

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004268.D
 Acq On : 28 Dec 2018 18:31
 Operator : JU/SJ
 Sample : PB115985BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK85

Quant Time: Dec 28 22:20:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2158	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	9574	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	5800	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1357650	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.58	264	1665880	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.21	152	6163	0.42	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

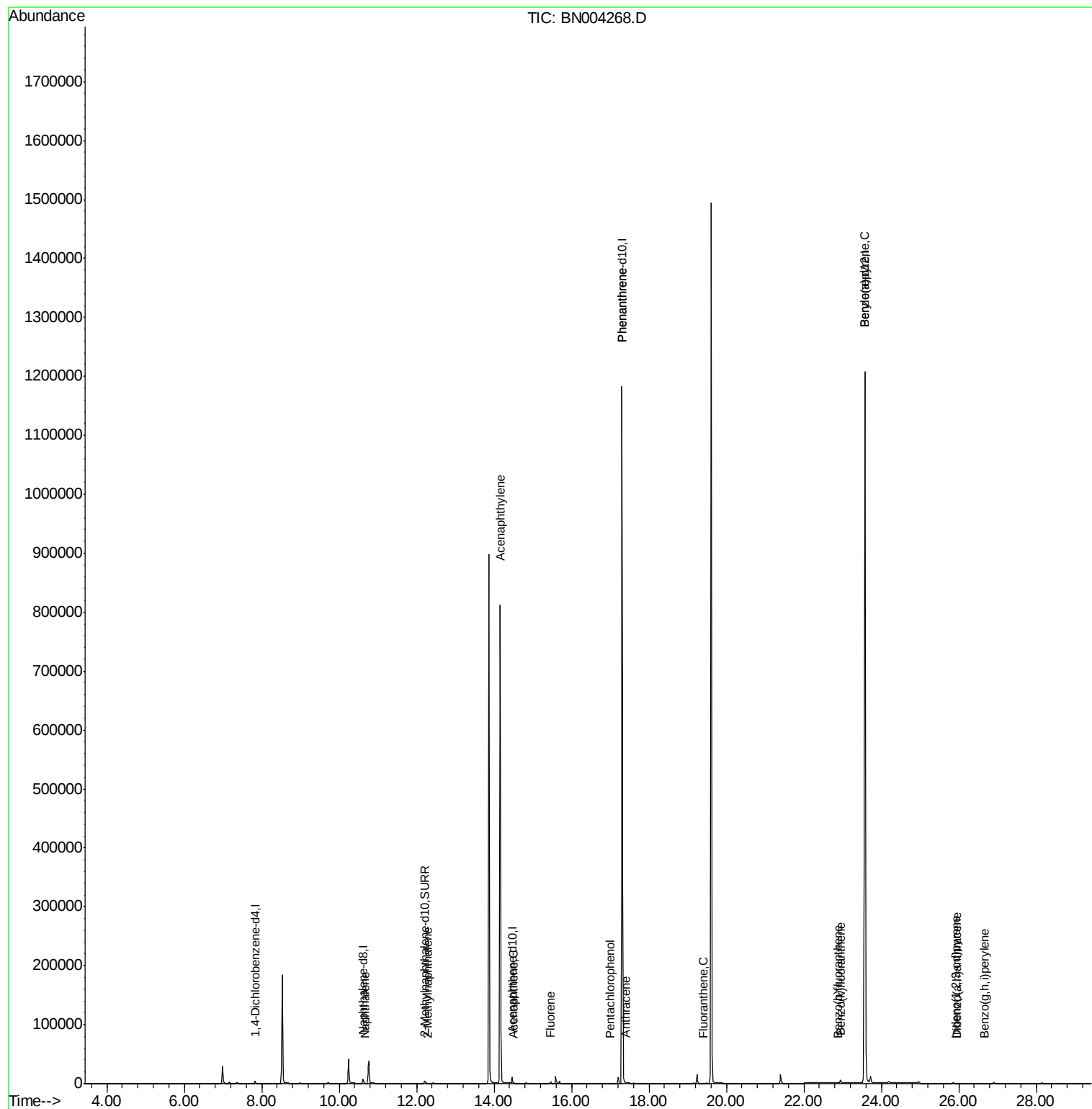
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.66	128	54	0.002	ng/ul#	1
5) 2-Methylnaphthalene	12.28	142	31	0.002	ng/ul	98
7) Acenaphthylene	14.15	152	59	0.002	ng/ul#	1
8) Acenaphthene	14.51	153	14	0.001	ng/ul#	68
9) Fluorene	15.45	166	2191	0.083	ng/ul#	13
11) Pentachlorophenol	16.99	266	2	0.000	ng/ul#	50
12) Phenanthrene	17.31	178	610	0.000	ng/ul#	1
13) Anthracene	17.40	178	7	0.000	ng/ul#	1
15) Fluoranthene	19.42	202	8	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.86	252	10	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	114	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.58	252	6395	0.001	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.94	276	5	0.000	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.94	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.67	276	6	0.000	ng/ul#	1

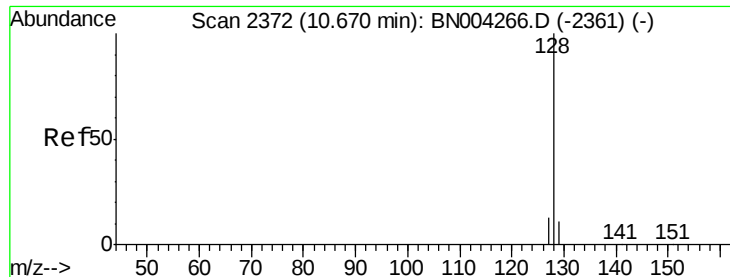
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.002 ng/ul

