

Data File : BN006194.D
Acq On : 08 Jun 2019 16:47
Operator : JU/SJ
Sample : K3016-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51D7

Quant Time: Jun 09 04:23:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4579	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9062	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	787919	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.51	264	22545	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4628	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

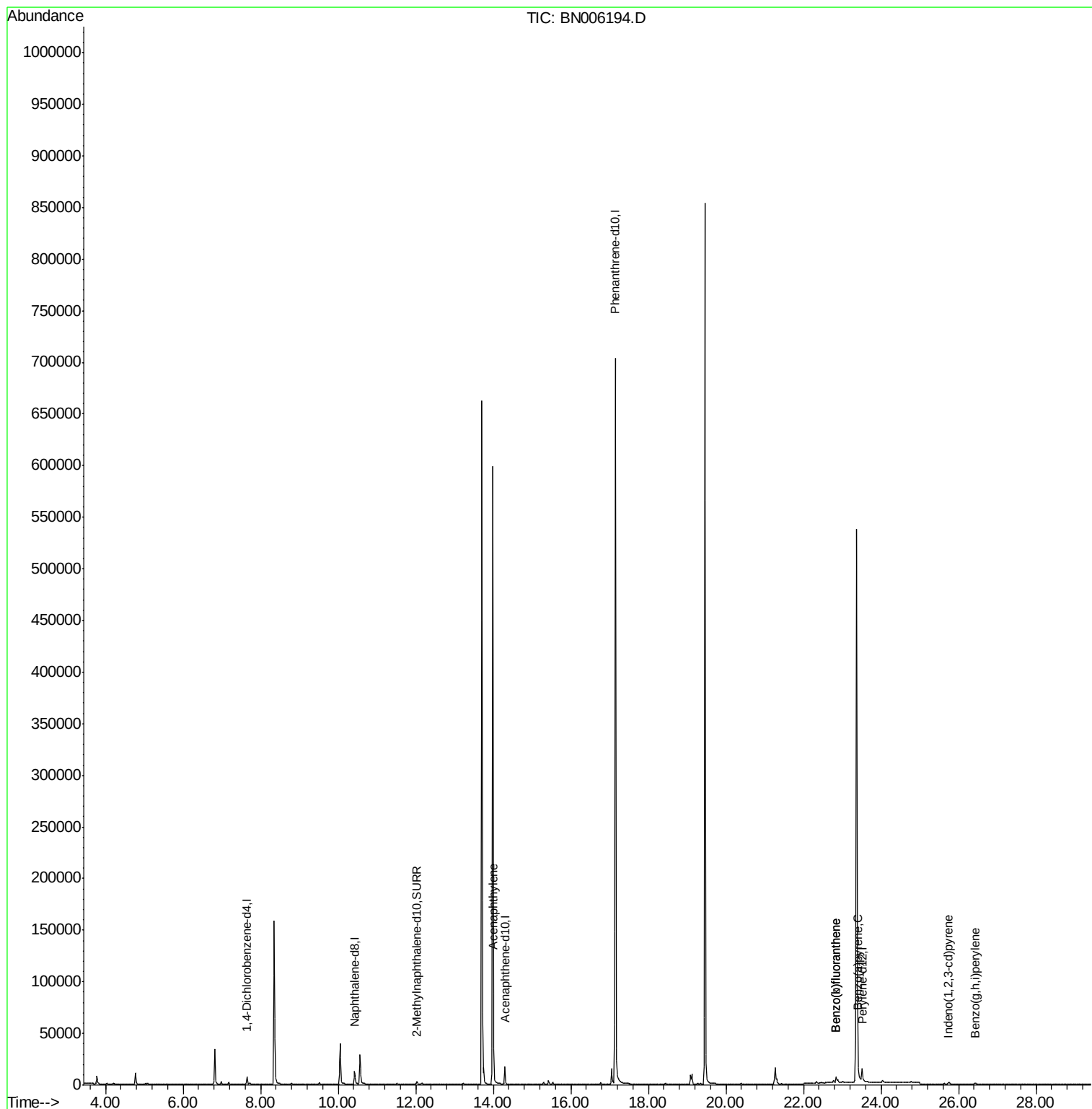
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	1476	0.029	ng/ul#	84
21) Benzo(b)fluoranthene	22.84	252	9243	0.098	ng/ul#	45
22) Benzo(k)fluoranthene	22.84	252	9243	0.101	ng/ul#	42
23) Benzo(a)pyrene	23.41	252	3801	0.043	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	25.75	276	2764	0.029	ng/ul#	96
26) Benzo(g,h,i)perylene	26.43	276	2441	0.031	ng/ul#	83

