

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
 Data File : BN005740.D
 Acq On : 17 May 2019 21:18
 Operator : JU/SJ
 Sample : K2788-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51A8

Quant Time: May 18 00:51:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 04:47:07 2019
 Response via : Initial Calibration

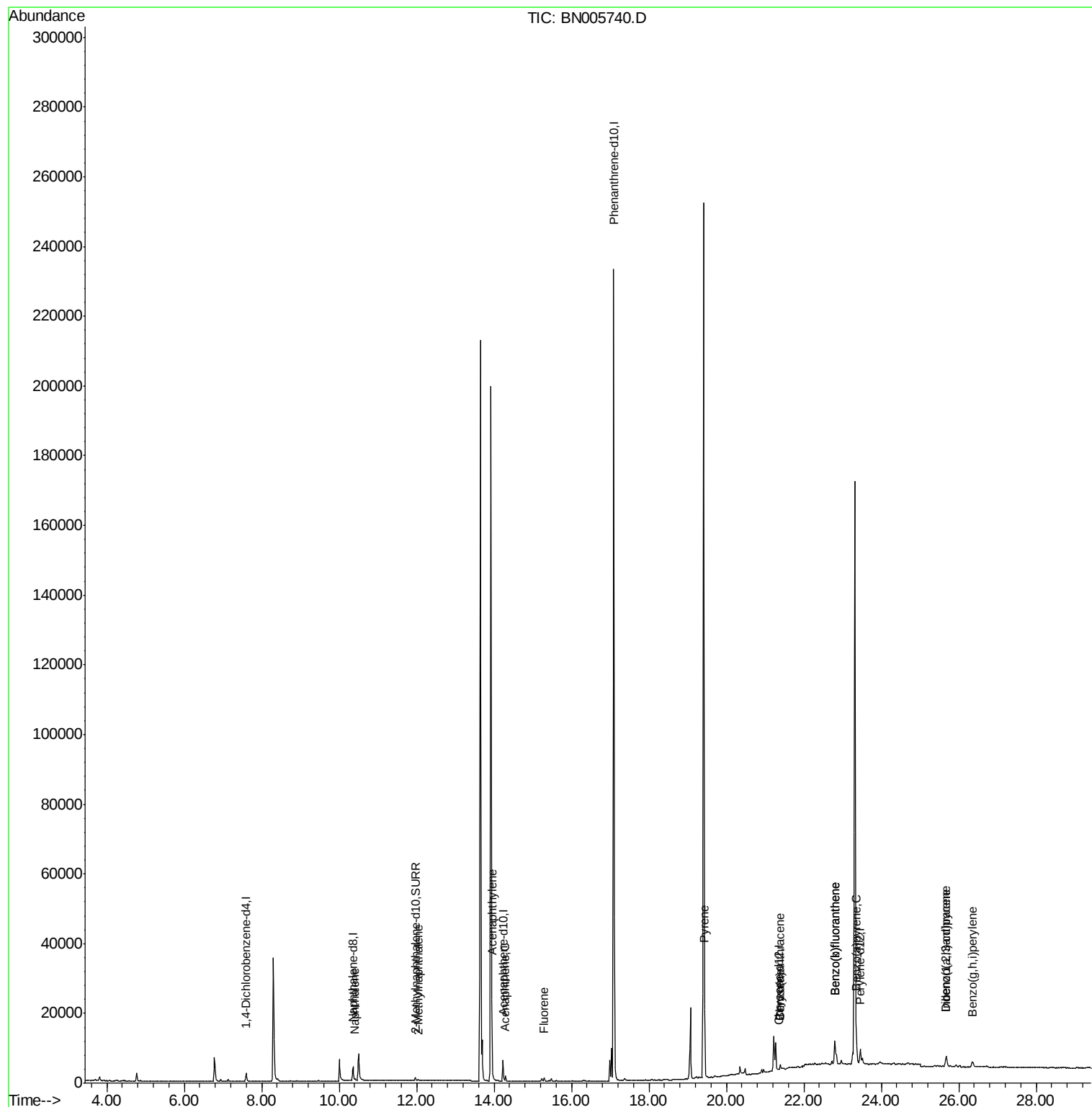
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1421	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	5737	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3479	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	301225	0.40	ng/ul	0.11
16) Chrysene-d12	21.35	240	32	0.40	ng/ul	0.13
20) Perylene-d12	23.46	264	5741	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1593	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.40	128	650	0.043	ng/ul#	76
5) 2-Methylnaphthalene	12.04	142	265	0.026	ng/ul	94
7) Acenaphthylene	13.95	152	715	0.041	ng/ul#	81
8) Acenaphthene	14.29	153	874	0.071	ng/ul	97
9) Fluorene	15.29	166	682	0.047	ng/ul#	94
17) Pyrene	19.44	202	16181	136.926	ng/ul#	94
18) Benzo(a)anthracene	21.39	228	1423	12.898	ng/ul#	1
19) Chrysene	21.39	228	1254	9.256	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	15405	0.892	ng/ul#	63
22) Benzo(k)fluoranthene	22.80	252	15405	0.712	ng/ul#	62
23) Benzo(a)pyrene	23.36	252	7225	0.375	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	25.68	276	5262	0.244	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.68	278	1455	0.082	ng/ul#	1
26) Benzo(g,h,i)perylene	26.35	276	3658	0.199	ng/ul#	49

