

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F72

Quant Time: Dec 28 22:20:29 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	2413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	8253	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	958464	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.57	264	1109824	0.40	ng/ul	-0.16

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	6320	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.39	212	364	0.00	ng/ul	0.14

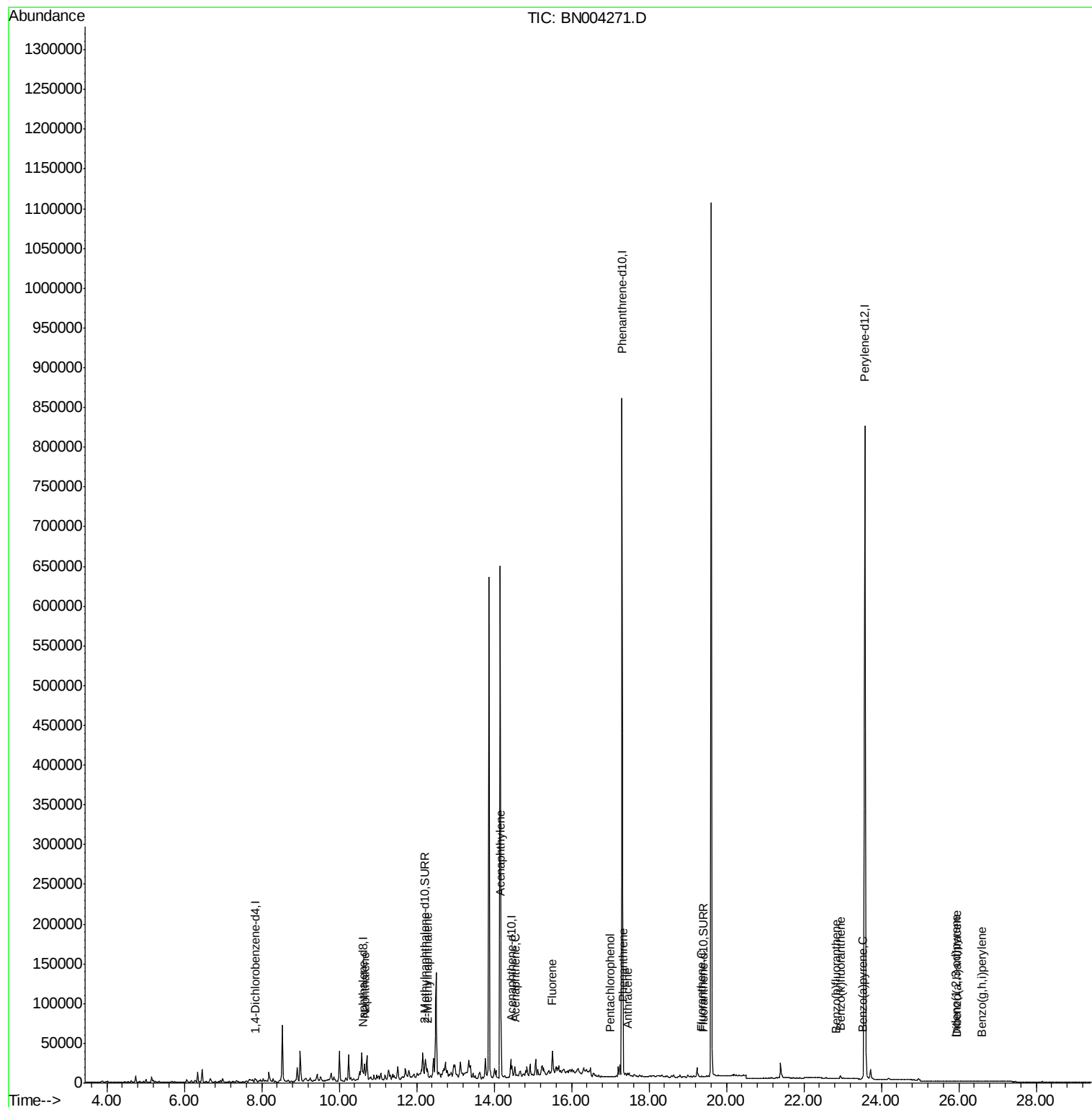
Target Compounds				Qvalue		
3) Naphthalene	10.66	128	12283	0.407	ng/ul#	8
5) 2-Methylnaphthalene	12.28	142	8229	0.393	ng/ul	100
7) Acenaphthylene	14.18	152	4375	0.106	ng/ul#	1
8) Acenaphthene	14.53	153	8568	0.259	ng/ul#	78
9) Fluorene	15.51	166	18253	0.486	ng/ul#	93
11) Pentachlorophenol	16.98	266	28	0.000	ng/ul#	24
12) Phenanthrene	17.34	178	643	0.000	ng/ul#	1
13) Anthracene	17.44	178	1358	0.000	ng/ul#	1
15) Fluoranthene	19.36	202	246	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	155	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.95	252	141	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.52	252	1413	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.93	276	11	0.000	ng/ul#	38
25) Dibenzo(a,h)anthracene	25.94	278	35	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.60	276	32	0.000	ng/ul#	1

