

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002804.D
 Acq On : 21 Sep 2018 01:33
 Operator : JU/SJ
 Sample : J4874-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZA5

Quant Time: Sep 21 04:02:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 04:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1710	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6646	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3562	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	663350	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	6830	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	4125	0.43	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

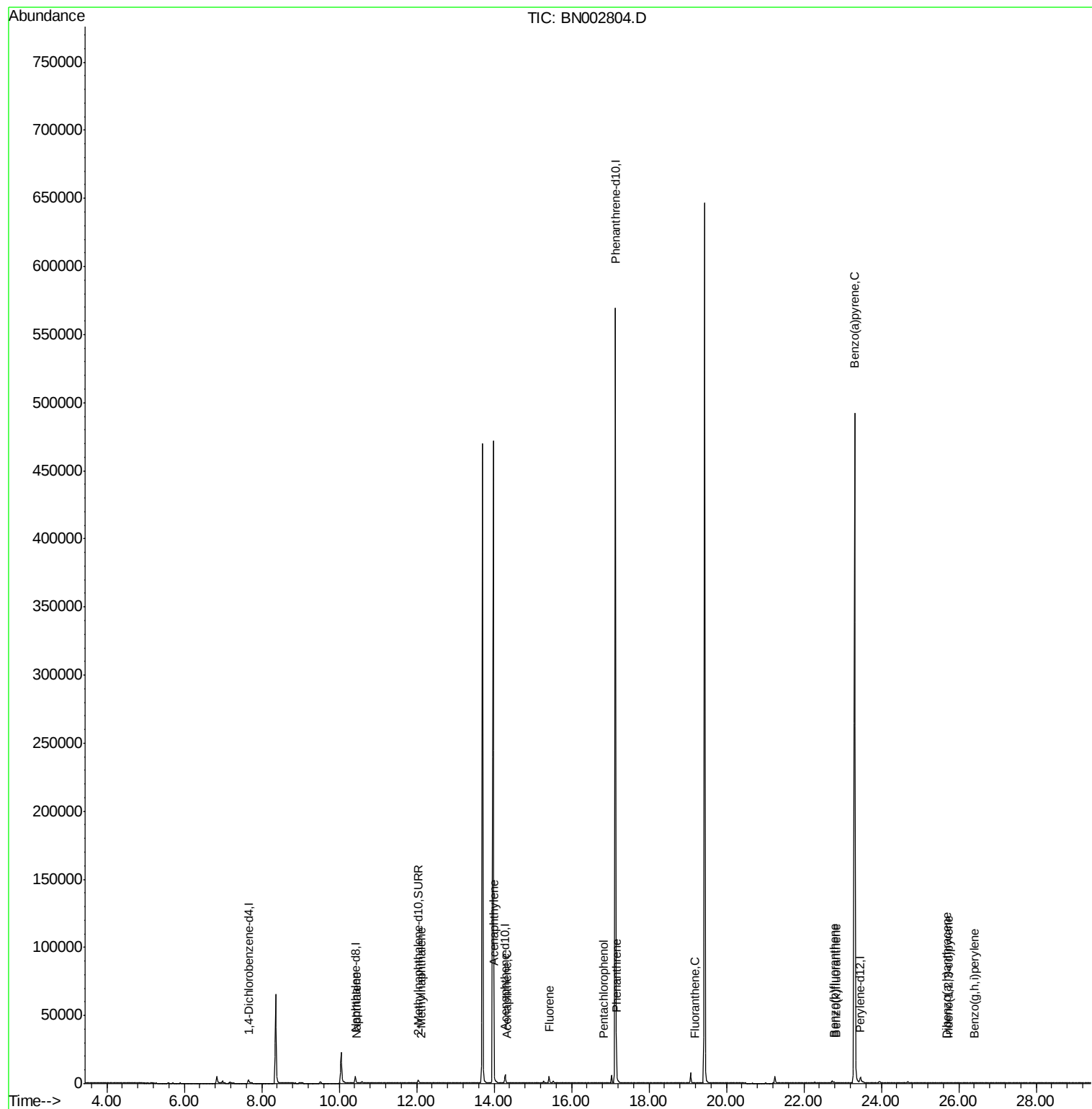
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	90	0.005	ng/ul#	1
5) 2-Methylnaphthalene	12.11	142	19	0.002	ng/ul	85
7) Acenaphthylene	14.00	152	19	0.001	ng/ul#	1
8) Acenaphthene	14.34	153	11	0.001	ng/ul#	69
9) Fluorene	15.43	166	62	0.005	ng/ul#	1
11) Pentachlorophenol	16.83	266	4	0.000	ng/ul#	85
12) Phenanthrene	17.17	178	219	0.000	ng/ul#	39
15) Fluoranthene	19.20	202	3	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	103	0.005	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	52	0.002	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2247	0.104	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.74	276	93	0.004	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.69	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	89	0.004	ng/ul#	1

