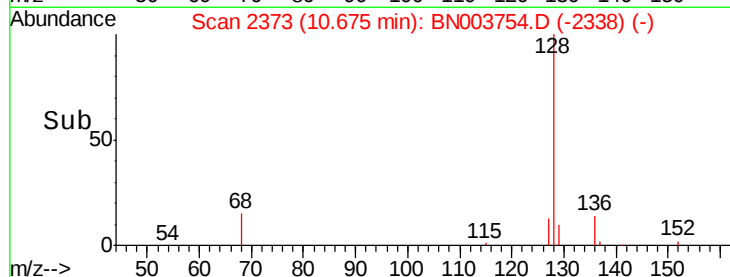
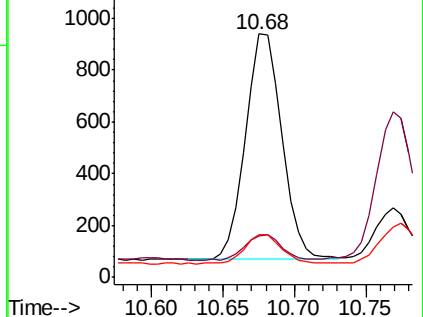
127 17.8 10.5 15.7#



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: 0.048 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003754.D

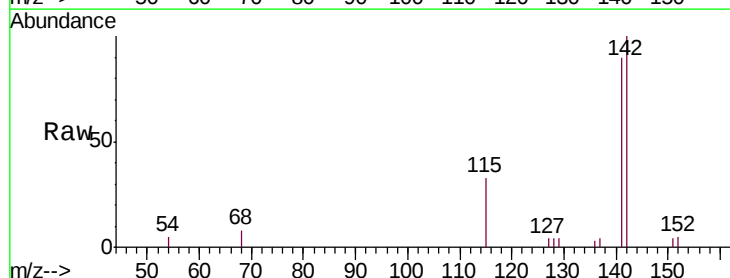
Acq: 07 Dec 2018 05:54

Tgt Ion:142 Resp: 2407

Ion Ratio Lower Upper

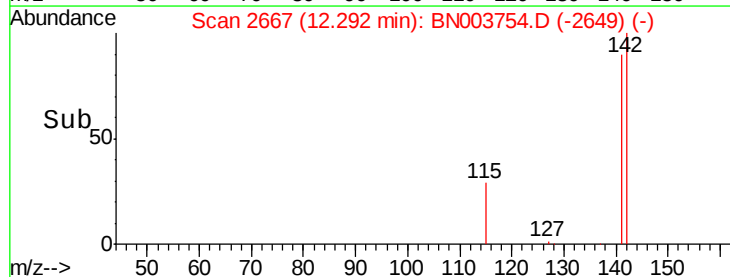
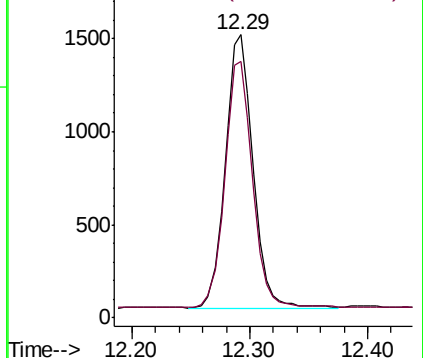
142 100

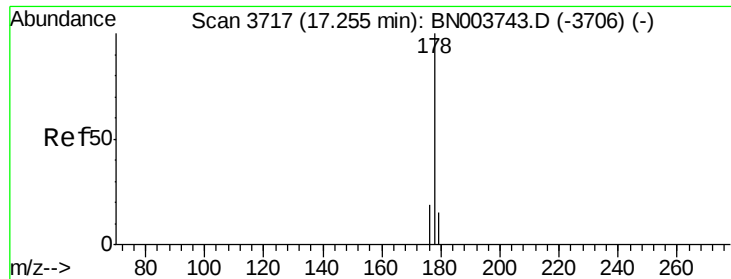
141 90.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.436 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E62