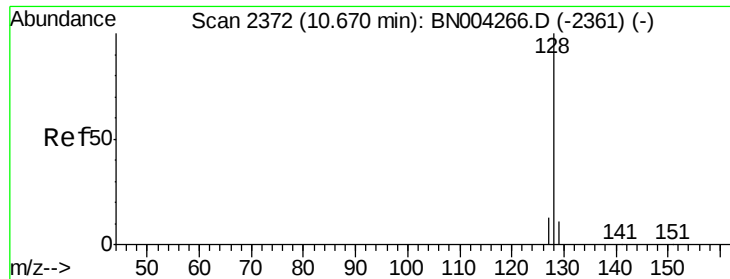
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.66 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampled :

F9F72

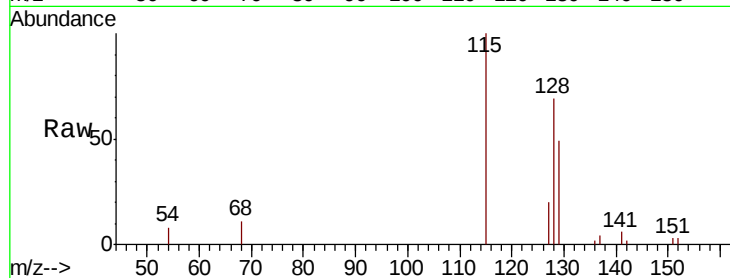
Tgt Ion:128 Resp: 12283

Ion Ratio Lower Upper

128 100

129 70.9 9.5 14.3#

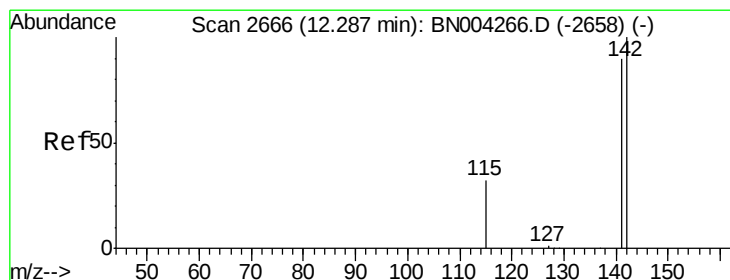
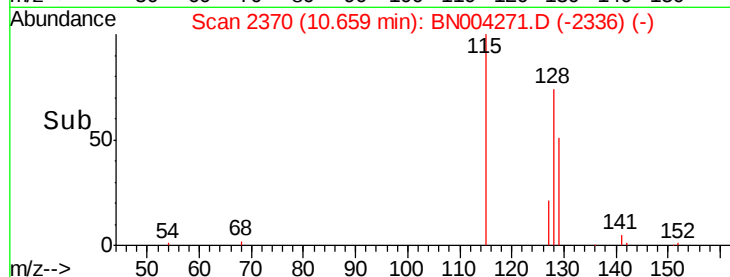
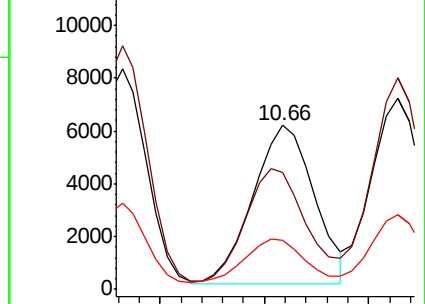
127 29.8 11.0 16.4#



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: 0.393 ng/ul

RT: 12.28 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BN004271.D

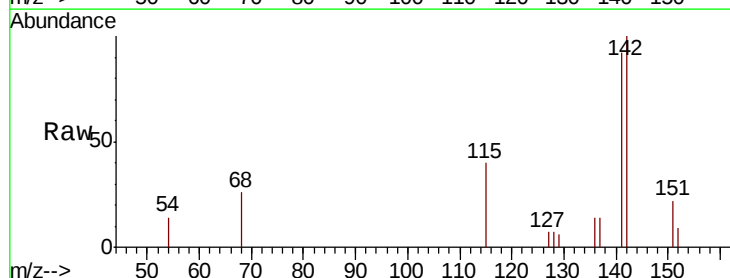
Acq: 28 Dec 2018 20:16

Tgt Ion:142 Resp: 8229

Ion Ratio Lower Upper

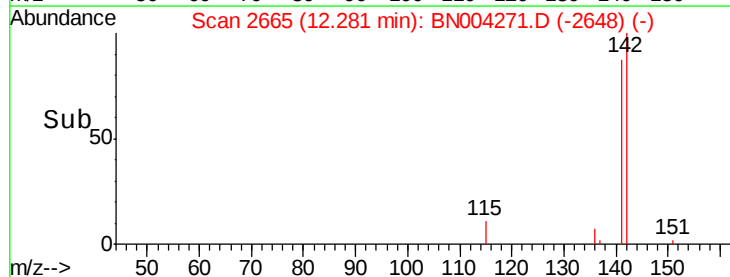
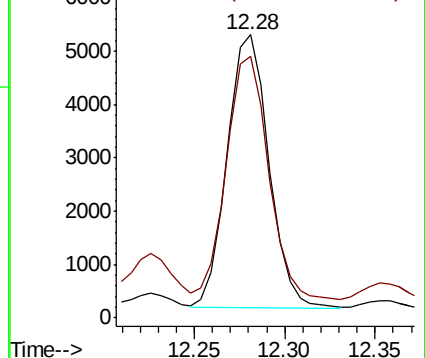
142 100

