

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006782.D
 Acq On : 10 Jul 2019 22:18
 Operator : HP/JU
 Sample : K3596-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:01:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 14:44:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2670	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9797	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	5158	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	671403	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	14201	0.40	ng/ul	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	3860	0.26	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

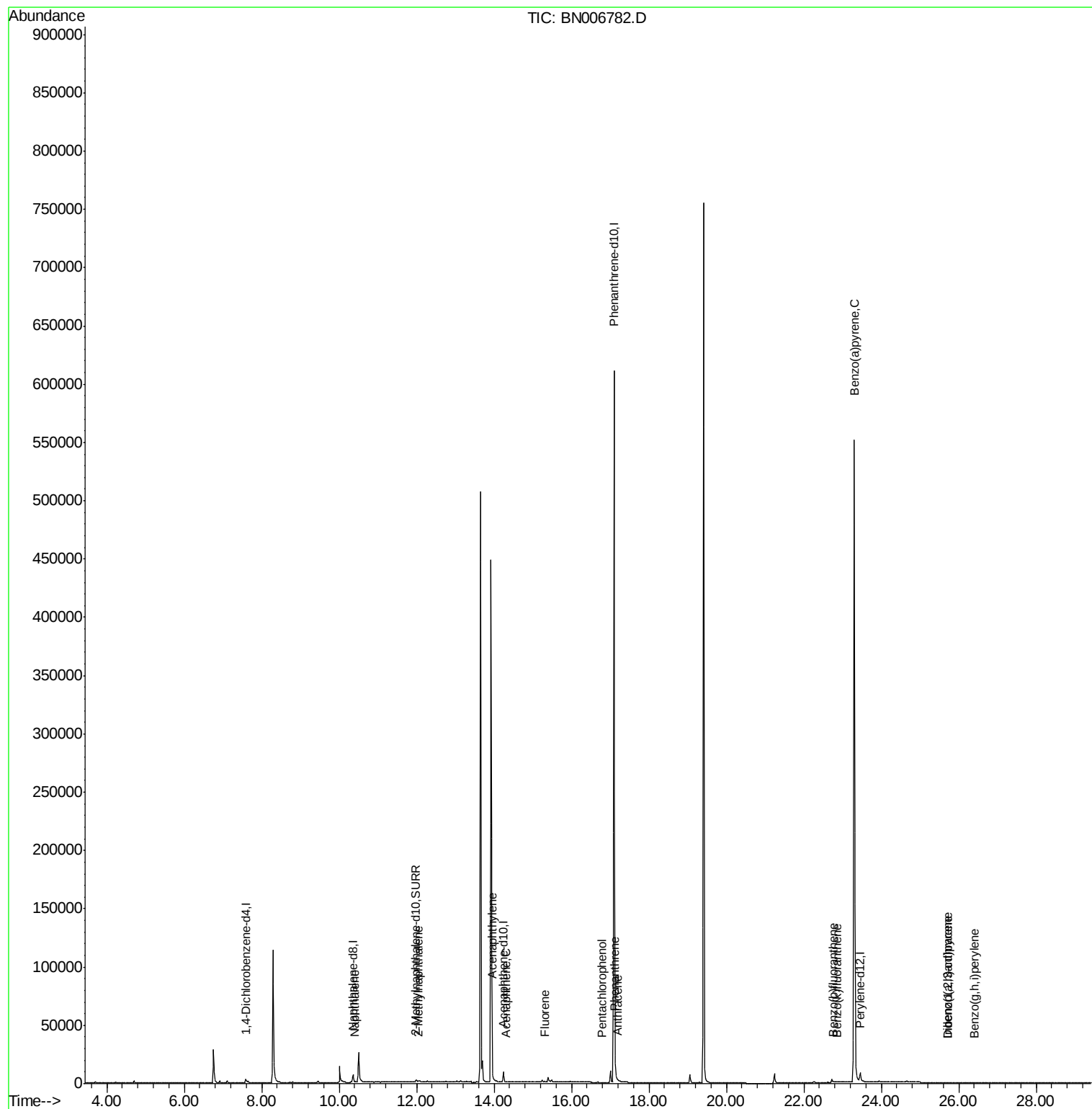
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.41	128	1304	0.046	ng/ul#	75
5) 2-Methylnaphthalene	12.06	142	1083	0.057	ng/ul	98
7) Acenaphthylene	13.95	152	185	0.007	ng/ul#	1
8) Acenaphthene	14.30	153	27	0.001	ng/ul#	57
9) Fluorene	15.30	166	245	0.011	ng/ul#	48
11) Pentachlorophenol	16.78	266	3	0.000	ng/ul#	1
12) Phenanthrene	17.13	178	348	0.000	ng/ul#	29
13) Anthracene	17.20	178	21	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.76	252	28	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	423	0.007	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	3195	0.056	ng/ul#	27
24) Indeno(1,2,3-cd)pyrene	25.72	276	567	0.010	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.72	278	382	0.008	ng/ul#	1
26) Benzo(g,h,i)perylene	26.40	276	564	0.012	ng/ul#	44

