

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002487.D
 Acq On : 24 Aug 2018 03:46
 Operator : JU/SJ
 Sample : J4424-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 04:18:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

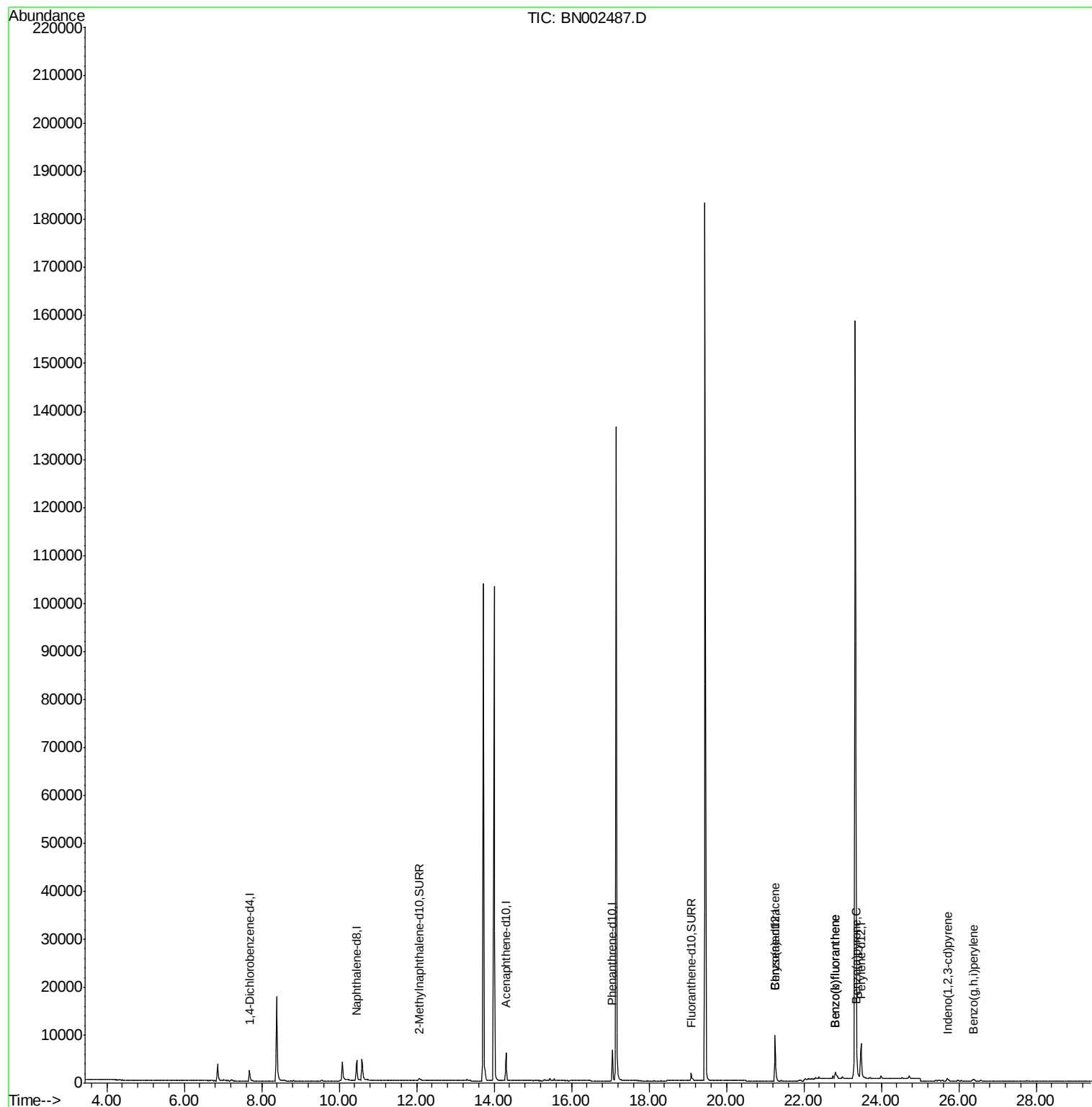
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1449	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	5905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3277	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	7762	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	8994	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10446	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	741	0.08	ng/ul	0.02
14) Fluoranthene-d10	19.09	212	1971	0.09	ng/ul	0.00
Target Compounds				Ovalue		
18) Benzo(a)anthracene	21.25	228	873	0.032	ng/ul#	83
21) Benzo(b)fluoranthene	22.81	252	2606	0.069	ng/ul#	73
22) Benzo(k)fluoranthene	22.81	252	2606	0.067	ng/ul#	70
23) Benzo(a)pyrene	23.37	252	1104	0.031	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	25.70	276	911	0.025	ng/ul#	81
26) Benzo(g,h,i)perylene	26.39	276	963	0.031	ng/ul#	83

