

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041819\
 Data File : BN005151.D
 Acq On : 18 Apr 2019 13:16
 Operator : JU/SJ
 Sample : K2365-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2G53

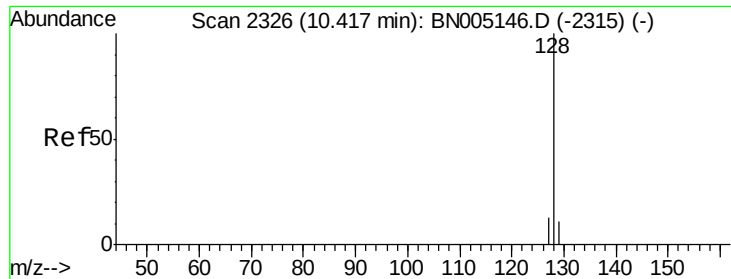
Quant Time: Apr 19 05:05:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 11:57:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2787	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	9952	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	5398	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	12645	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	10807	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	10901	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5615	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	13489	0.38	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.42	128	9049	0.329	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	11184	0.573	ng/ul	100
7) Acenaphthylene	13.95	152	6862	0.253	ng/ul	99
9) Fluorene	15.30	166	12714	0.542	ng/ul	98
11) Pentachlorophenol	16.64	266	3347	1.091	ng/ul	99
12) Phenanthrene	17.03	178	13261	0.337	ng/ul	100
13) Anthracene	17.12	178	18769	0.523	ng/ul	99
15) Fluoranthene	19.06	202	13347	0.300	ng/ul	99
17) Pyrene	19.42	202	17096	0.367	ng/ul	99
18) Benzo(a)anthracene	21.19	228	19863	0.482	ng/ul	99
19) Chrysene	21.24	228	21189	0.500	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	31578	0.752	ng/ul	98
22) Benzo(k)fluoranthene	22.78	252	13768	0.333	ng/ul	99
23) Benzo(a)pyrene	23.29	252	12377	0.332	ng/ul	100
25) Dibenzo(a,h)anthracene	25.58	278	27831	0.823	ng/ul	99
26) Benzo(g,h,i)perylene	26.21	276	12440	0.353	ng/ul	99

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



#3

Naphthalene

Concen: 0.329 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

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X2G53

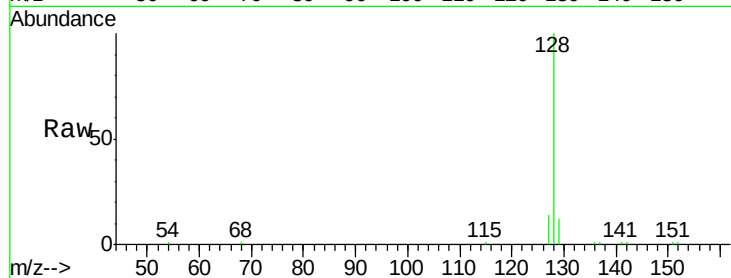
Tgt Ion:128 Resp: 9049

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

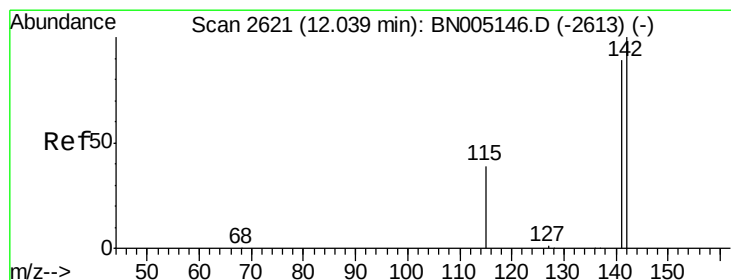
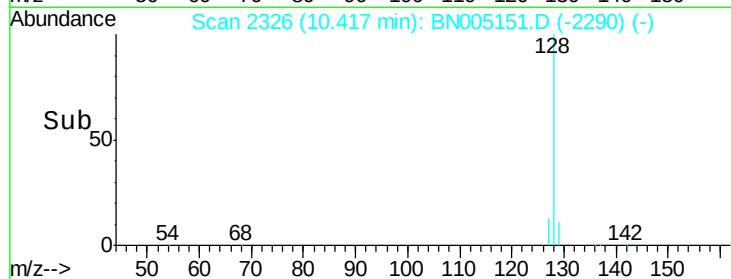
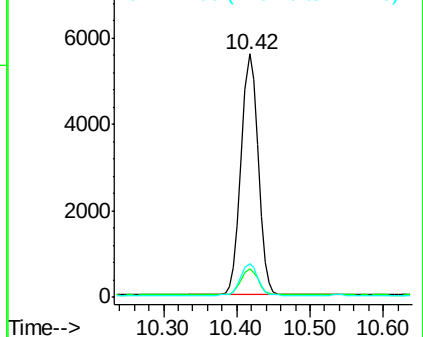
127 13.8 11.2 16.8



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: 0.573 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BN005151.D