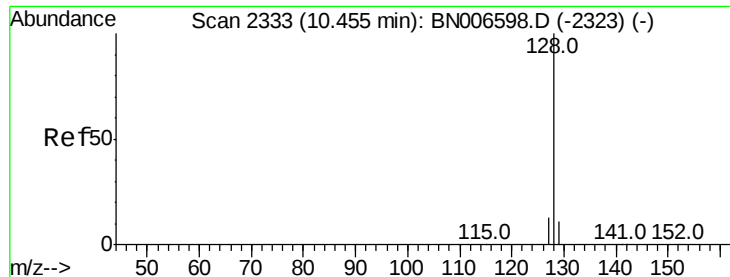
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.05 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

Instrument :

BNA_N

ClientSampleId :

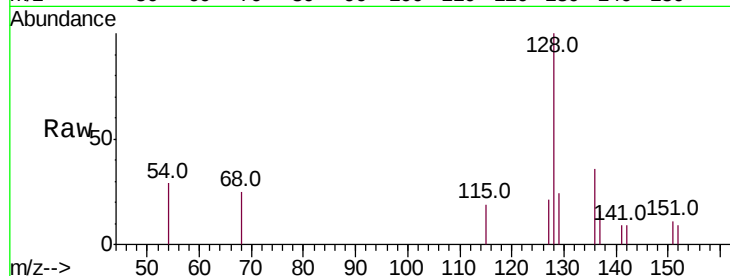
Tot Ion:128 Resp: 1304

Ion Ratio Lower Upper

128 100

129 24.0 9.4 14.0#

127 21.0 10.6 16.0#



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

10.41

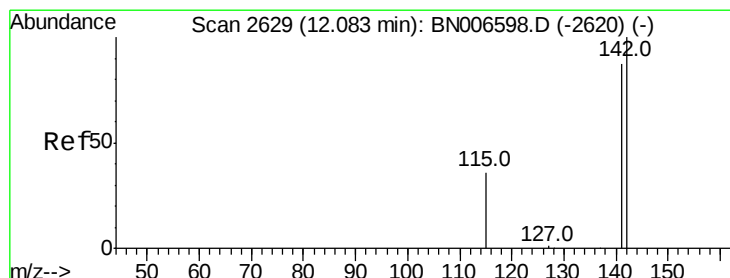
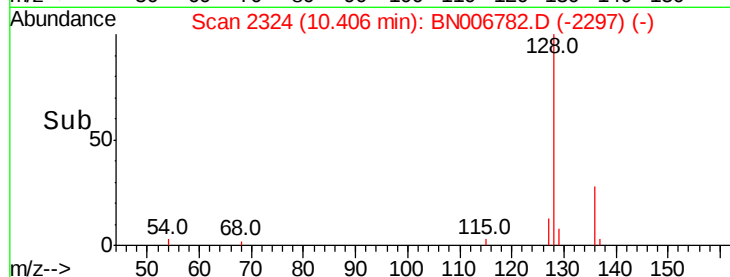
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.03 min

Lab File: BN006782.D

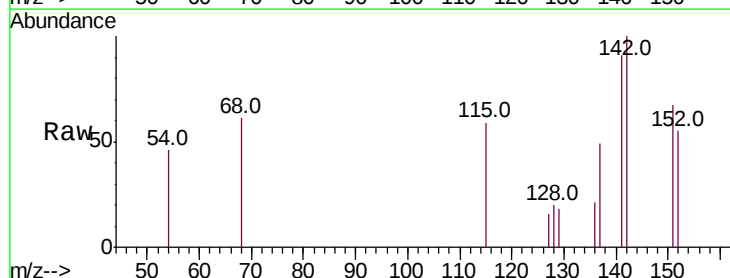
Acq: 10 Jul 2019 22:18

Tgt Ion:142 Resp: 1083

Ion Ratio Lower Upper

142 100

141 87.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.06

400

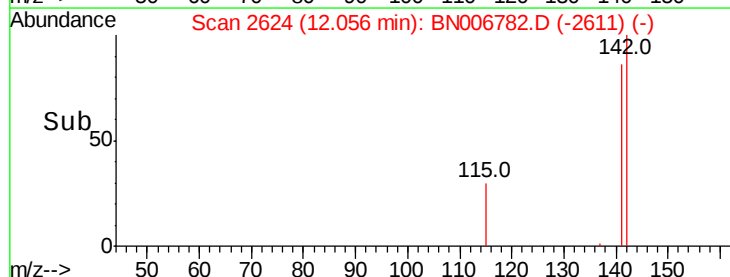
300

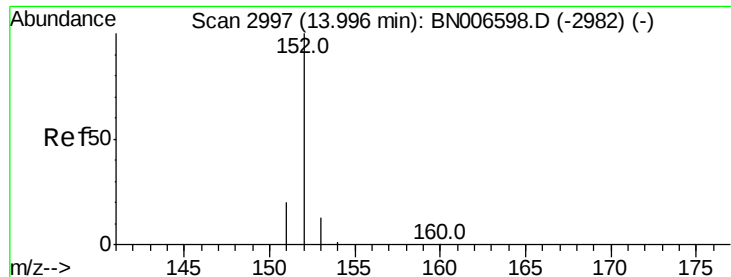
200

100

0

Time-->





#7

Acenaphthylene

Concen: 0.007 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.04 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