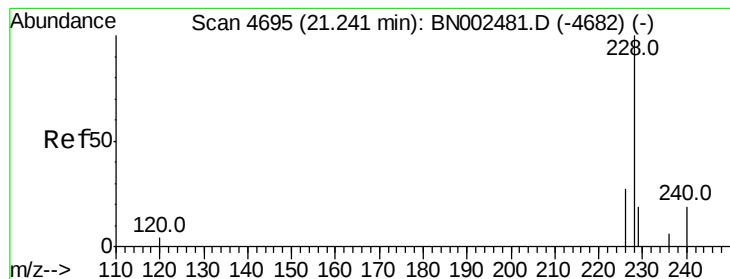
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

Benzo(a)anthracene

Concen: 0.032 ng/ul

RT: 21.25 min Scan# 4697

Delta R.T. 0.01 min

Lab File: BN002487.D

Acq: 24 Aug 2018 03:46

Instrument :

BNA_N

ClientSampleId :

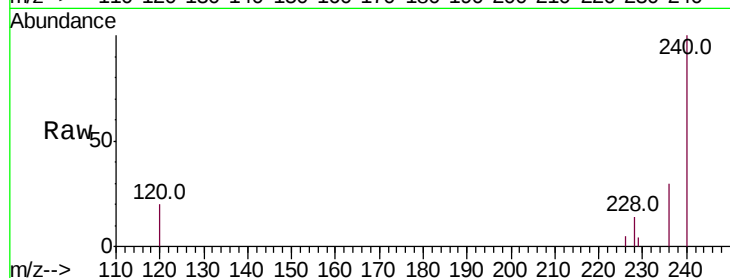
Tot Ion:228 Resp: 873

Ion Ratio Lower Upper

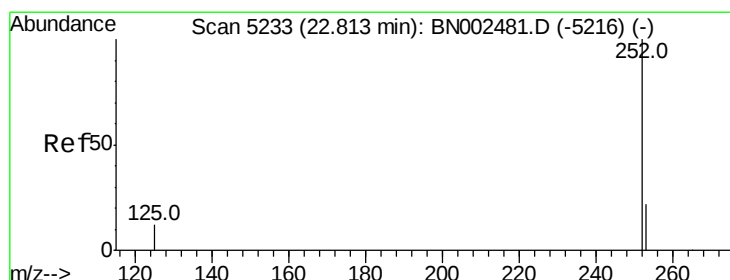
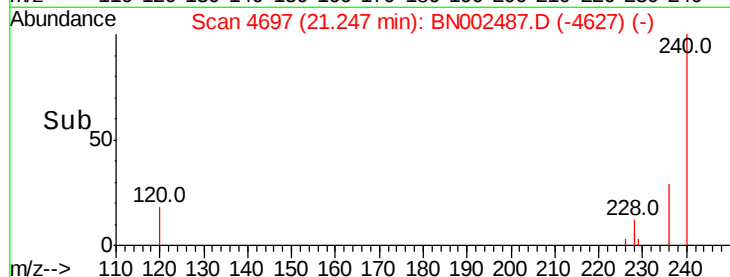
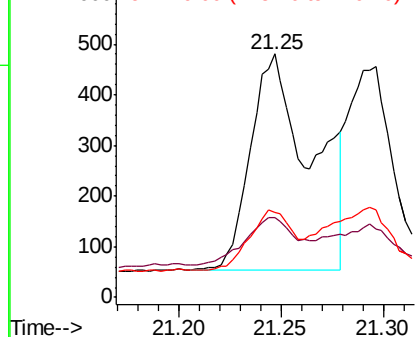
228 100