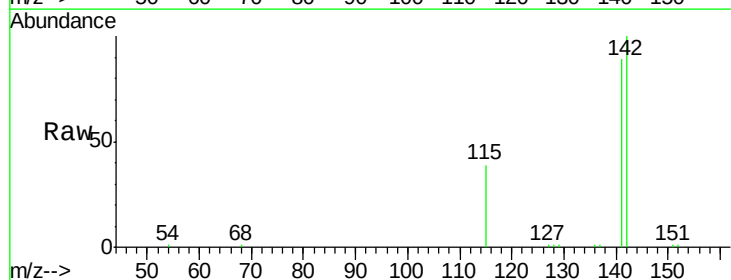
Acq: 18 Apr 2019 13:16

Tgt Ion:142 Resp: 11184

Ion Ratio Lower Upper

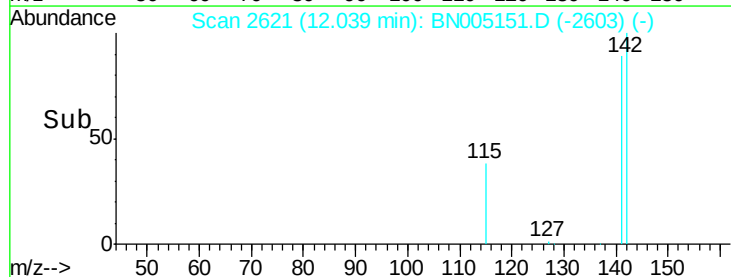
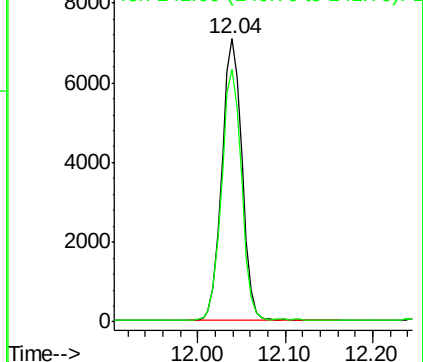
142 100

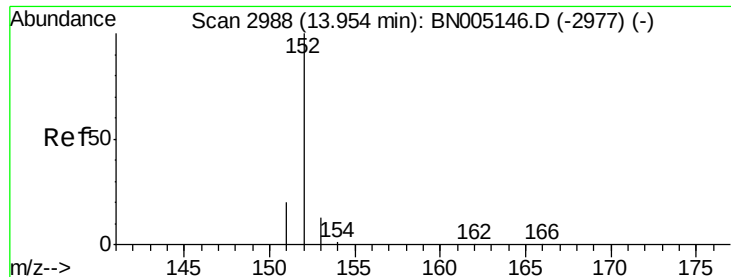
141 88.7 71.0 106.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.253 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

Instrument :

BNA_N

ClientSampleId :

X2G53

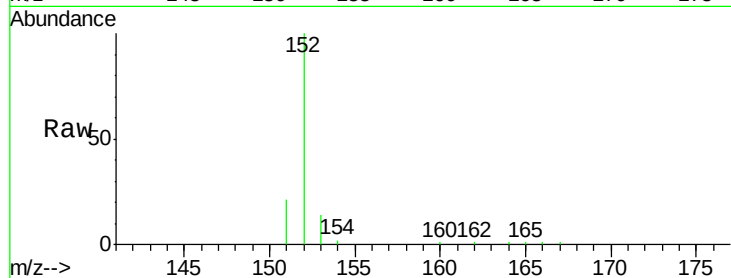
Tgt Ion:152 Resp: 6862

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

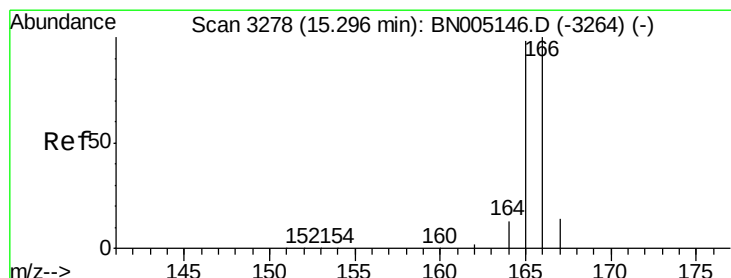
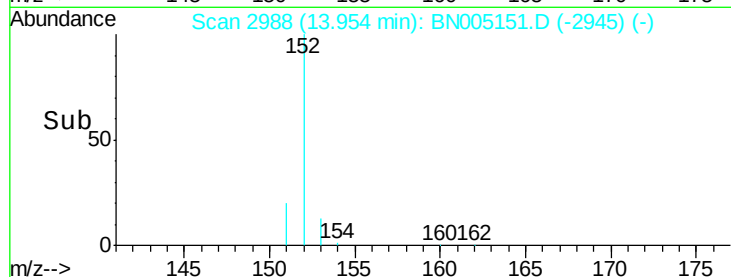
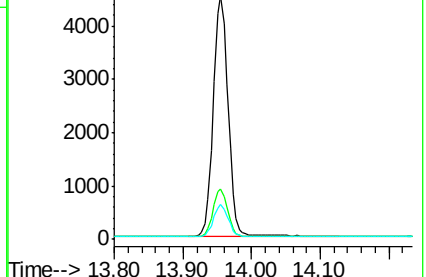
153 14.2 11.0 16.4