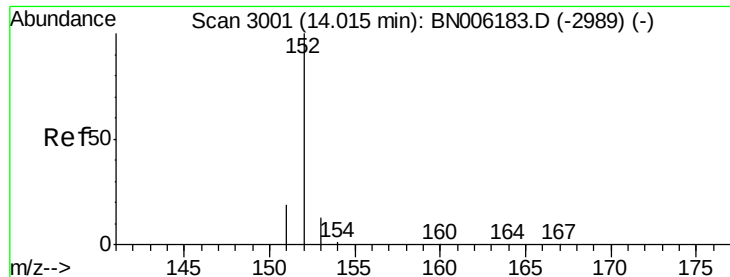
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

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ClientSampleId :

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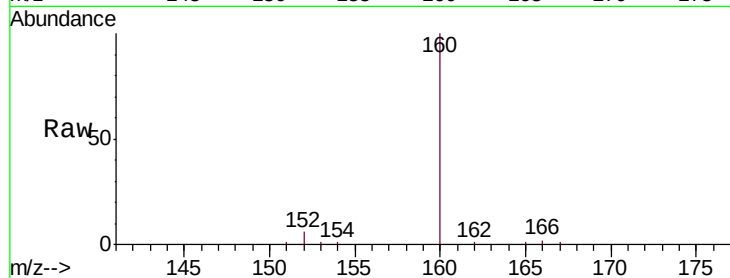
Tgt Ion:152 Resp: 1476

Ion Ratio Lower Upper

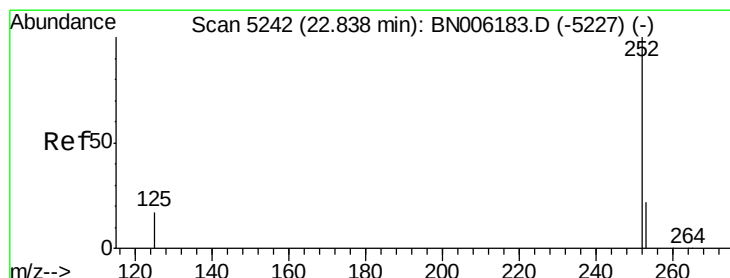
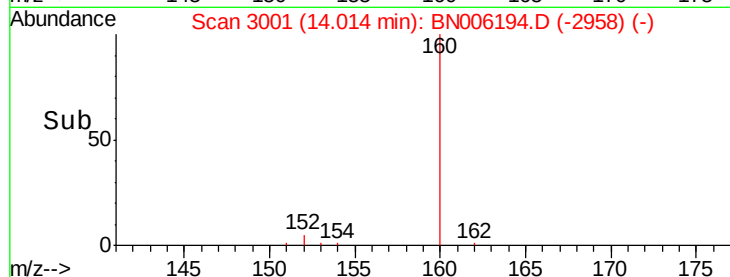
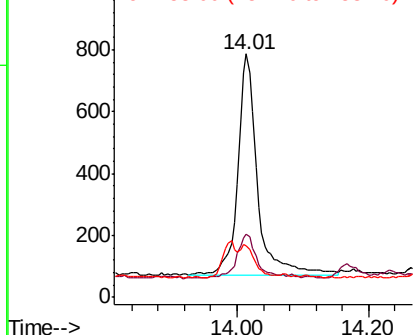
152 100