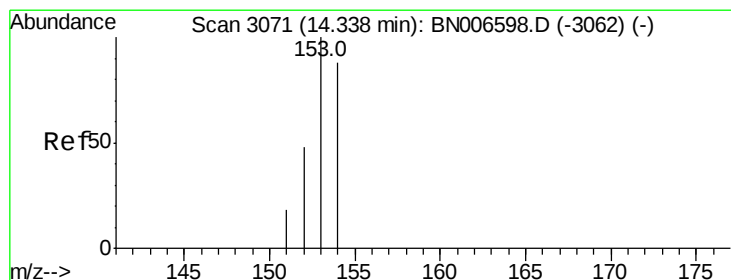
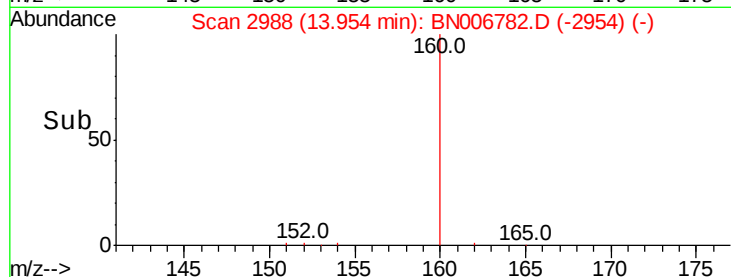
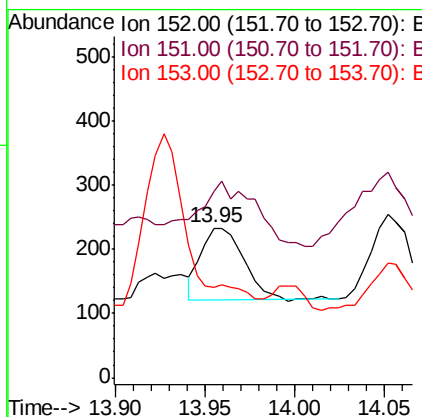
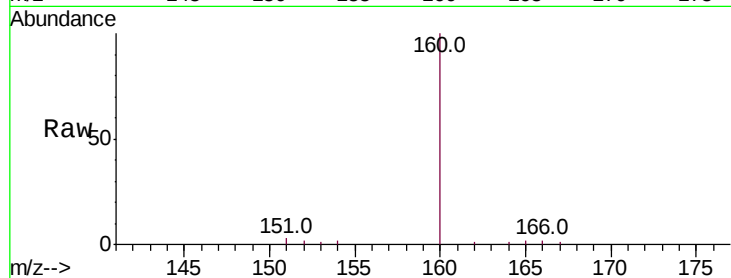
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 185

Ion	Ratio	Lower	Upper
152	100		
151	124.9	16.1	24.1#
153	60.5	11.2	16.8#



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.30 min Scan# 3062

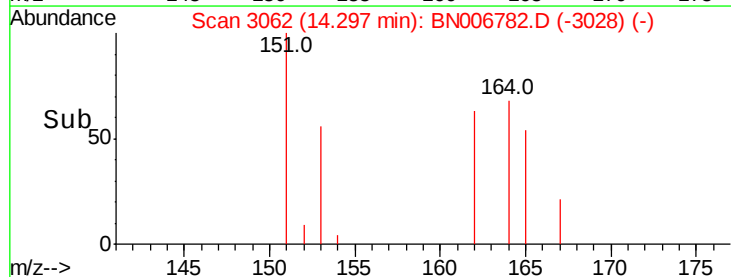
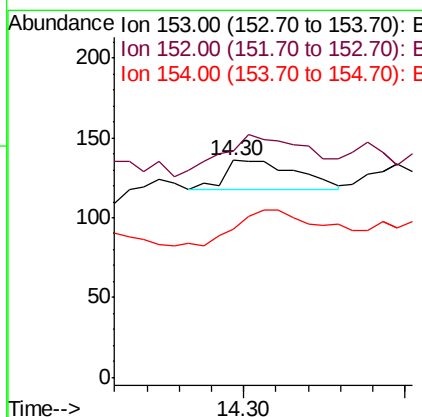
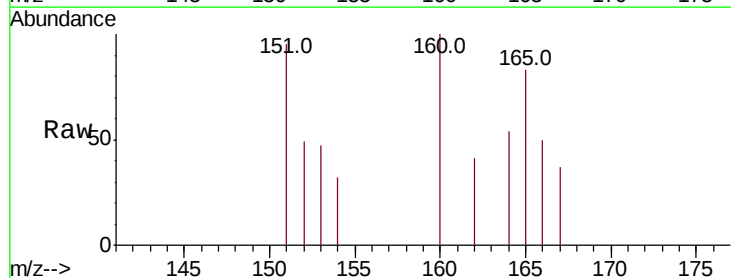
Delta R.T. -0.04 min

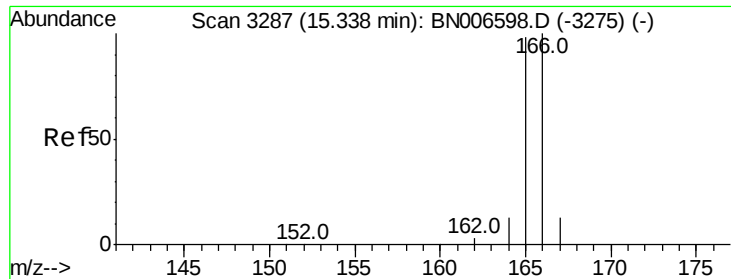
Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

