

Data File : BN005670.D
Acq On : 14 May 2019 02:01
Operator : JU/SJ
Sample : K2692-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5172

Quant Time: May 14 07:18:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1304	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5615	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	3689	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	316138	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.42	264	9640	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1354	0.15	ng/ul	0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

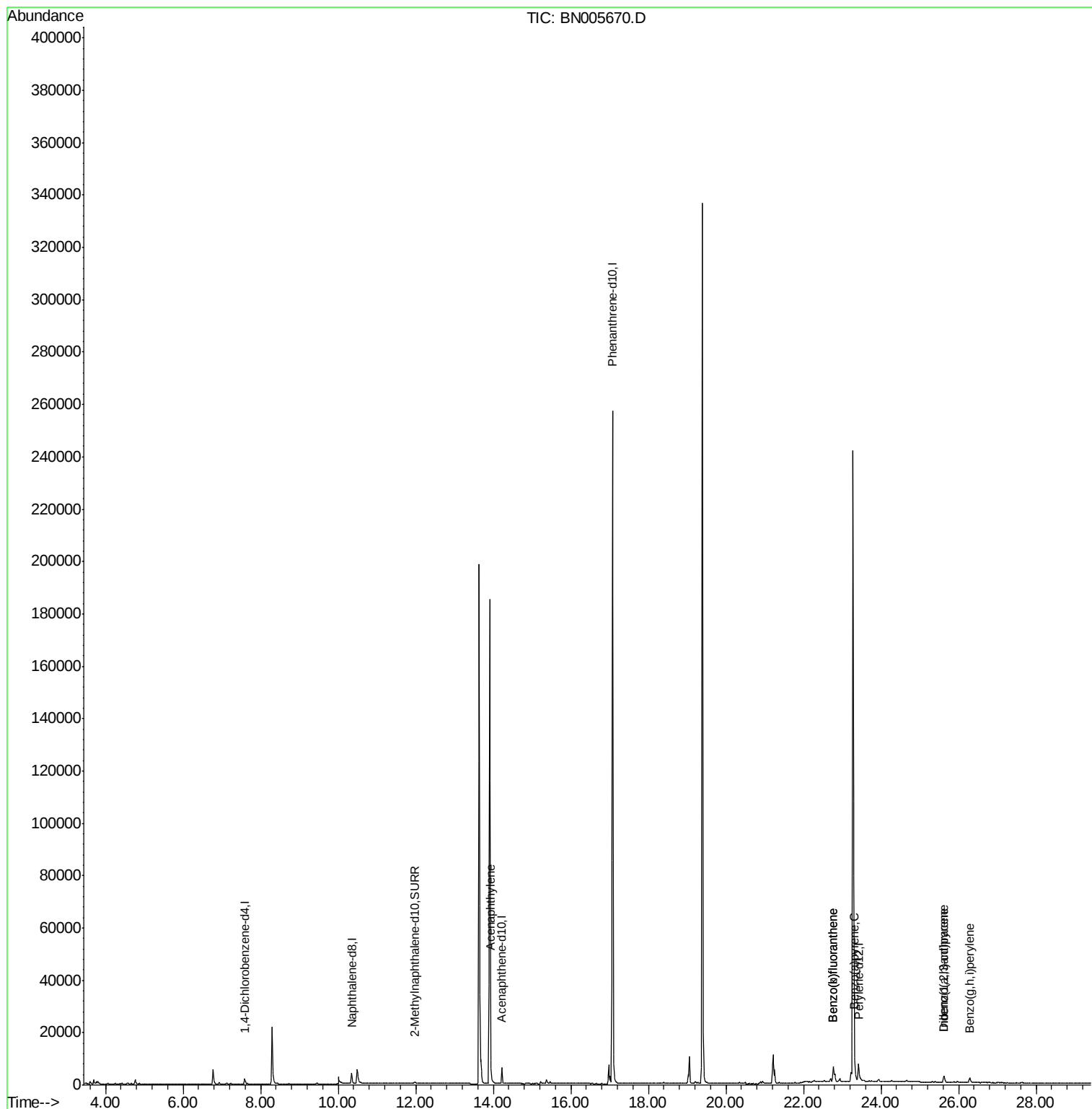
Target Compounds				Qvalue		
7) Acenaphthylene	13.94	152	1628	0.088	ng/ul#	93
21) Benzo(b)fluoranthene	22.77	252	11511	0.397	ng/ul#	79
22) Benzo(k)fluoranthene	22.77	252	11477	0.316	ng/ul#	78
23) Benzo(a)pyrene	23.32	252	5312	0.164	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.62	276	4254	0.117	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.62	278	1066	0.036	ng/ul#	37
26) Benzo(g,h,i)perylene	26.29	276	4131	0.134	ng/ul#	90