151 26.0 15.8 23.8#

153 21.2 10.8 16.2#



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



#21

Benzo(b)fluoranthene

Concen: 0.098 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. 0.01 min

Lab File: BN006194.D

Acq: 08 Jun 2019 16:47

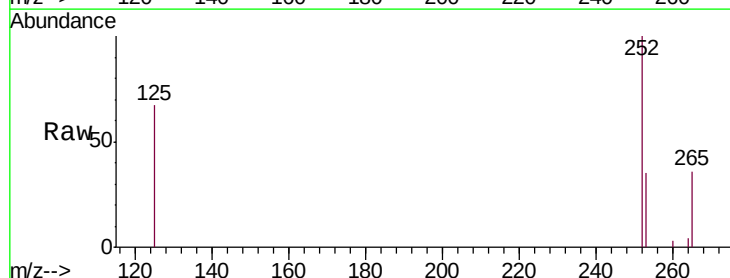
Tgt Ion:252 Resp: 9243

Ion Ratio Lower Upper

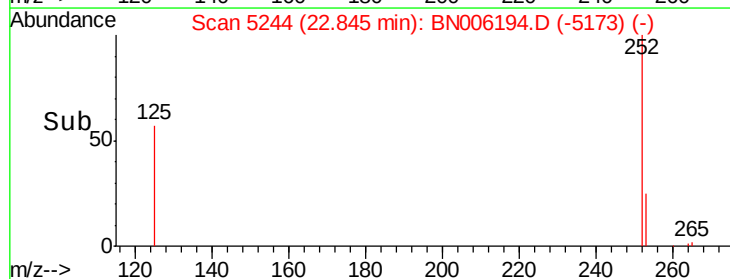
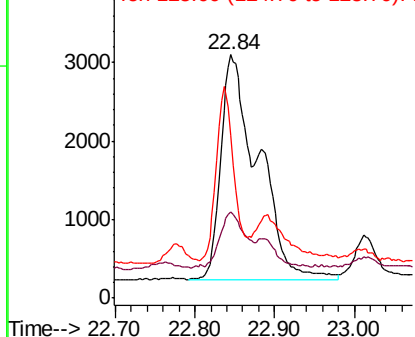
252 100

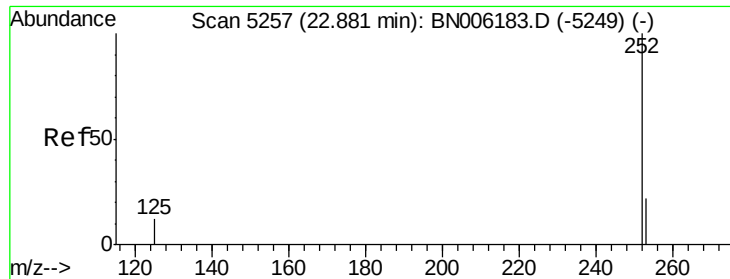
253 35.3 0.0 51.4

125 67.1 0.0 41.0#



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: 0.101 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. -0.04 min

Lab File: BN006194.D

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Instrument :

BNA_N

ClientSampleId :

A51D7

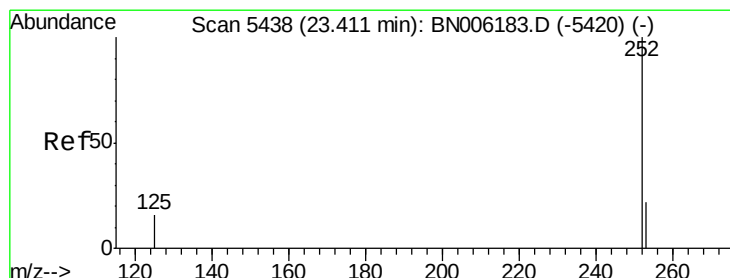
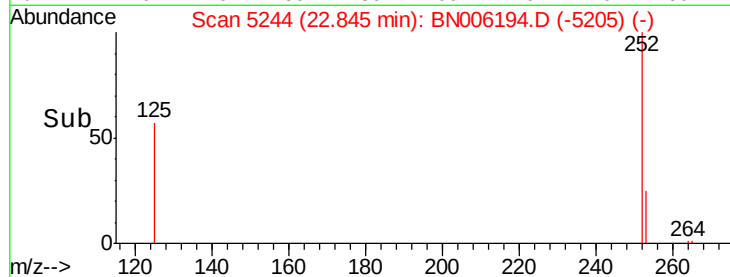
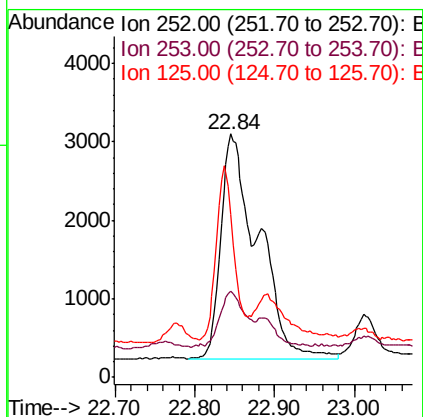
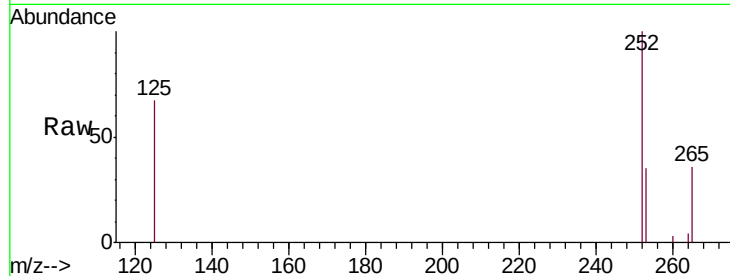
Tgt Ion:252 Resp: 9243