229 33.1 22.8 34.2

226 34.9 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#21

Benzo(b)fluoranthene

Concen: 0.069 ng/ul

RT: 22.81 min Scan# 5233

Delta R.T. 0.00 min

Lab File: BN002487.D

Acq: 24 Aug 2018 03:46

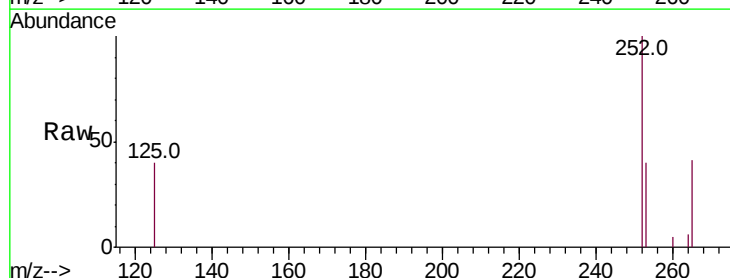
Tgt Ion:252 Resp: 2606

Ion Ratio Lower Upper

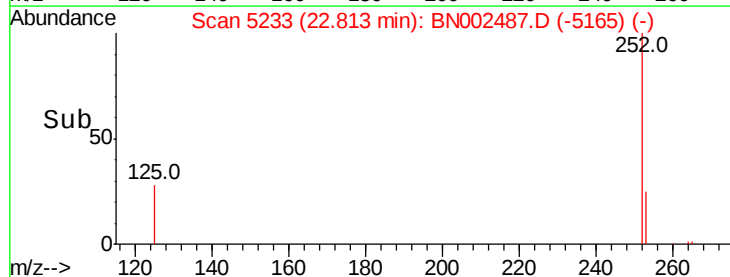
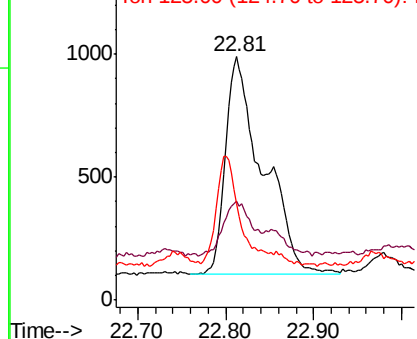
252 100

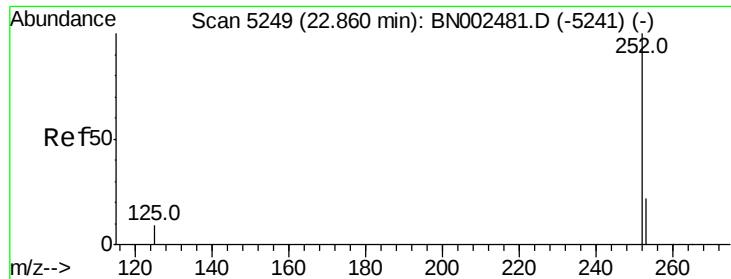
253 40.4 0.0 64.2

125 39.6 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: 0.067 ng/u1

RT: 22.81 min Scan# 5233

Delta R.T. -0.05 min

Lab File: BN002487.D

Acq: 24 Aug 2018 03:46

Instrument :

BNA_N

ClientSampleId :