Tgt Ion:153 Resp: 27

Ion	Ratio	Lower	Upper
153	100		
152	104.4	39.3	58.9#
154	68.4	70.6	105.8#





#9

Fluorene

Concen: 0.011 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

Instrument :

BNA_N

ClientSampleId :

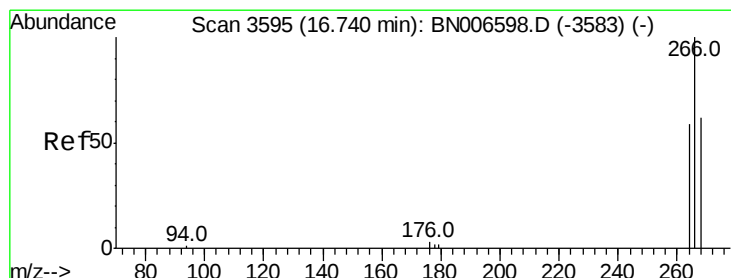
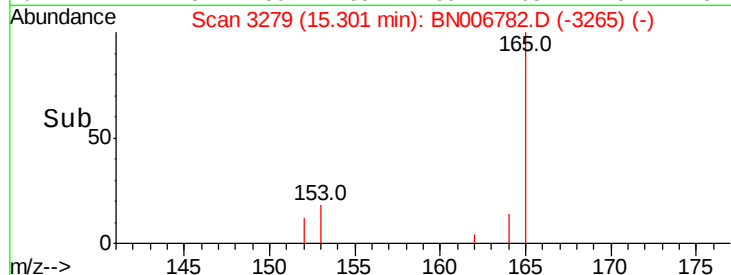
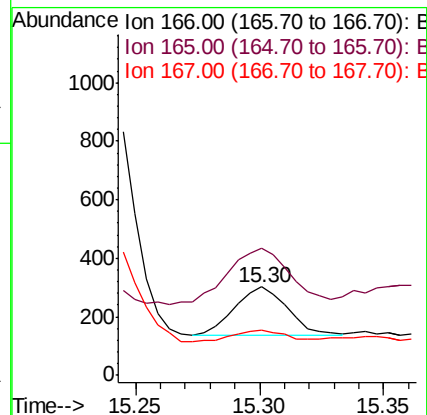
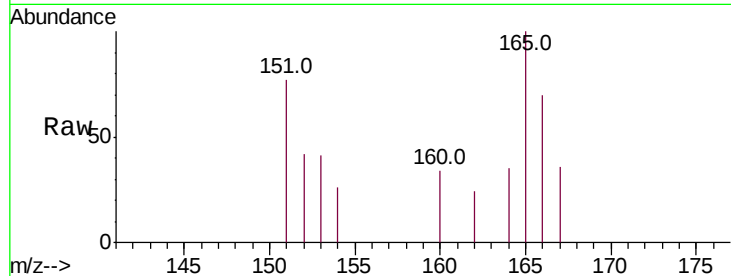
Tot Ion:166 Resp: 245

Ion Ratio Lower Upper

166 100

165 143.7 78.2 117.4#

167 51.3 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.78 min Scan# 3605

Delta R.T. 0.04 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

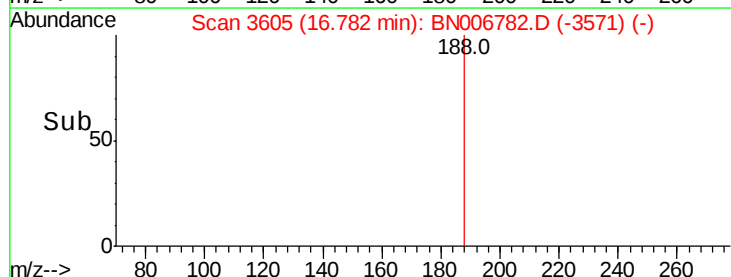
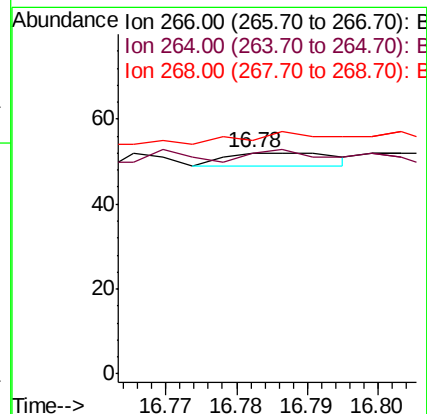
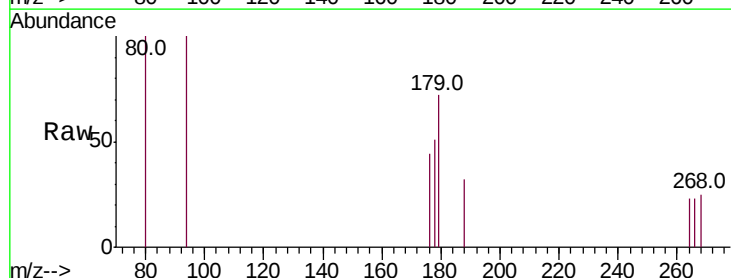
Tgt Ion:266 Resp: 3