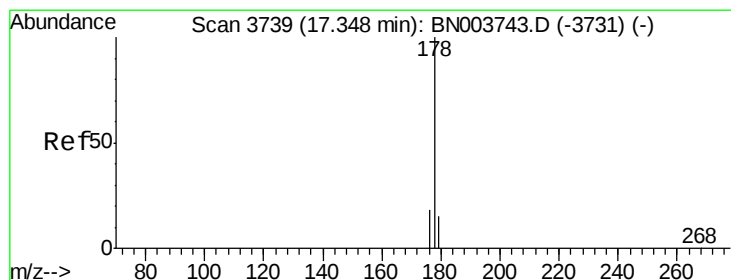
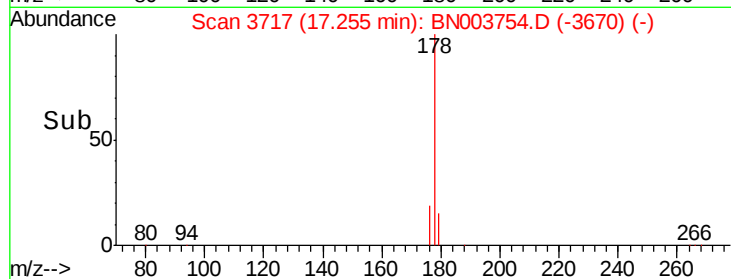
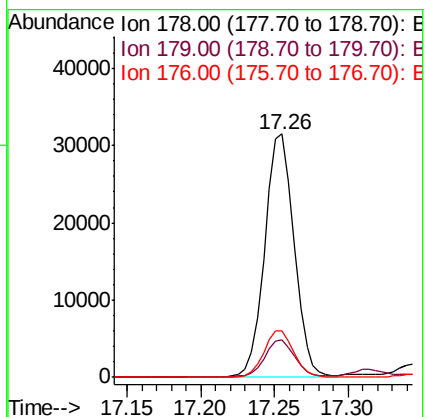
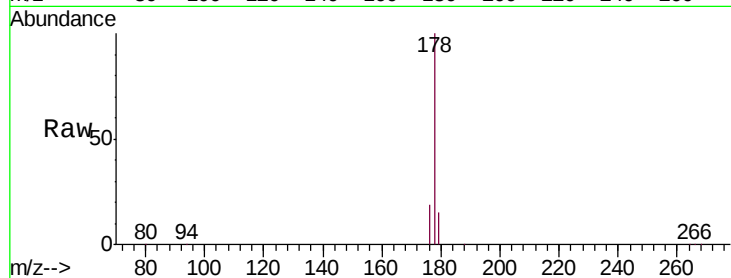
Tgt Ion:178 Resp: 43256

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.0 15.0 22.4



#13

Anthracene

Concen: 0.026 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

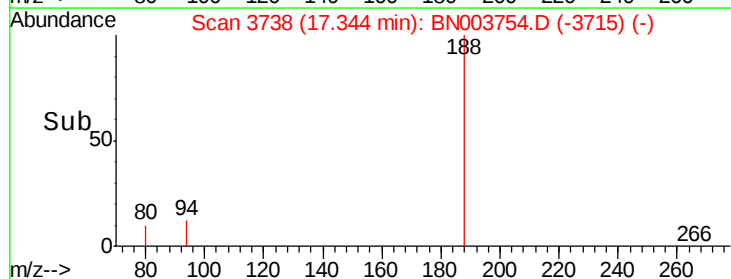
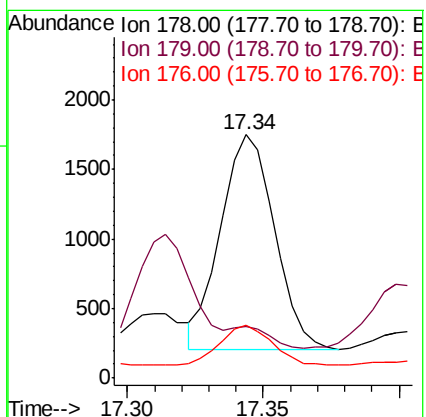
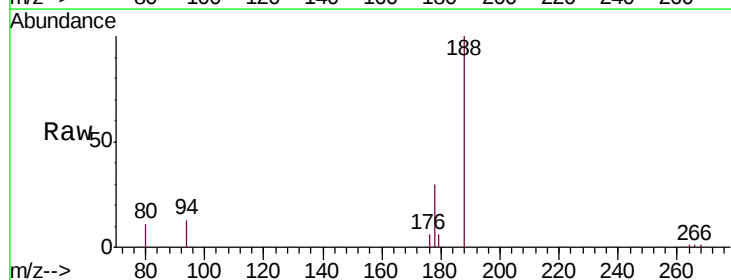
Tgt Ion:178 Resp: 2123

