

Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Quant Time: Dec 18 04:34:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1445	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5129	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	894248	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.41
20) Perylene-d12	23.72	264	14637	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3878	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

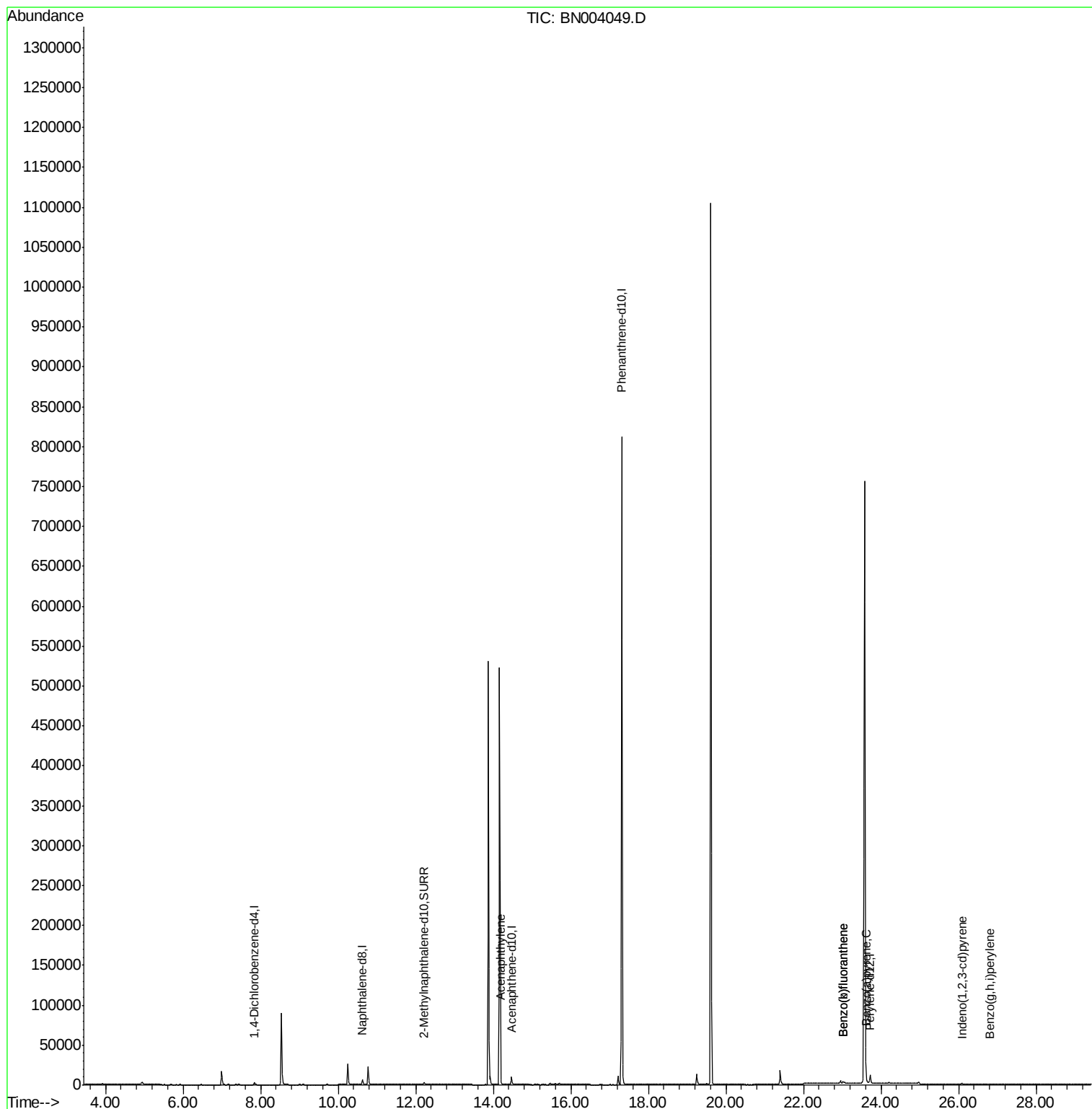
Target Compounds				Qvalue		
7) Acenaphthylene	14.20	152	846	0.037	ng/ul#	74
21) Benzo(b)fluoranthene	23.02	252	4408	0.073	ng/ul#	52
22) Benzo(k)fluoranthene	23.02	252	4378	0.074	ng/ul#	52
23) Benzo(a)pyrene	23.62	252	1677	0.032	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	26.09	276	1405	0.023	ng/ul#	99
26) Benzo(g,h,i)perylene	26.82	276	1080	0.021	ng/ul#	48