RT: 10.66 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

SBLK85

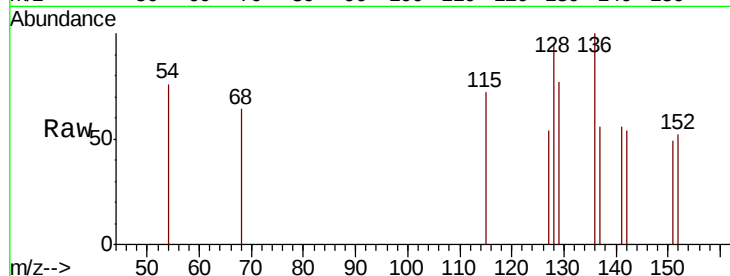
Tgt Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

129 80.9 9.5 14.3#

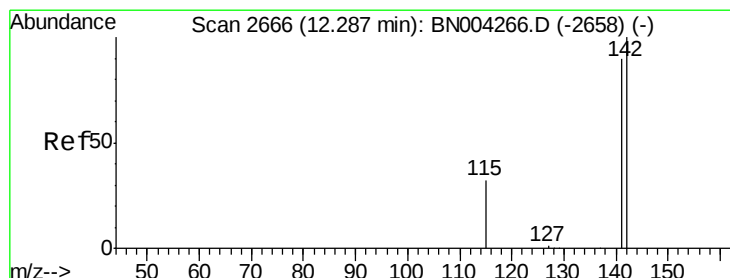
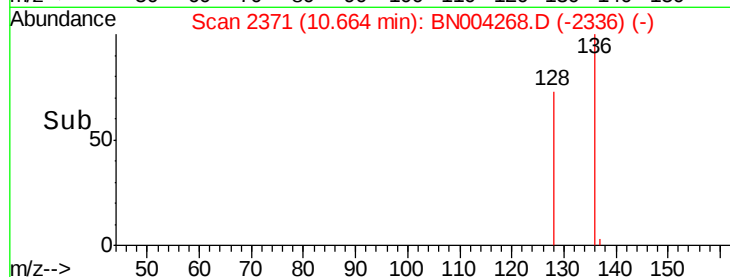
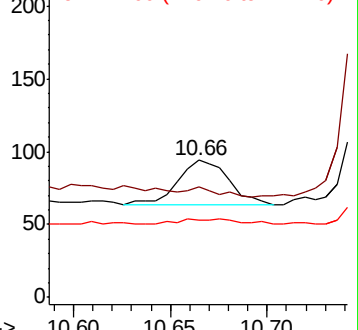
127 56.4 11.0 16.4#



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: 0.002 ng/ul

RT: 12.28 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BN004268.D

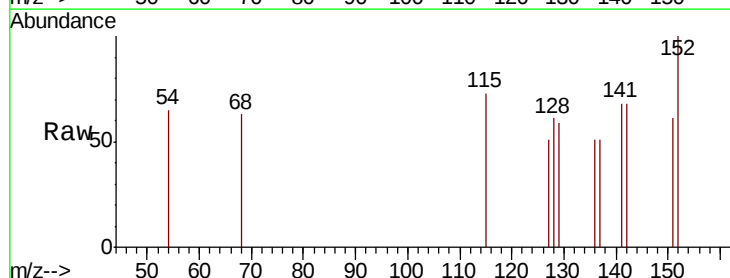
Acq: 28 Dec 2018 18:31

Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

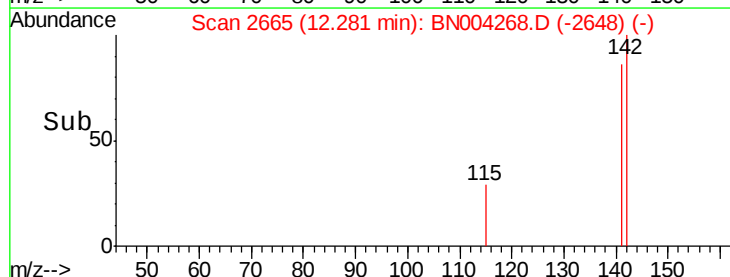
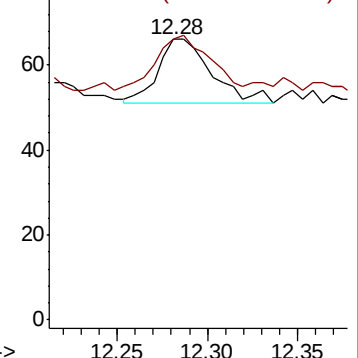
142 100

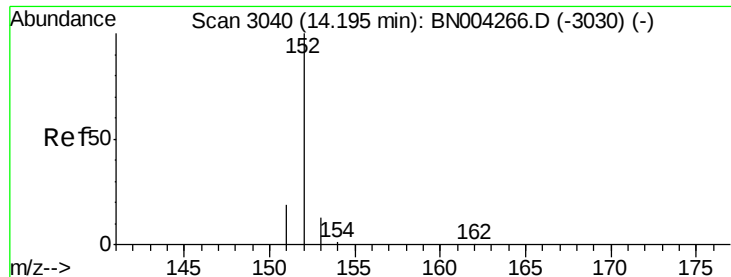
141 87.1 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 14.15 min Scan# 3031