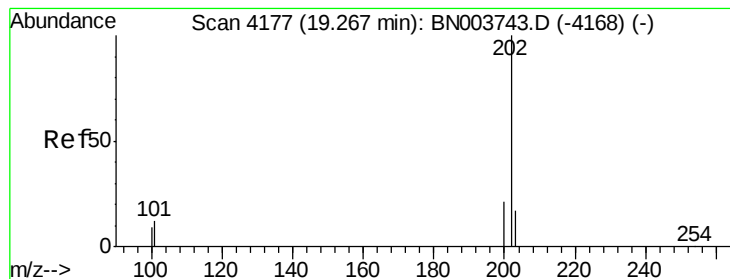
Ion Ratio Lower Upper

178 100

179 21.4 12.3 18.5#

176 21.5 14.8 22.2





#15

Fluoranthene

Concen: 0.075 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. 0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E62

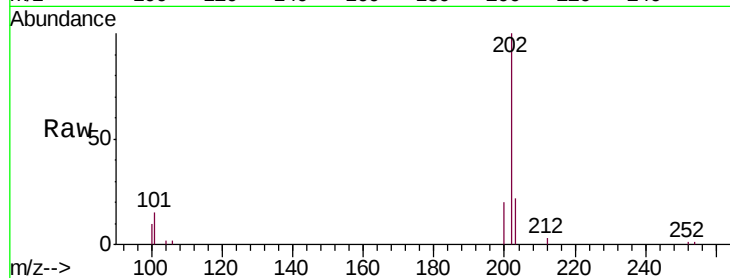
Tgt Ion:202 Resp: 8730

Ion Ratio Lower Upper

202 100

101 14.7 0.0 30.7

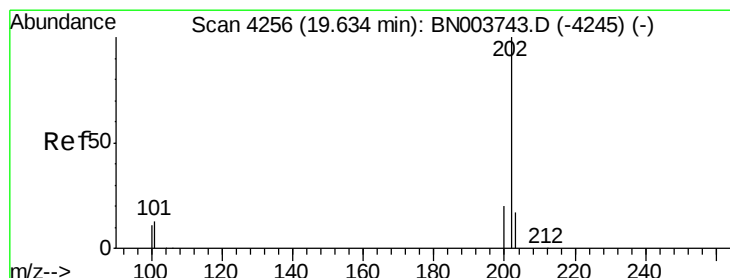
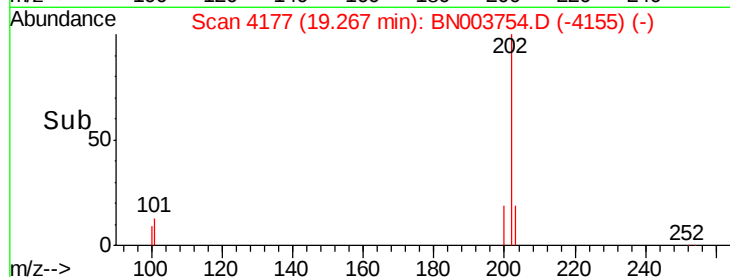
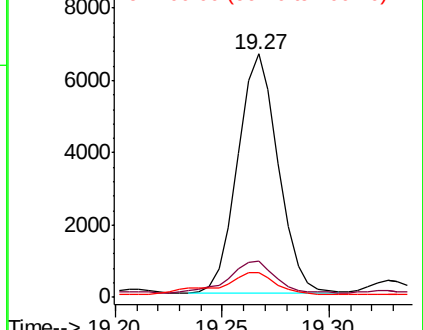
100 10.3 0.0 28.1