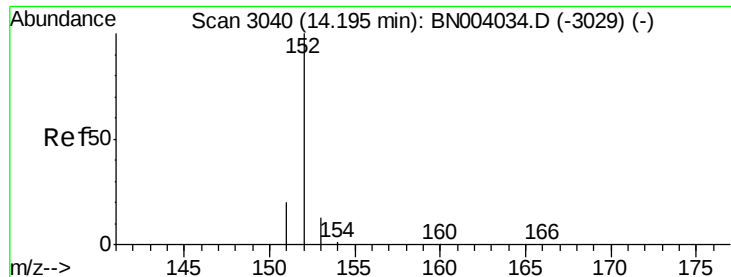
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

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F9F19

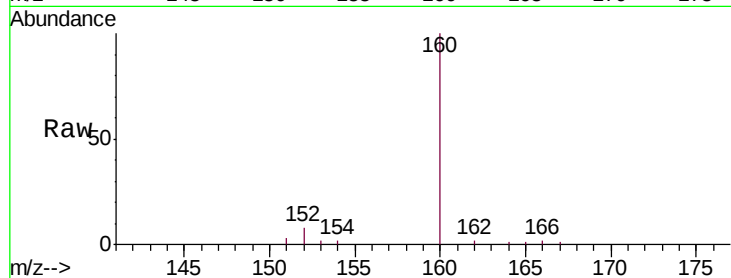
Tgt Ion:152 Resp: 846

Ion Ratio Lower Upper

152 100

151 31.5 15.9 23.9#

153 24.0 10.7 16.1#



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

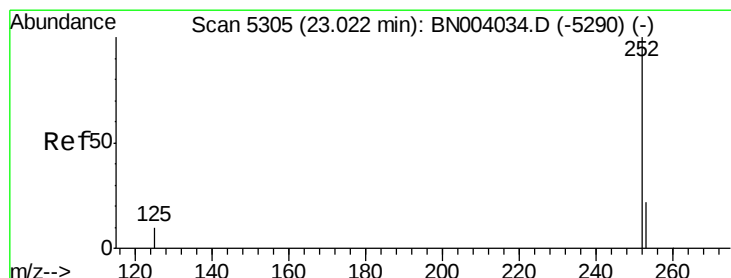
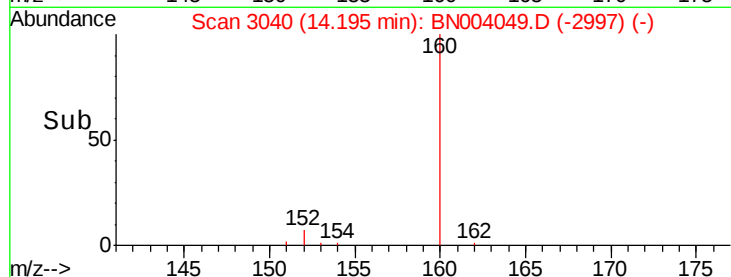
14.20

400

200

0

Time--> 14.00 14.20



#21

Benzo(b)fluoranthene

Concen: 0.073 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.01 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