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



#9

Fluorene

Concen: 0.542 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

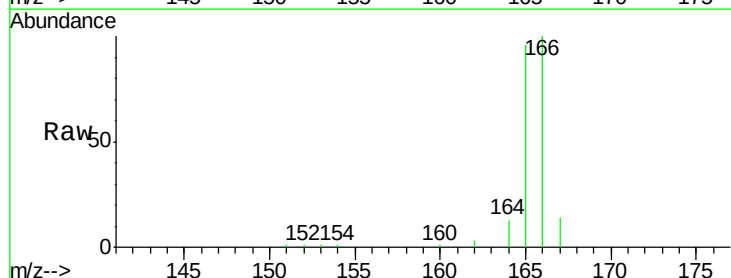
Tgt Ion:166 Resp: 12714

Ion Ratio Lower Upper

166 100

165 96.1 78.5 117.7

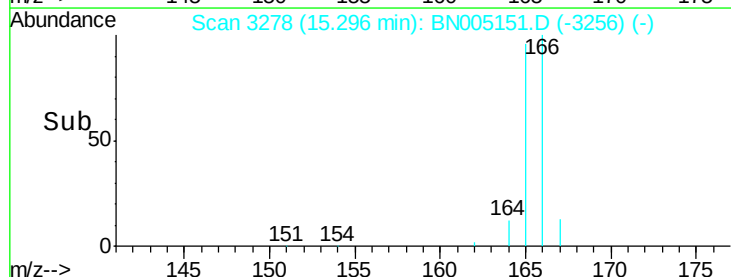
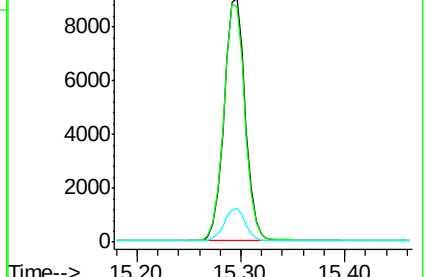
167 13.7 11.4 17.0

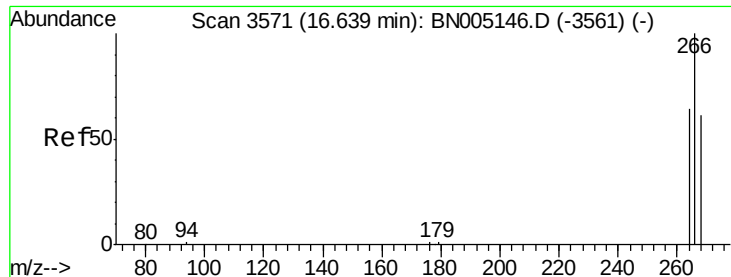


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

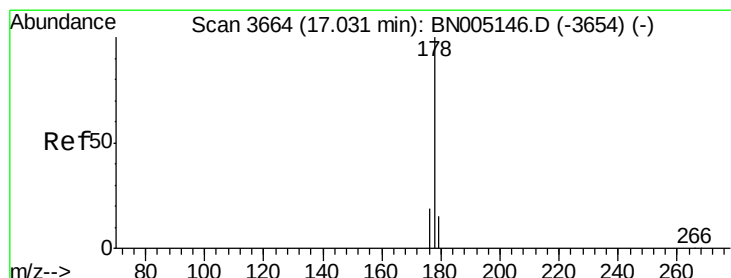
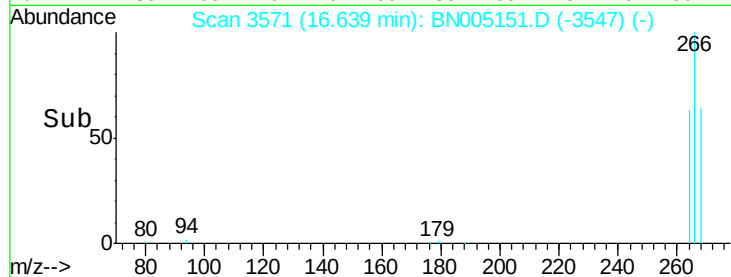
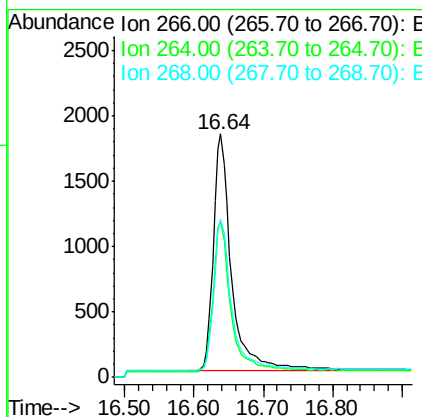
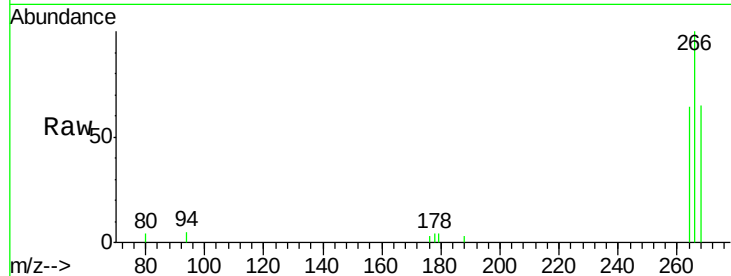




#11
 Pentachlorophenol
 Concen: 1.091 ng/ul
 RT: 16.64 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: BN005151.D
 Acq: 18 Apr 2019 13:16

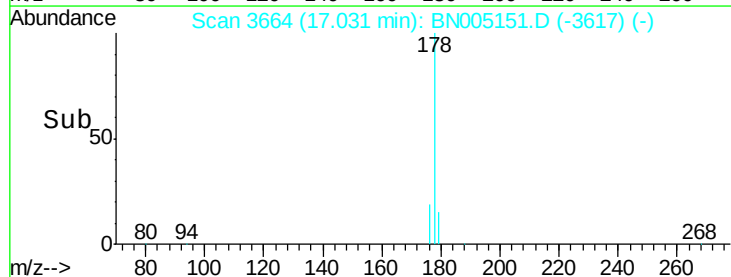
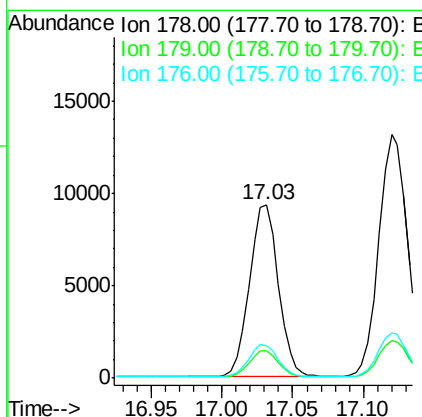
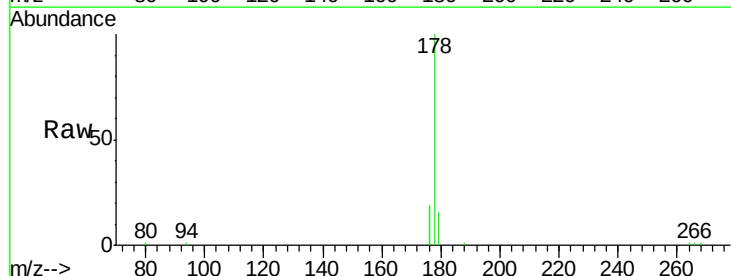
Instrument :
 BNA_N
 ClientSampleId :
 X2G53