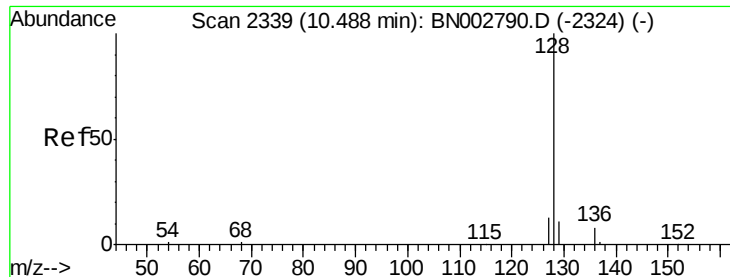
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.005 ng/u1

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

Instrument :

BNA_N

ClientSampleId :

A3ZA5

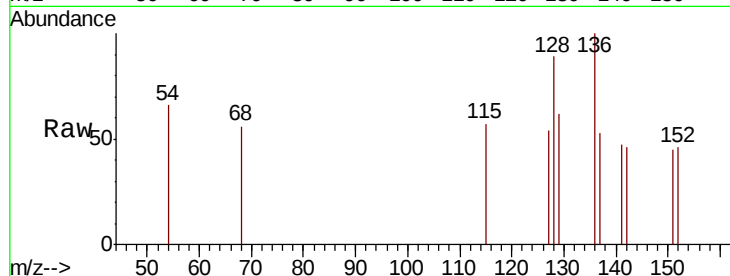
Tgt Ion:128 Resp: 90

Ion Ratio Lower Upper

128 100

129 69.3 8.0 12.0#

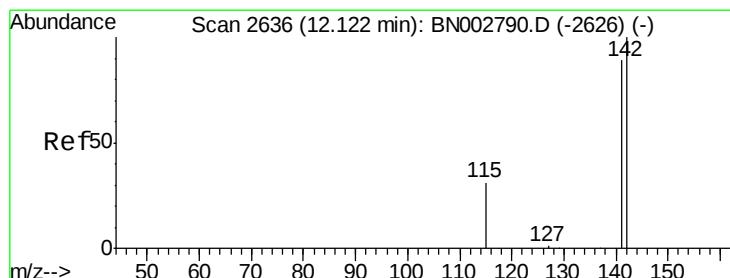
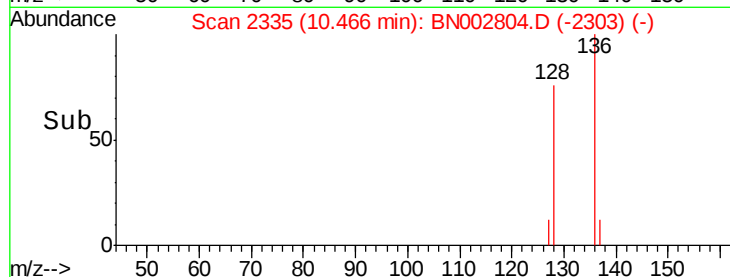
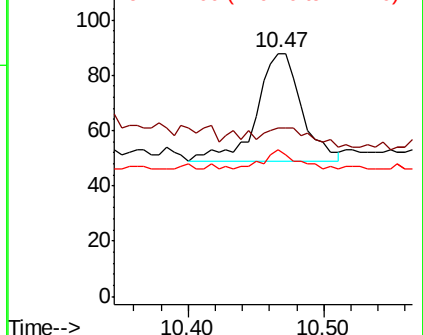
127 60.2 12.0 18.0#



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



#5

2-Methylnaphthalene

Concen: 0.002 ng/u1

RT: 12.11 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BN002804.D

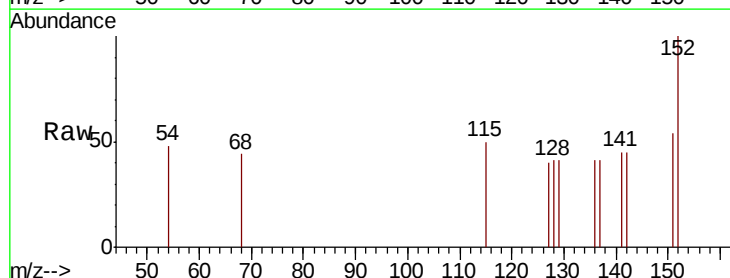
Acq: 21 Sep 2018 01:33

Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

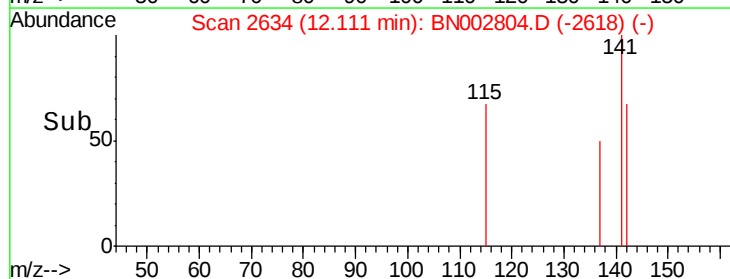
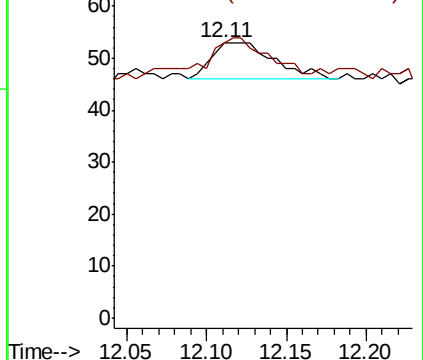
142 100