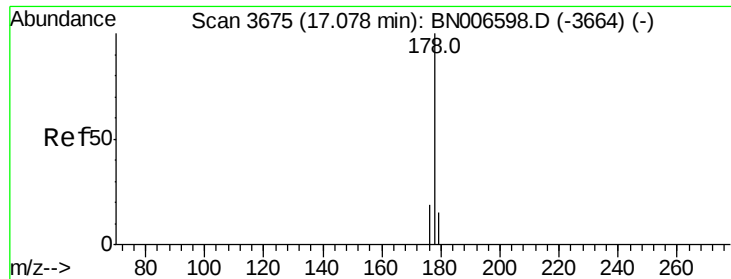
Ion Ratio Lower Upper

266 100

264 66.7 45.9 68.9

268 300.0 48.1 72.1#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.05 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

Instrument :

BNA_N

ClientSampleId :

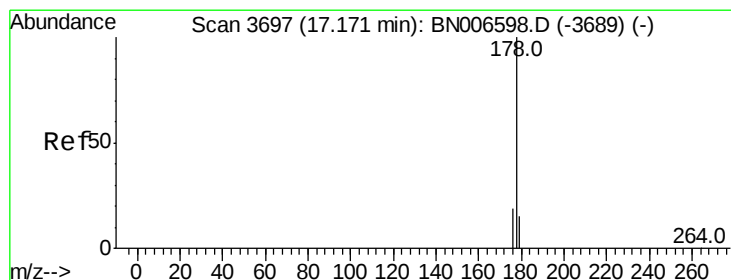
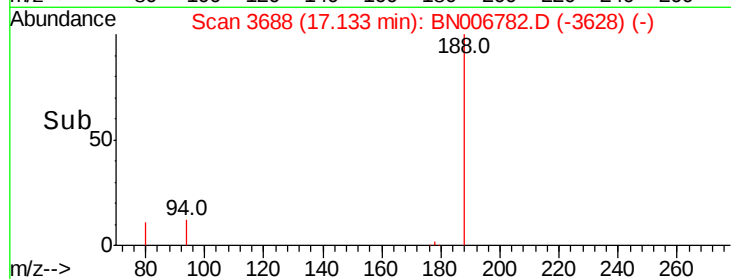
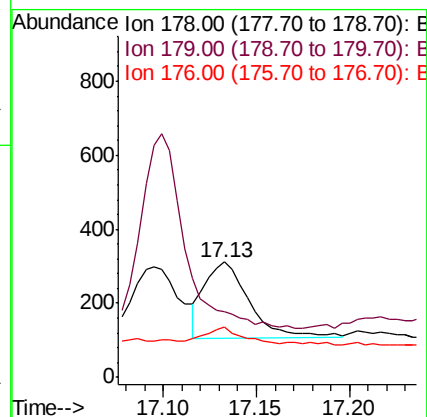
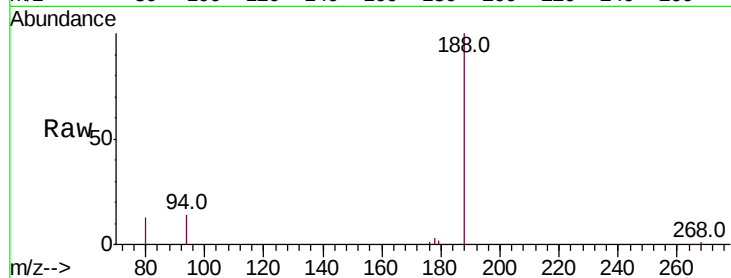
Tot Ion:178 Resp: 348

Ion Ratio Lower Upper

178 100

179 56.7 12.6 19.0#

176 43.3 15.8 23.8#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.20 min Scan# 3705

Delta R.T. 0.03 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

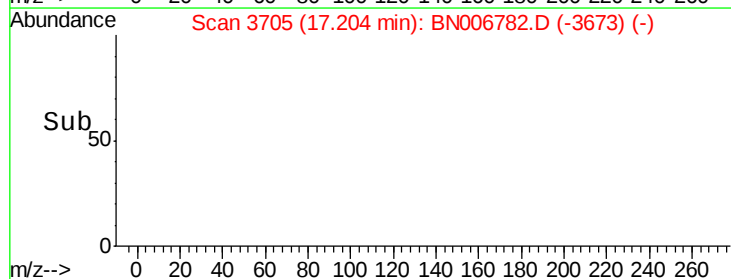
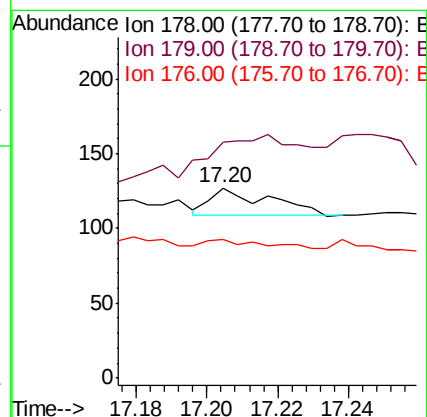
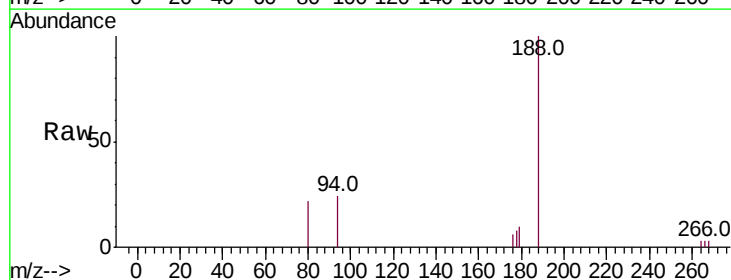
Tgt Ion:178 Resp: 21

