

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008177.D
 Acq On : 15 Oct 2019 17:26
 Operator : JU
 Sample : K5175-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration

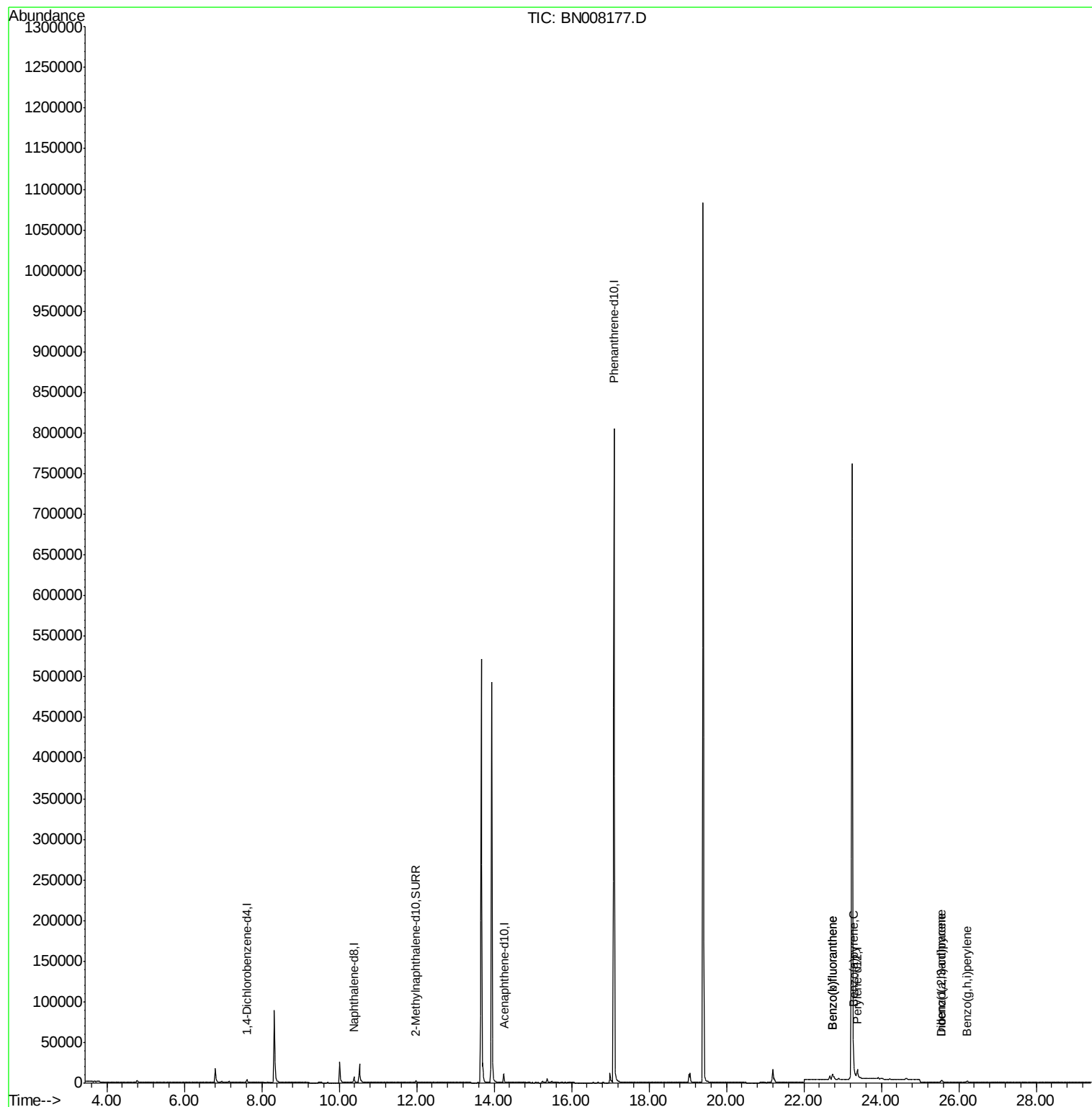
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	9764	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6169	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	892194	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.21
20) Perylene-d12	23.38	264	15349	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3827	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
21) Benzo(b)fluoranthene	22.73	252	13380	0.268	ng/ul	79
22) Benzo(k)fluoranthene	22.73	252	13380	0.236	ng/ul#	79
23) Benzo(a)pyrene	23.29	252	6210	0.118	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.55	276	4976	0.080	ng/ul	98
25) Dibenzo(a,h)anthracene	25.56	278	1155	0.024	ng/ul#	30
26) Benzo(g,h,i)perylene	26.21	276	4313	0.076	ng/ul#	88