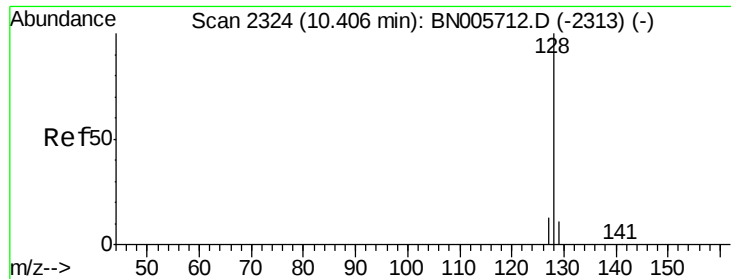
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
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QLast Update : Fri May 17 04:47:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

ClientSampleId :

A51A8

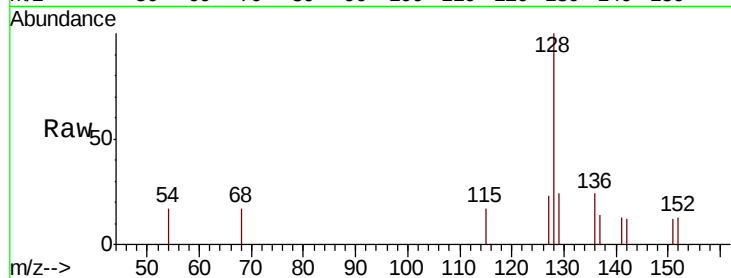
Tgt Ion:128 Resp: 650

Ion Ratio Lower Upper

128 100

129 23.9 10.2 15.2#

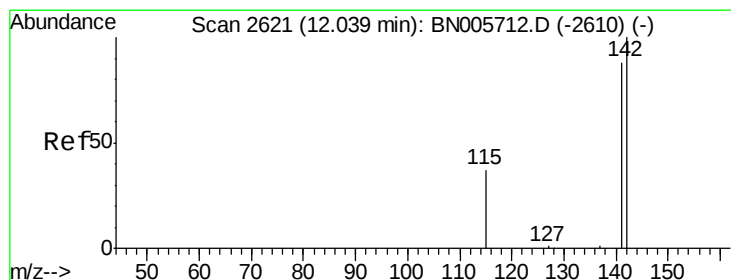
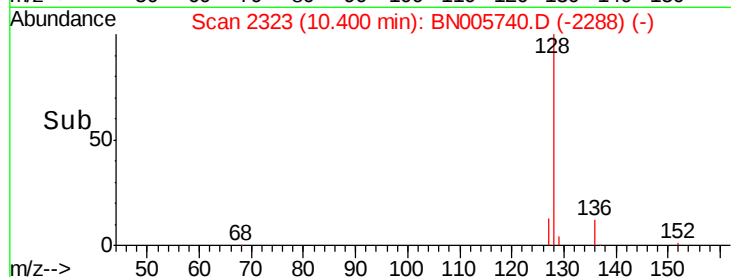
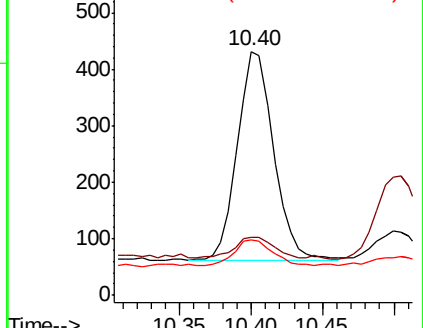
127 23.0 11.8 17.8#



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: 0.026 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BN005740.D

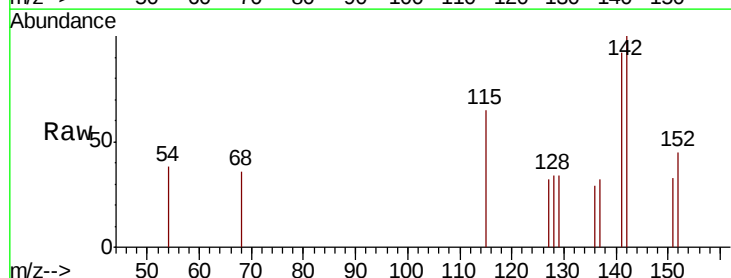
Acq: 17 May 2019 21:18

Tgt Ion:142 Resp: 265

Ion Ratio Lower Upper

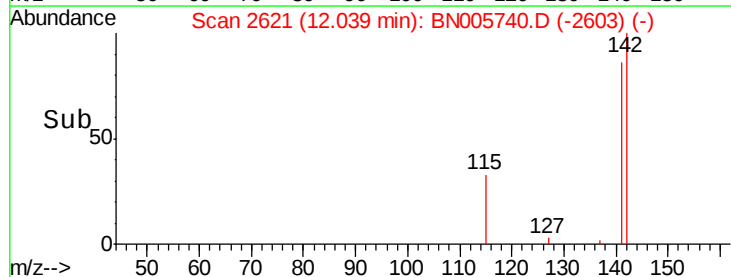
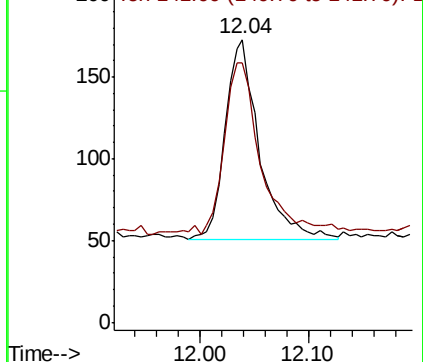
142 100