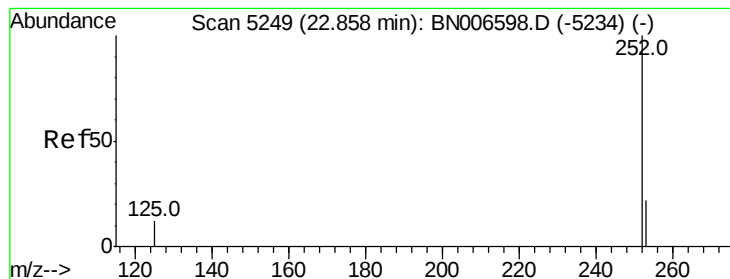
Ion Ratio Lower Upper

178 100

179 124.4 12.7 19.1#

176 73.2 15.8 23.6#





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 22.76 min Scan# 5216

Delta R.T. -0.10 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

Instrument :

BNA_N

ClientSampled :

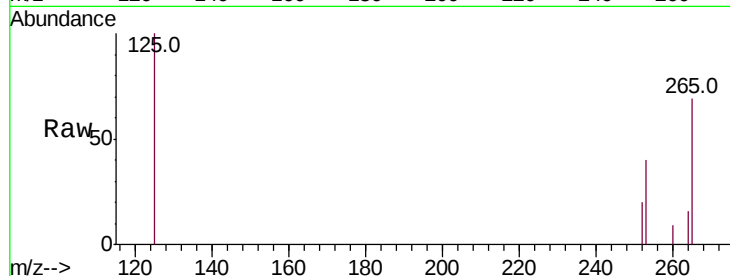
Tot Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 195.5 0.0 47.8#

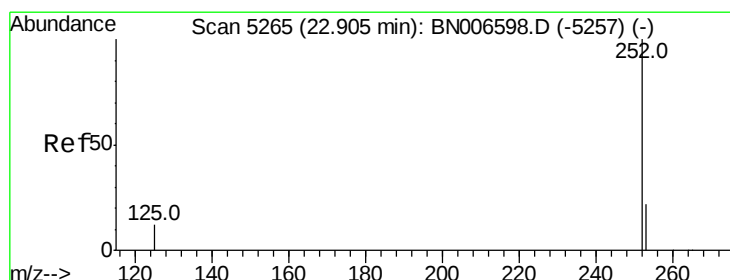
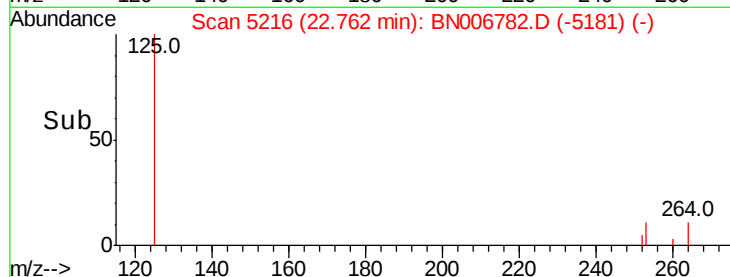
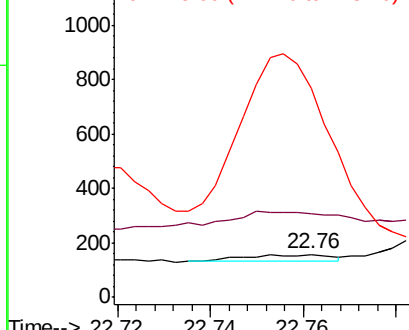
125 488.5 0.0 29.2#



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



#22

Benzo(k)fluoranthene

Concen: 0.007 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.06 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

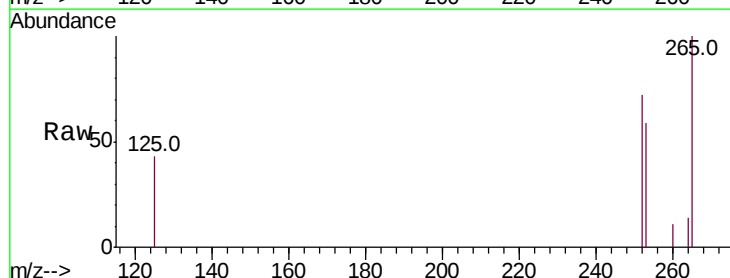
Tgt Ion:252 Resp: 423

Ion Ratio Lower Upper

252 100

253 82.4 19.2 28.8#

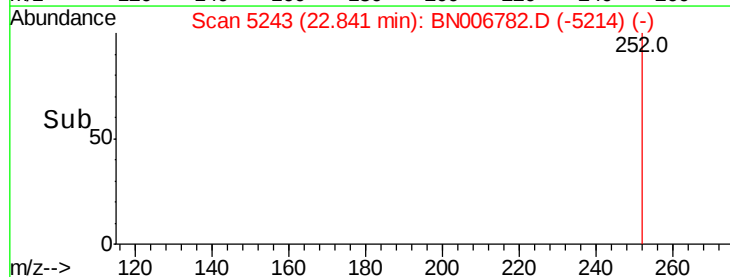
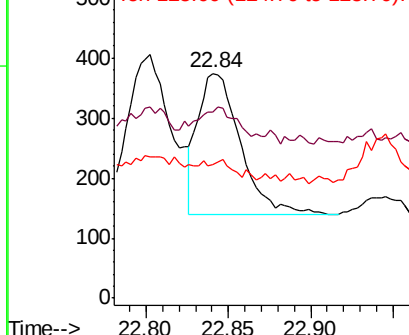
125 59.5 11.0 16.6#