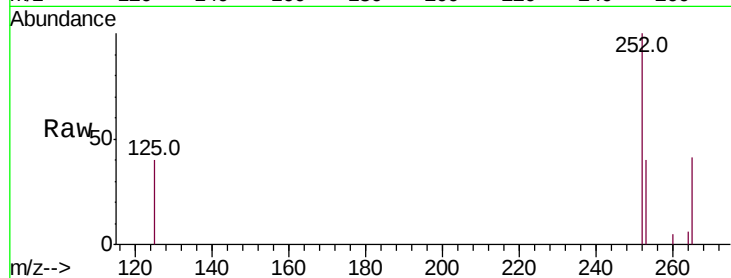
Tot Ion:252 Resp: 2606

Ion Ratio Lower Upper

252 100

253 40.4 24.5 36.7#

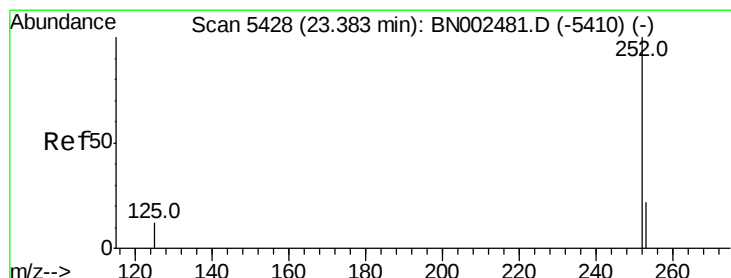
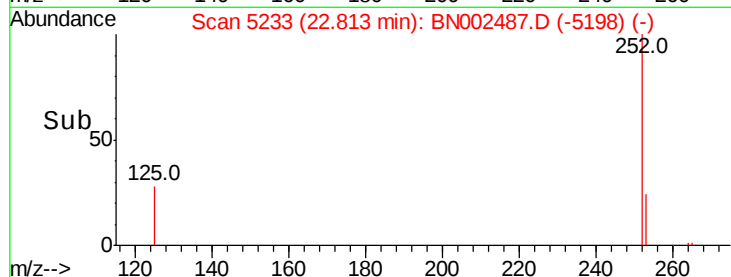
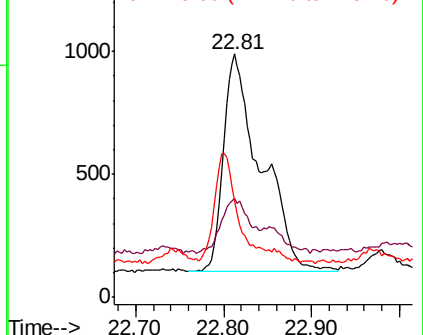
125 39.6 13.7 20.5#



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: 0.031 ng/u1

RT: 23.37 min Scan# 5424

Delta R.T. -0.01 min

Lab File: BN002487.D

Acq: 24 Aug 2018 03:46

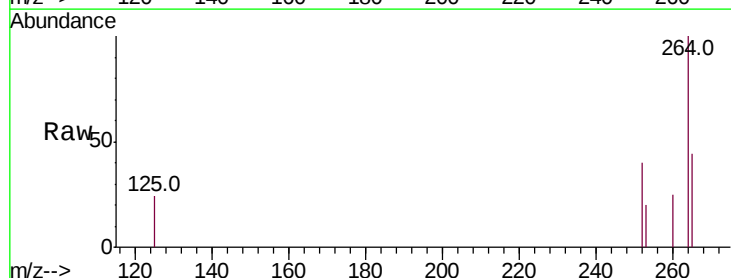
Tgt Ion:252 Resp: 1104

Ion Ratio Lower Upper

252 100

253 51.1 16.0 24.0#

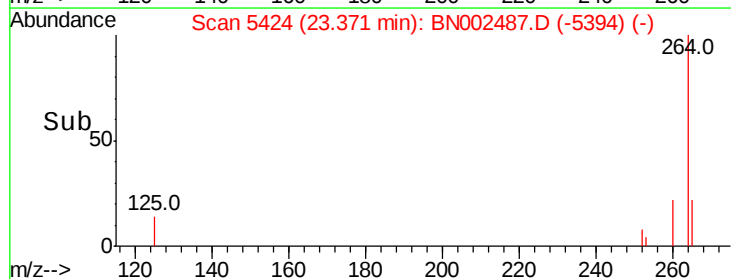
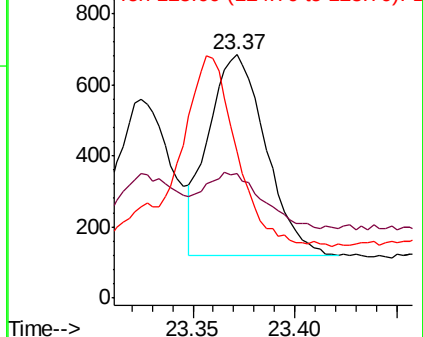
125 59.9 12.0 18.0#