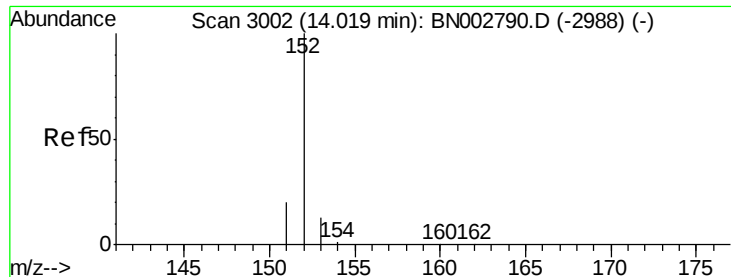
141 105.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.001 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

Instrument :

BNA_N

ClientSampleId :

A3ZA5

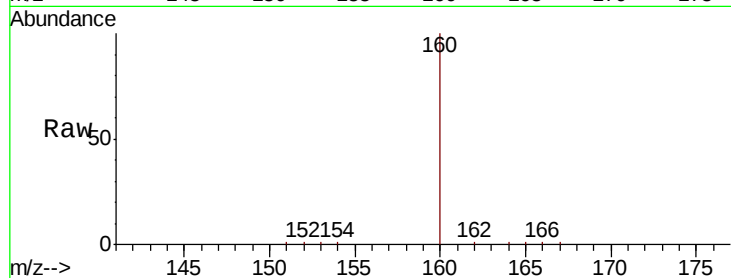
Tgt Ion:152 Resp: 19

Ion Ratio Lower Upper

152 100

151 83.3 17.1 25.7#

153 86.7 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

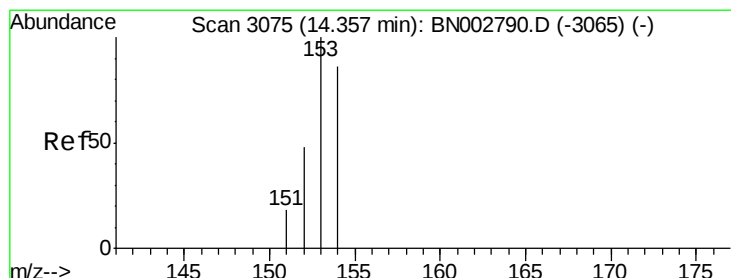
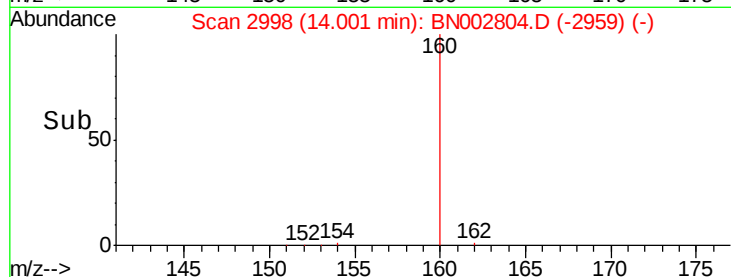
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.00

14.05

Time-->



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

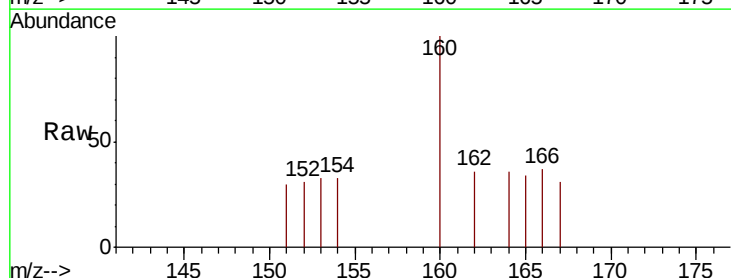
Tgt Ion:153 Resp: 11

Ion Ratio Lower Upper

153 100

152 94.3 36.0 54.0#

154 98.1 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

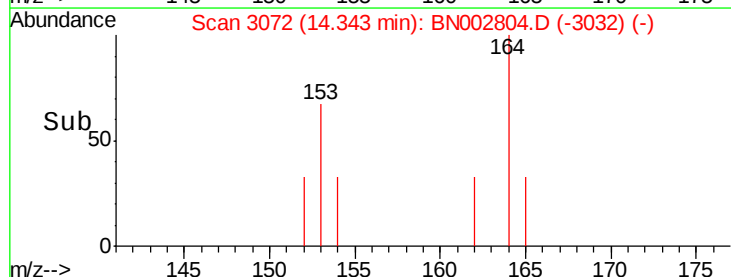
Ion 152.00 (151.70 to 152.70): E

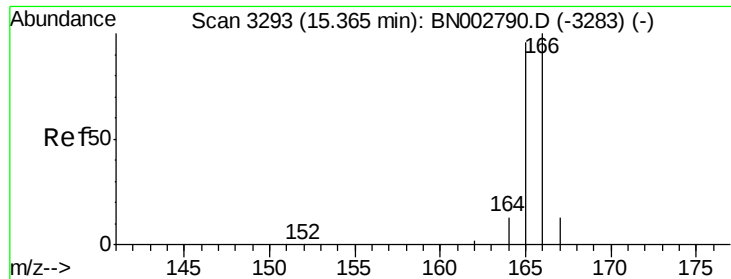
Ion 154.00 (153.70 to 154.70): E

14.34

14.40

Time-->





#9

Fluorene

Concen: 0.005 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.06 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