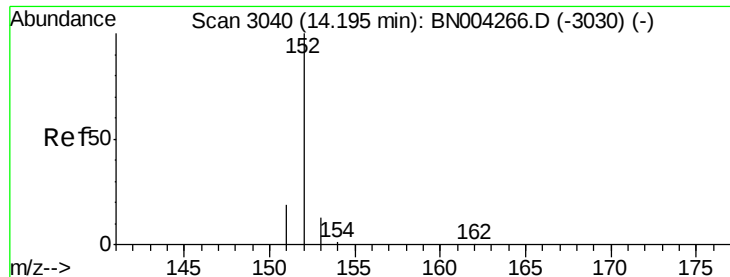
141 89.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.106 ng/ul

RT: 14.18 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampleId :

F9F72

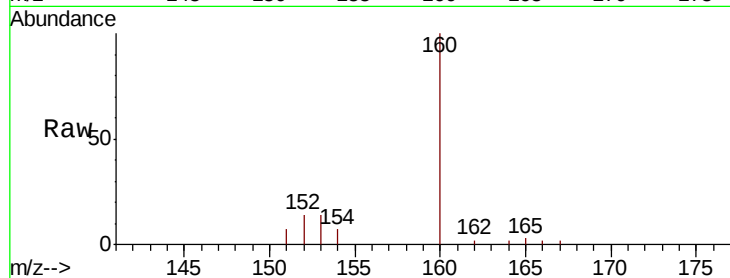
Tgt Ion:152 Resp: 4375

Ion Ratio Lower Upper

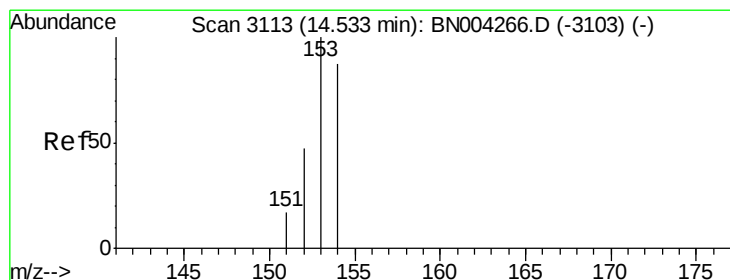
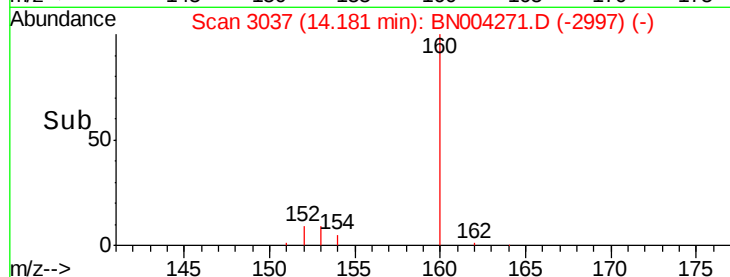
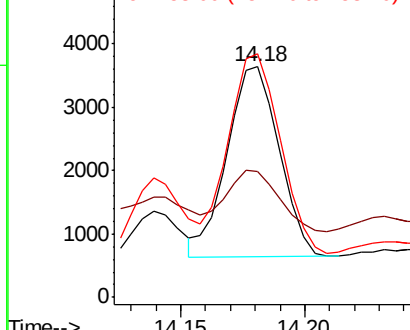
152 100