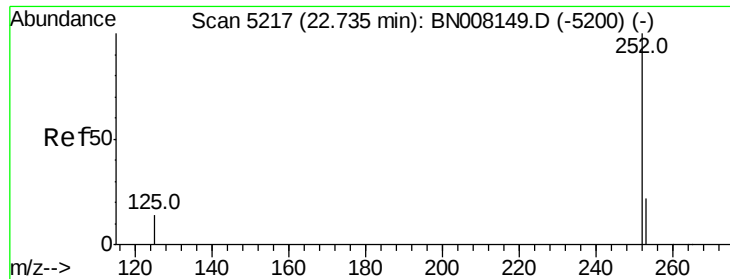
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Benzo(b)fluoranthene

Concen: 0.268 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.01 min

Lab File: BN008177.D

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Instrument :

BNA_N

ClientSampleId :

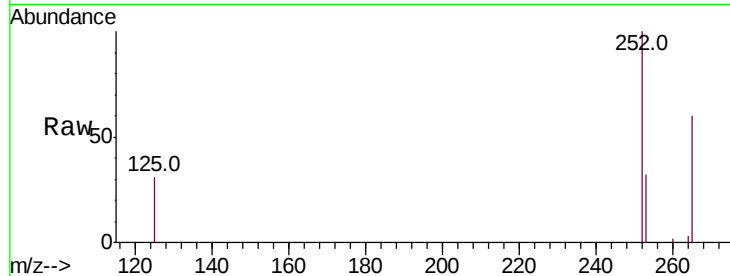
Tot Ion:252 Resp: 13380

Ion Ratio Lower Upper

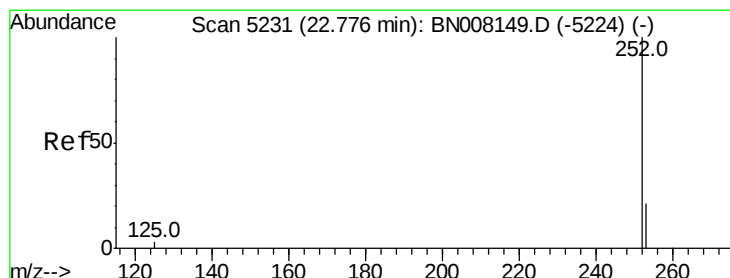
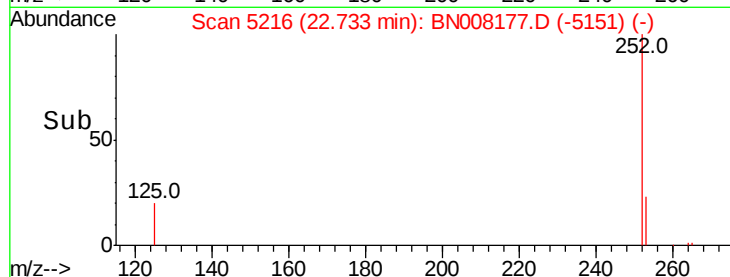
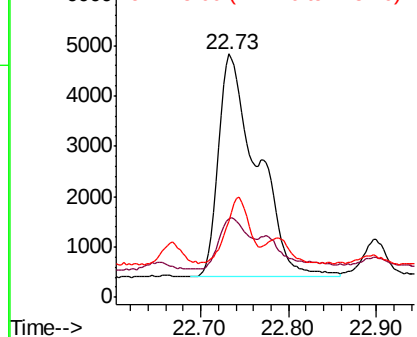
252 100

253 32.5 0.0 53.4

125 31.4 0.0 32.4



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: 0.236 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.05 min