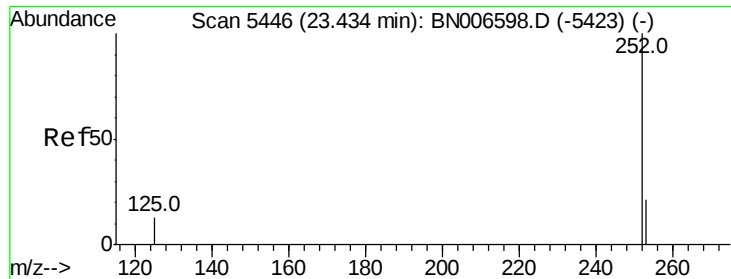


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.056 ng/u1

RT: 23.30 min Scan# 5400

Delta R.T. -0.13 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

Instrument :

BNA_N

ClientSampleId :

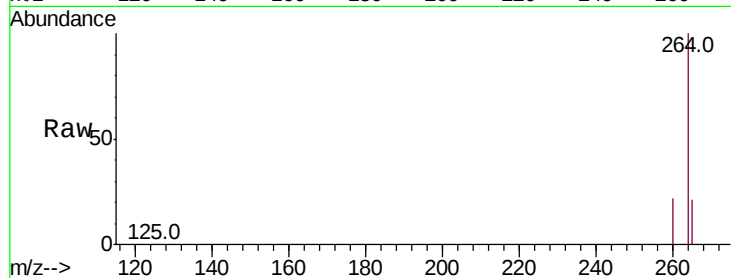
Tot Ion:252 Resp: 3195

Ion Ratio Lower Upper

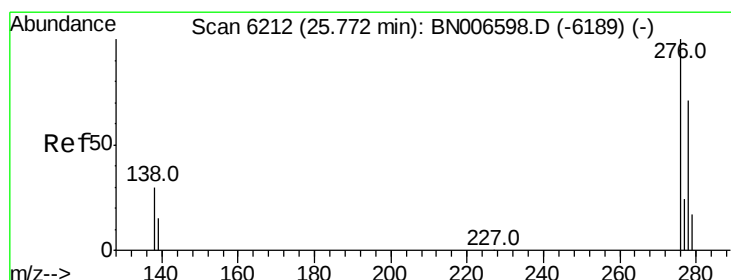
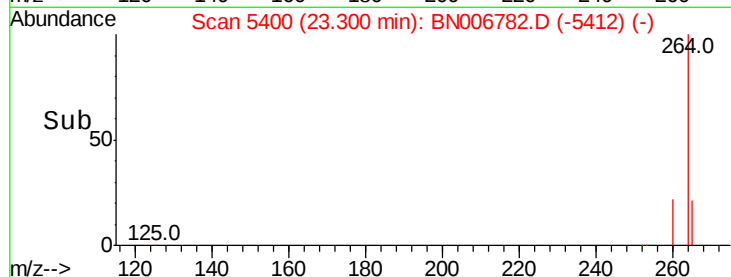
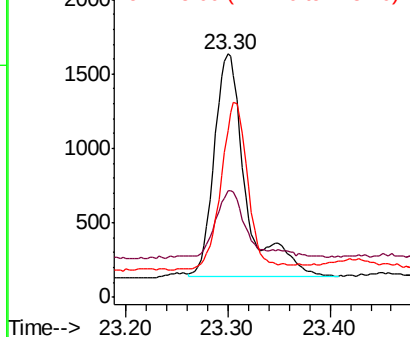
252 100