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



#17

Pyrene

Concen: 0.425 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

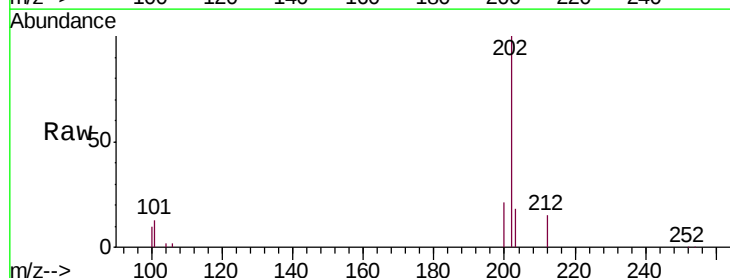
Tgt Ion:202 Resp: 38593

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

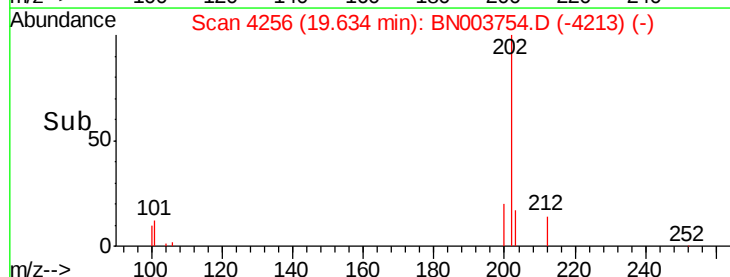
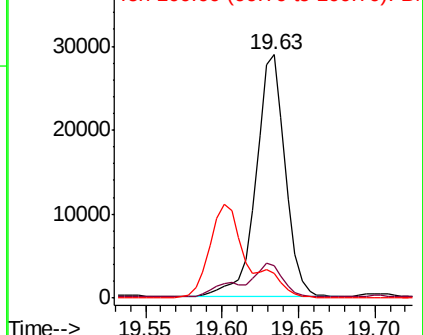
100 10.3 8.5 12.7

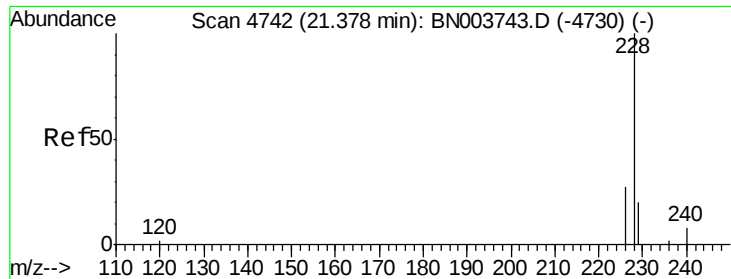


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.402 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. 0.05 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E62

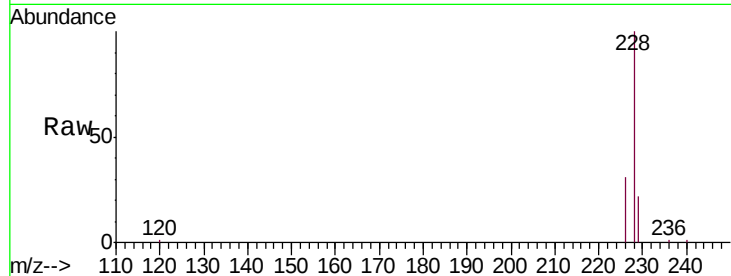
Tgt Ion:228 Resp: 32197

Ion Ratio Lower Upper

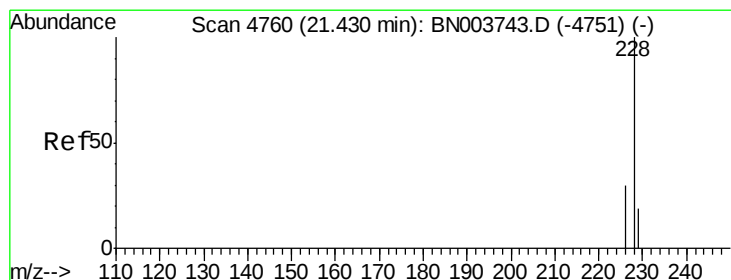
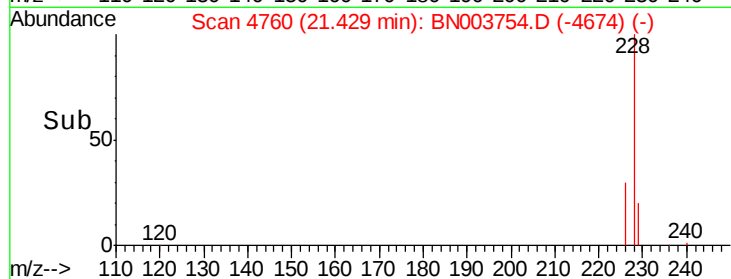
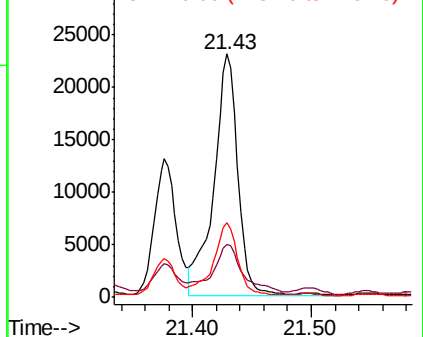
228 100