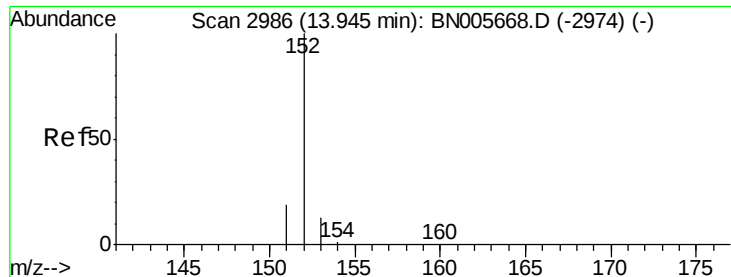
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.088 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

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BNA_N

ClientSampleId :

A5172

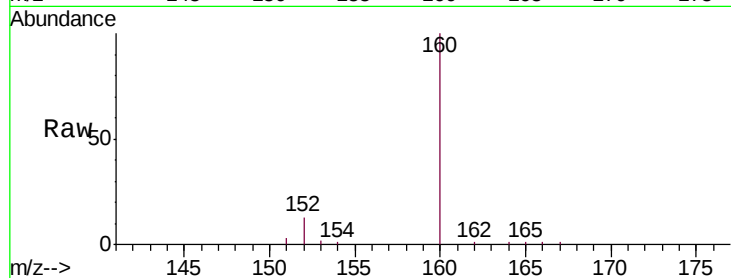
Tgt Ion:152 Resp: 1628

Ion Ratio Lower Upper

152 100

151 24.1 16.7 25.1

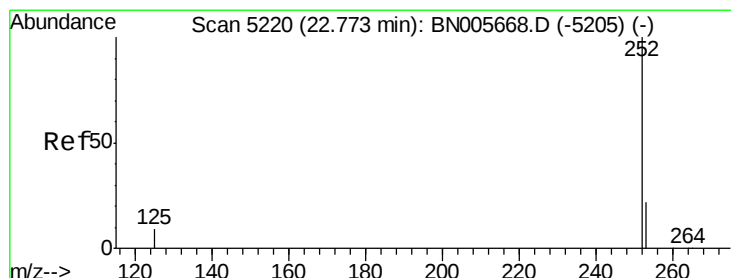
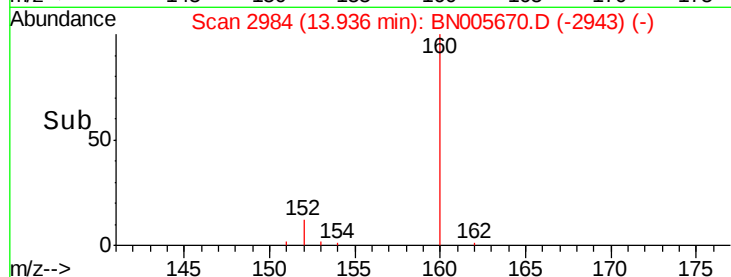
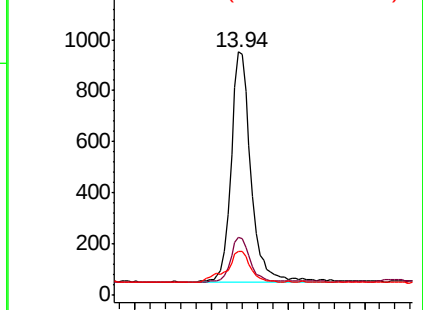
153 18.0 11.6 17.4#