Instrument :

BNA_N

ClientSampleId :

A3ZA5

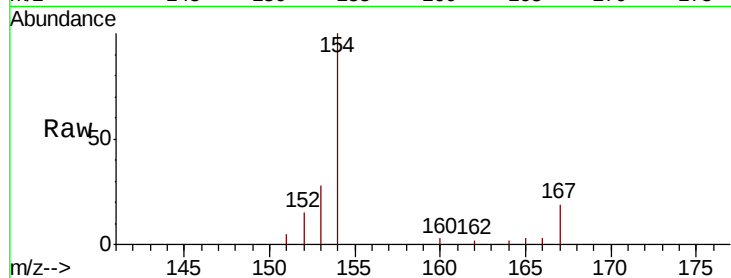
Tgt Ion:166 Resp: 62

Ion Ratio Lower Upper

166 100

165 96.4 73.4 110.2

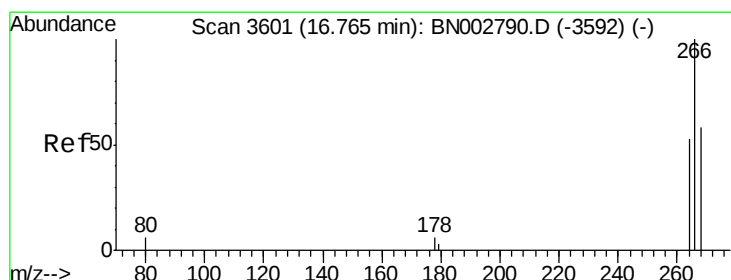
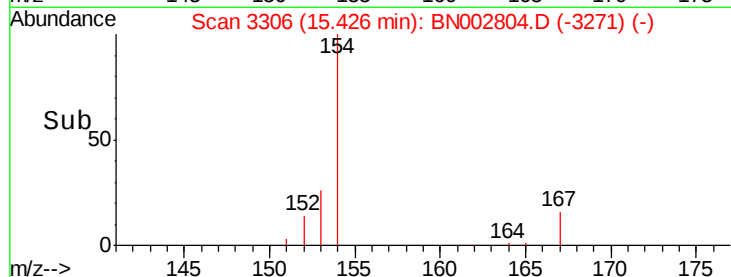
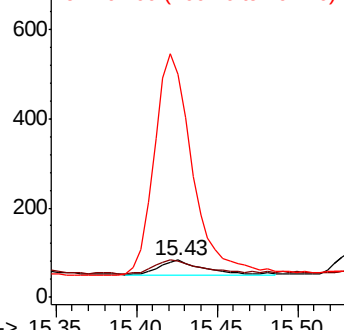
167 592.9 14.6 22.0#



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: 0.000 ng/ul

RT: 16.83 min Scan# 3617

Delta R.T. 0.07 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

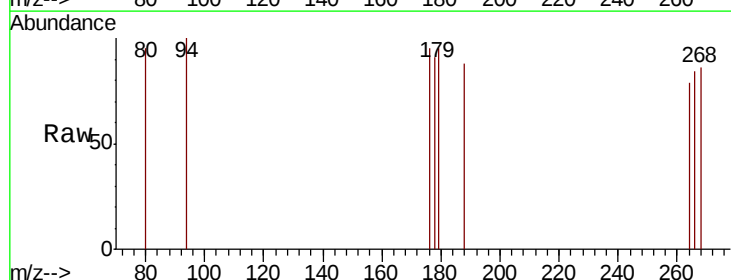
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

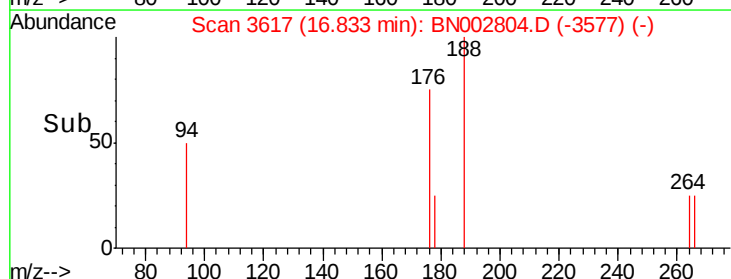
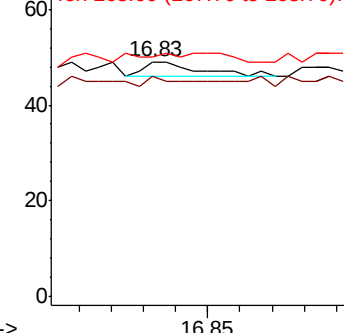
268 75.0 49.8 74.8#