253 43.5 19.4 29.2#

125 68.6 12.6 19.0#



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: 0.010 ng/u1

RT: 25.72 min Scan# 6196

Delta R.T. -0.05 min

Lab File: BN006782.D

Acq: 10 Jul 2019 22:18

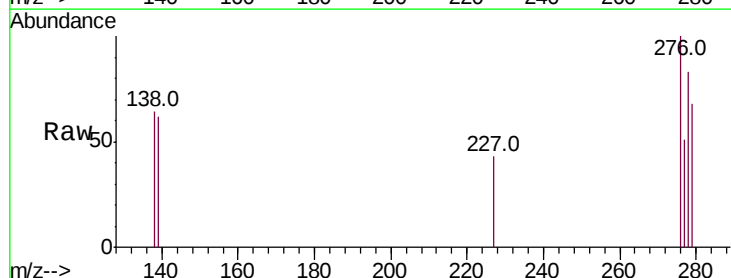
Tgt Ion:276 Resp: 567

Ion Ratio Lower Upper

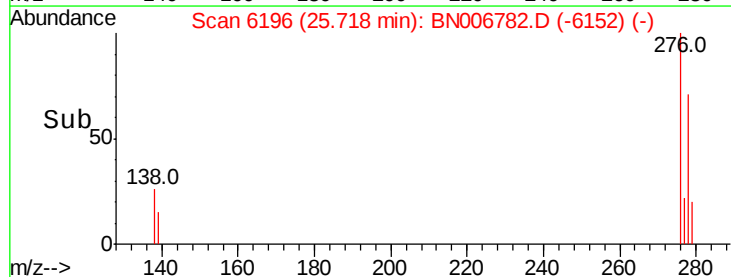
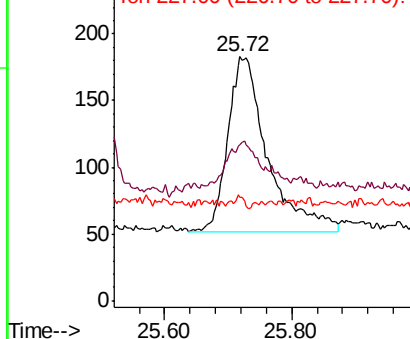
276 100

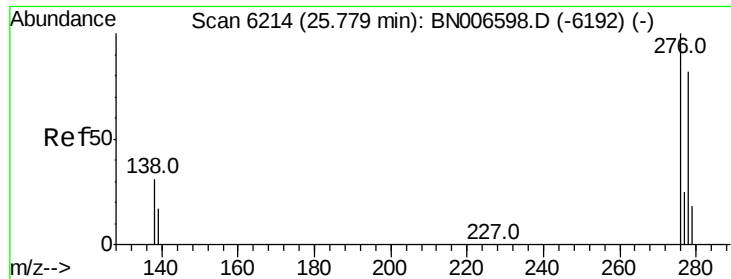
138 26.6 24.3 36.5

227 2.1 0.2 0.4#



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

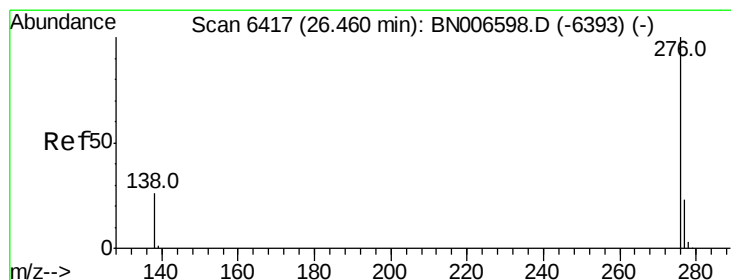
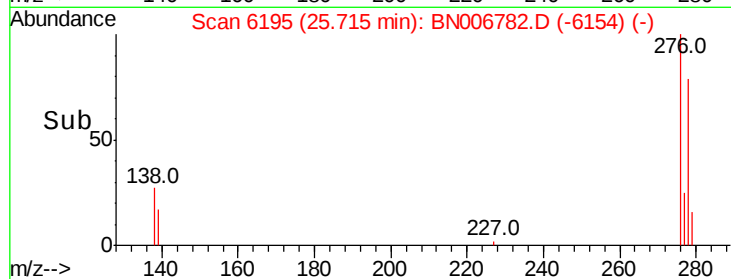
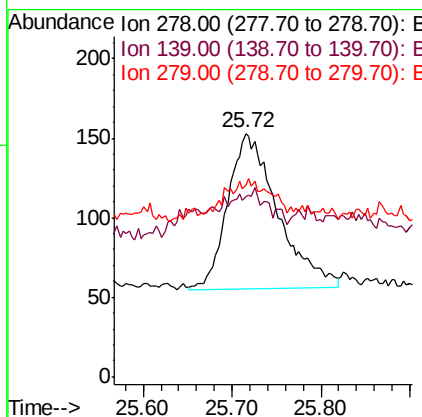
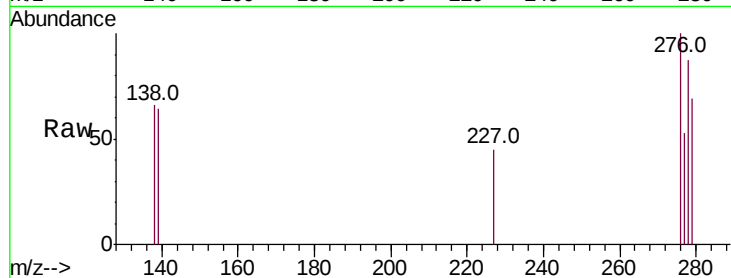




#25
Dibenzo(a,h)anthracene
Concen: 0.008 ng/u1
RT: 25.72 min Scan# 6195
Delta R.T. -0.06 min
Lab File: BN006782.D
Acq: 10 Jul 2019 22:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 382
Ion Ratio Lower Upper
278 100
139 73.9 18.1 27.1#
279 79.1 19.8 29.6#



#26
Benzo(g,h,i)perylene
Concen: 0.012 ng/u1
RT: 26.40 min Scan# 6398
Delta R.T. -0.06 min
Lab File: BN006782.D
Acq: 10 Jul 2019 22:18

Tgt Ion:276 Resp: 564
Ion Ratio Lower Upper
276 100
138 59.4 22.2 33.2#
277 50.0 19.5 29.3#

