

Data File : BN005673.D
Acq On : 14 May 2019 03:45
Operator : JU/SJ
Sample : K2692-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5113

Quant Time: May 14 07:18:27 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	7.58	152	1123	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	4828	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3337	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	622584	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.28	264	737464	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2393	0.32	ng/ul	-0.02
14) Fluoranthene-d10	19.09	212	336	0.00	ng/ul	0.05

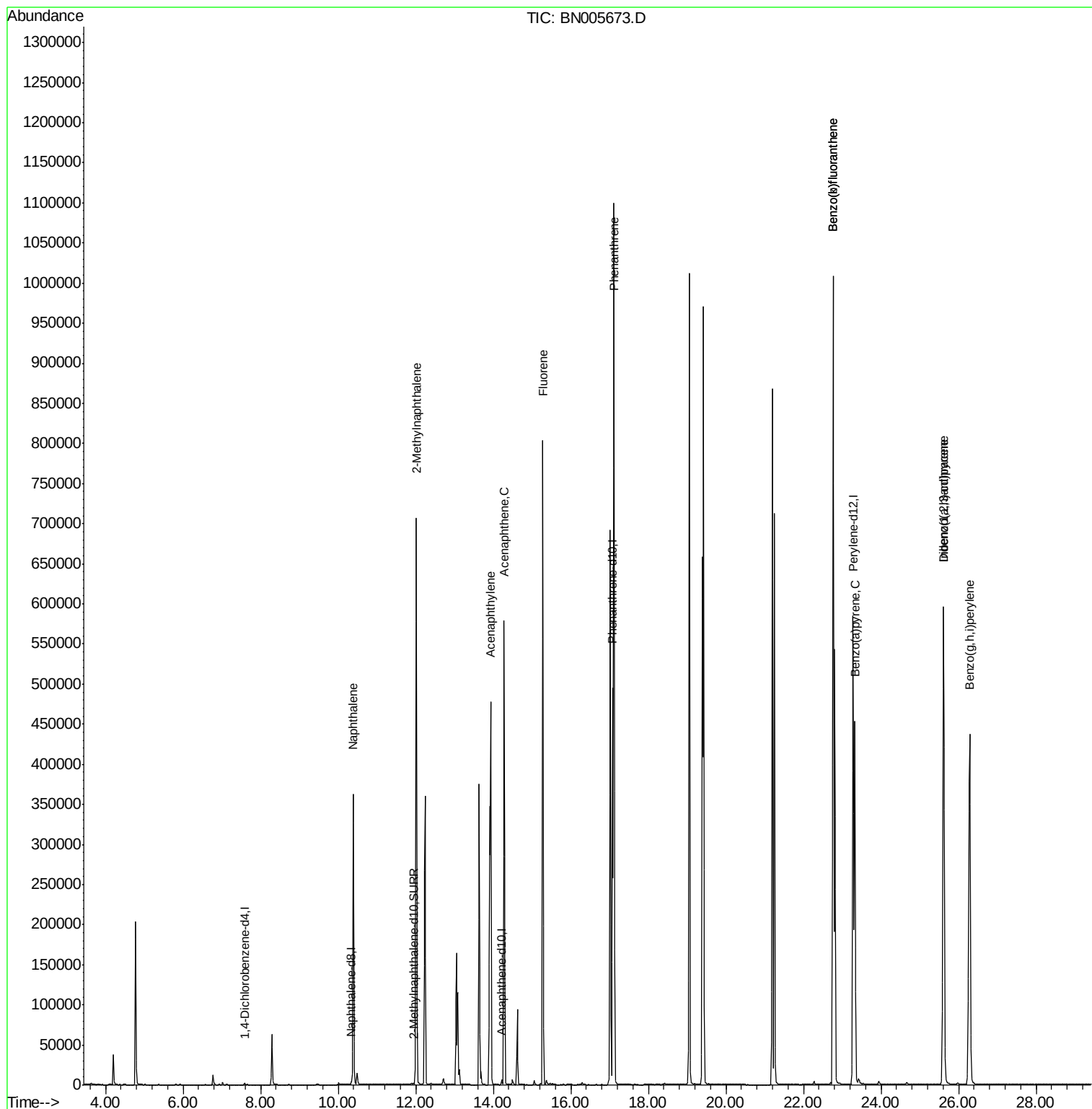
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	483636	37.855	ng/ul	96
5) 2-Methylnaphthalene	12.01	142	497435	57.019	ng/ul	98
7) Acenaphthylene	13.94	152	504274	30.013	ng/ul	97
8) Acenaphthene	14.28	153	336420	28.300	ng/ul	96
9) Fluorene	15.28	166	496593	35.757	ng/ul	98
12) Phenanthrene	17.11	178	1133603	0.668	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	1278334	0.577	ng/ul	95
22) Benzo(k)fluoranthene	22.76	252	1278334	0.460	ng/ul#	96
23) Benzo(a)pyrene	23.32	252	431879	0.174	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.61	276	712849	0.257	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.62	278	400982	0.175	ng/ul#	93
26) Benzo(g,h,i)perylene	26.28	276	917889	0.388	ng/ul#	94