Delta R.T. -0.04 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

SBLK85

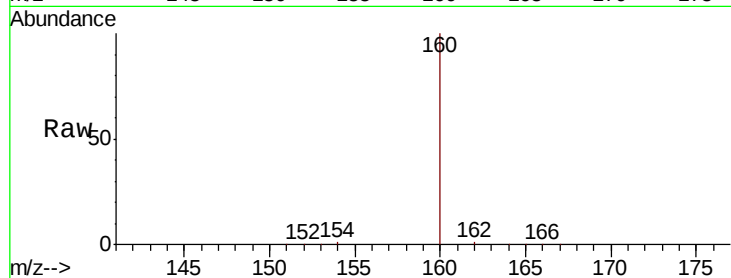
Tgt Ion:152 Resp: 59

Ion Ratio Lower Upper

152 100

151 62.5 16.3 24.5#

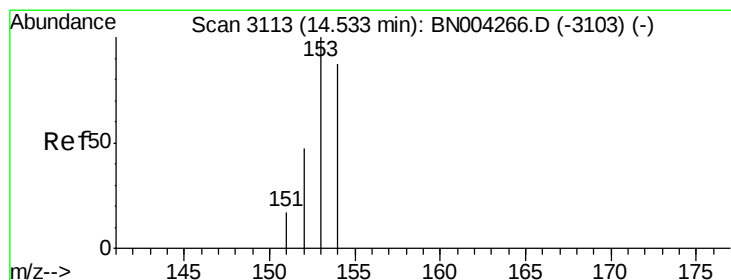
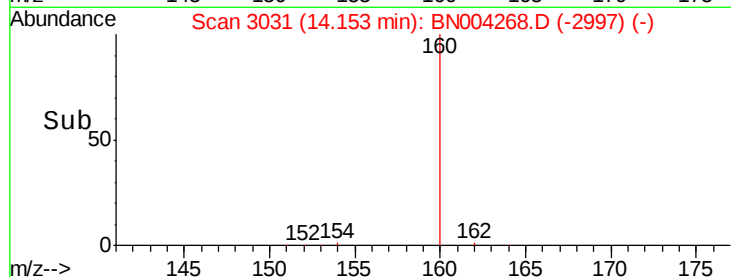
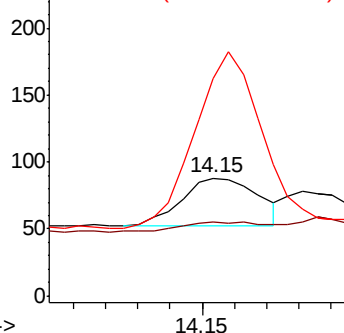
153 184.1 11.1 16.7#



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: 0.001 ng/ul

RT: 14.51 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

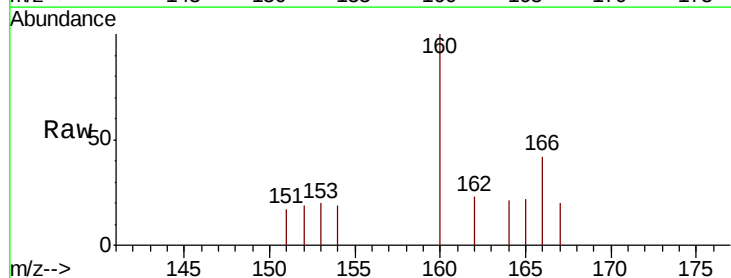
Tgt Ion:153 Resp: 14

Ion Ratio Lower Upper

153 100

152 98.2 38.2 57.2#

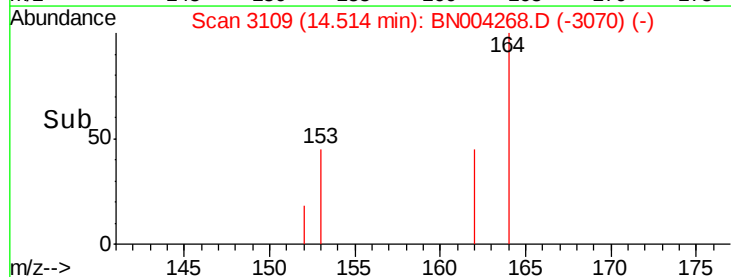
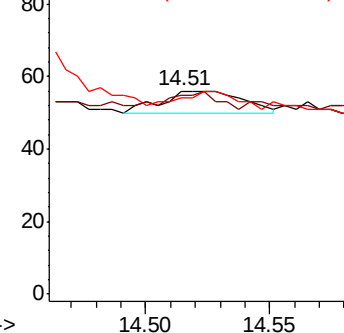
154 96.4 70.9 106.3