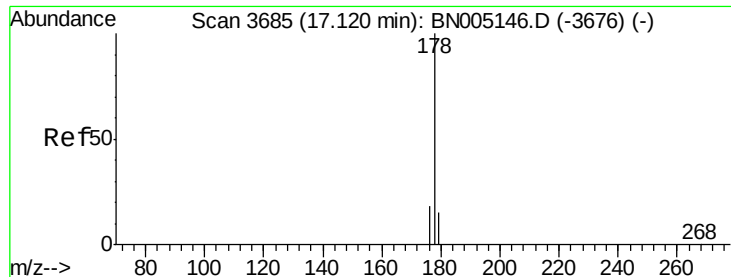
Tgt Ion: 266 Resp: 3347
 Ion Ratio Lower Upper
 266 100
 264 61.8 49.6 74.4
 268 63.4 49.5 74.3



#12
 Phenanthrene
 Concen: 0.337 ng/ul
 RT: 17.03 min Scan# 3664
 Delta R.T. 0.00 min
 Lab File: BN005151.D
 Acq: 18 Apr 2019 13:16

Tgt Ion: 178 Resp: 13261
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.6 19.0
 176 19.1 15.3 22.9





#13

Anthracene

Concen: 0.523 ng/ul

RT: 17.12 min Scan# 3685

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

Instrument :

BNA_N

ClientSampleId :

X2G53

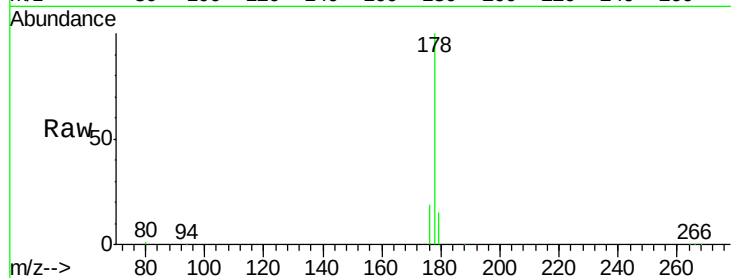
Tgt Ion:178 Resp: 18769

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

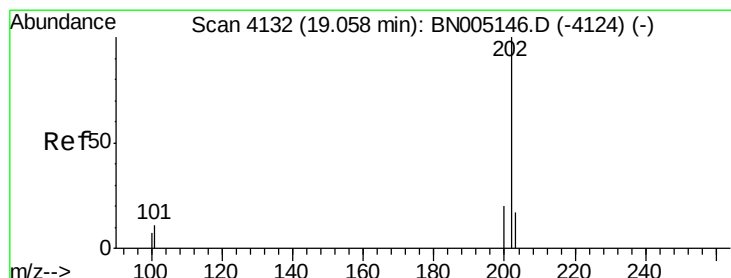
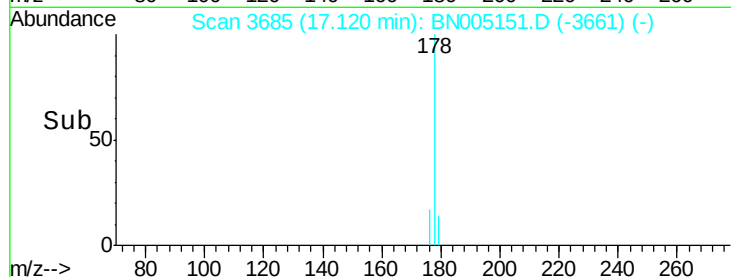
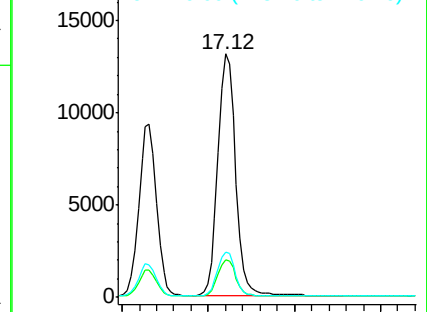
176 18.6 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.300 ng/ul