229 21.8 15.6 23.4

226 30.7 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: 0.342 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

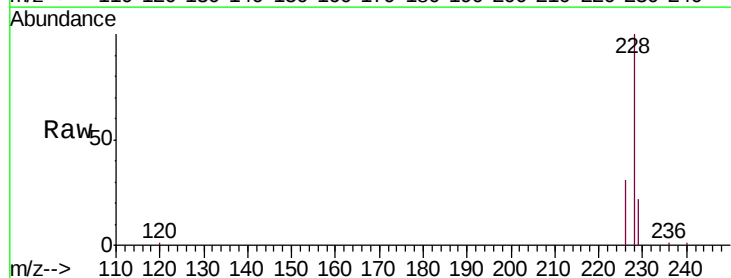
Tgt Ion:228 Resp: 31317

Ion Ratio Lower Upper

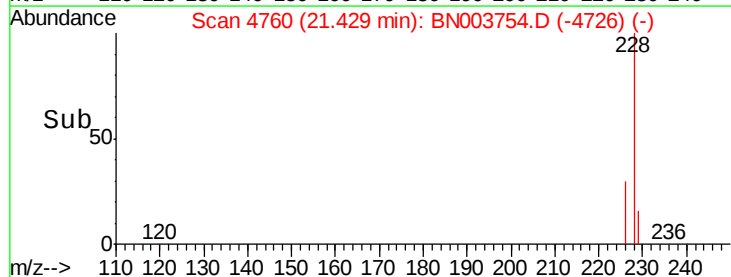
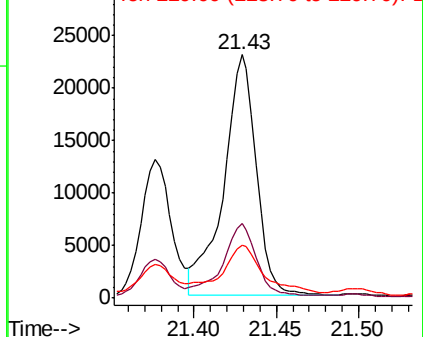
228 100

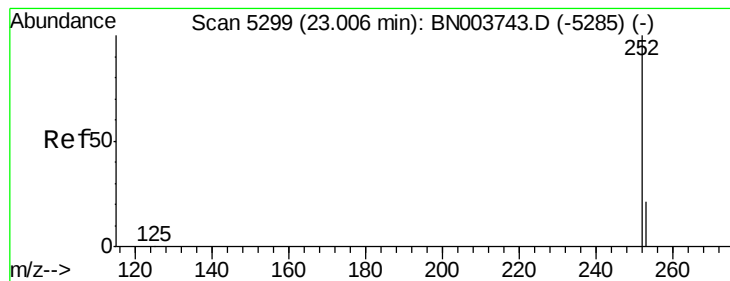
226 30.7 24.0 36.0

229 21.8 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: 0.094 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E62