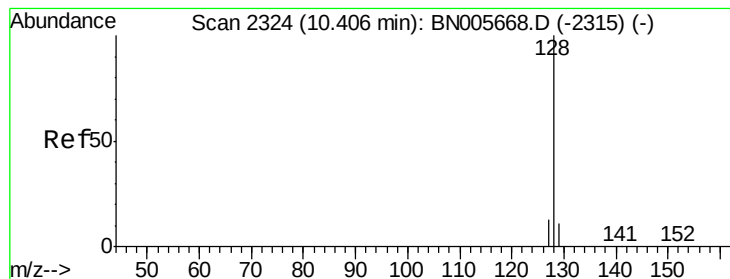
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 37.855 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.02 min

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ClientSampleId :

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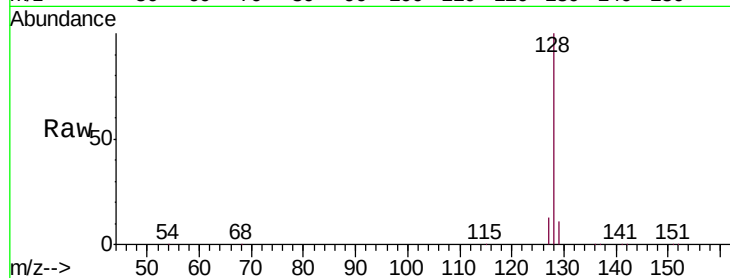
Tgt Ion:128 Resp: 483636

Ion Ratio Lower Upper

128 100

129 11.0 10.2 15.2

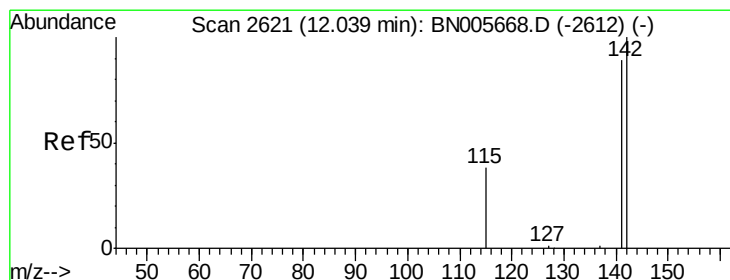
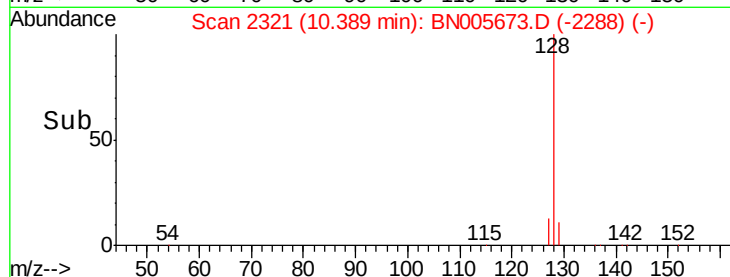
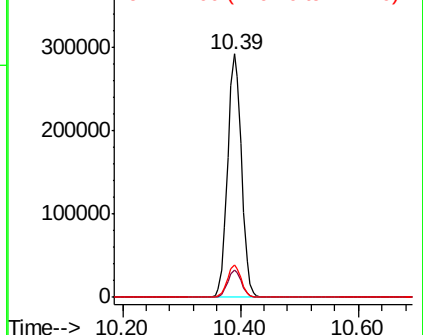
127 13.2 11.8 17.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 57.019 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. -0.03 min