RT: 19.06 min Scan# 4132

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

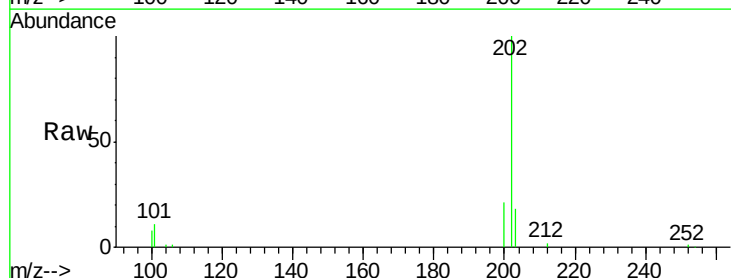
Tgt Ion:202 Resp: 13347

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.7

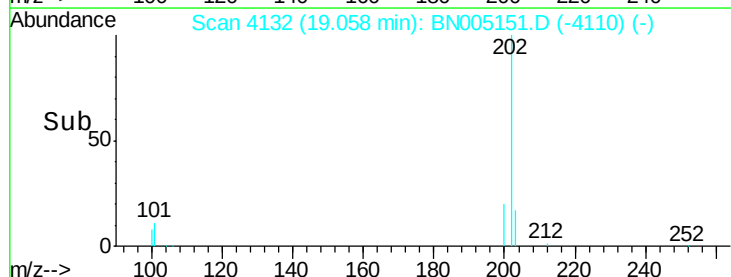
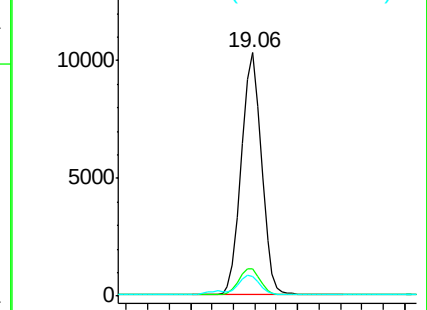
100 8.0 0.0 28.6

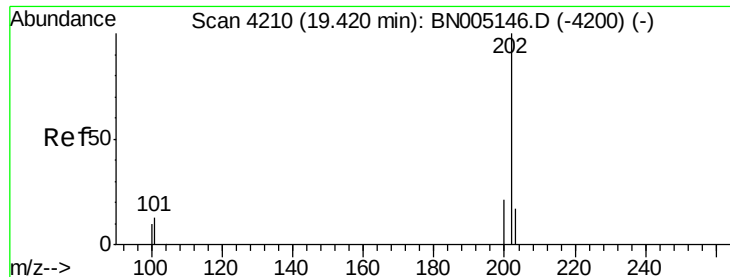


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

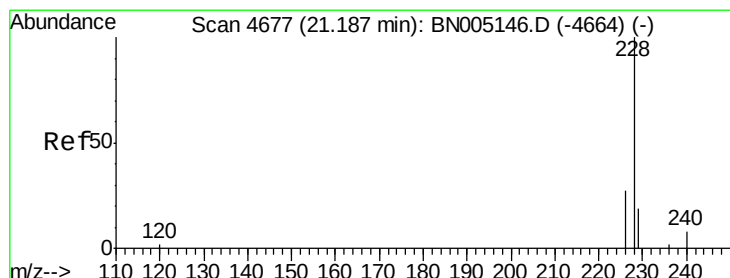
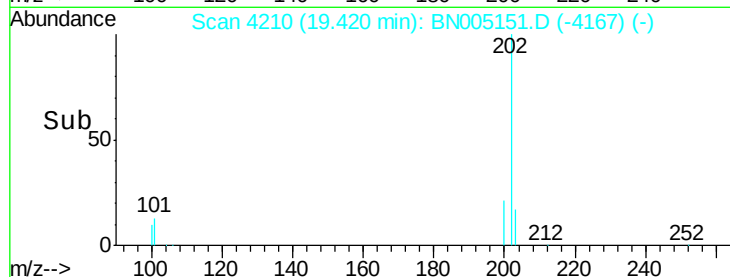
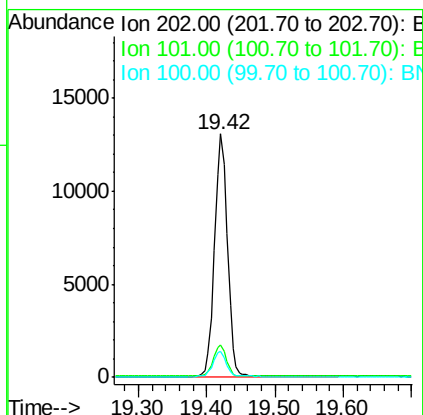
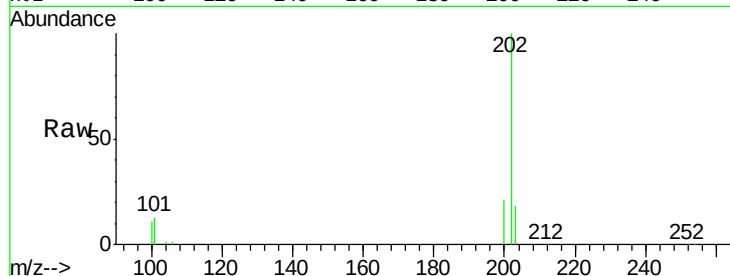




#17
 Pyrene
 Concen: 0.367 ng/ul
 RT: 19.42 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: BN005151.D
 Acq: 18 Apr 2019 13:16

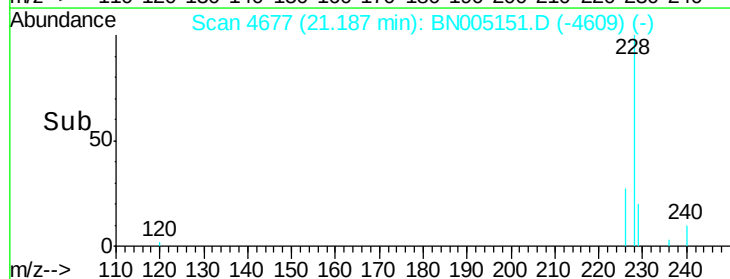
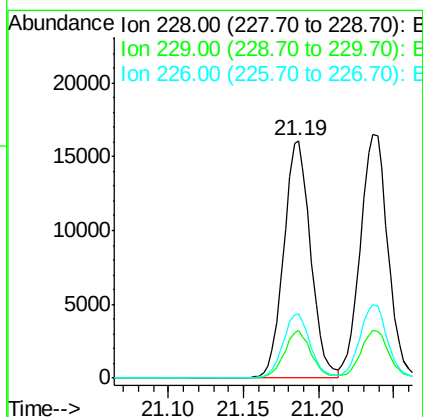
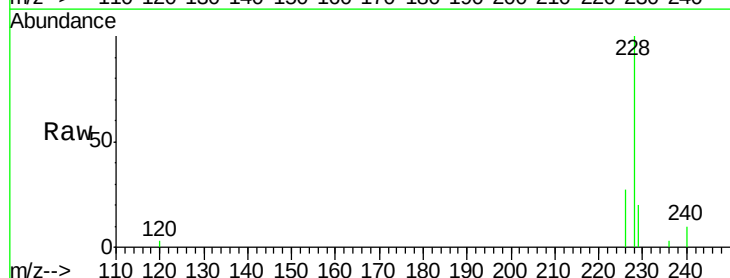
Instrument :
 BNA_N
 ClientSampleId :
 X2G53