151 54.6 16.3 24.5#

153 105.5 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: 0.259 ng/ul

RT: 14.53 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

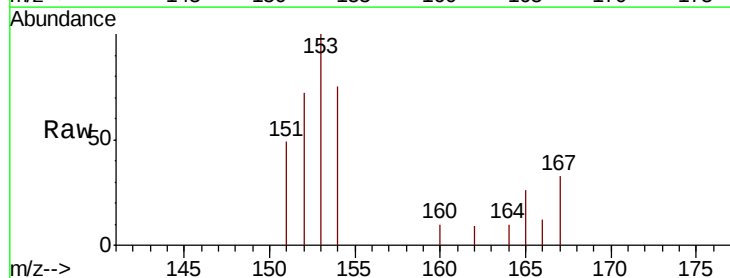
Tgt Ion:153 Resp: 8568

Ion Ratio Lower Upper

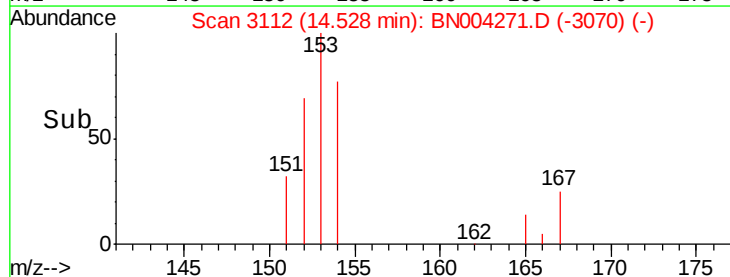
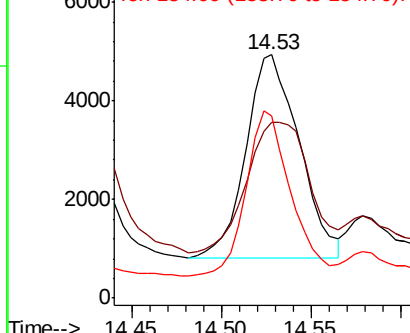
153 100

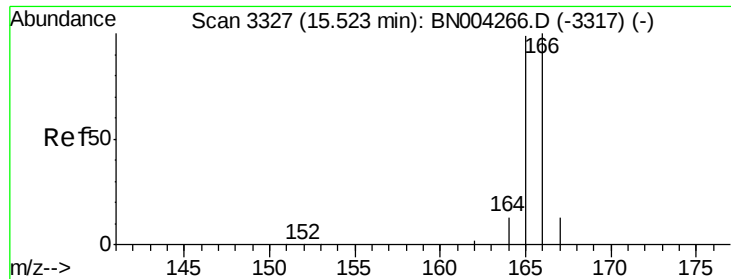
152 72.0 38.2 57.2#

154 74.8 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: 0.486 ng/ul

RT: 15.51 min Scan# 3324

Delta R.T. -0.01 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampled :

F9F72

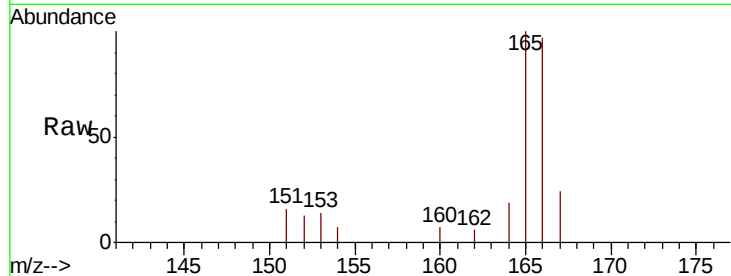
Tgt Ion:166 Resp: 18253

Ion Ratio Lower Upper

166 100

165 103.5 79.0 118.6

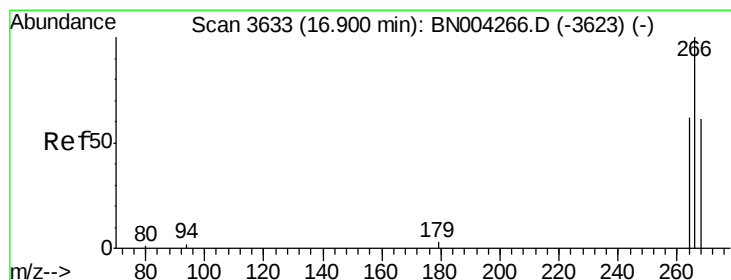
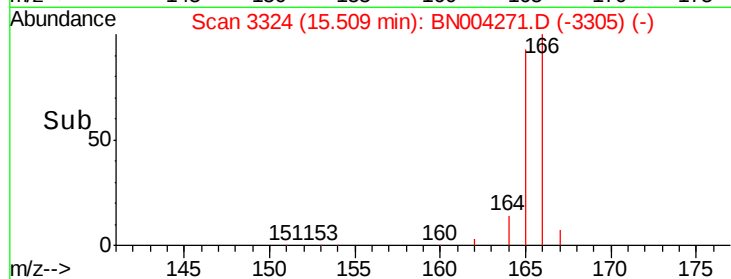
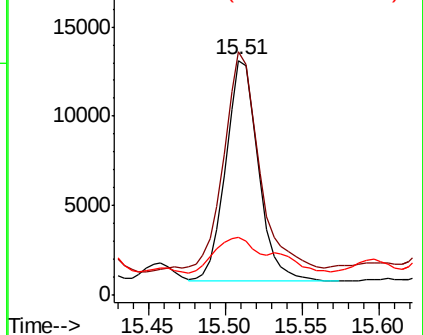
167 24.5 11.3 16.9#



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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.98 min Scan# 3653

Delta R.T. 0.09 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

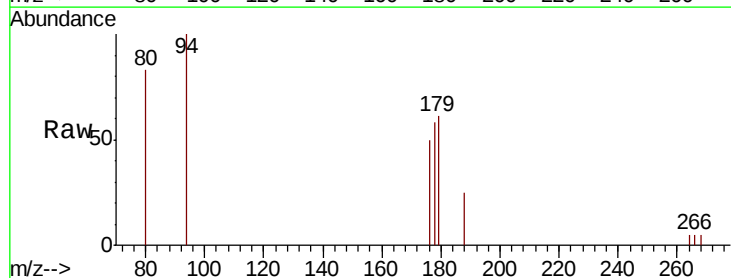
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 0.0 51.1 76.7#