Lab File: BN005673.D

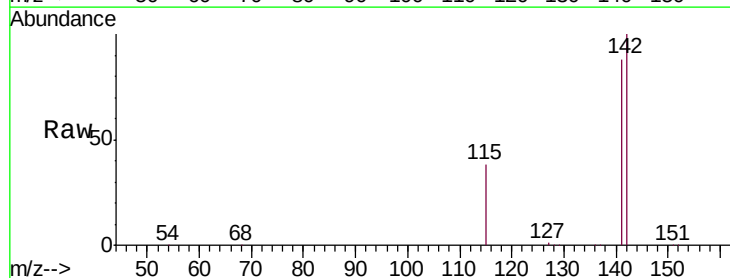
Acq: 14 May 2019 03:45

Tgt Ion:142 Resp: 497435

Ion Ratio Lower Upper

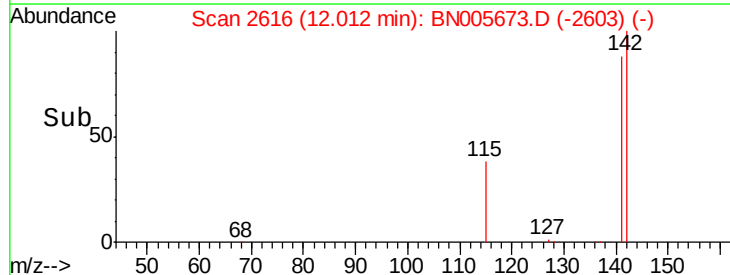
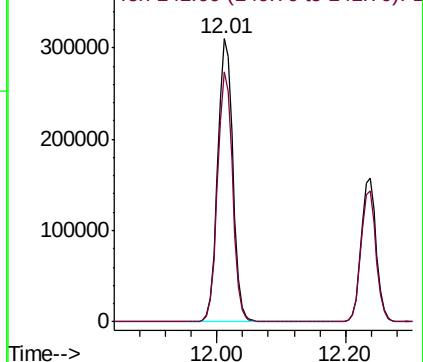
142 100

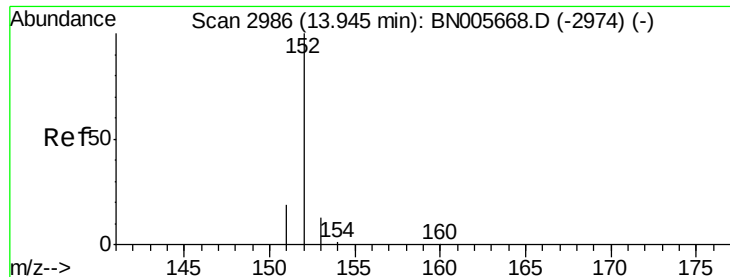
141 88.1 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 30.013 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

Instrument :

BNA_N

ClientSampleId :

A5113

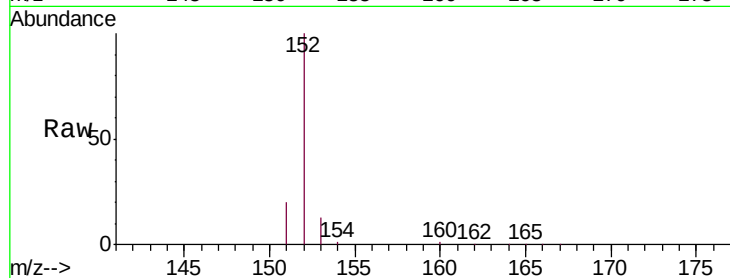
Tgt Ion:152 Resp: 504274

Ion Ratio Lower Upper

152 100

151 19.5 16.7 25.1

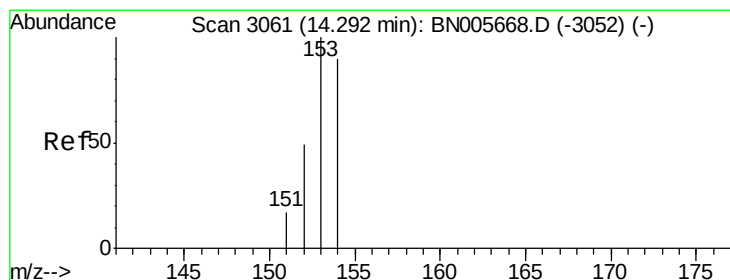
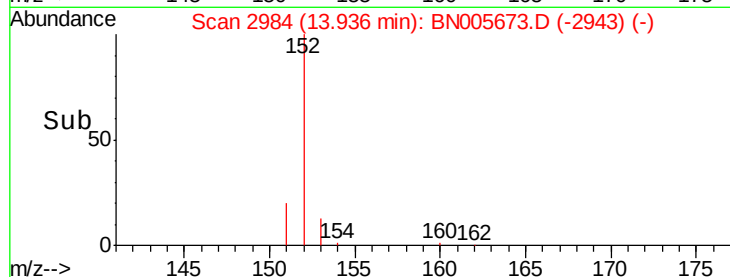
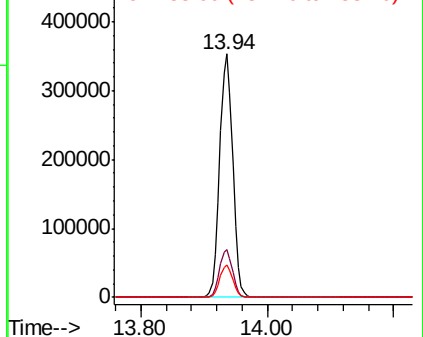
153 13.2 11.6 17.4