Lab File: BN008177.D

Acq: 15 Oct 2019 17:26

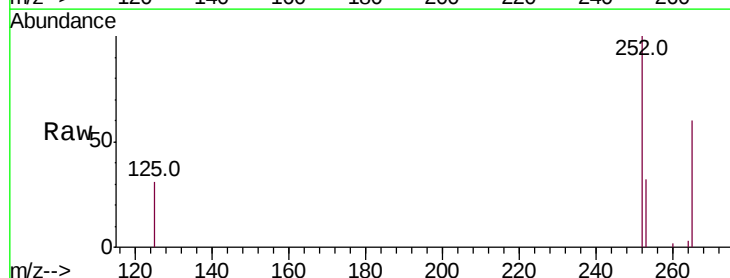
Tgt Ion:252 Resp: 13380

Ion Ratio Lower Upper

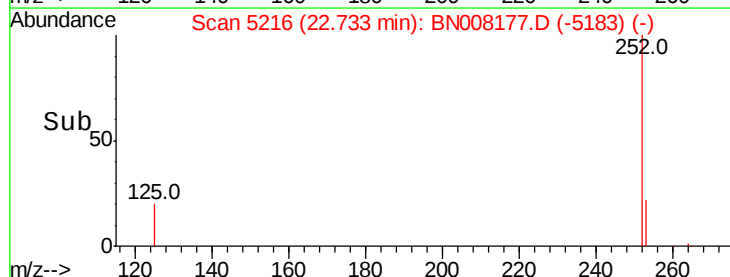
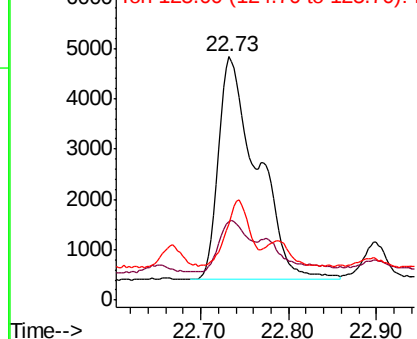
252 100

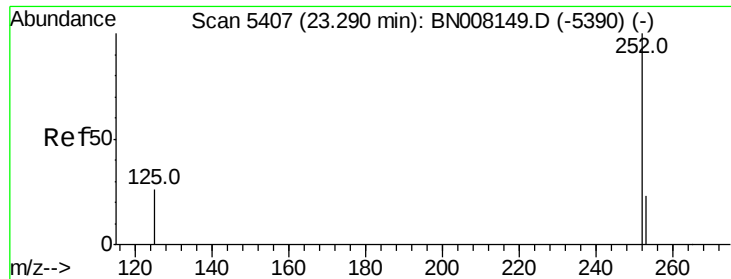
253 32.5 21.3 31.9#

125 31.4 12.3 18.5#



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: 0.118 ng/u1

RT: 23.29 min Scan# 5405

Delta R.T. -0.02 min

Lab File: BN008177.D

Acq: 15 Oct 2019 17:26

Instrument :

BNA_N

ClientSampleId :