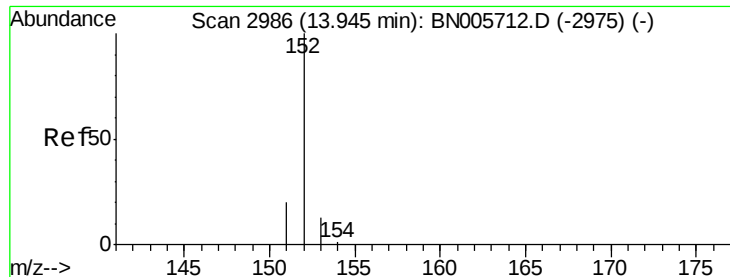
141 95.8 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

ClientSampleId :

A51A8

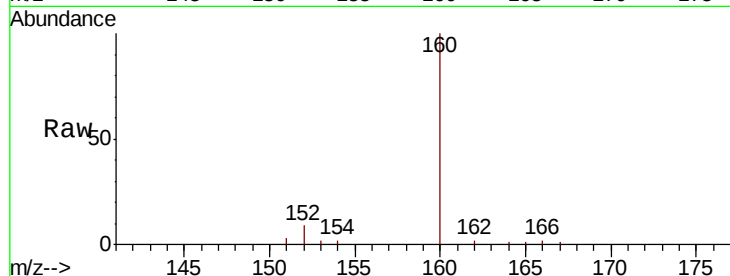
Tgt Ion:152 Resp: 715

Ion Ratio Lower Upper

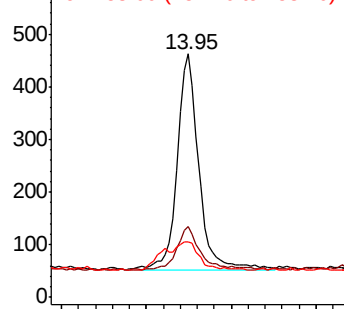
152 100

151 28.9 16.7 25.1#

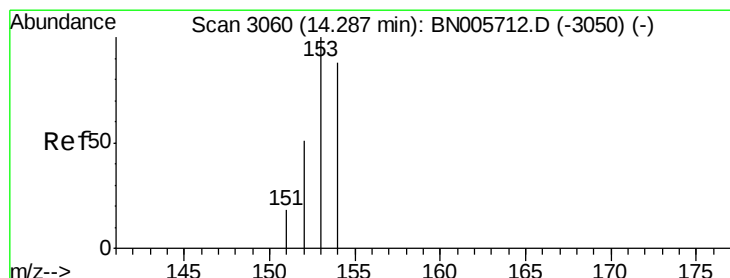
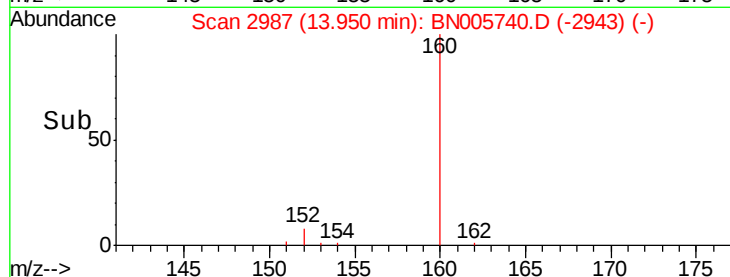
153 22.9 11.6 17.4#



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



Time--> 13.80 13.90 14.00 14.10



#8

Acenaphthene

Concen: 0.071 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. 0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

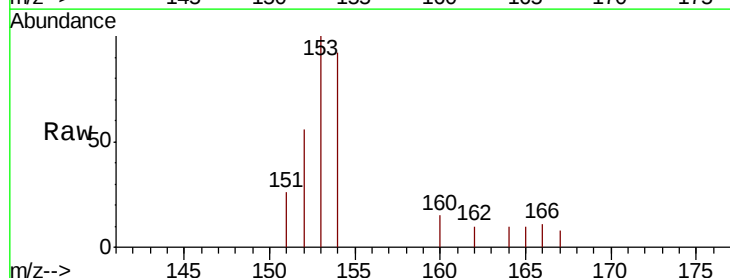
Tgt Ion:153 Resp: 874

Ion Ratio Lower Upper

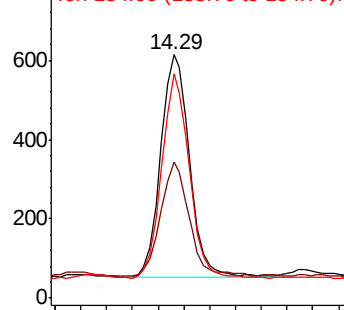
153 100

152 56.2 40.8 61.2

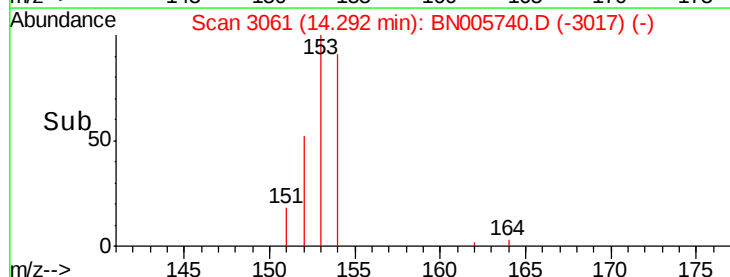
154 92.0 73.2 109.8

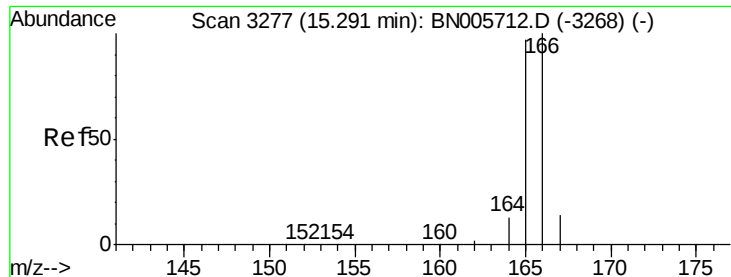


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.20 14.30 14.40





#9

Fluorene

Concen: 0.047 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

ClientSampleId :