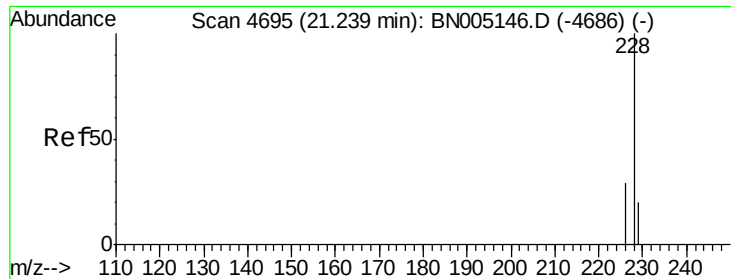
Tgt Ion:202 Resp: 17096
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.9 16.3
 100 10.5 8.6 13.0



#18
 Benzo(a)anthracene
 Concen: 0.482 ng/ul
 RT: 21.19 min Scan# 4677
 Delta R.T. 0.00 min
 Lab File: BN005151.D
 Acq: 18 Apr 2019 13:16

Tgt Ion:228 Resp: 19863
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.5 23.3
 226 27.0 22.0 33.0





#19

Chrysene

Concen: 0.500 ng/ul

RT: 21.24 min Scan# 4694

Delta R.T. -0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

Instrument :

BNA_N

ClientSampleId :

X2G53

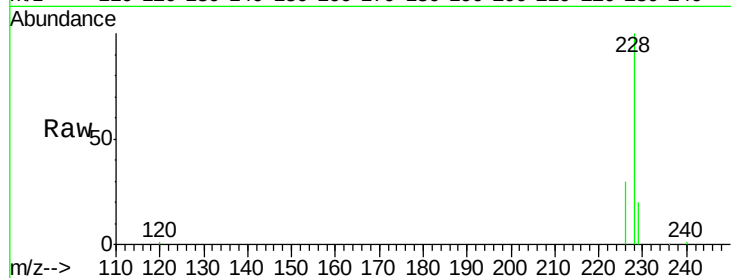
Tgt Ion:228 Resp: 21189

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

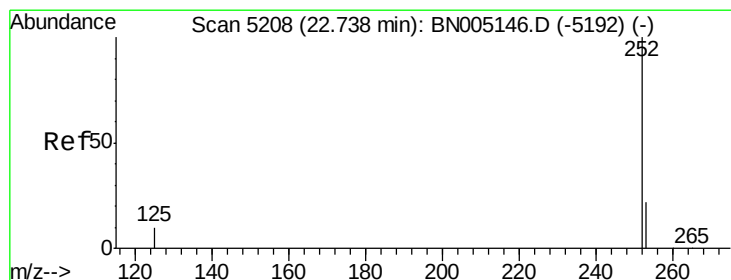
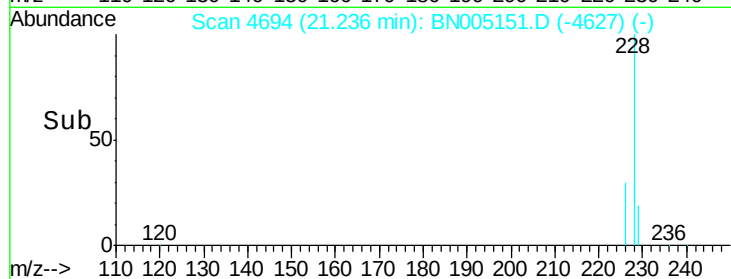
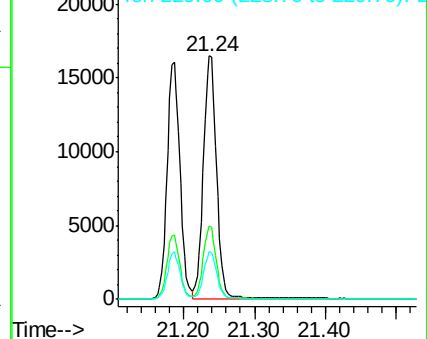
229 19.6 16.0 24.0



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: 0.752 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