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



#8

Acenaphthene

Concen: 28.300 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

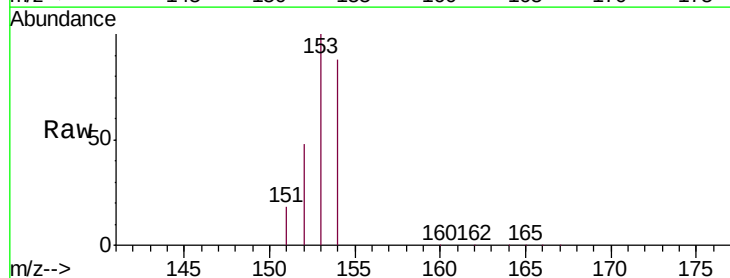
Tgt Ion:153 Resp: 336420

Ion Ratio Lower Upper

153 100

152 48.2 40.8 61.2

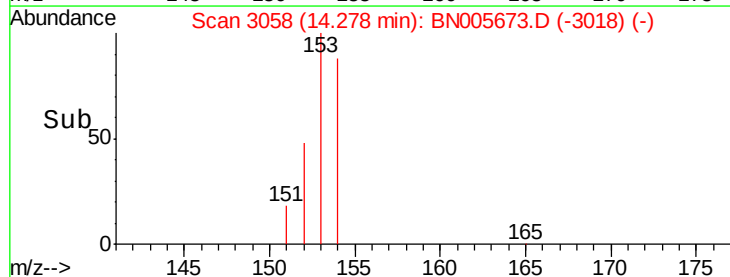
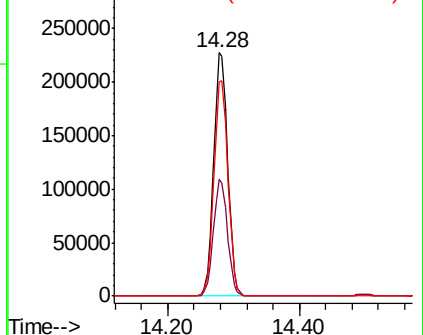
154 88.1 73.2 109.8

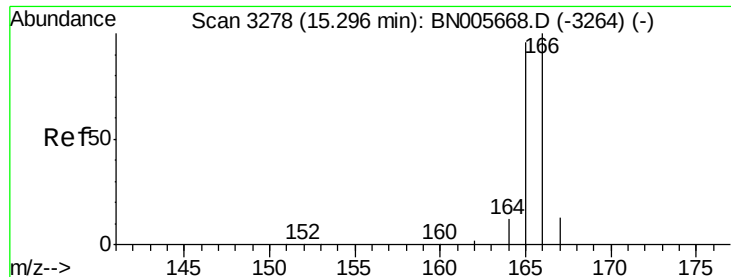


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 35.757 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

Instrument :

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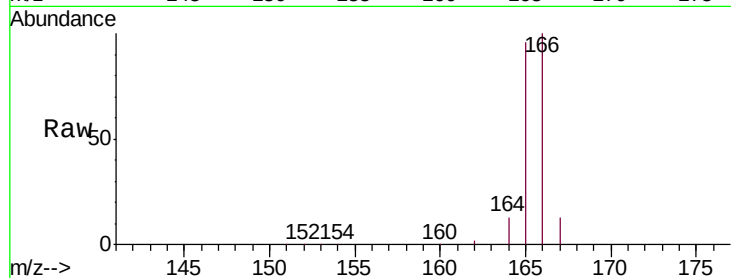
Tgt Ion:166 Resp: 496593

Ion Ratio Lower Upper

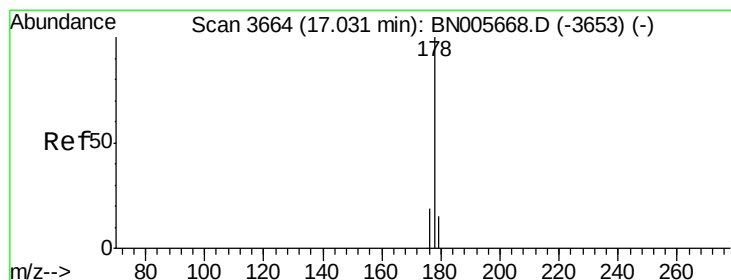
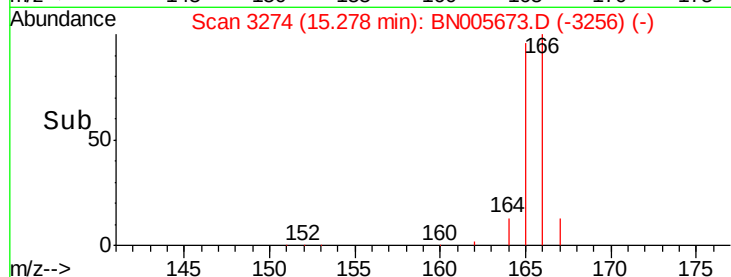
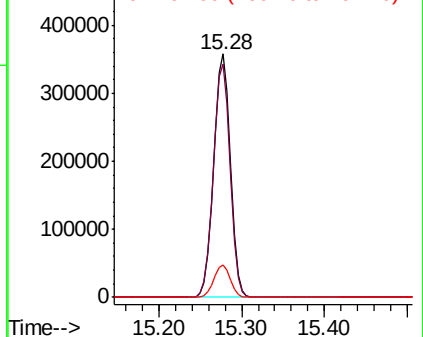
166 100