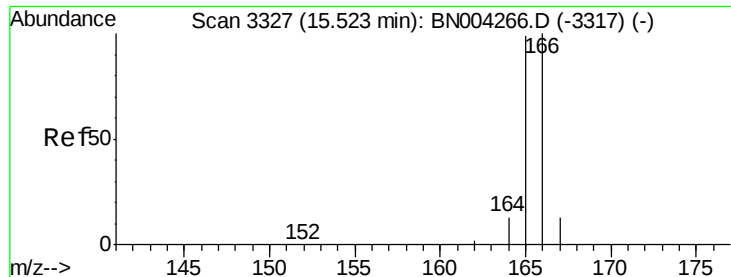


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.083 ng/ul

RT: 15.45 min Scan# 3312

Delta R.T. -0.07 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

SBLK85

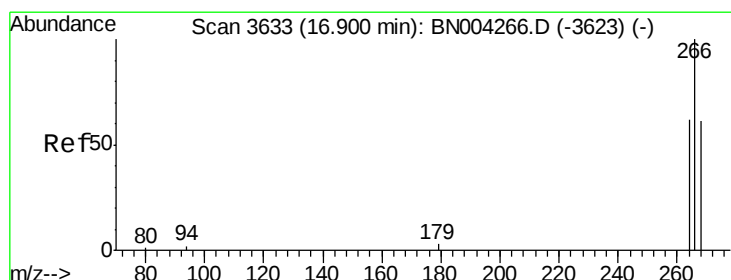
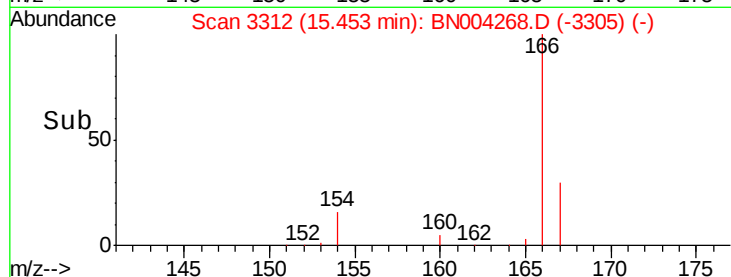
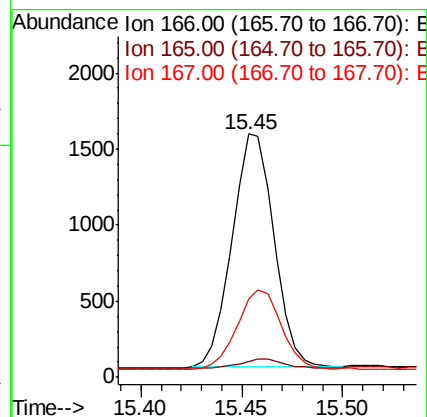
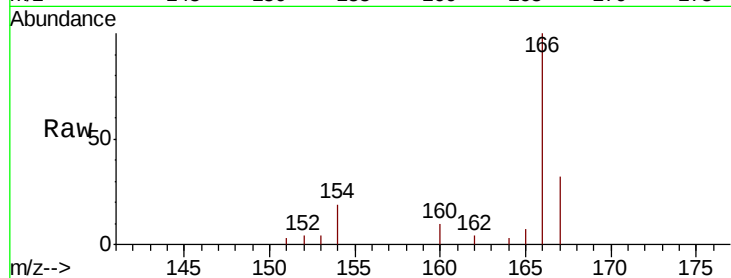
Tgt Ion:166 Resp: 2191

Ion Ratio Lower Upper

166 100

165 6.6 79.0 118.6#

167 32.1 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.99 min Scan# 3654

Delta R.T. 0.09 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

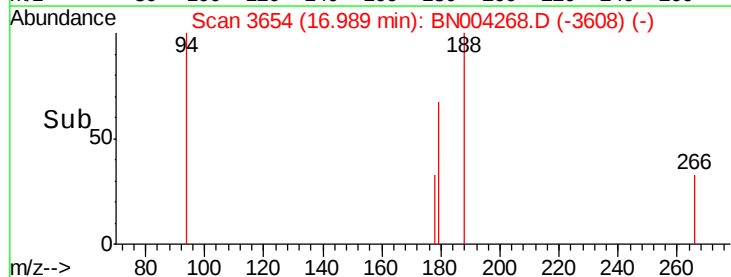
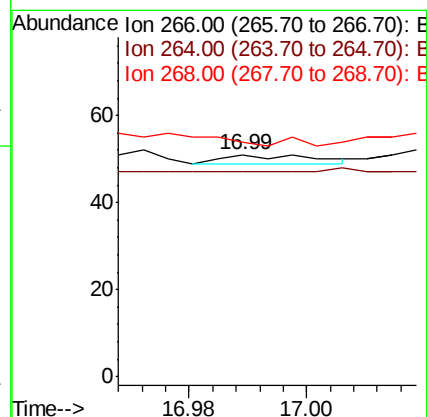
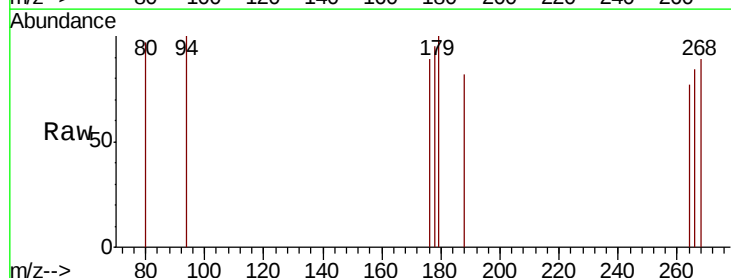
Tgt Ion:266 Resp: 2

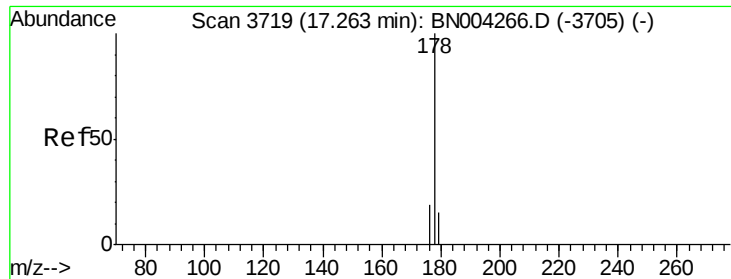
Ion Ratio Lower Upper

266 100

264 0.0 51.1 76.7#

268 50.0 52.6 78.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.31 min Scan# 3730