A51A8

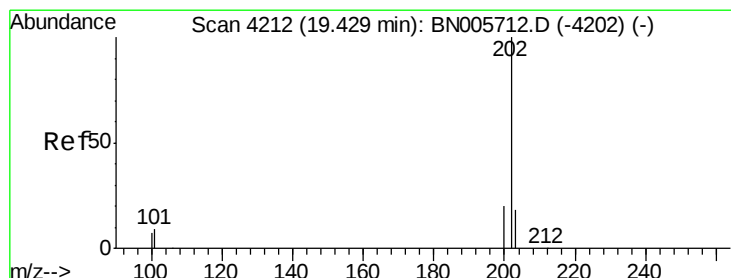
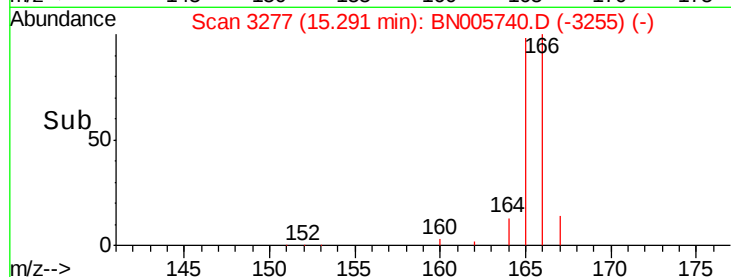
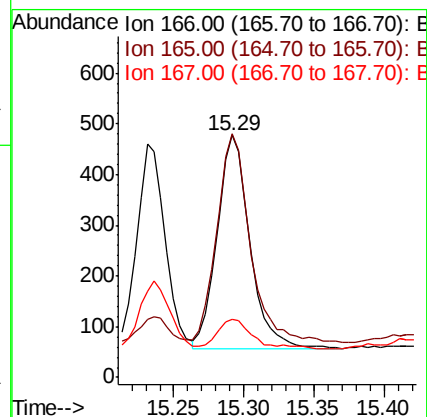
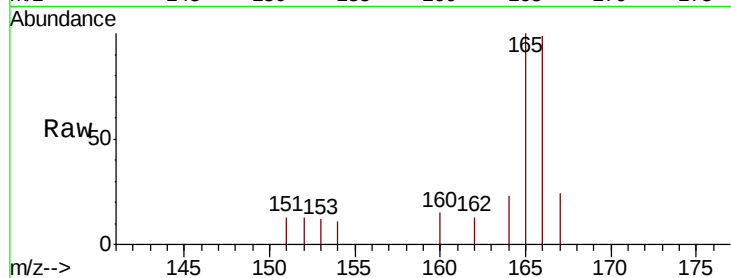
Tgt Ion:166 Resp: 682

Ion Ratio Lower Upper

166 100

165 100.6 78.0 117.0

167 24.1 12.2 18.4#



#17

Pyrene

Concen: 136.926 ng/ul

RT: 19.44 min Scan# 4214

Delta R.T. 0.01 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

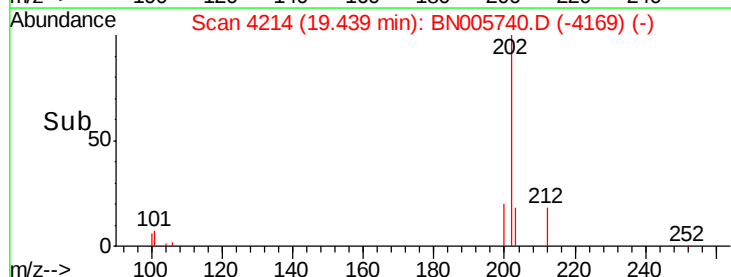
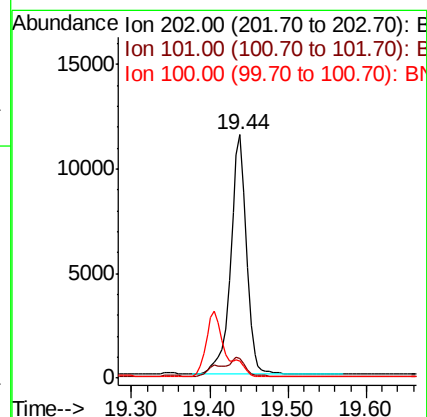
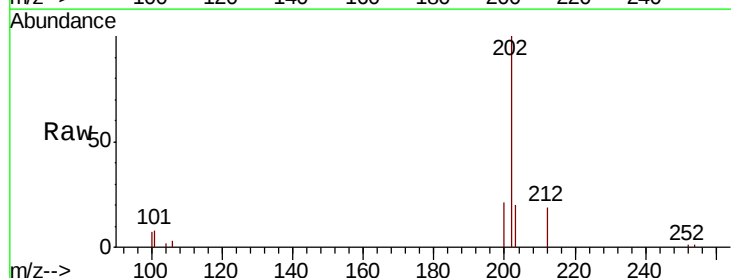
Tgt Ion:202 Resp: 16181