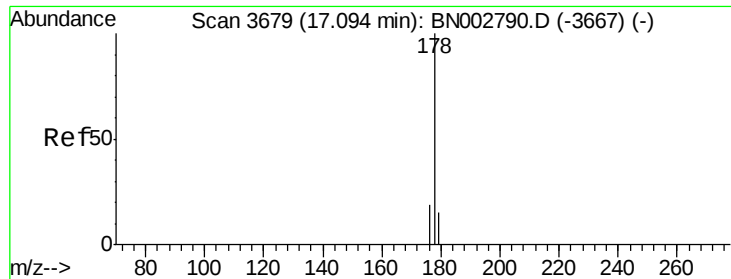


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. 0.07 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

Instrument :

BNA_N

ClientSampleId :

A3ZA5

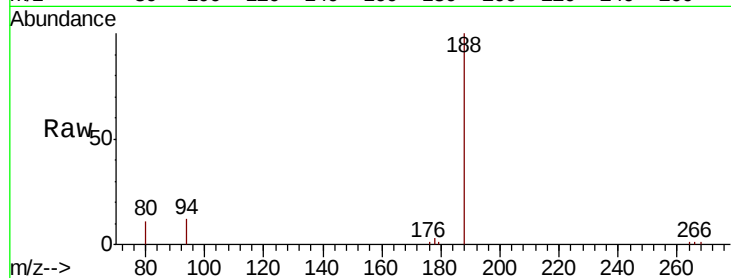
Tgt Ion:178 Resp: 219

Ion Ratio Lower Upper

178 100

179 51.5 18.4 27.6#

176 44.4 13.6 20.4#



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

600

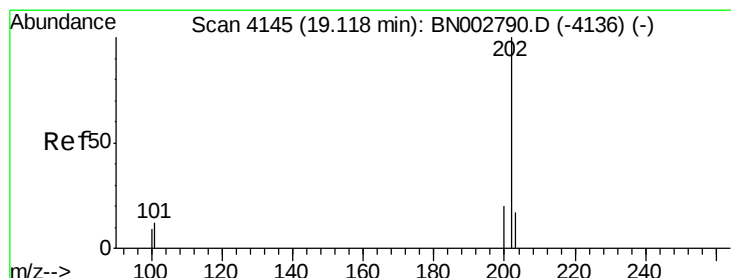
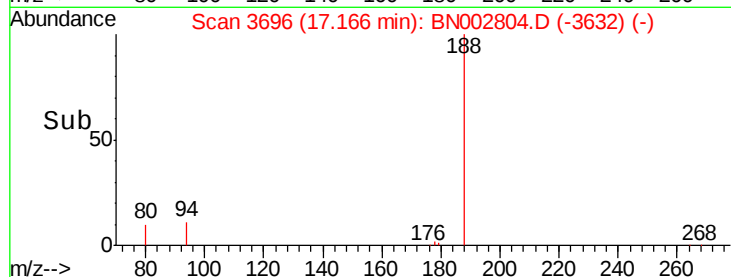
400

200

0

17.10 17.17 17.20 17.30

Time-->



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.20 min Scan# 4162

Delta R.T. 0.08 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

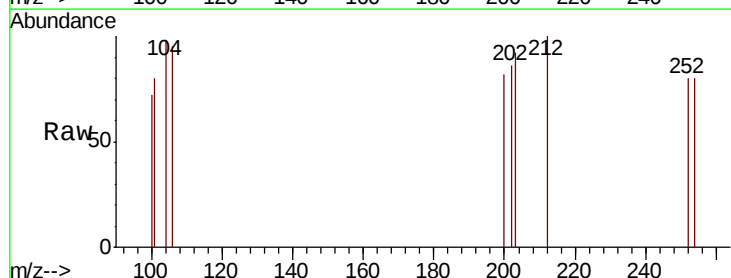
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

202 100

101 92.9 0.0 30.0#

100 83.9 0.0 30.0#



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

60

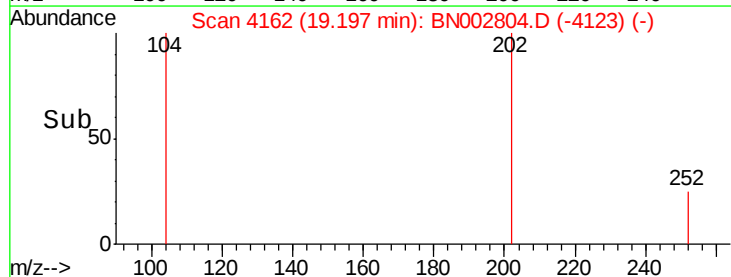
40

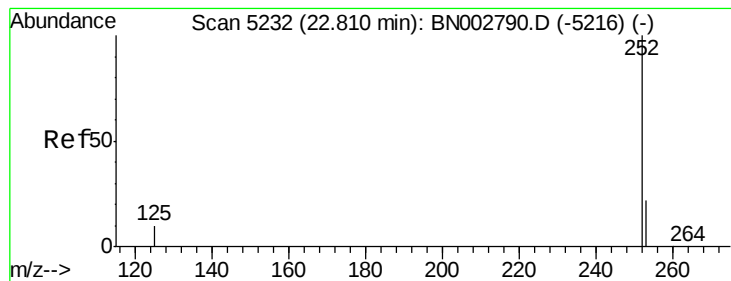
20

0

19.18 19.20

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.005 ng/ul

RT: 22.80 min Scan# 5228

Delta R.T. -0.01 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

Instrument :