Delta R.T. 0.05 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

SBLK85

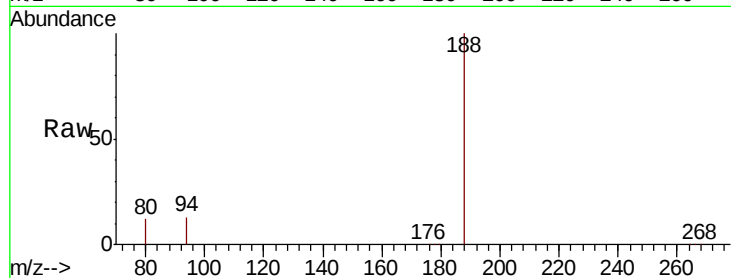
Tgt Ion:178 Resp: 610

Ion Ratio Lower Upper

178 100

179 269.0 12.6 18.8#

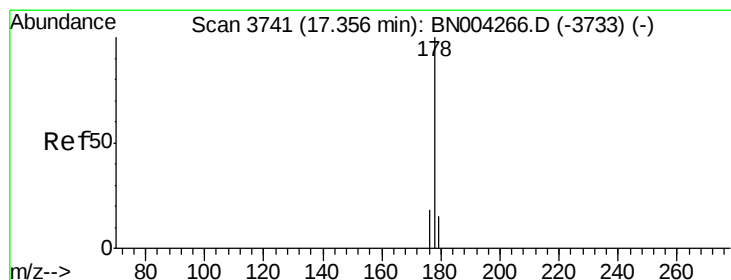
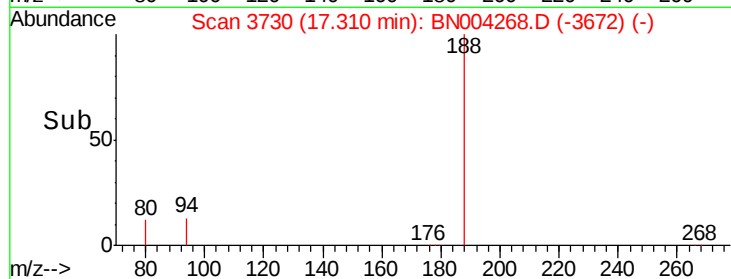
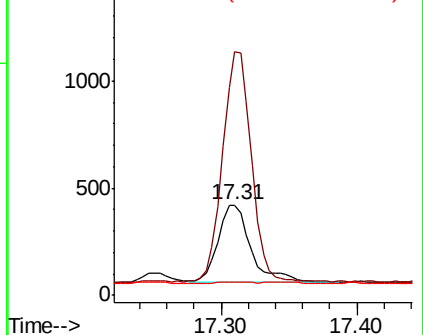
176 14.7 15.2 22.8#



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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.40 min Scan# 3752

Delta R.T. 0.05 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

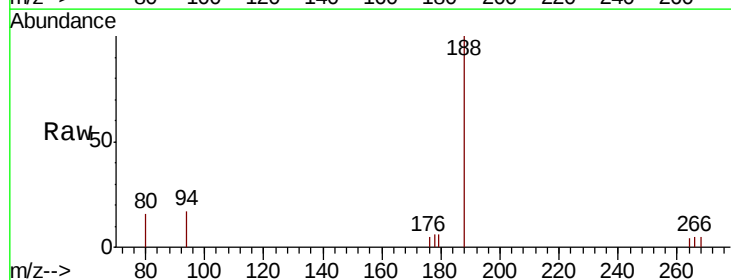
Tgt Ion:178 Resp: 7

Ion Ratio Lower Upper

178 100

179 98.5 12.7 19.1#

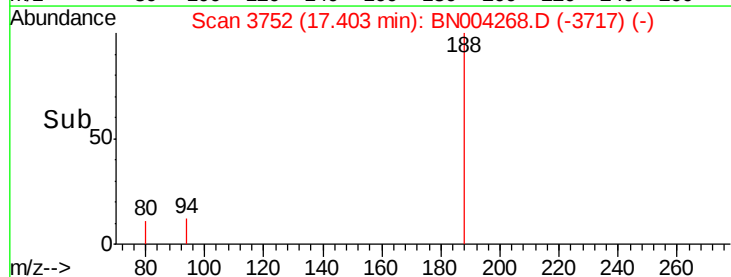
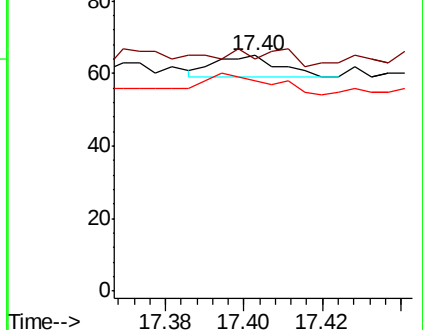
176 89.2 15.0 22.6#

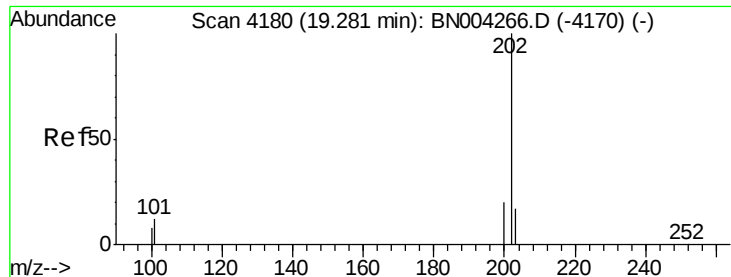


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

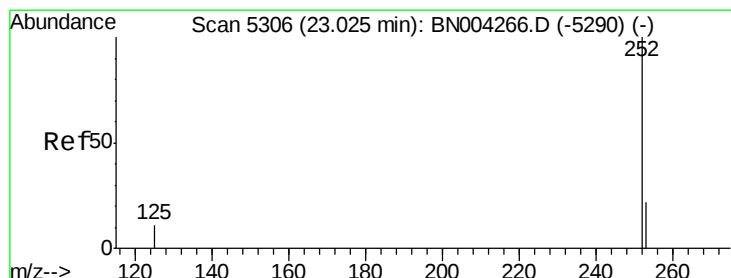
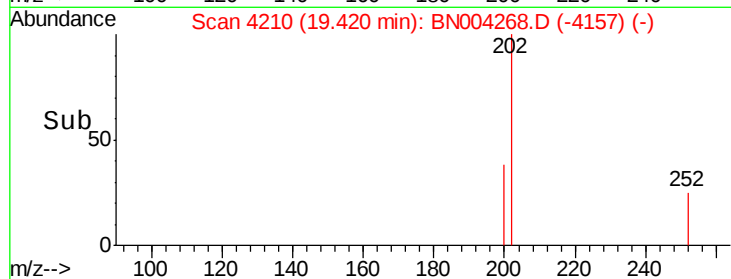
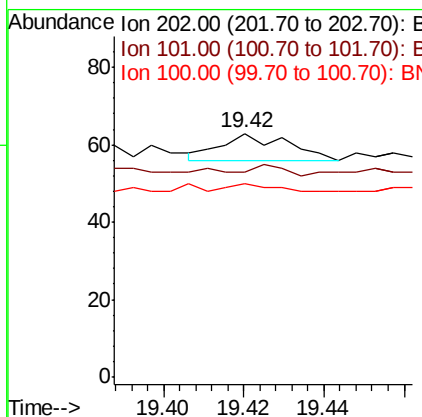
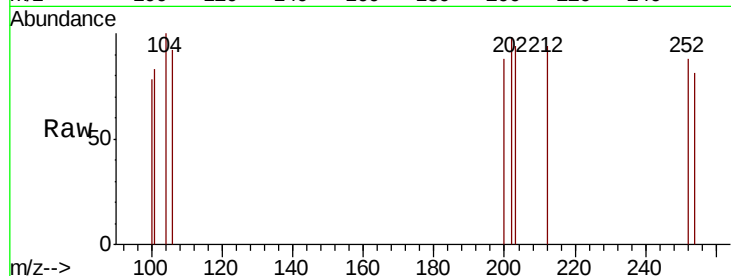