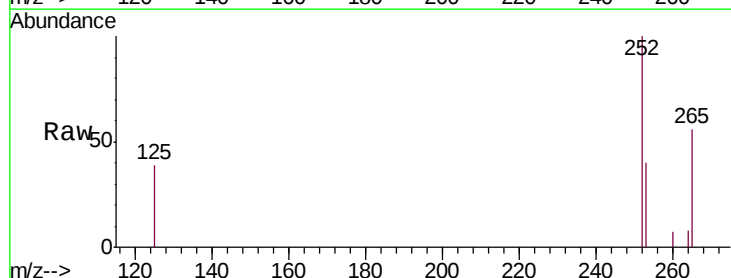
Tgt Ion:252 Resp: 4408

Ion Ratio Lower Upper

252 100

253 40.4 0.0 46.0

125 38.9 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

23.02

2000

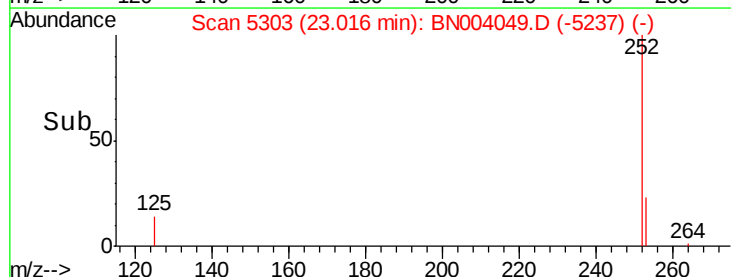
1500

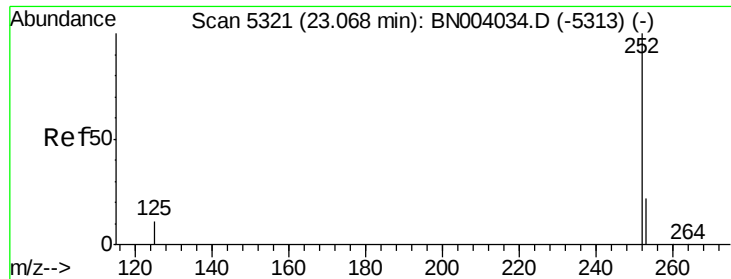
1000

500

0

Time--> 22.90 23.00 23.10





#22

Benzo(k)fluoranthene

Concen: 0.074 ng/u1

RT: 23.02 min Scan# 5303

Delta R.T. -0.05 min

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Acq: 17 Dec 2018 23:07

Instrument :

BNA_N

ClientSampleId :