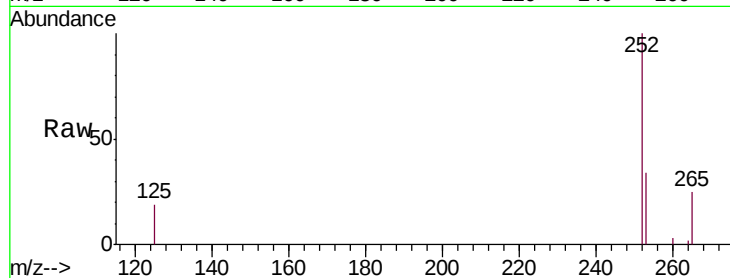
Tgt Ion:252 Resp: 9019

Ion Ratio Lower Upper

252 100

253 34.4 0.0 46.0

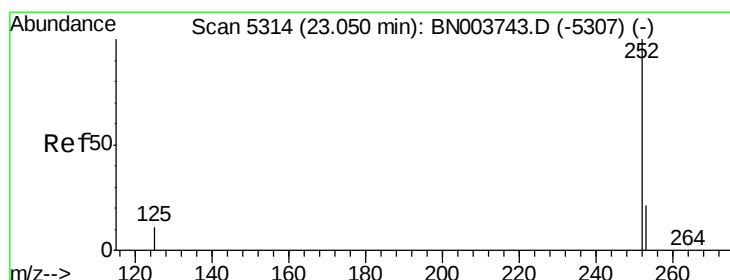
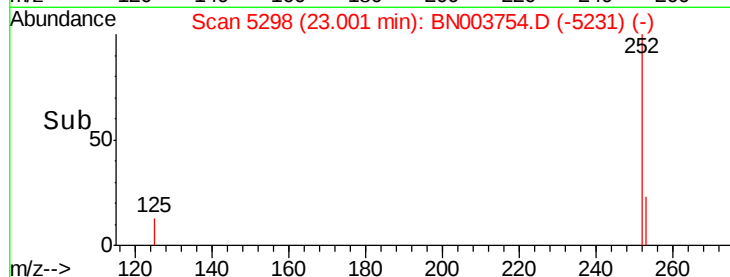
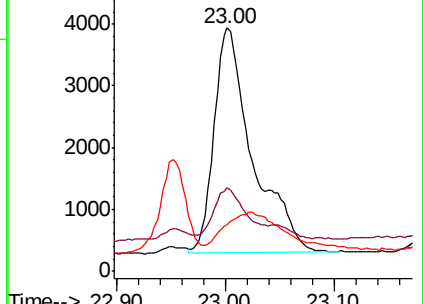
125 19.2 0.0 22.4



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: 0.097 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.05 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

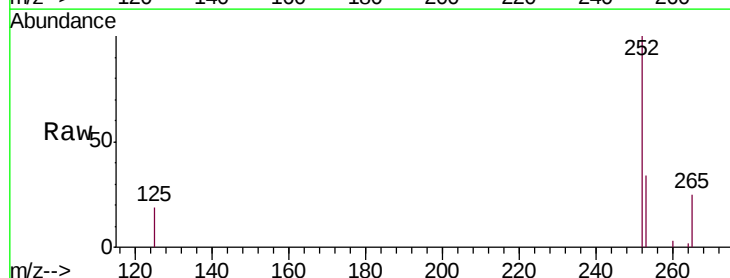
Tgt Ion:252 Resp: 9019

Ion Ratio Lower Upper

252 100

253 34.4 18.5 27.7#

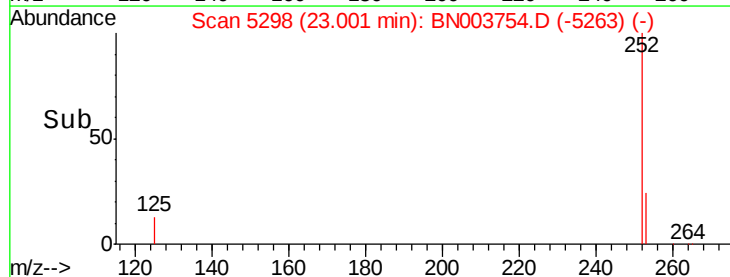
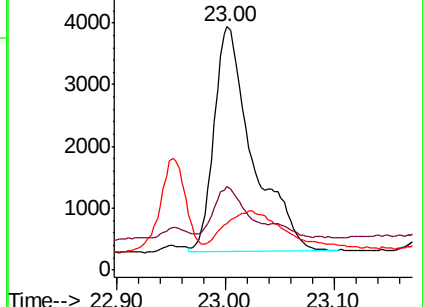
125 19.2 9.0 13.6#

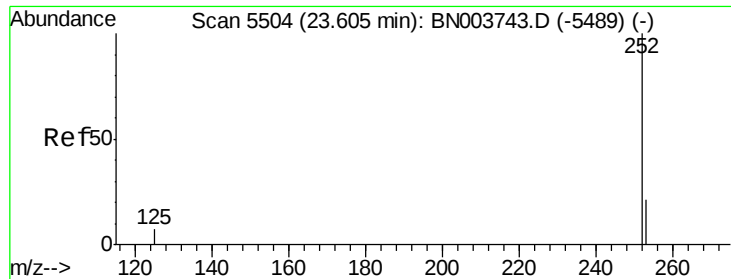


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.097 ng/u1

RT: 23.60 min Scan# 5503

Delta R.T. -0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

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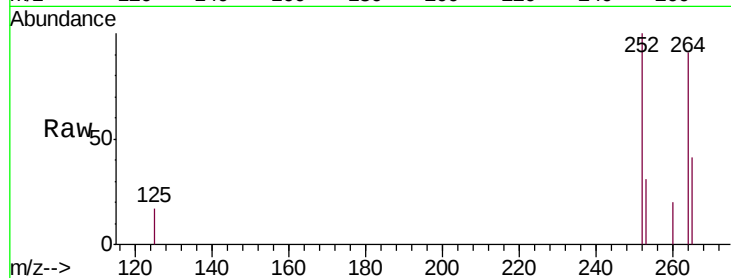
Tgt Ion:252 Resp: 8025