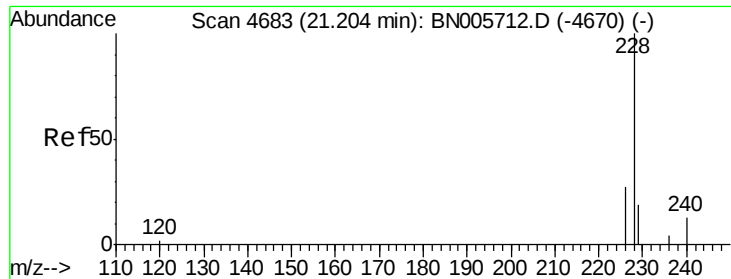
Ion Ratio Lower Upper

202 100

101 8.1 8.5 12.7#

100 6.8 6.9 10.3#





#18

Benzo(a)anthracene

Concen: 12.898 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.19 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

ClientSampleId :

A51A8

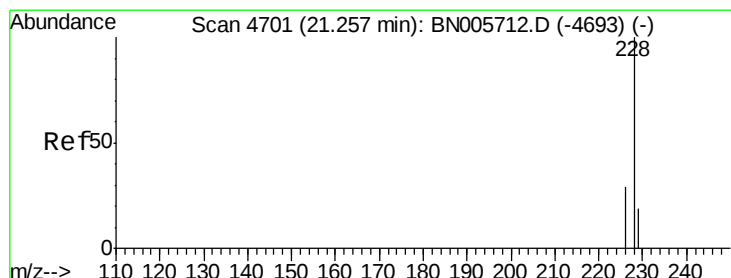
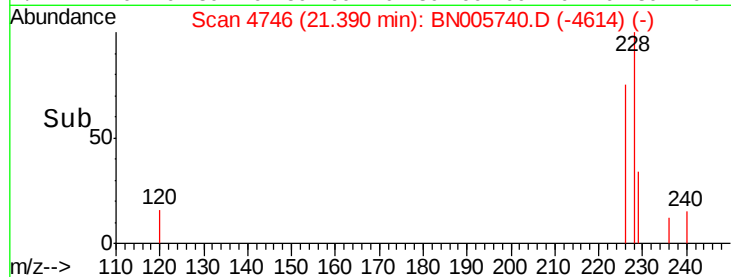
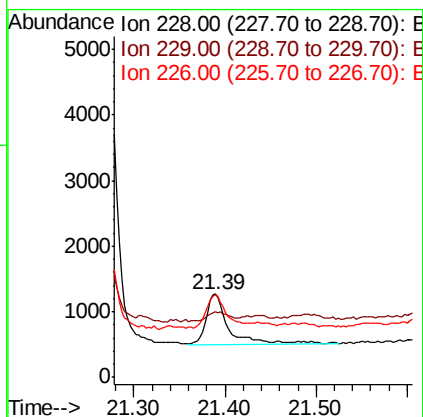
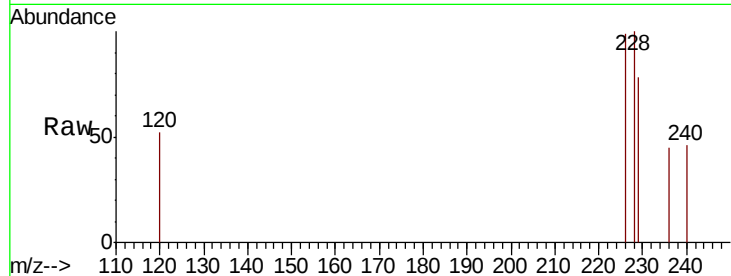
Tgt Ion:228 Resp: 1423

Ion Ratio Lower Upper

228 100

229 78.1 15.8 23.8#

226 99.0 21.7 32.5#



#19

Chrysene

Concen: 9.256 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.13 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

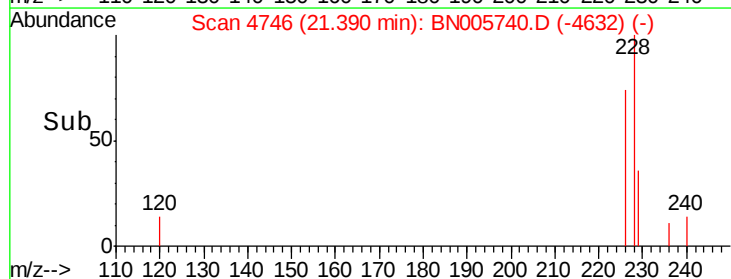
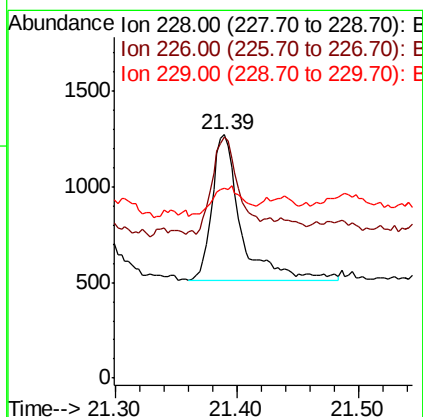
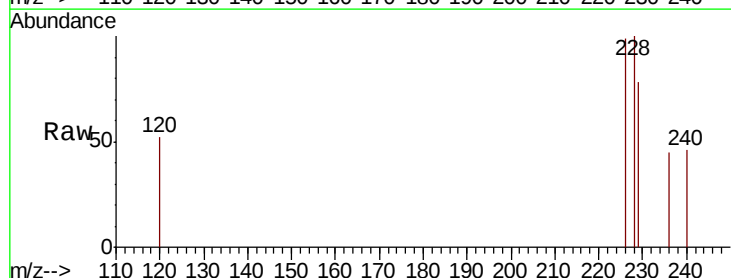
Tgt Ion:228 Resp: 1254