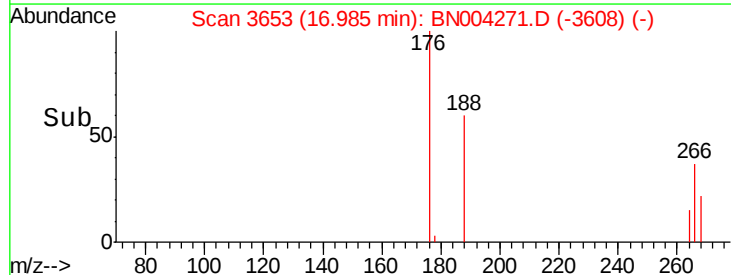
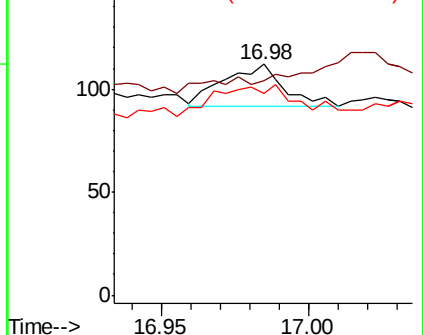
268 121.4 52.6 78.8#

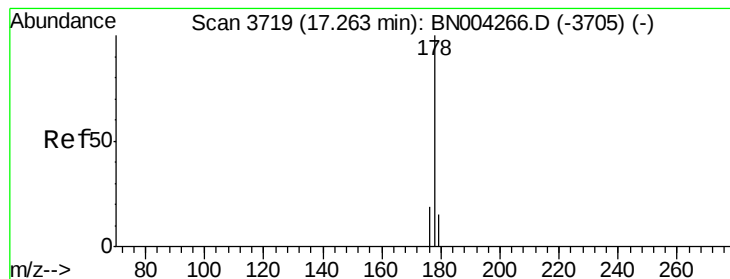


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.34 min Scan# 3737

Delta R.T. 0.08 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampled :

F9F72

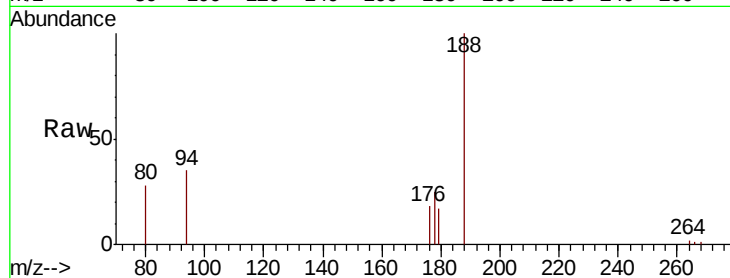
Tgt Ion:178 Resp: 643

Ion Ratio Lower Upper

178 100

179 70.2 12.6 18.8#

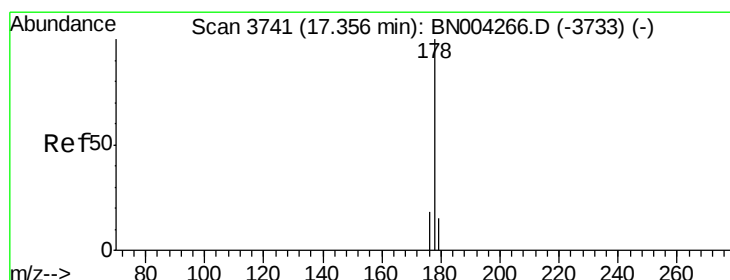
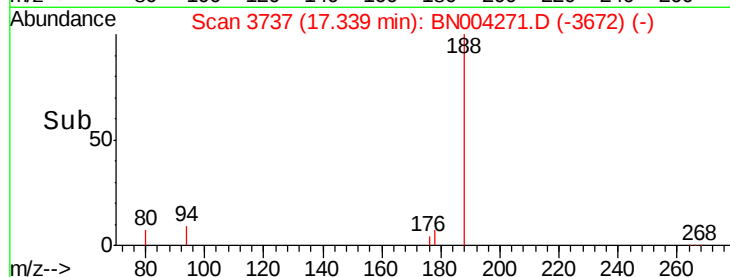
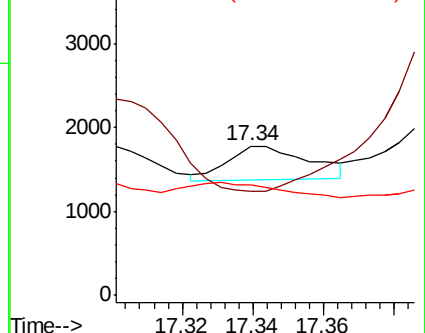
176 74.0 15.2 22.8#