165 95.8 78.0 117.0

167 13.2 12.2 18.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.668 ng/ul

RT: 17.11 min Scan# 3683

Delta R.T. 0.08 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

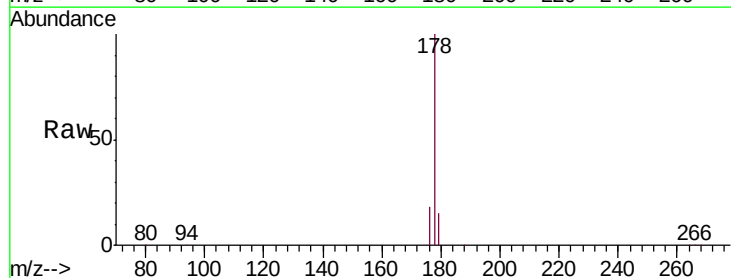
Tgt Ion:178 Resp: 1133603

Ion Ratio Lower Upper

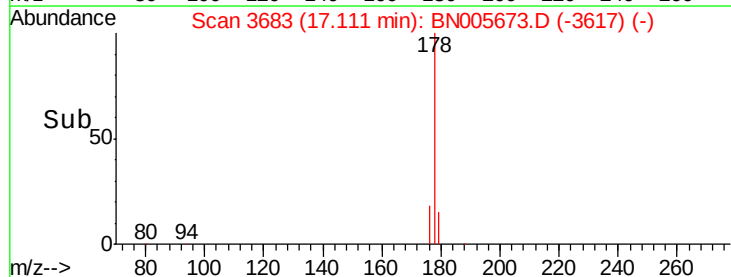
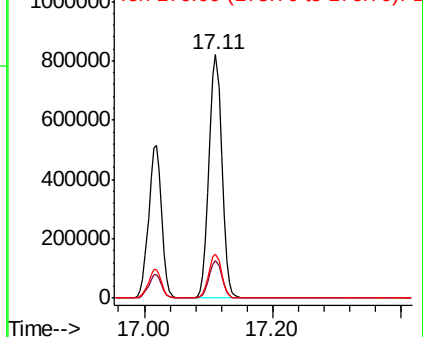
178 100

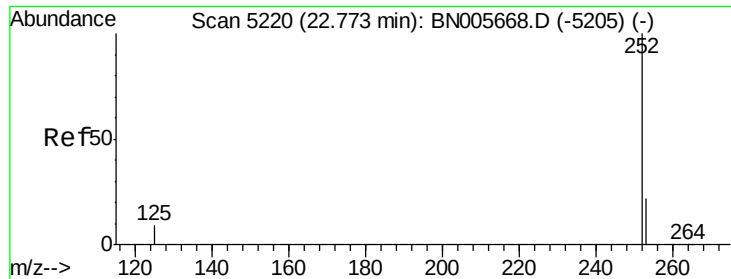
179 15.5 12.8 19.2

176 18.1 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#21

Benzo(b)fluoranthene

Concen: 0.577 ng/uL

RT: 22.76 min Scan# 5217

Delta R.T. -0.01 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

Instrument :

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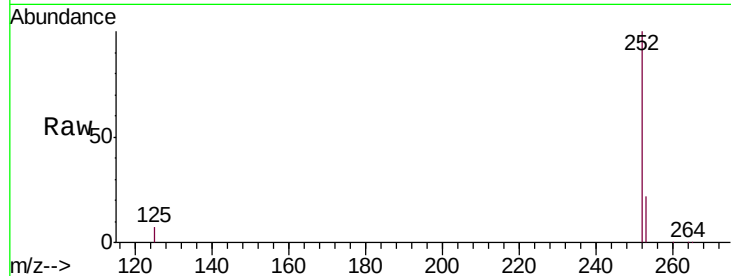
Tgt Ion:252 Resp: 1278334