BNA_N

ClientSampleId :

A3ZA5

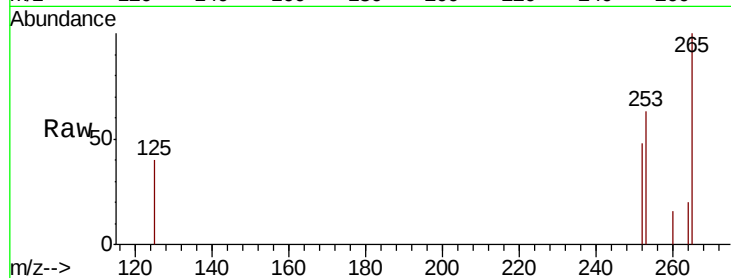
Tgt Ion:252 Resp: 103

Ion Ratio Lower Upper

252 100

253 129.7 0.0 64.2#

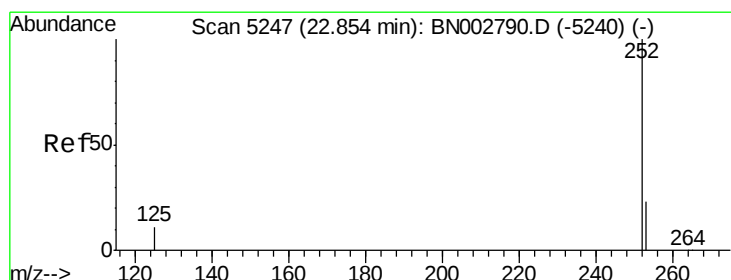
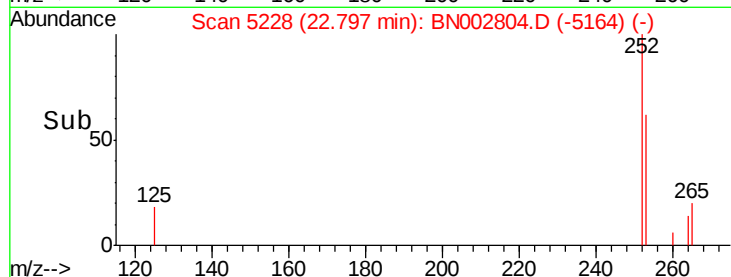
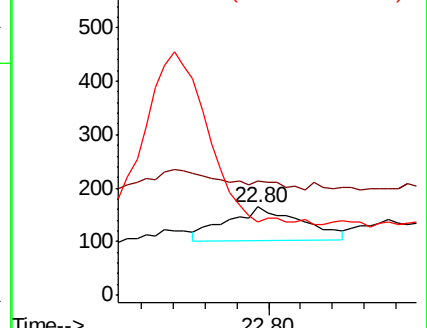
125 83.0 0.0 35.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. -0.02 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

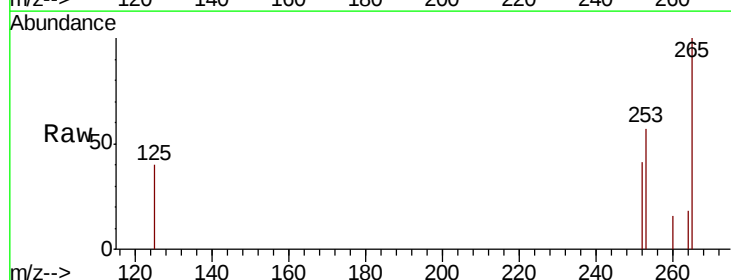
Tgt Ion:252 Resp: 52

Ion Ratio Lower Upper

252 100

253 141.8 24.5 36.7#

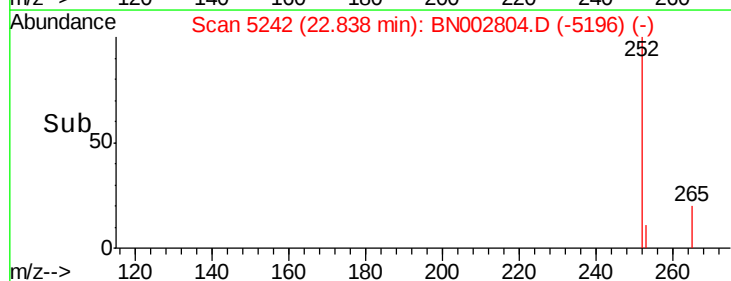
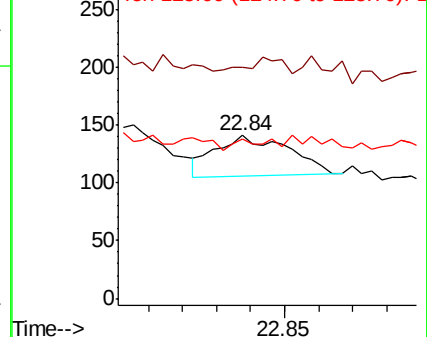
125 97.9 13.7 20.5#