Ion Ratio Lower Upper

252 100

253 35.3 20.3 30.5#

125 67.1 14.3 21.5#



#23

Benzo(a)pyrene

Concen: 0.043 ng/ul

RT: 23.41 min Scan# 5438

Delta R.T. 0.00 min

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Acq: 08 Jun 2019 16:47

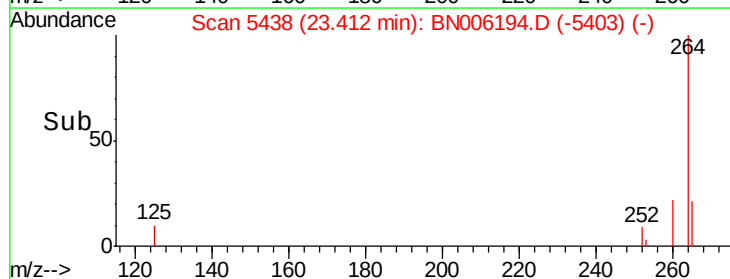
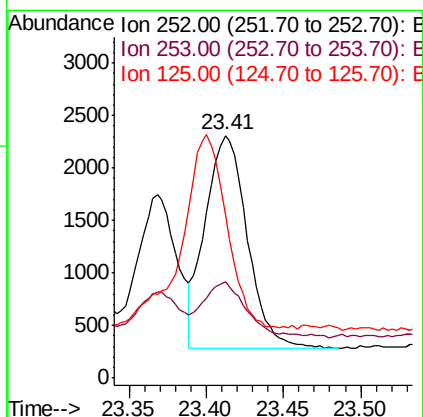
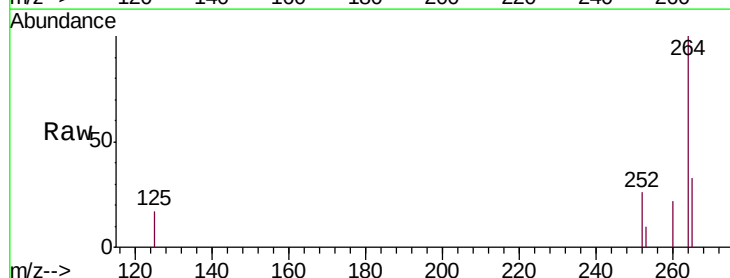
Tgt Ion:252 Resp: 3801

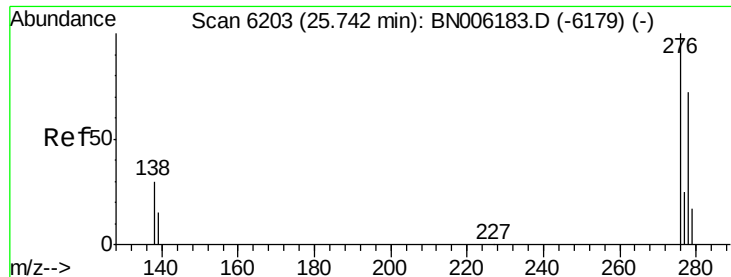
Ion Ratio Lower Upper

252 100

253 39.7 21.1 31.7#

125 66.9 20.3 30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 25.75 min Scan# 6204