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: 0.397 ng/ul

RT: 22.77 min Scan# 5218

Delta R.T. -0.01 min

Lab File: BN005670.D

Acq: 14 May 2019 02:01

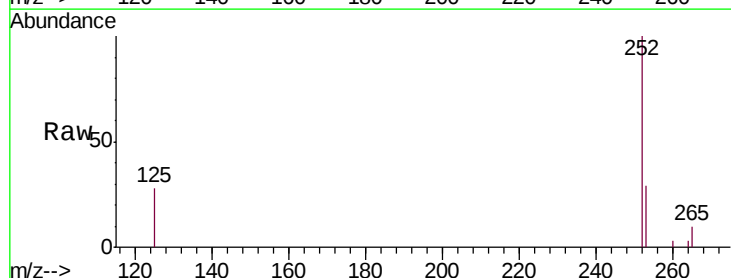
Tgt Ion:252 Resp: 11511

Ion Ratio Lower Upper

252 100

253 28.6 0.0 47.6

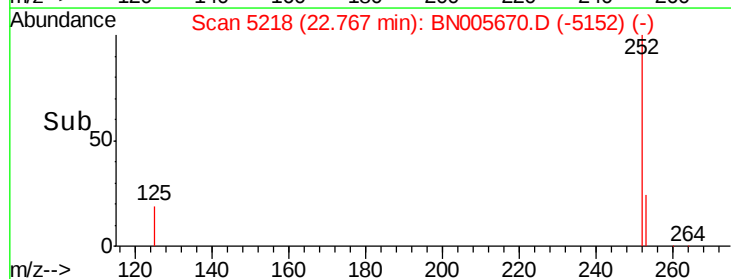
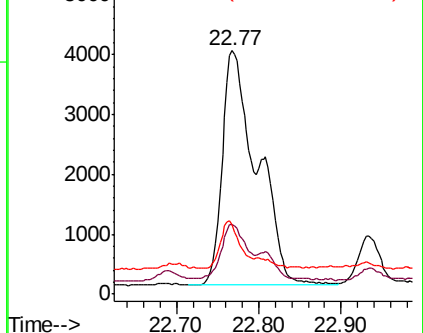
125 28.4 0.0 20.8#

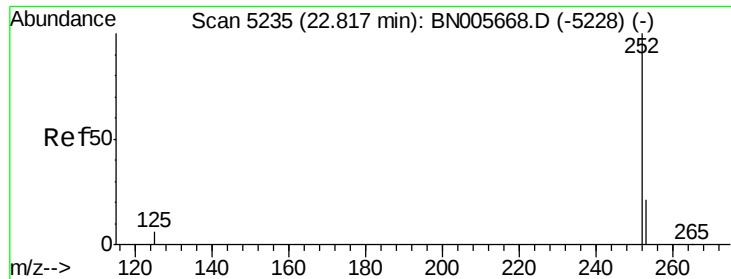


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.316 ng/u1

RT: 22.77 min Scan# 5218

Delta R.T. -0.05 min

Lab File: BN005670.D

Acq: 14 May 2019 02:01

Instrument :

BNA_N

ClientSampleId :