#15
 Fluoranthene
 Concen: 0.000 ng/ul
 RT: 19.42 min Scan# 4210
 Delta R.T. 0.14 min
 Lab File: BN004268.D
 Acq: 28 Dec 2018 18:31

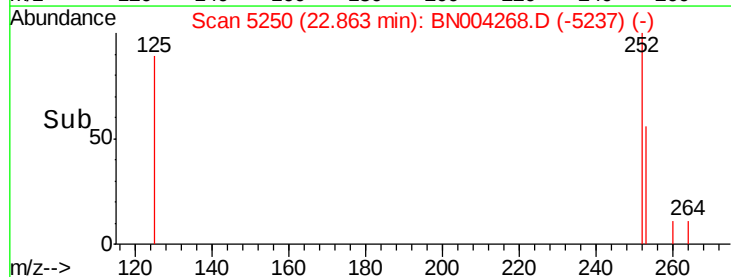
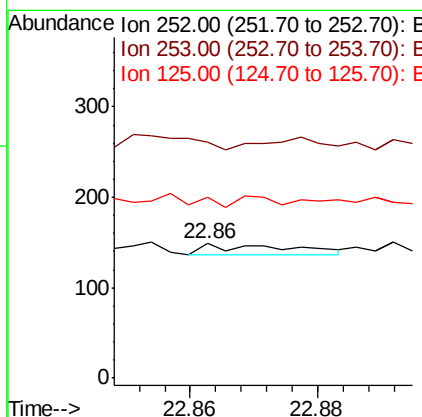
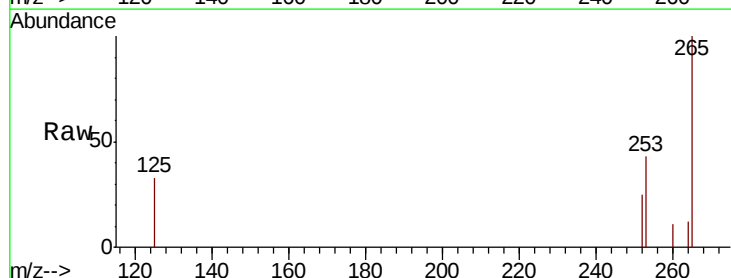
Instrument :
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 SBLK85

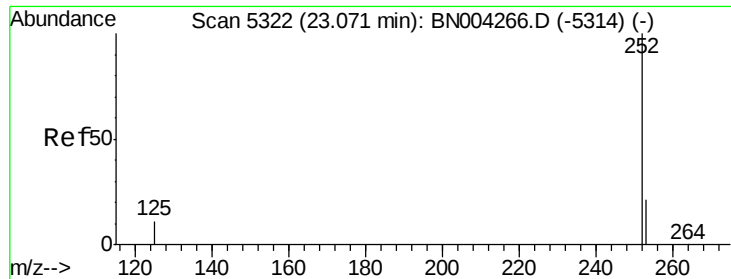
Tgt Ion: 202 Resp: 8
 Ion Ratio Lower Upper
 202 100
 101 84.1 0.0 32.6#
 100 79.4 0.0 29.7#



#21
 Benzo(b)fluoranthene
 Concen: 0.000 ng/ul
 RT: 22.86 min Scan# 5250
 Delta R.T. -0.16 min
 Lab File: BN004268.D
 Acq: 28 Dec 2018 18:31

Tgt Ion: 252 Resp: 10
 Ion Ratio Lower Upper
 252 100
 253 175.2 0.0 47.6#
 125 134.2 0.0 25.0#





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. -0.12 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