Ion Ratio Lower Upper

252 100

253 31.0 19.0 28.4#

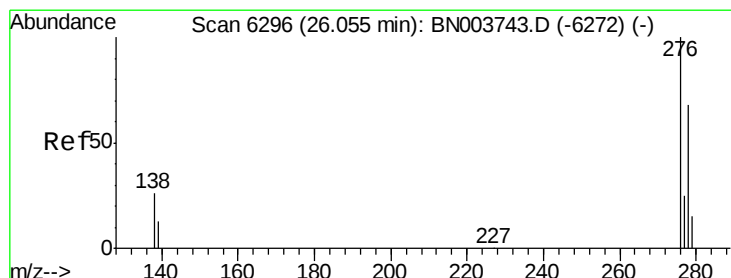
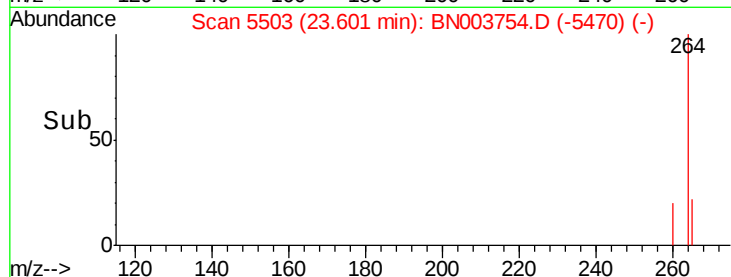
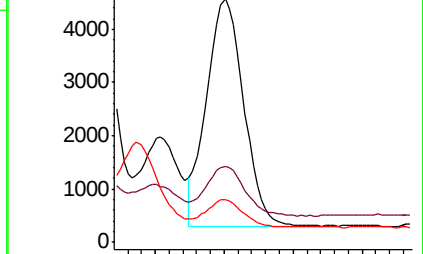
125 17.4 10.2 15.4#



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: 0.032 ng/u1

RT: 26.04 min Scan# 6293

Delta R.T. -0.01 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

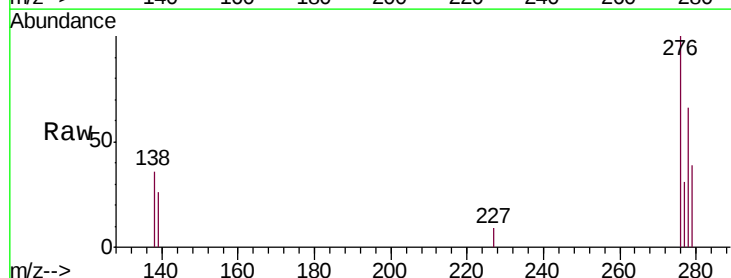
Tgt Ion:276 Resp: 3071

Ion Ratio Lower Upper

276 100

138 28.3 20.3 30.5

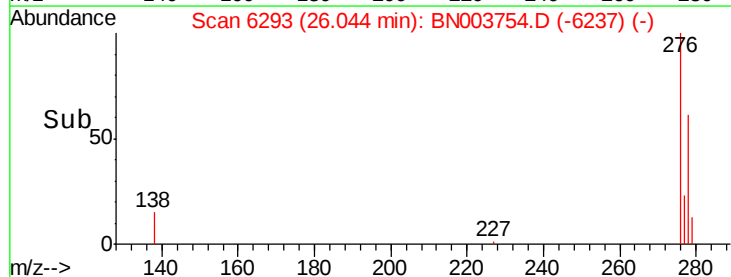
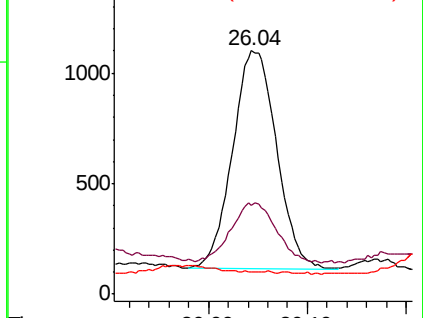
227 0.0 0.2 0.2#