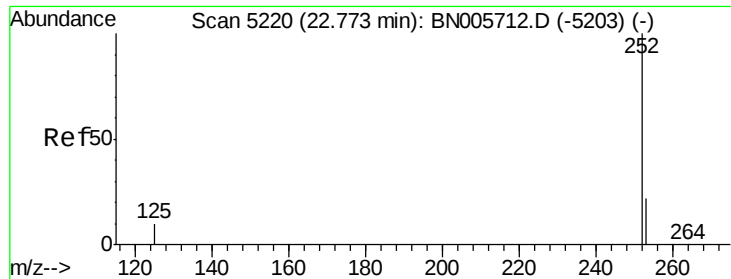
Ion Ratio Lower Upper

228 100

226 99.0 23.2 34.8#

229 78.1 16.0 24.0#





#21

Benzo(b)fluoranthene

Concen: 0.892 ng/ul

RT: 22.80 min Scan# 5229

Delta R.T. 0.03 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

BNA_N

ClientSampleId :

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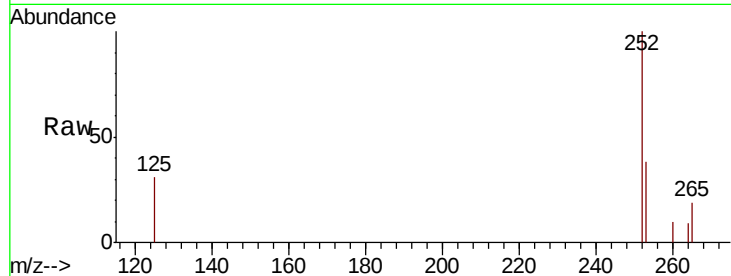
Tgt Ion:252 Resp: 15405

Ion Ratio Lower Upper

252 100

253 38.3 0.0 47.6

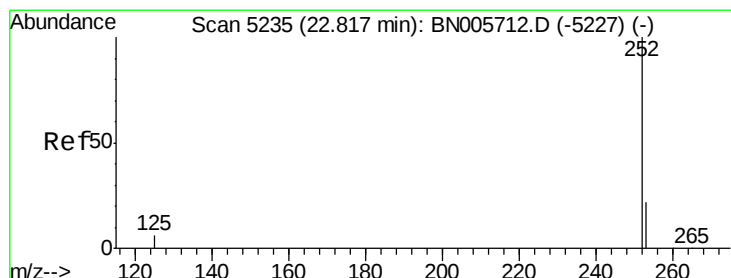
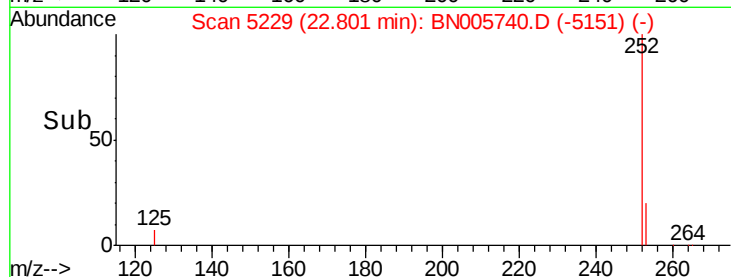
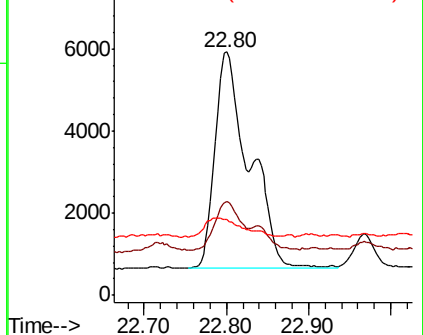
125 31.0 0.0 20.8#