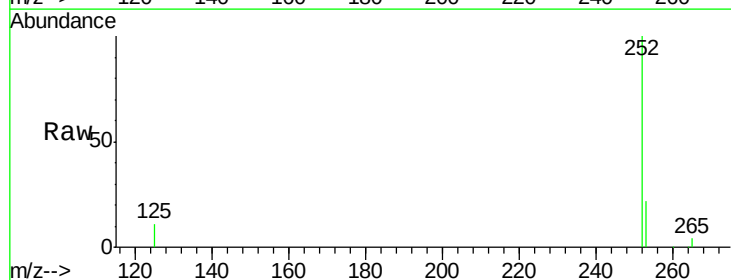
Tgt Ion:252 Resp: 31578

Ion Ratio Lower Upper

252 100

253 22.4 0.0 47.0

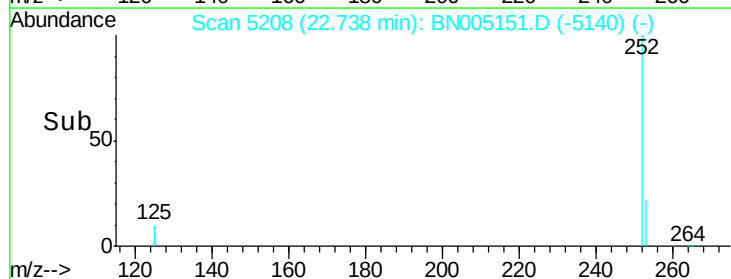
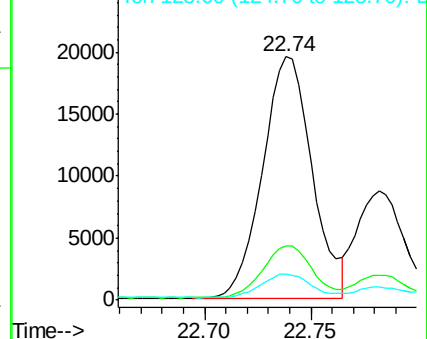
125 10.9 0.0 23.4

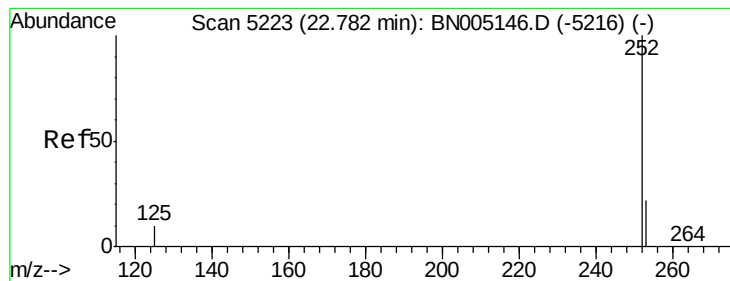


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.333 ng/ul

RT: 22.78 min Scan# 5223

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

Instrument :

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X2G53

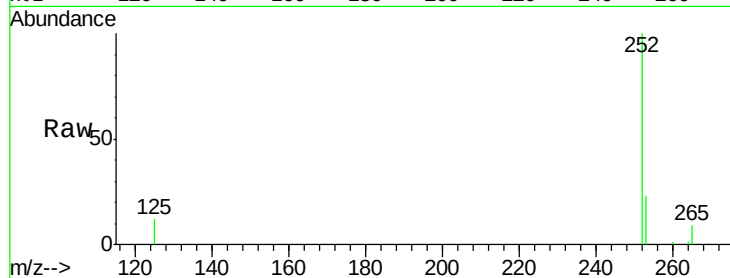
Tgt Ion:252 Resp: 13768

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

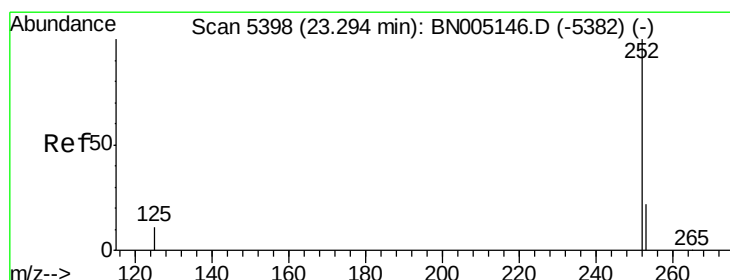
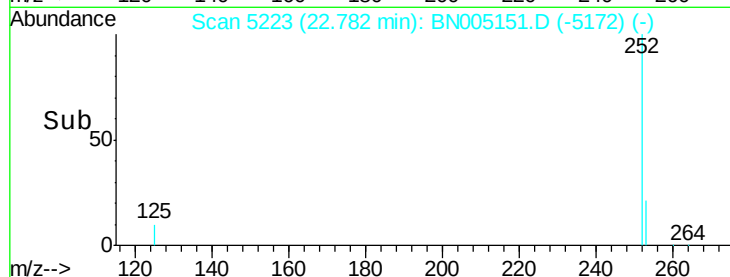
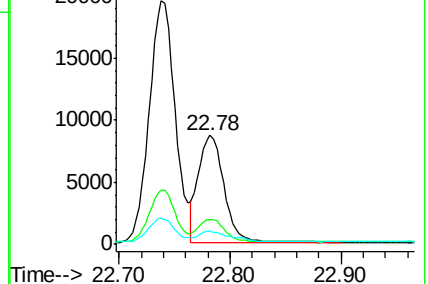
125 12.3 9.4 14.2