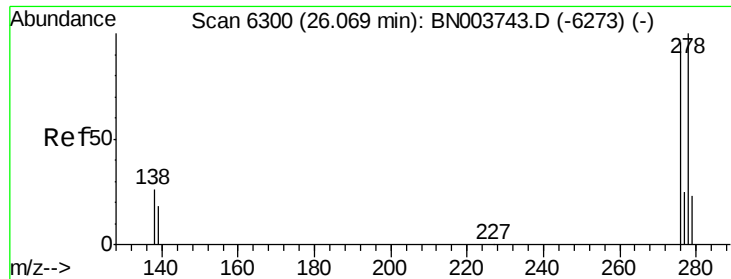


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.033 ng/u1

RT: 26.05 min Scan# 6295

Delta R.T. -0.02 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

Instrument :

BNA_N

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F9E62

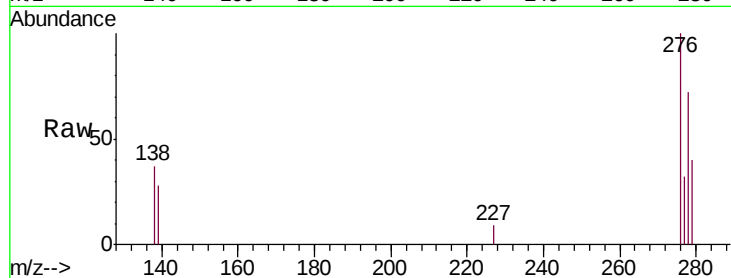
Tgt Ion:278 Resp: 2523

Ion Ratio Lower Upper

278 100

139 38.8 14.2 21.4#

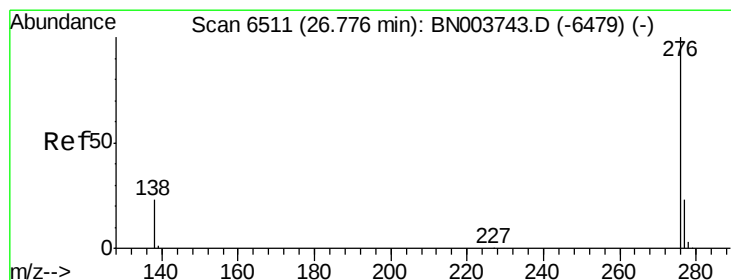
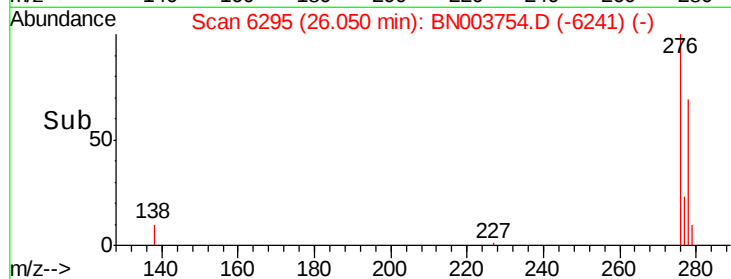
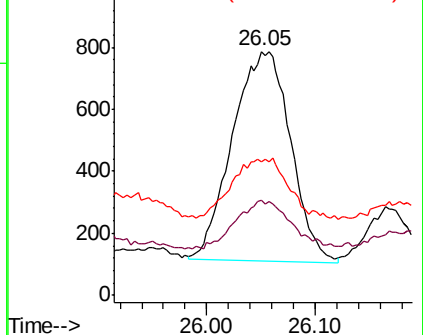
279 54.8 19.8 29.6#



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: 0.072 ng/u1

RT: 26.77 min Scan# 6510

Delta R.T. -0.00 min

Lab File: BN003754.D

Acq: 07 Dec 2018 05:54

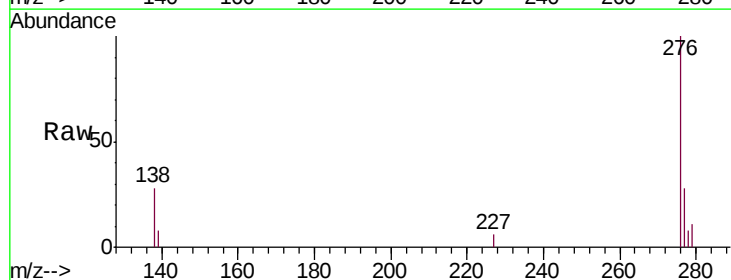
Tgt Ion:276 Resp: 5991

Ion Ratio Lower Upper

276 100

138 28.3 17.7 26.5#

277 27.7 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