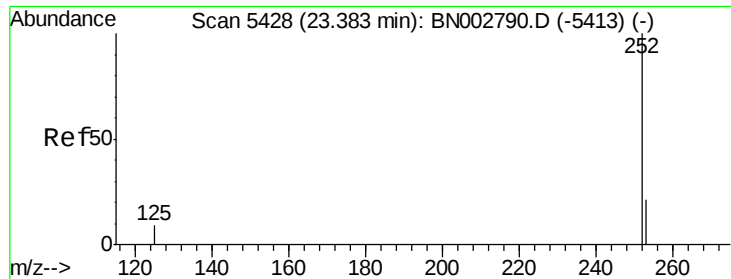


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.104 ng/u1

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

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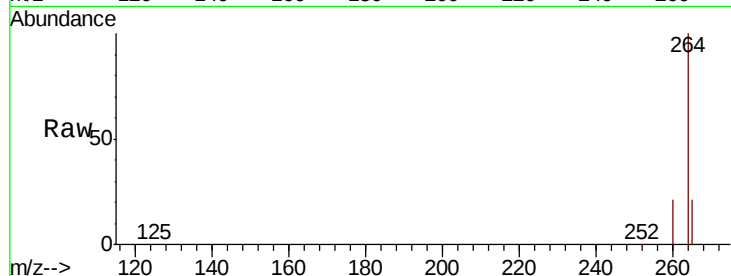
Tgt Ion:252 Resp: 2247

Ion Ratio Lower Upper

252 100

253 36.6 16.0 24.0#

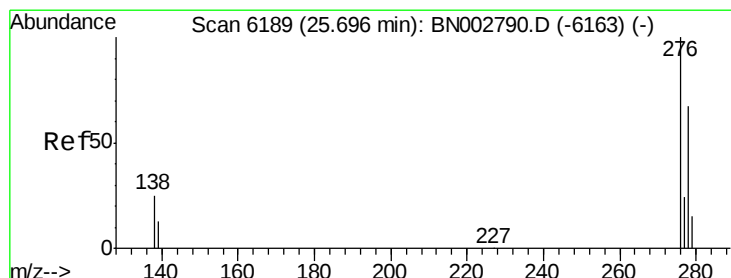
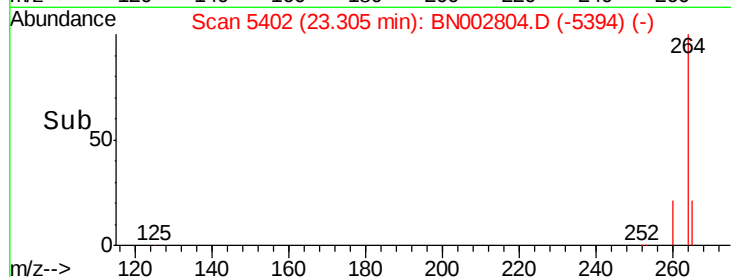
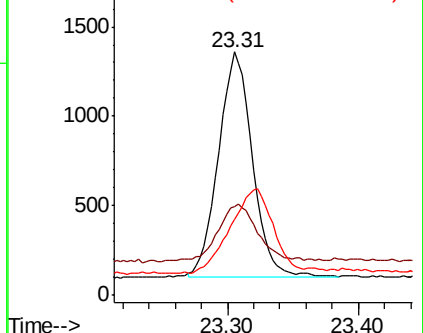
125 31.4 12.0 18.0#



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: 0.004 ng/u1

RT: 25.74 min Scan# 6202

Delta R.T. 0.04 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

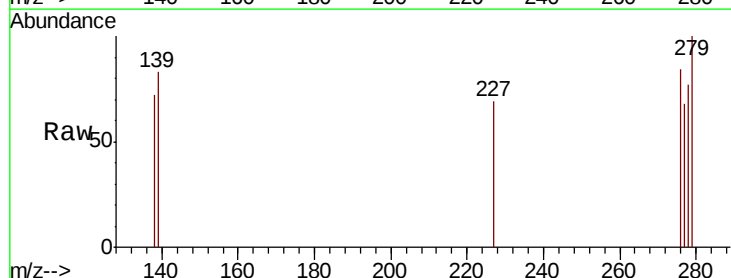
Tgt Ion:276 Resp: 93

Ion Ratio Lower Upper

276 100

138 18.3 28.0 42.0#

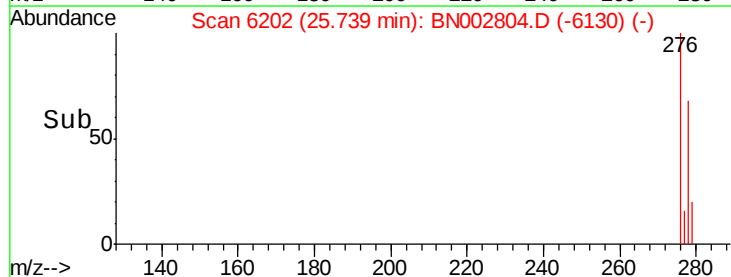
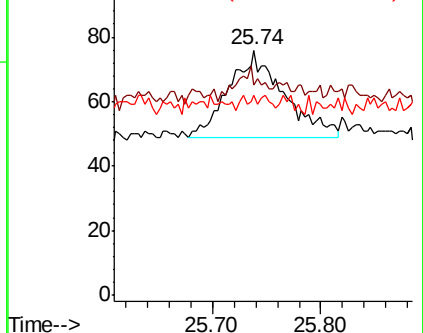
227 1.1 0.8 1.2