SBLK85

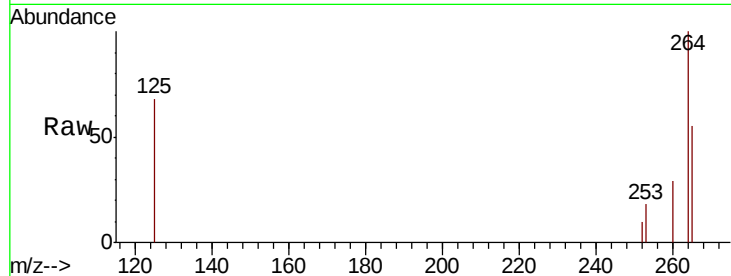
Tgt Ion:252 Resp: 114

Ion Ratio Lower Upper

252 100

253 183.8 19.0 28.6#

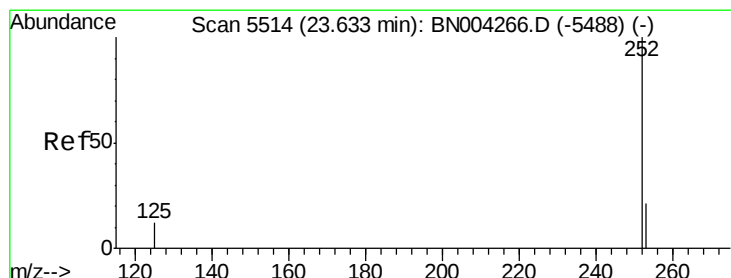
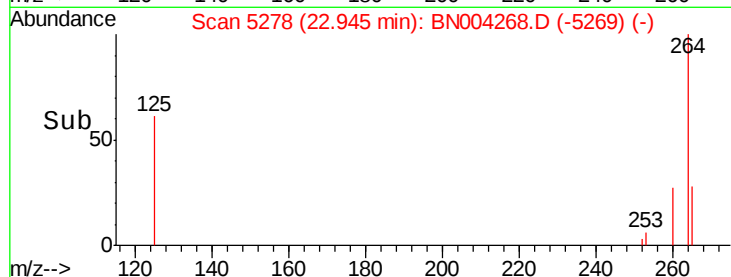
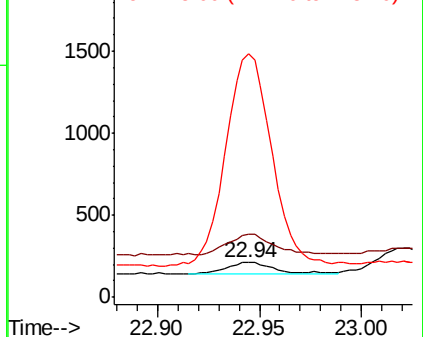
125 706.7 10.2 15.2#



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: 0.001 ng/ul

RT: 23.58 min Scan# 5495

Delta R.T. -0.05 min

Lab File: BN004268.D

Acq: 28 Dec 2018 18:31

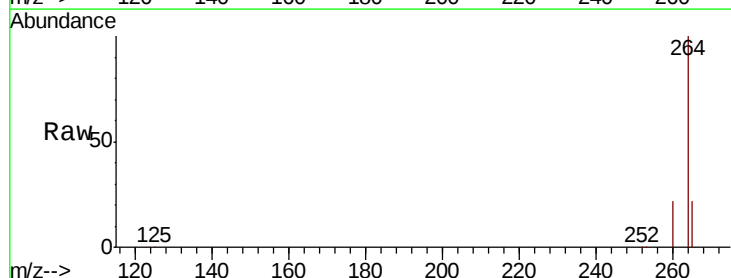
Tgt Ion:252 Resp: 6395

Ion Ratio Lower Upper

252 100

253 32.0 20.0 30.0#

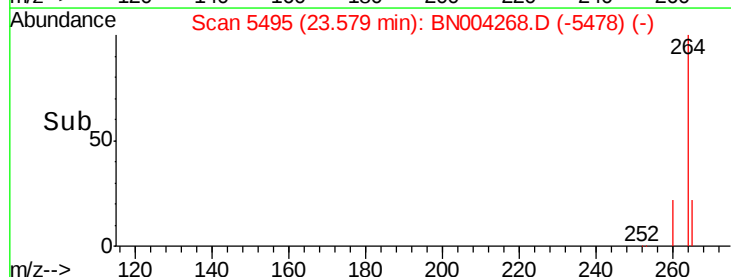
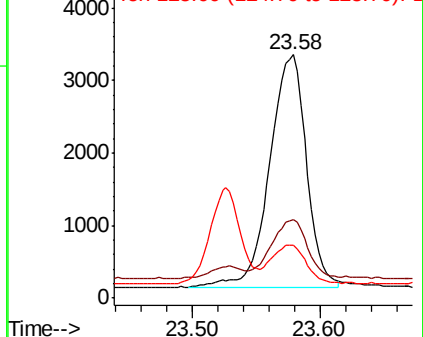
125 21.8 11.4 17.0#

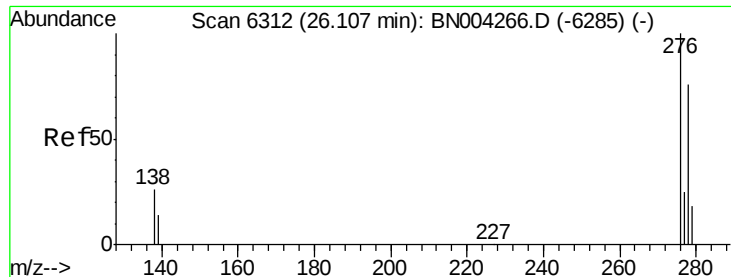


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



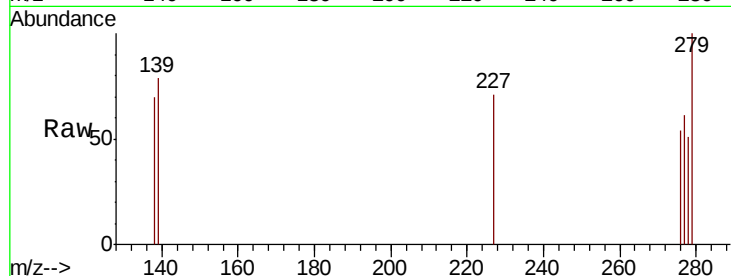


#24

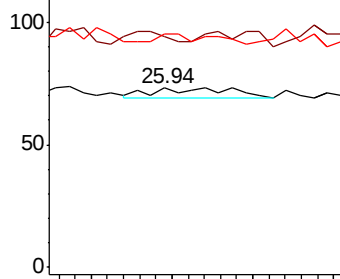
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/u1
RT: 25.94 min Scan# 6261
Delta R.T. -0.17 min
Lab File: BN004268.D
Acq: 28 Dec 2018 18:31