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: 17.44 min Scan# 3761

Delta R.T. 0.08 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

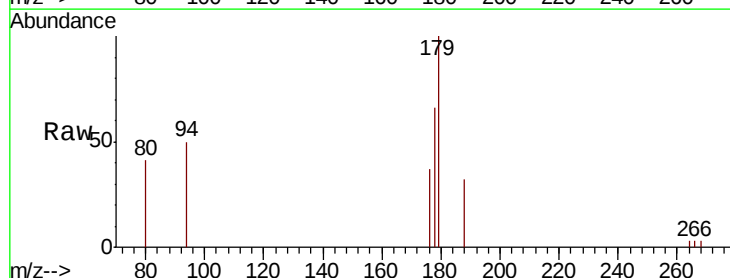
Tgt Ion:178 Resp: 1358

Ion Ratio Lower Upper

178 100

179 151.2 12.7 19.1#

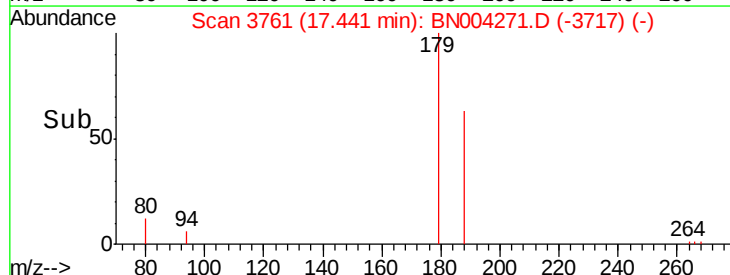
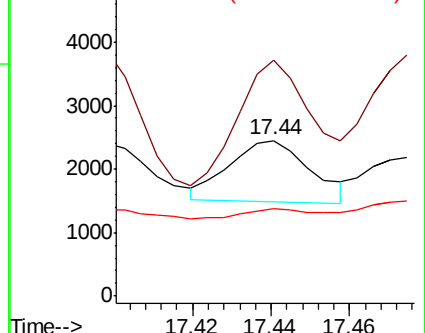
176 56.1 15.0 22.6#

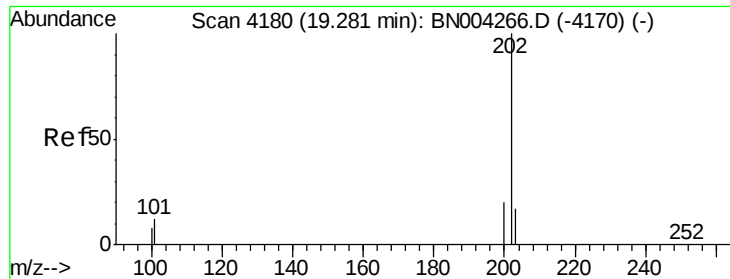


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.36 min Scan# 4198

Delta R.T. 0.09 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampleId :

F9F72

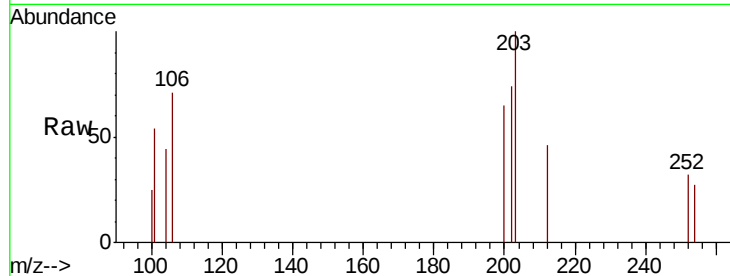
Tgt Ion:202 Resp: 246

Ion Ratio Lower Upper

202 100

101 72.6 0.0 32.6#

100 34.2 0.0 29.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

1500

1000

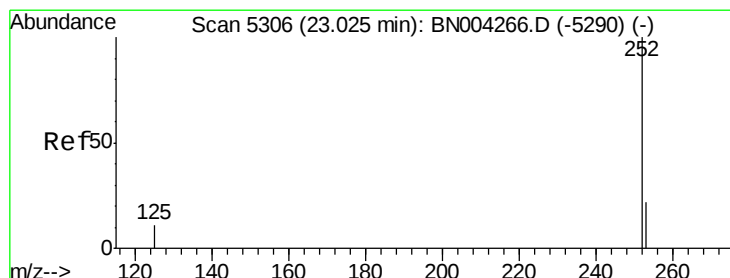
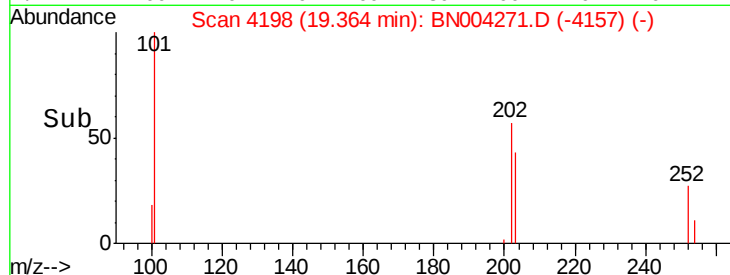
500

0

19.35

19.40

Time-->



#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.20 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