Ion Ratio Lower Upper

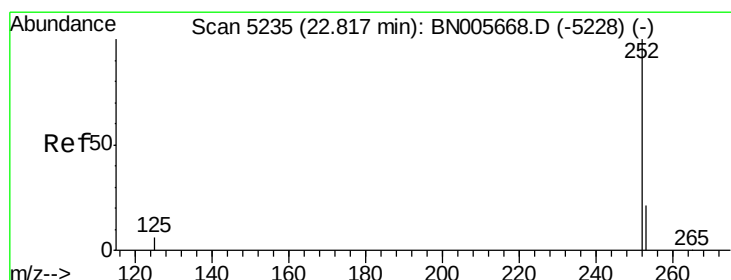
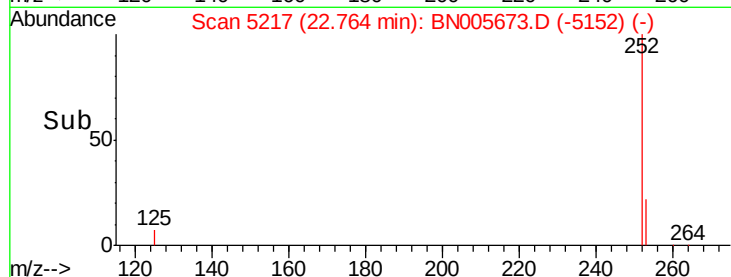
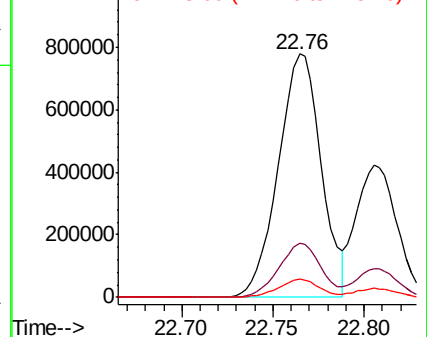
252 100

253 22.0 0.0 47.6

125 7.4 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: 0.460 ng/uL

RT: 22.76 min Scan# 5217

Delta R.T. -0.05 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

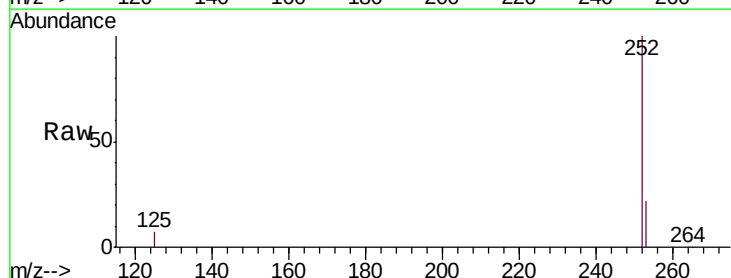
Tgt Ion:252 Resp: 1278334

Ion Ratio Lower Upper

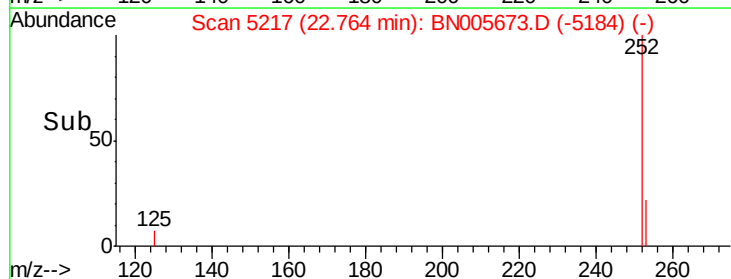
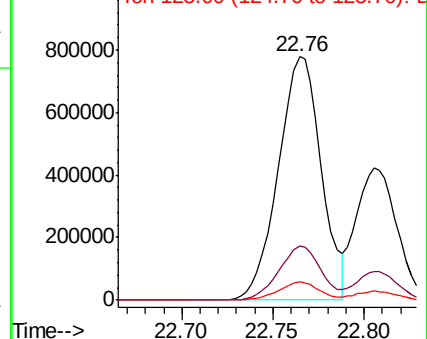
252 100

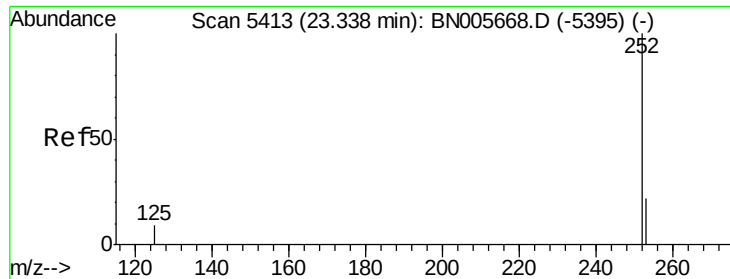
253 22.0 18.8 28.2

125 7.4 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: 0.174 ng/ul

RT: 23.32 min Scan# 5408

Delta R.T. -0.01 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

Instrument :