F9F19

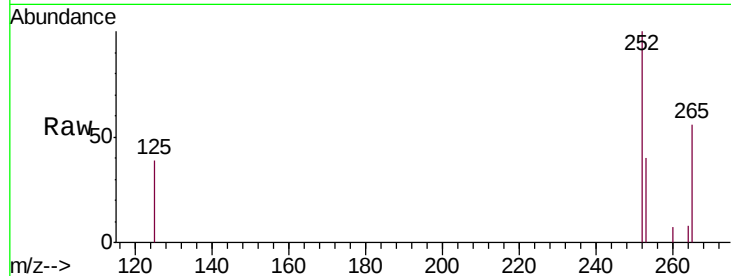
Tgt Ion:252 Resp: 4378

Ion Ratio Lower Upper

252 100

253 40.4 18.5 27.7#

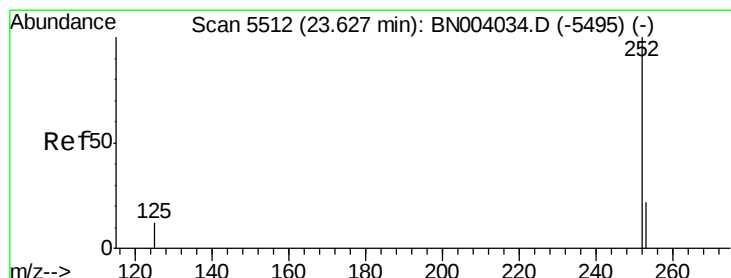
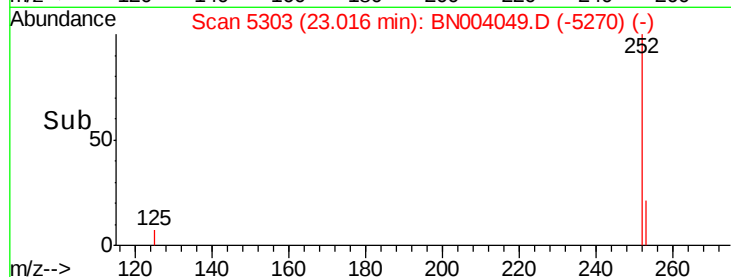
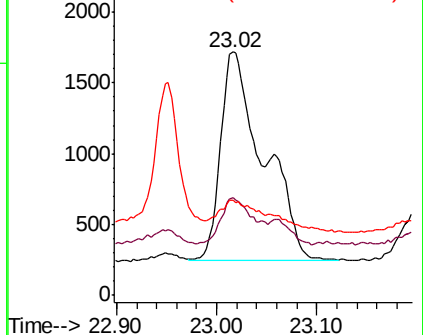
125 38.9 9.0 13.6#



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: 0.032 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.01 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

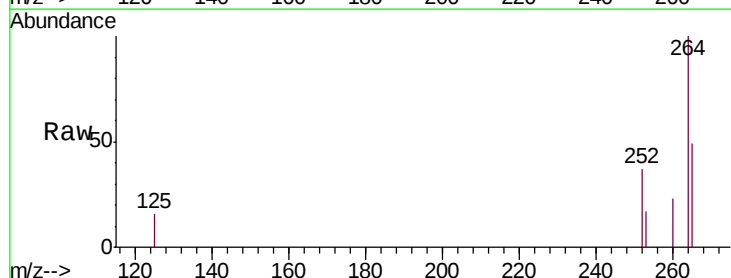
Tgt Ion:252 Resp: 1677

Ion Ratio Lower Upper

252 100

253 46.7 19.0 28.4#

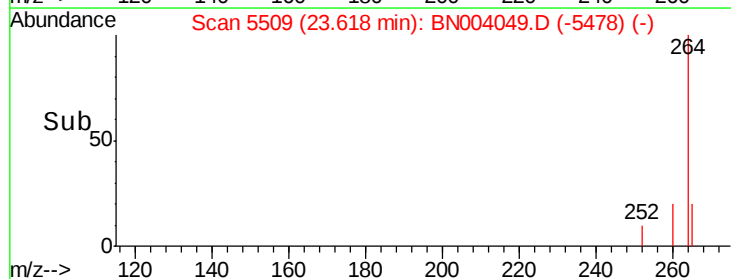
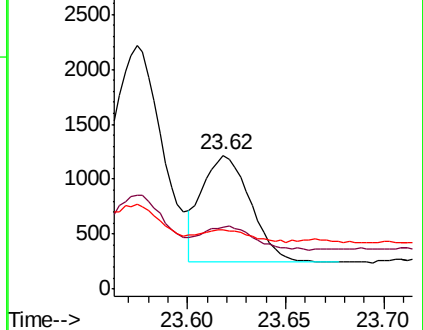
125 44.4 10.2 15.4#

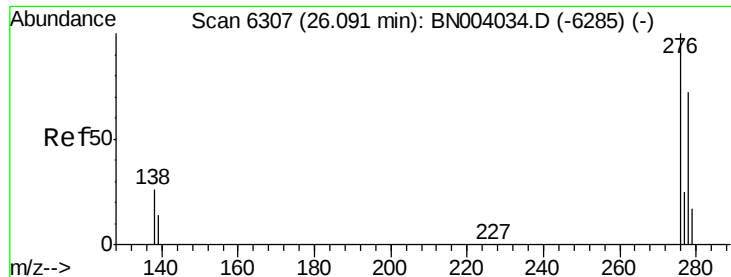


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.023 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. -0.00 min