A5172

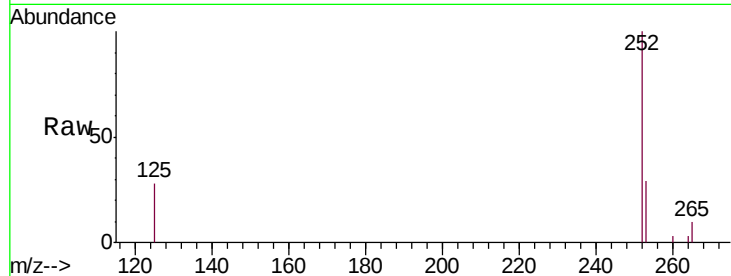
Tgt Ion:252 Resp: 11477

Ion Ratio Lower Upper

252 100

253 28.6 18.8 28.2#

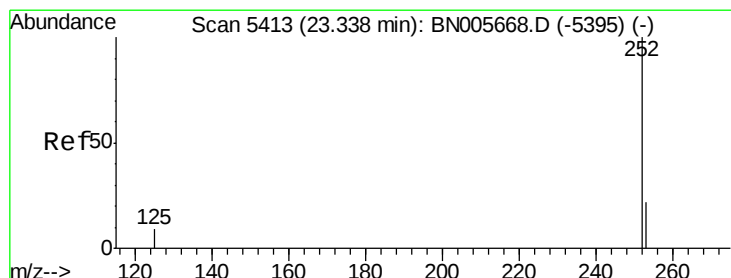
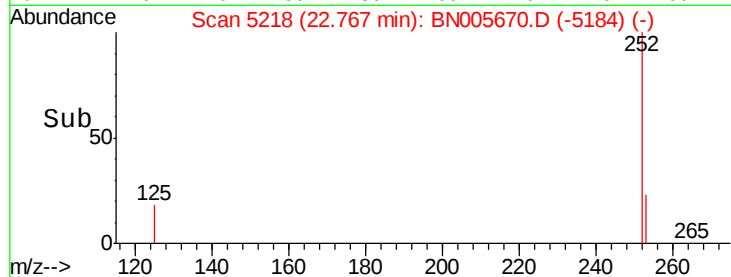
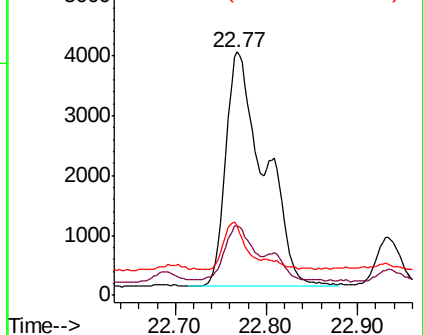
125 28.4 7.6 11.4#



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

Benzo(a)pyrene

Concen: 0.164 ng/u1

RT: 23.32 min Scan# 5408

Delta R.T. -0.01 min

Lab File: BN005670.D

Acq: 14 May 2019 02:01

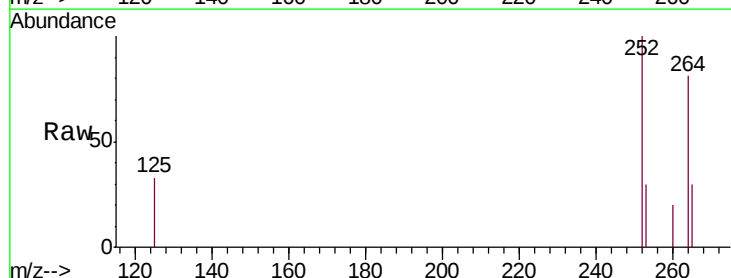
Tgt Ion:252 Resp: 5312

Ion Ratio Lower Upper

252 100

253 30.4 19.6 29.4#

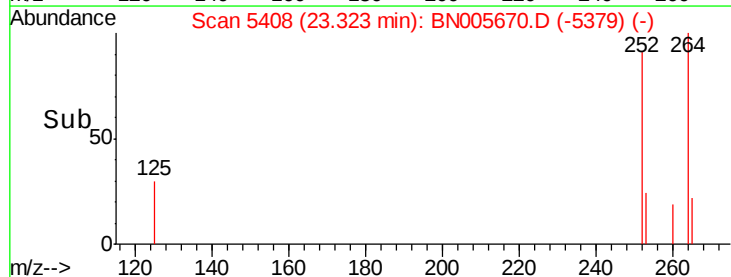
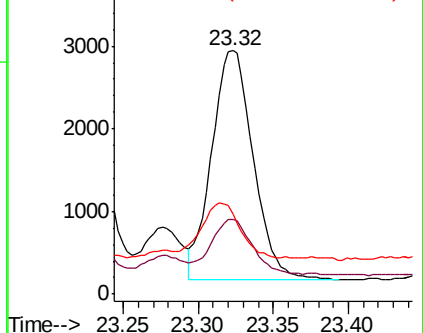
125 33.0 10.1 15.1#