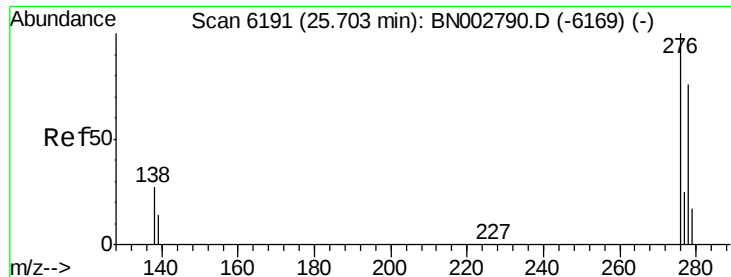


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.000 ng/u1

RT: 25.69 min Scan# 6188

Delta R.T. -0.01 min

Lab File: BN002804.D

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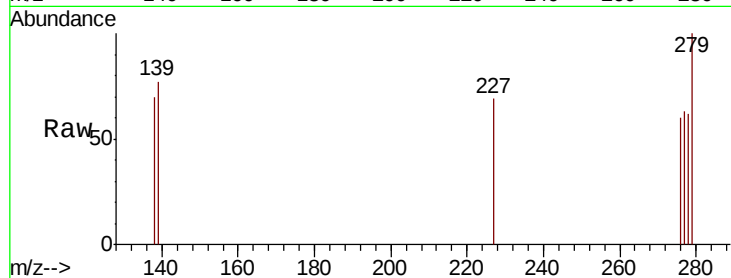
Tgt Ion:278 Resp: 3

Ion Ratio Lower Upper

278 100

139 124.1 17.4 26.0#

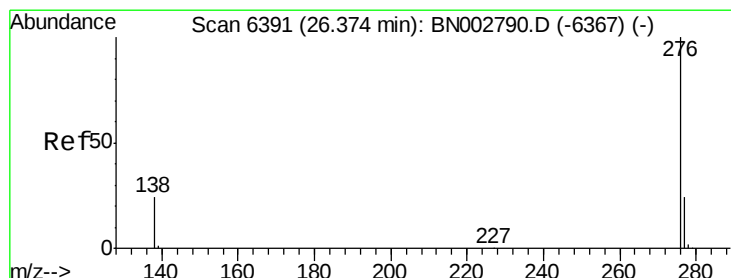
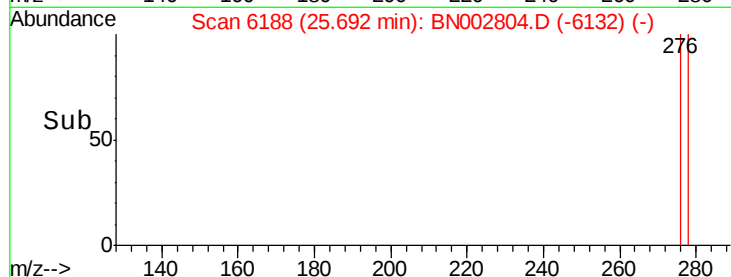
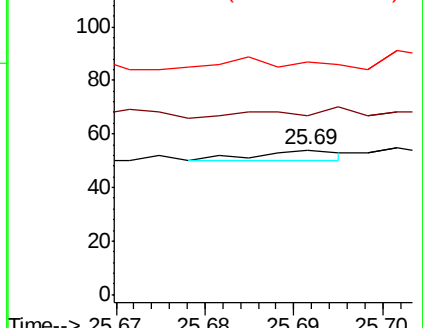
279 161.1 25.9 38.9#



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: 0.004 ng/u1

RT: 26.41 min Scan# 6401

Delta R.T. 0.03 min

Lab File: BN002804.D

Acq: 21 Sep 2018 01:33

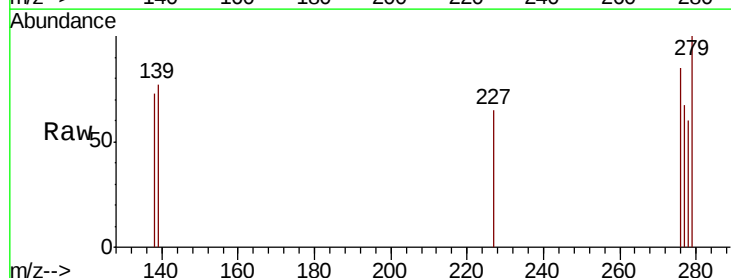
Tgt Ion:276 Resp: 89

Ion Ratio Lower Upper

276 100

138 86.3 21.8 32.8#

277 79.5 20.5 30.7#



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