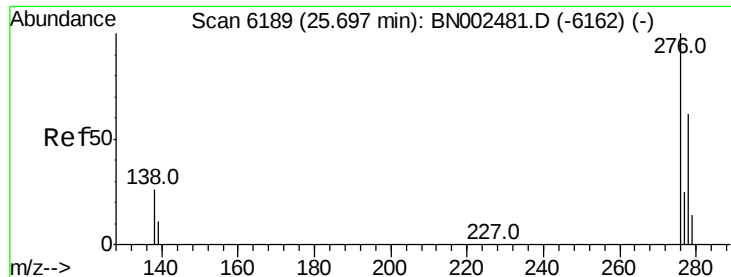


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.025 ng/ul

RT: 25.70 min Scan# 6191

Delta R.T. 0.01 min

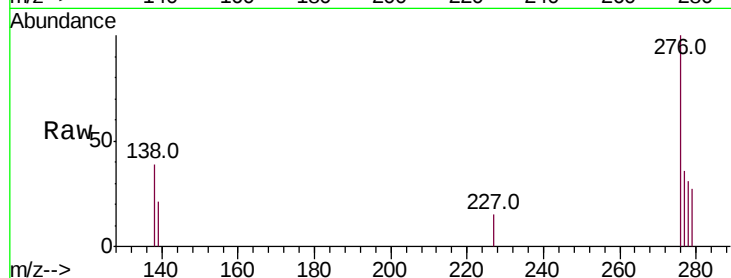
Lab File: BN002487.D

Acq: 24 Aug 2018 03:46

Instrument :

BNA_N

ClientSampleId :



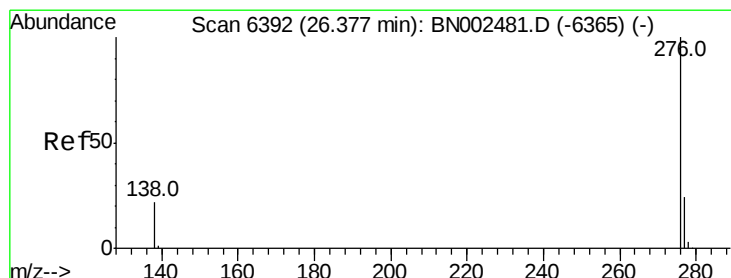
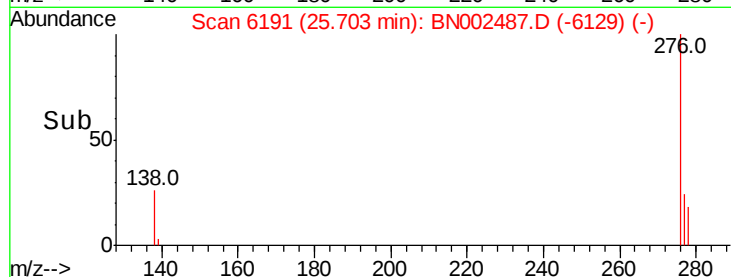
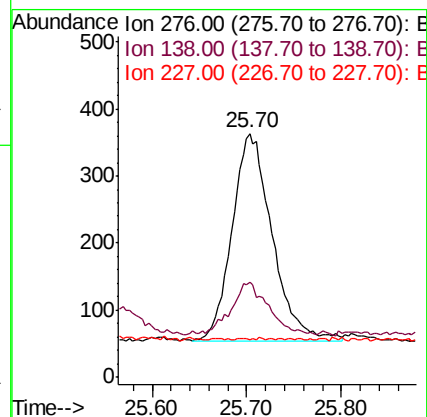
Tot Ion:276 Resp: 911

Ion Ratio Lower Upper

276 100

138 23.9 28.0 42.0#

227 0.7 0.8 1.2#



#26

Benzo(g,h,i)perylene

Concen: 0.031 ng/ul

RT: 26.39 min Scan# 6395

Delta R.T. 0.01 min

Lab File: BN002487.D

Acq: 24 Aug 2018 03:46

Tgt Ion:276 Resp: 963

Ion Ratio Lower Upper

276 100

138 34.8 21.8 32.8#

277 36.0 20.5 30.7#