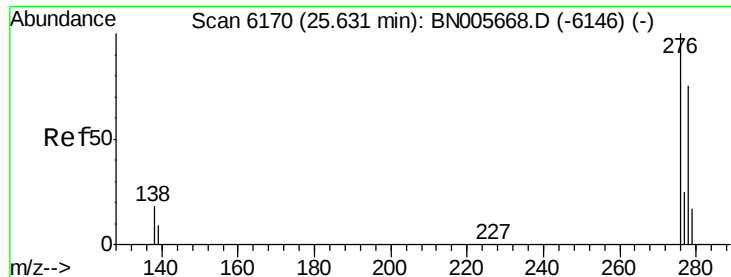


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



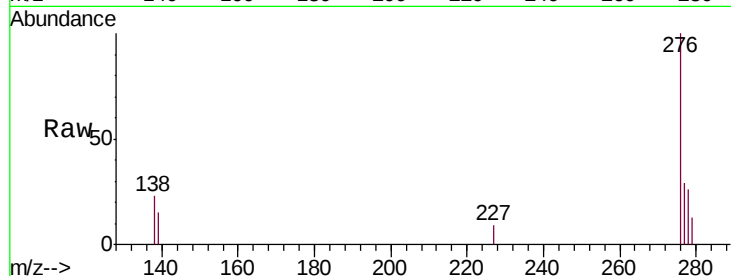


#24

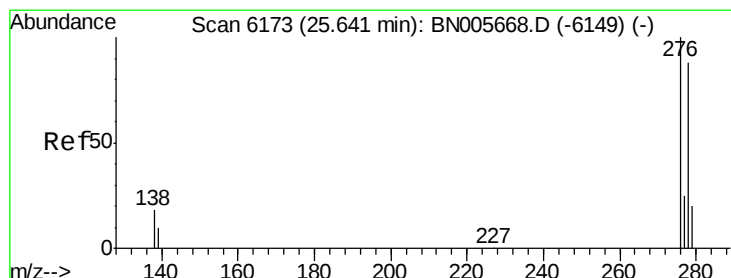
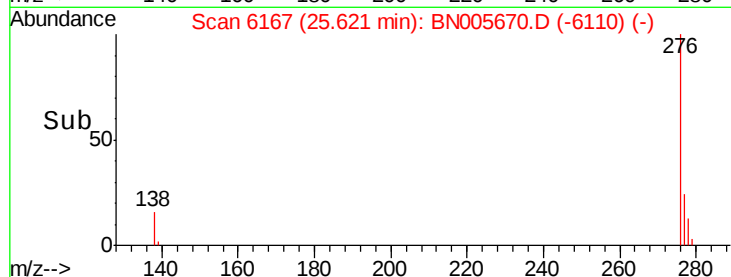
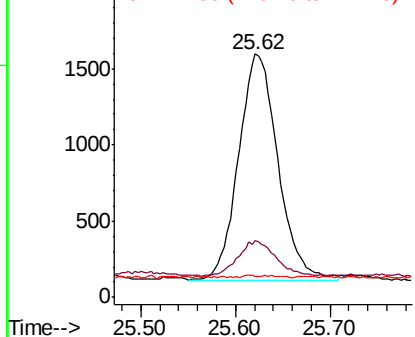
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 25.62 min Scan# 6167
Delta R.T. -0.01 min
Lab File: BN005670.D
Acq: 14 May 2019 02:01

Instrument :
BNA_N
ClientSampleId :
A5172

Tgt Ion: 276 Resp: 4254
Ion Ratio Lower Upper
276 100
138 15.2 15.8 23.8#
227 0.4 0.1 0.1#