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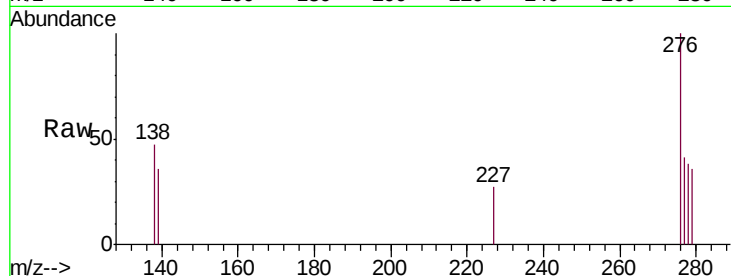
Tgt Ion:276 Resp: 1405

Ion Ratio Lower Upper

276 100

138 25.0 20.3 30.5

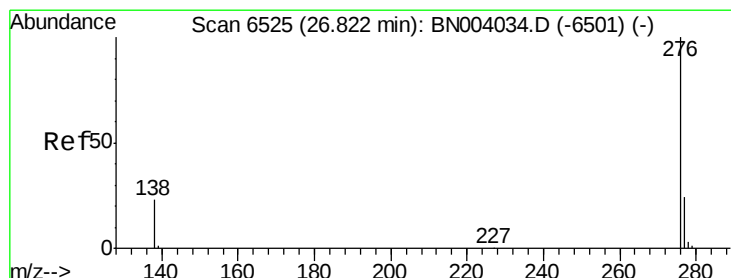
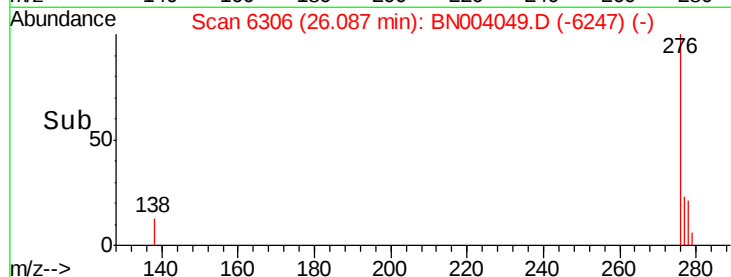
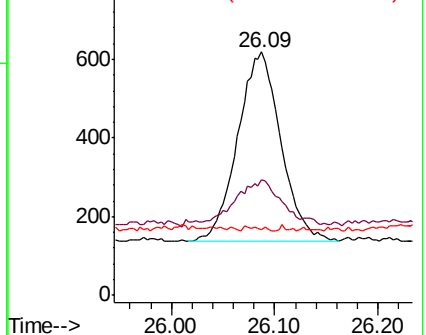
227 0.8 0.2 0.2#



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



#26

Benzo(g,h,i)perylene

Concen: 0.021 ng/ul

RT: 26.82 min Scan# 6524

Delta R.T. -0.00 min

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Acq: 17 Dec 2018 23:07

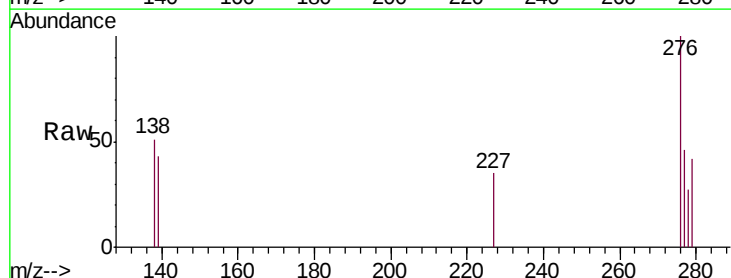
Tgt Ion:276 Resp: 1080

Ion Ratio Lower Upper

276 100

138 51.2 17.7 26.5#

277 45.9 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