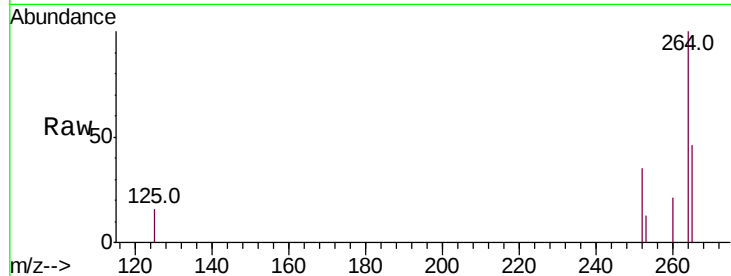
Tot Ion:252 Resp: 6210

Ion Ratio Lower Upper

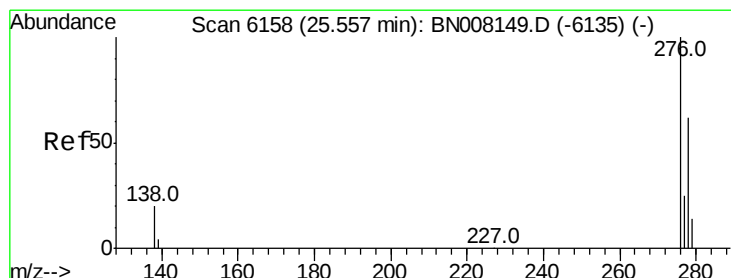
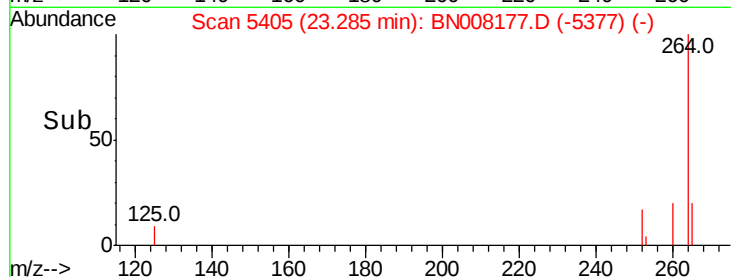
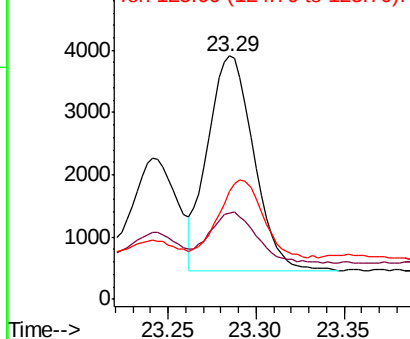
252 100

253 35.7 22.8 34.2#

125 44.5 18.4 27.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.080 ng/u1

RT: 25.55 min Scan# 6155

Delta R.T. -0.03 min

Lab File: BN008177.D

Acq: 15 Oct 2019 17:26

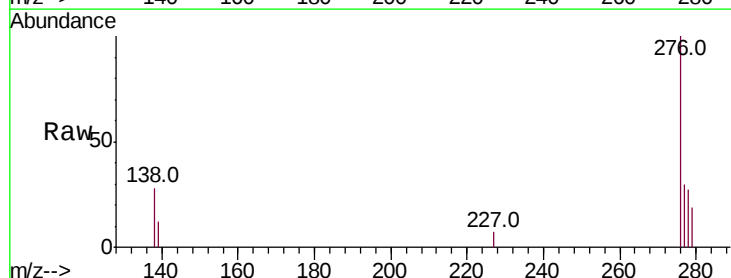
Tgt Ion:276 Resp: 4976

Ion Ratio Lower Upper

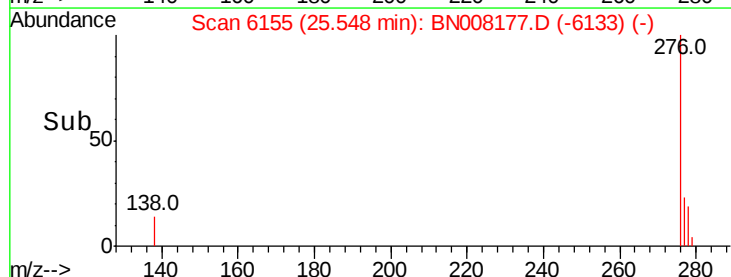
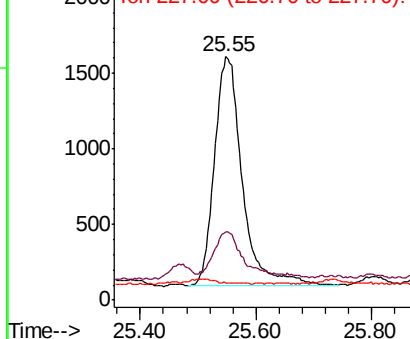
276 100

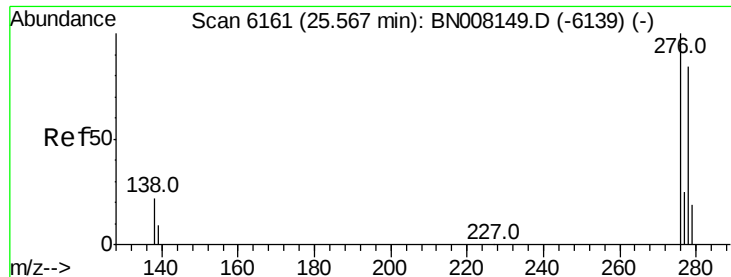
138 21.1 16.1 24.1

227 0.2 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





#25

Dibenzo(a,h)anthracene

Concen: 0.024 ng/ul

RT: 25.56 min Scan# 6158

Delta R.T. -0.03 min

Lab File: BN008177.D

Acq: 15 Oct 2019 17:26

Instrument :