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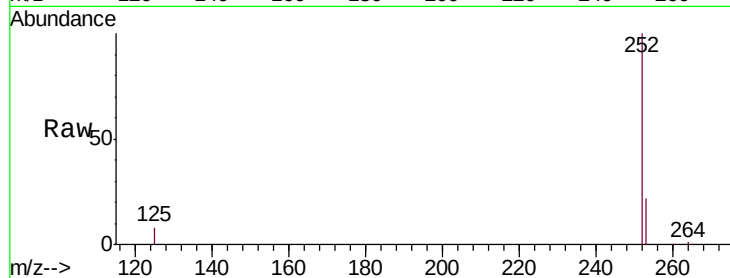
Tgt Ion:252 Resp: 431879

Ion Ratio Lower Upper

252 100

253 21.8 19.6 29.4

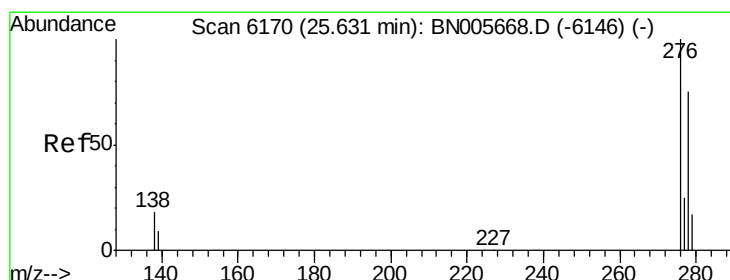
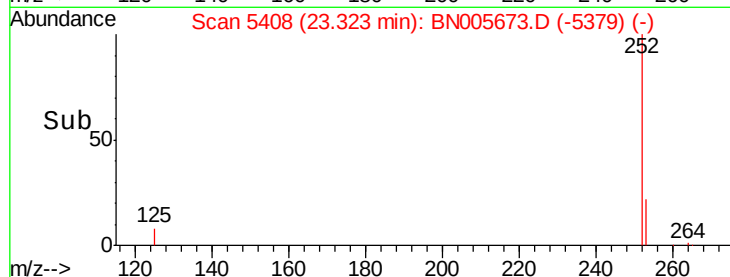
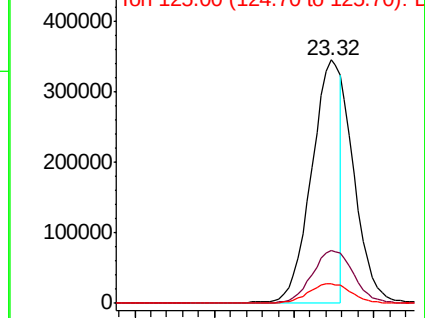
125 8.1 10.1 15.1#



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: 0.257 ng/ul

RT: 25.61 min Scan# 6165

Delta R.T. -0.02 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

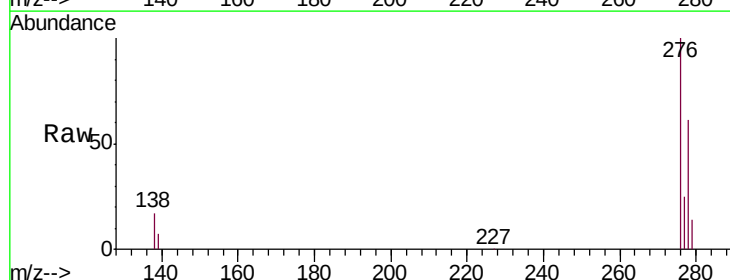
Tgt Ion:276 Resp: 712849

Ion Ratio Lower Upper

276 100

138 16.4 15.8 23.8

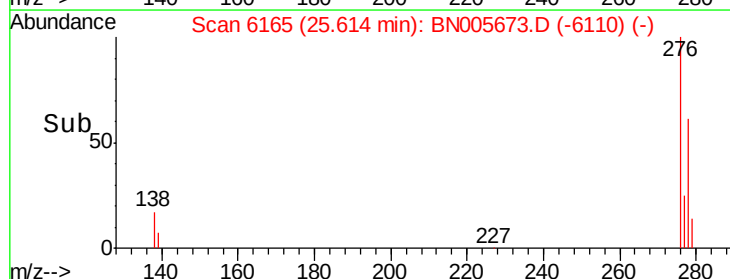
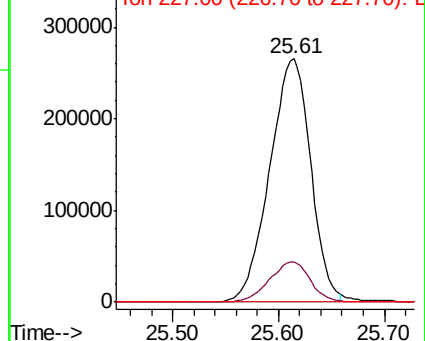
227 0.2 0.1 0.1#