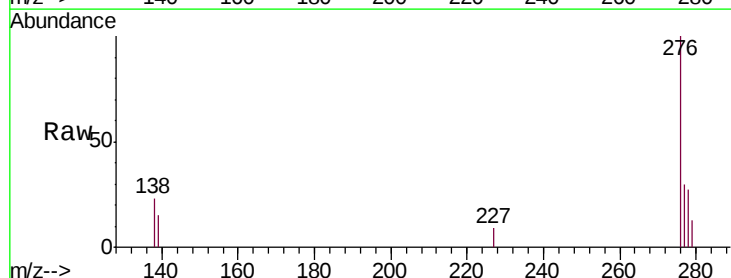
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



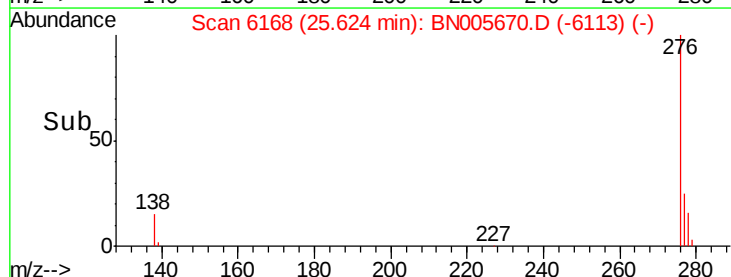
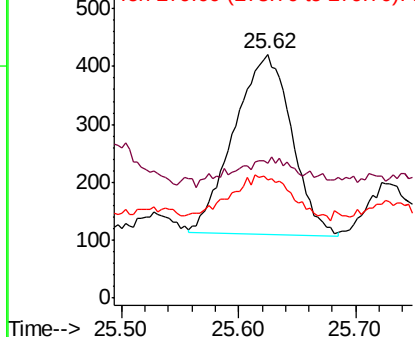
#25

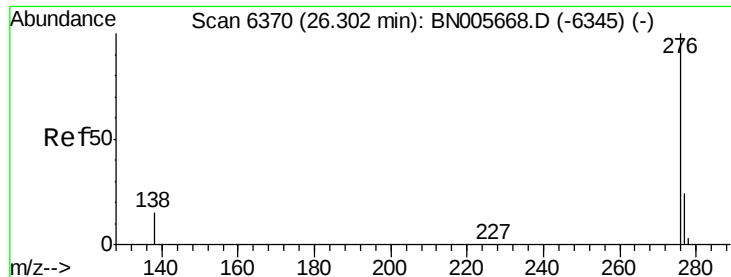
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.62 min Scan# 6168
Delta R.T. -0.02 min
Lab File: BN005670.D
Acq: 14 May 2019 02:01

Tgt Ion: 278 Resp: 1066
Ion Ratio Lower Upper
278 100
139 55.3 12.4 18.6#
279 48.7 21.0 31.4#



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: 0.134 ng/ul

RT: 26.29 min Scan# 6366

Delta R.T. -0.01 min

Lab File: BN005670.D

Acq: 14 May 2019 02:01

Instrument :

BNA_N

ClientSampleId :

A5172

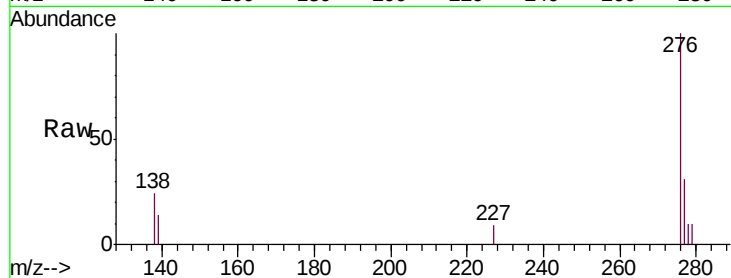
Tgt Ion:276 Resp: 4131

Ion Ratio Lower Upper

276 100

138 24.5 15.6 23.4#

277 30.5 20.6 31.0



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