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

A51D7

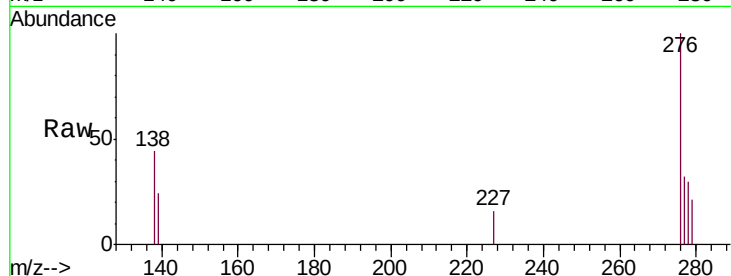
Tgt Ion:276 Resp: 2764

Ion Ratio Lower Upper

276 100

138 34.3 25.6 38.4

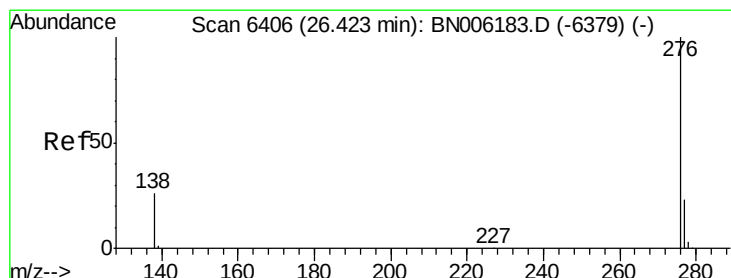
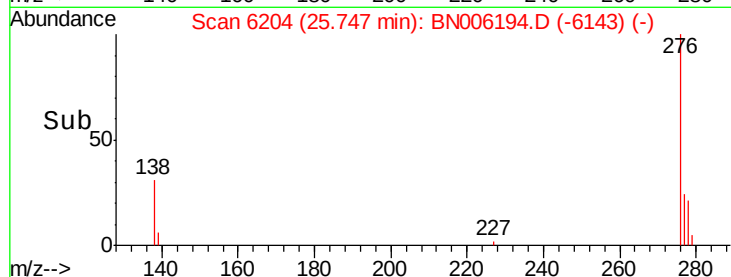
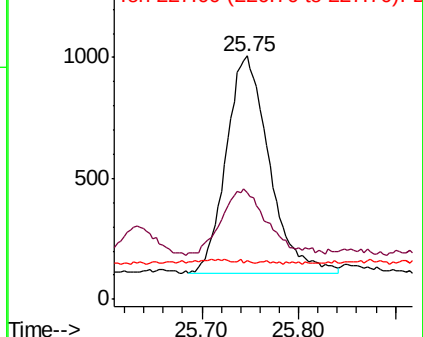
227 0.0 0.3 0.5#



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: 0.031 ng/ul

RT: 26.43 min Scan# 6407

Delta R.T. 0.00 min

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Acq: 08 Jun 2019 16:47

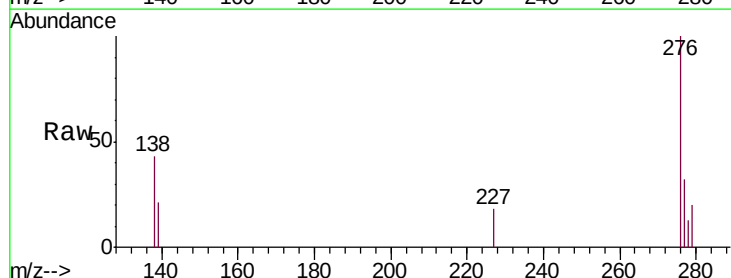
Tgt Ion:276 Resp: 2441

Ion Ratio Lower Upper

276 100

138 42.6 24.2 36.4#

277 32.3 21.5 32.3#



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