BNA_N

ClientSampleId :

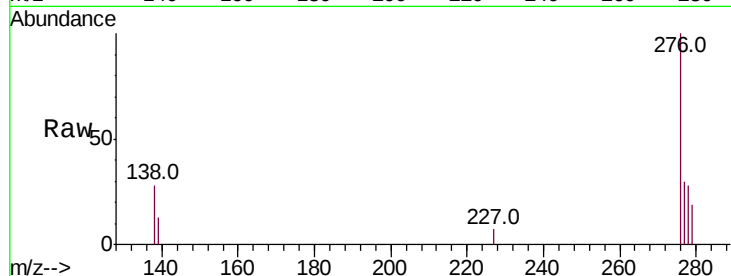
Tot Ion:278 Resp: 1155

Ion Ratio Lower Upper

278 100

139 45.1 15.0 22.6#

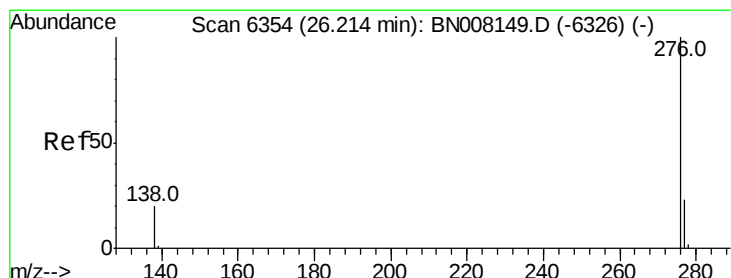
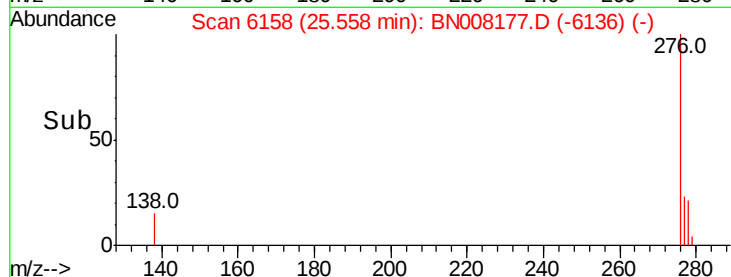
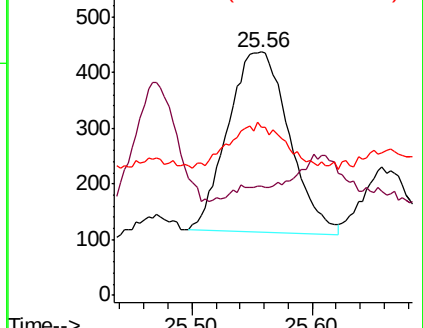
279 69.1 22.4 33.6#



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: 0.076 ng/ul

RT: 26.21 min Scan# 6353

Delta R.T. -0.02 min

Lab File: BN008177.D

Acq: 15 Oct 2019 17:26

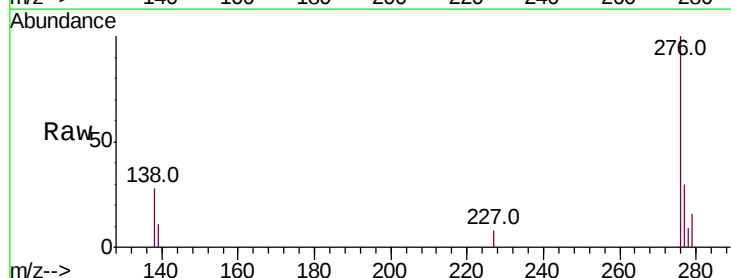
Tgt Ion:276 Resp: 4313

Ion Ratio Lower Upper

276 100

138 28.4 17.0 25.4#

277 30.2 20.4 30.6



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