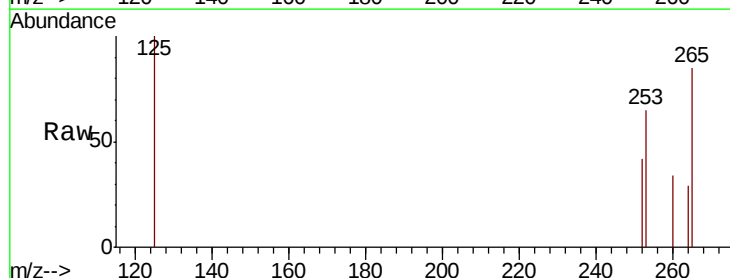
Tgt Ion:252 Resp: 155

Ion Ratio Lower Upper

252 100

253 156.9 0.0 47.6#

125 240.3 0.0 25.0#



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

2500

2000

1500

1000

500

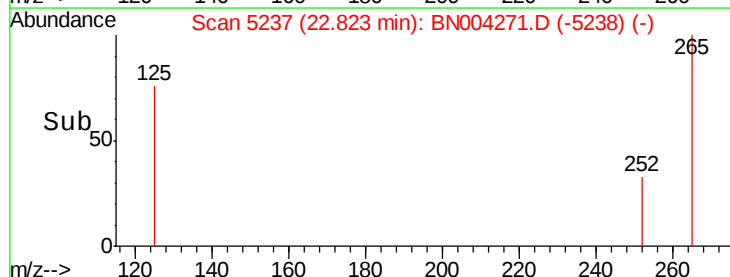
0

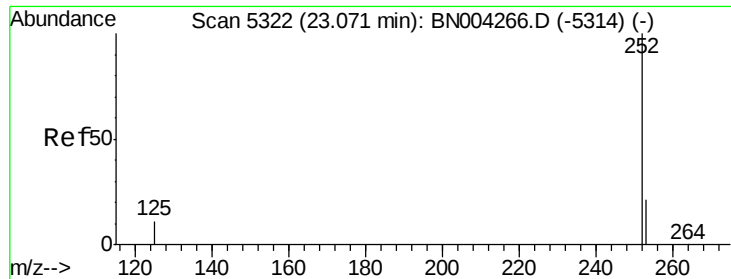
22.80

22.85

22.90

Time-->





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/u1

RT: 22.95 min Scan# 5279

Delta R.T. -0.12 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampled :

F9F72

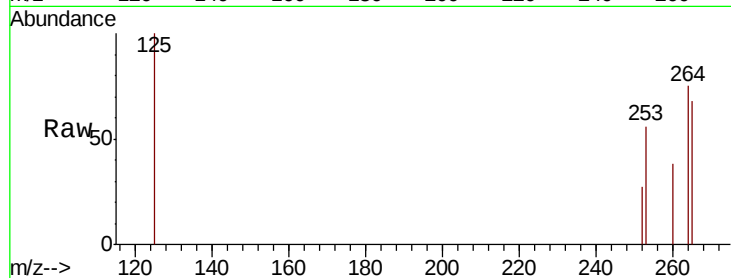
Tgt Ion:252 Resp: 141

Ion Ratio Lower Upper

252 100

253 206.3 19.0 28.6#

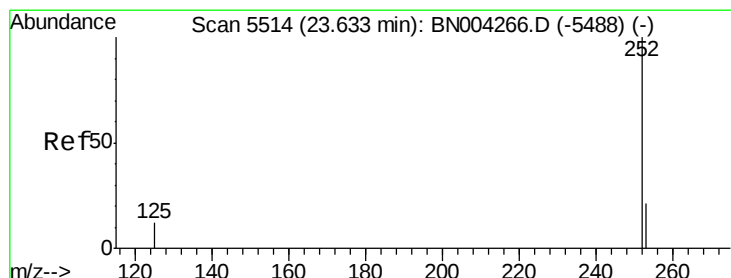
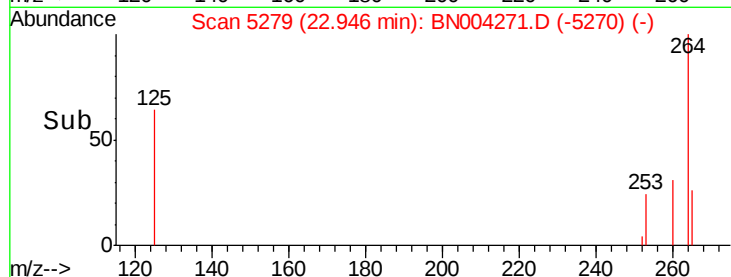
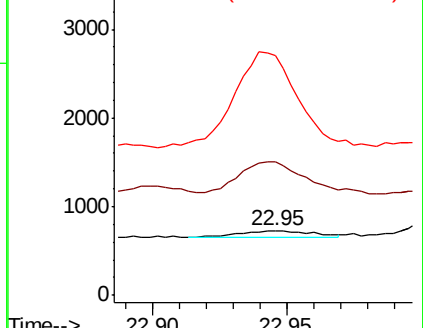
125 369.7 10.2 15.2#