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: 0.712 ng/ul

RT: 22.80 min Scan# 5229

Delta R.T. -0.02 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

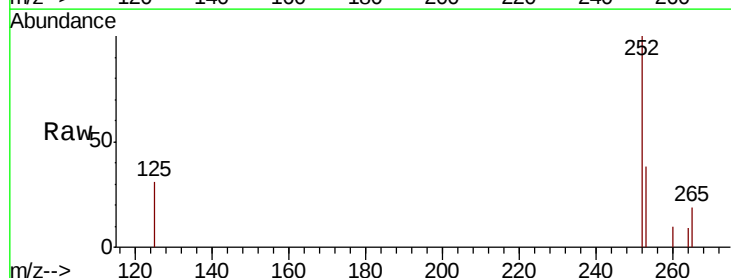
Tgt Ion:252 Resp: 15405

Ion Ratio Lower Upper

252 100

253 38.3 18.8 28.2#

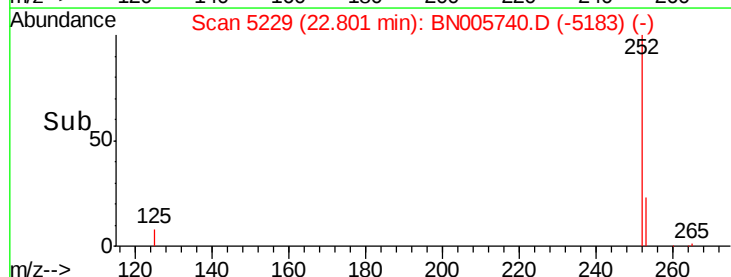
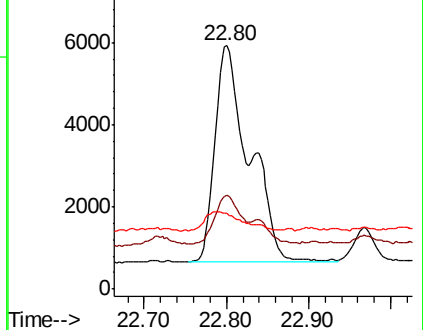
125 31.0 7.6 11.4#

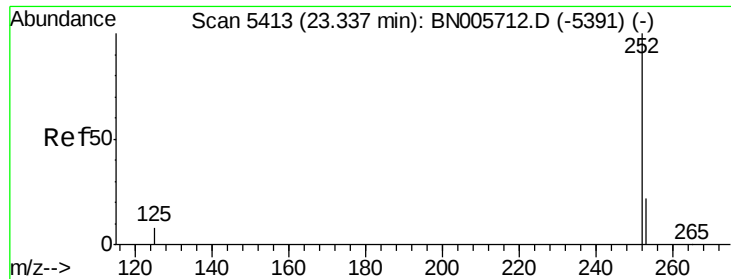


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.375 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. 0.02 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

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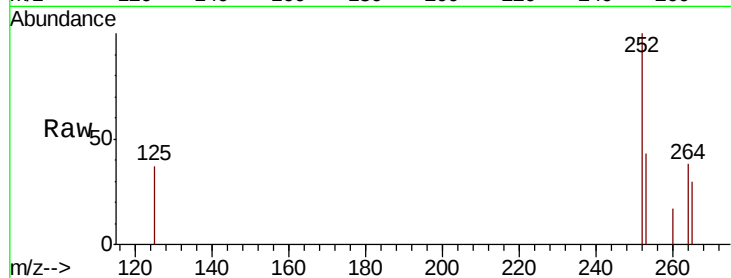
Tgt Ion:252 Resp: 7225

Ion Ratio Lower Upper

252 100

253 42.5 19.6 29.4#

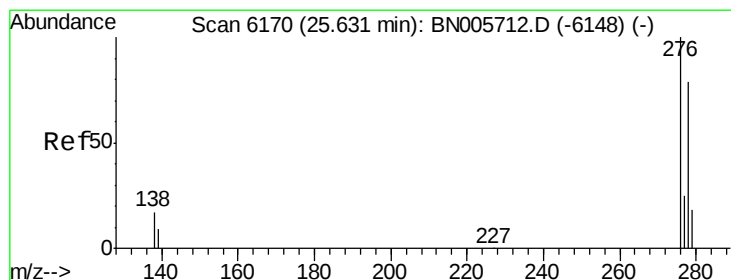
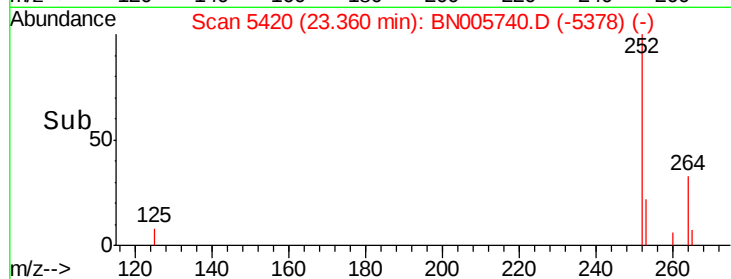
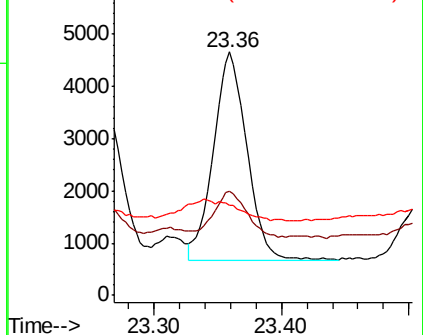
125 36.9 10.1 15.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.244 ng/ul