Instrument :
BNA_N
ClientSampleId :
SBLK85

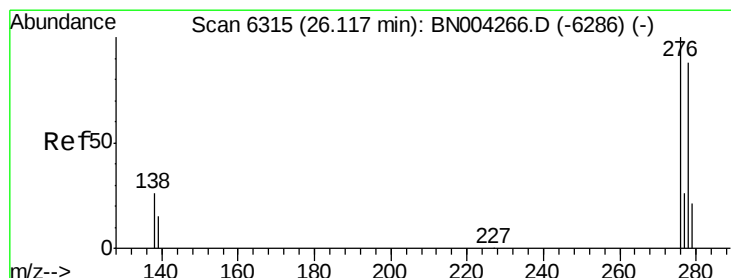
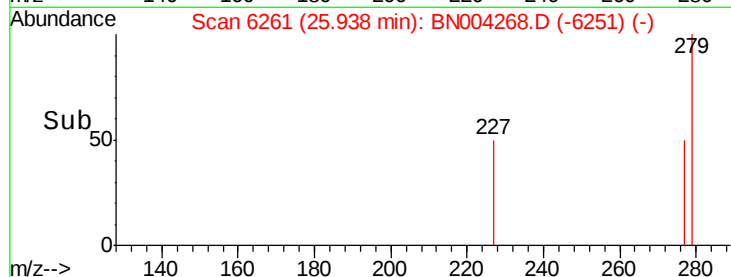
Tgt Ion: 276 Resp: 5
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 60.0 0.1 0.1#



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



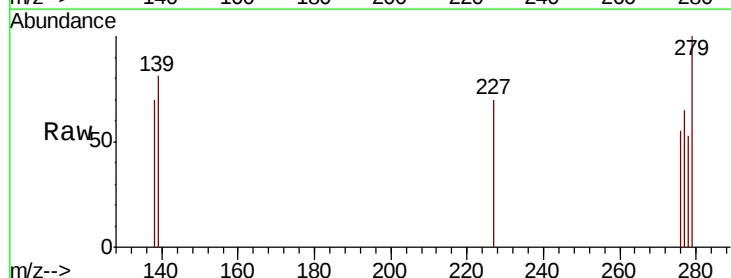
Time-->



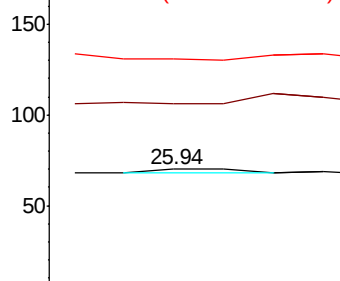
#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.94 min Scan# 6263
Delta R.T. -0.17 min
Lab File: BN004268.D
Acq: 28 Dec 2018 18:31

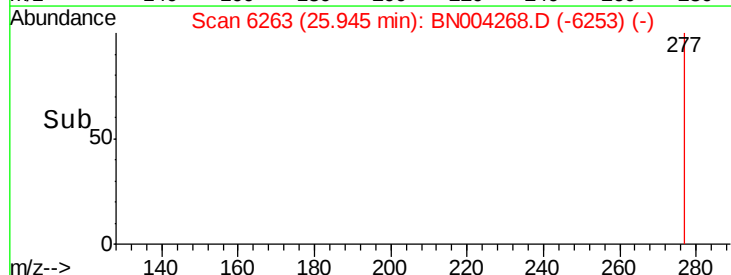
Tgt Ion: 278 Resp: 1
Ion Ratio Lower Upper
278 100
139 151.4 15.4 23.2#
279 187.1 21.0 31.6#

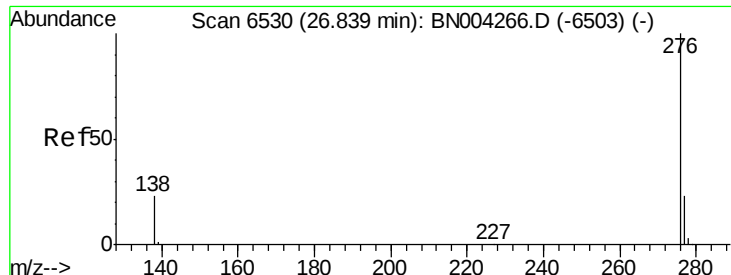


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.67 min Scan# 6478

Delta R.T. -0.17 min

Lab File: BN004268.D

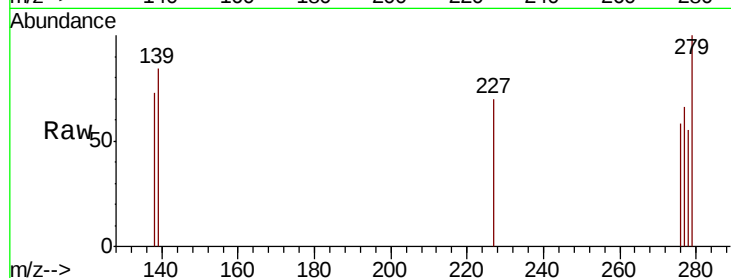
Acq: 28 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

SBLK85



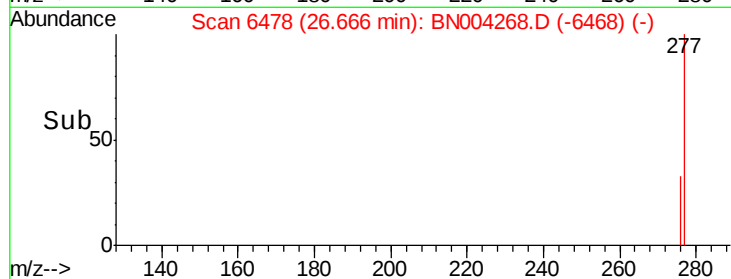
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

138 125.0 19.4 29.0#

277 114.5 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