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: 0.332 ng/ul

RT: 23.29 min Scan# 5398

Delta R.T. 0.00 min

Lab File: BN005151.D

Acq: 18 Apr 2019 13:16

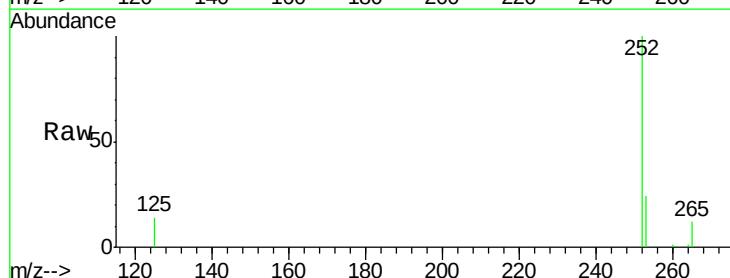
Tgt Ion:252 Resp: 12377

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

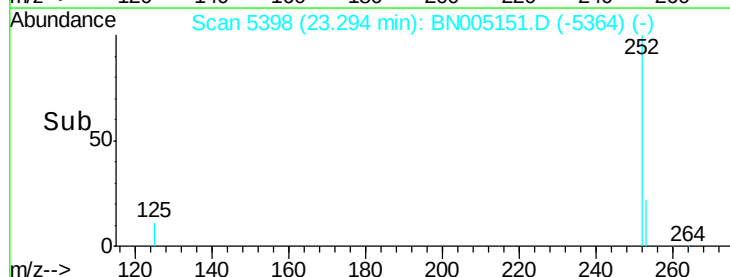
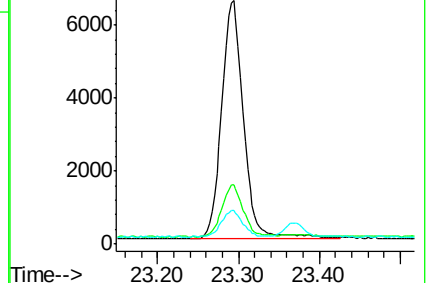
125 13.8 10.8 16.2

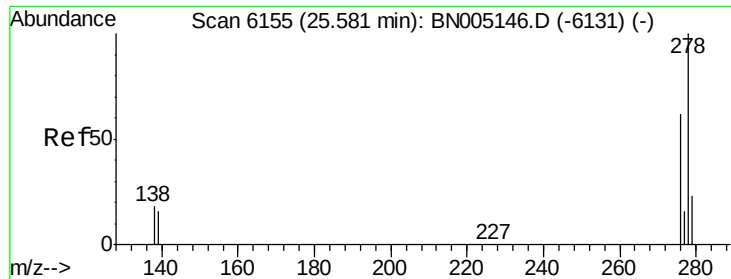


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



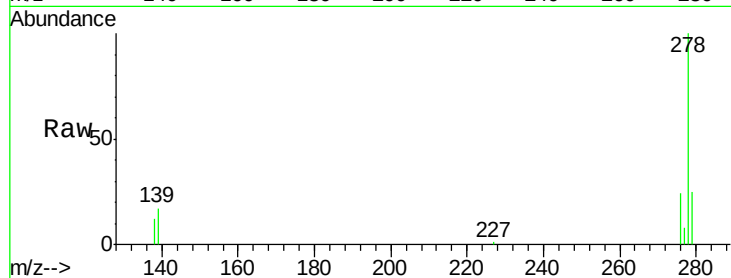


#25
Dibenzo(a,h)anthracene
Concen: 0.823 ng/ul
RT: 25.58 min Scan# 6155
Delta R.T. 0.00 min
Lab File: BN005151.D
Acq: 18 Apr 2019 13:16

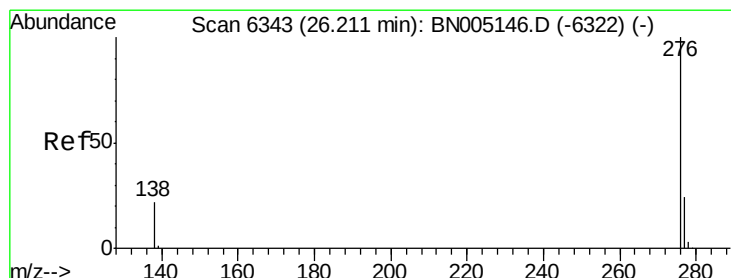
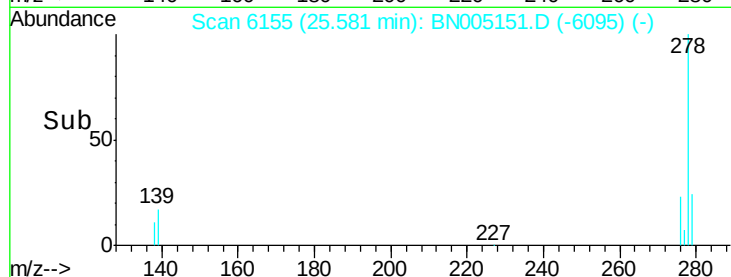
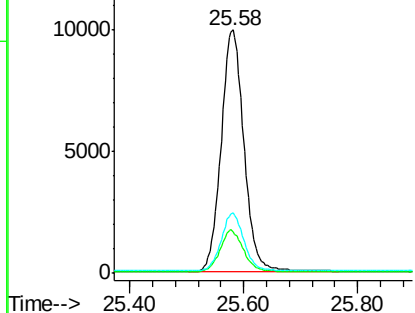
Instrument :
BNA_N
ClientSampleId :
X2G53

Tgt Ion: 278 Resp: 27831

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.0	21.0
279	24.8	20.1	30.1



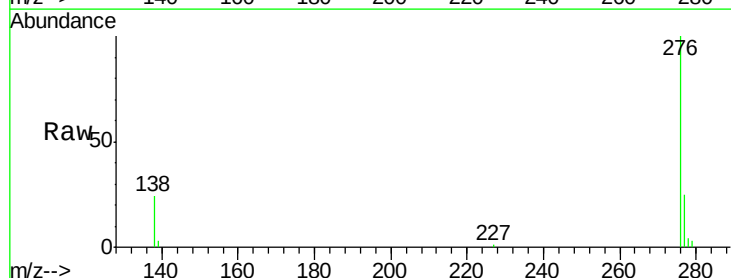
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.21 min Scan# 6343
Delta R.T. 0.00 min
Lab File: BN005151.D
Acq: 18 Apr 2019 13:16

Tgt Ion: 276 Resp: 12440

Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.5	27.7
277	25.4	19.8	29.8



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