RT: 25.68 min Scan# 6183

Delta R.T. 0.05 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

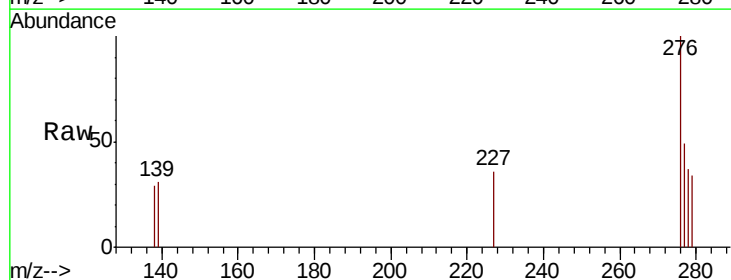
Tgt Ion:276 Resp: 5262

Ion Ratio Lower Upper

276 100

138 13.9 15.8 23.8#

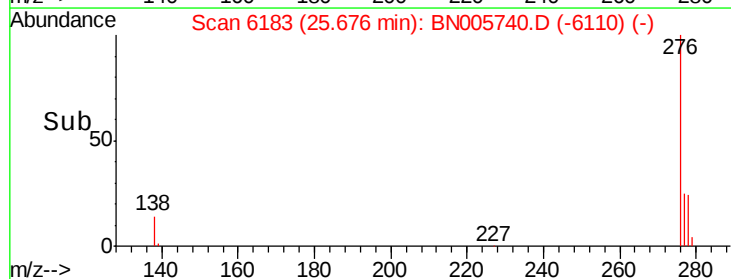
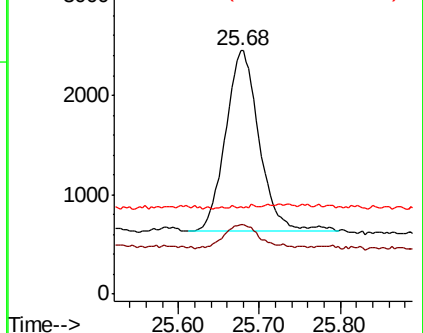
227 0.6 0.1 0.1#

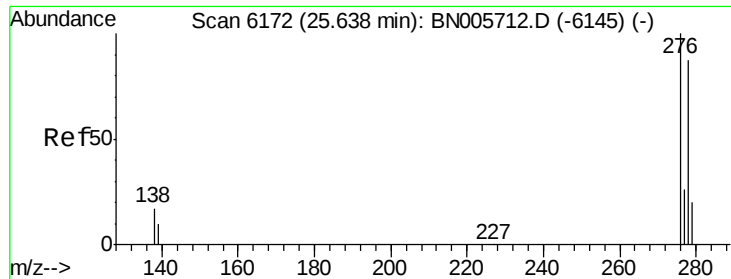


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.082 ng/ul

RT: 25.68 min Scan# 6183

Delta R.T. 0.04 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

Instrument :

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A51A8

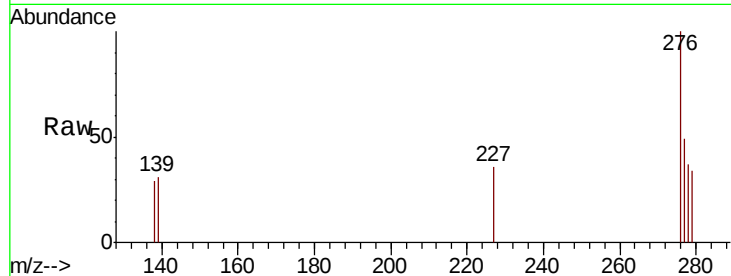
Tgt Ion: 278 Resp: 1455

Ion Ratio Lower Upper

278 100

139 84.0 12.4 18.6#

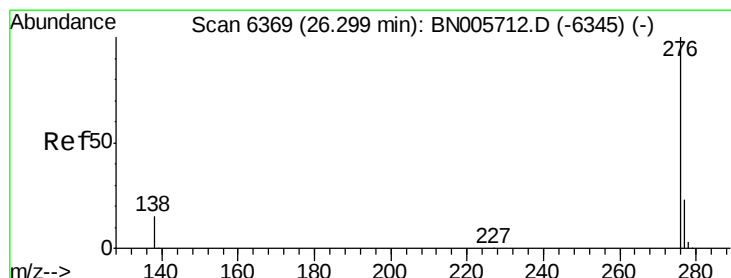
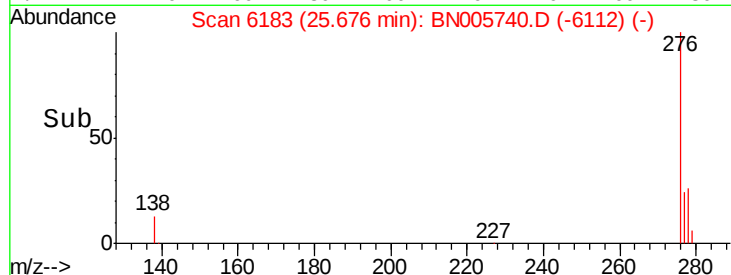
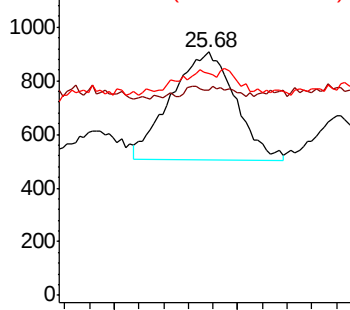
279 91.3 21.0 31.4#



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: 0.199 ng/ul

RT: 26.35 min Scan# 6385

Delta R.T. 0.06 min

Lab File: BN005740.D

Acq: 17 May 2019 21:18

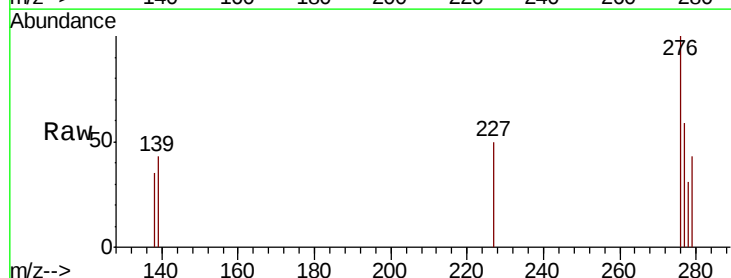
Tgt Ion: 276 Resp: 3658

Ion Ratio Lower Upper

276 100

138 34.6 15.6 23.4#

277 58.5 20.6 31.0#



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