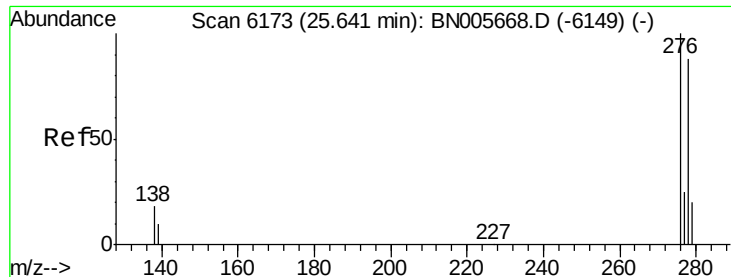


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.175 ng/ul

RT: 25.62 min Scan# 6166

Delta R.T. -0.02 min

Lab File: BN005673.D

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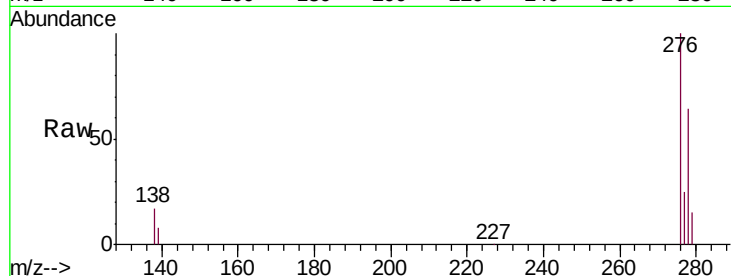
Tgt Ion:278 Resp: 400982

Ion Ratio Lower Upper

278 100

139 11.8 12.4 18.6#

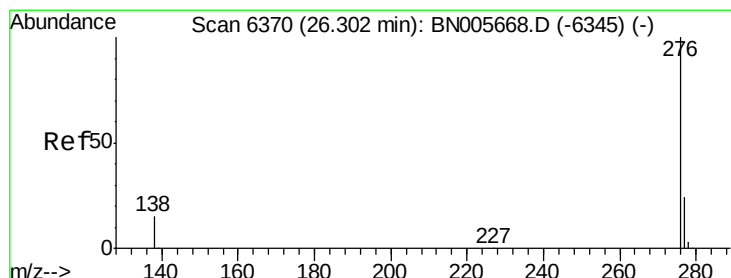
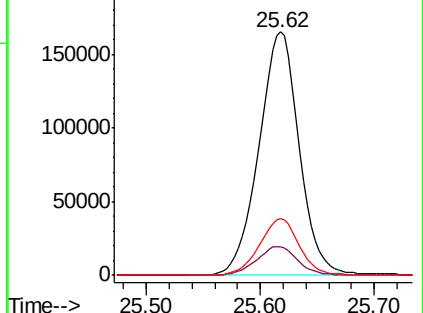
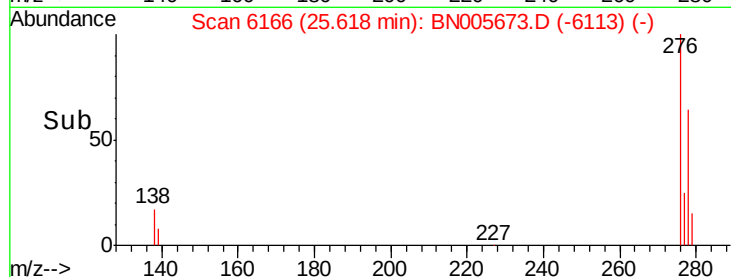
279 23.2 21.0 31.4



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: 0.388 ng/ul

RT: 26.28 min Scan# 6364

Delta R.T. -0.02 min

Lab File: BN005673.D

Acq: 14 May 2019 03:45

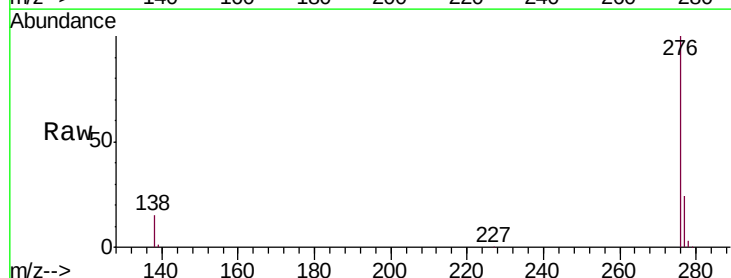
Tgt Ion:276 Resp: 917889

Ion Ratio Lower Upper

276 100

138 15.2 15.6 23.4#

277 23.7 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