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: 0.000 ng/u1

RT: 23.52 min Scan# 5475

Delta R.T. -0.11 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

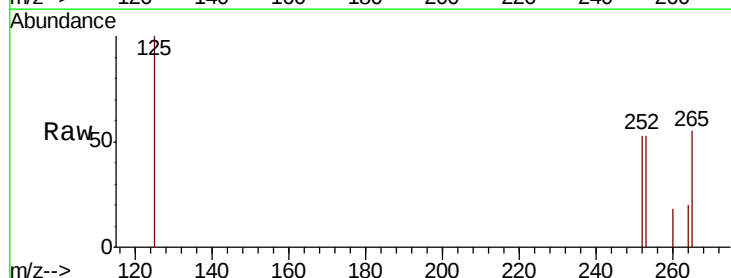
Tgt Ion:252 Resp: 1413

Ion Ratio Lower Upper

252 100

253 98.6 20.0 30.0#

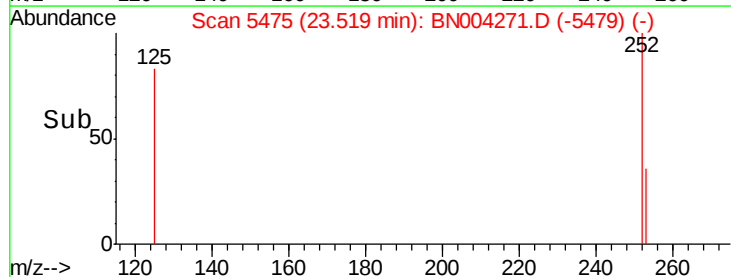
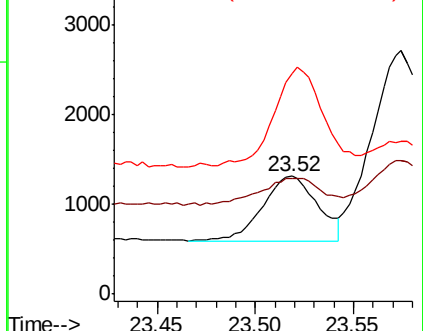
125 187.7 11.4 17.0#

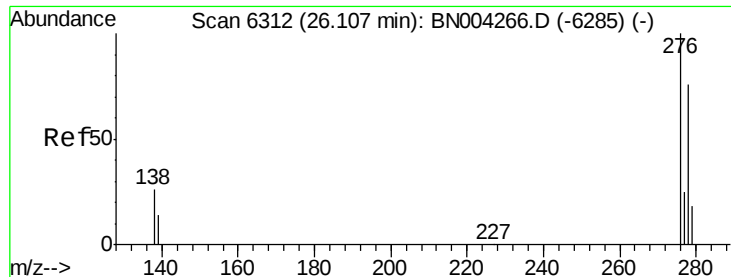


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 25.93 min Scan# 6259

Delta R.T. -0.17 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampled :

F9F72

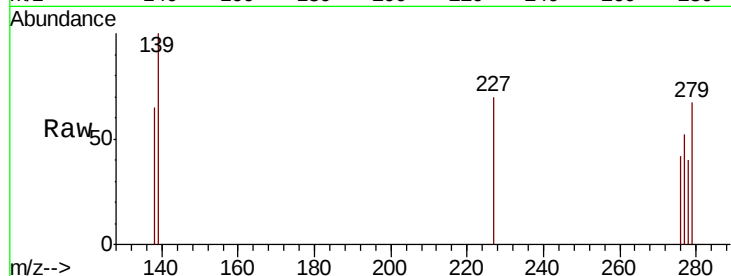
Tgt Ion:276 Resp: 11

Ion Ratio Lower Upper

276 100

138 372.7 0.0 0.0#

227 145.5 0.1 0.1#

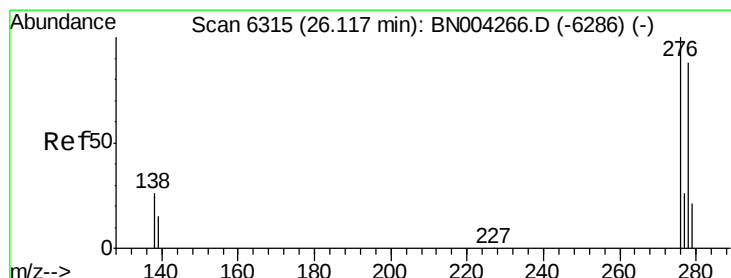
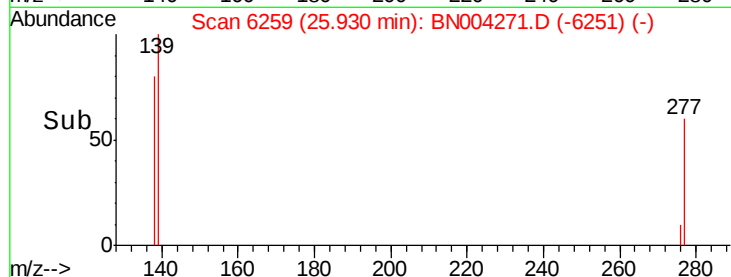
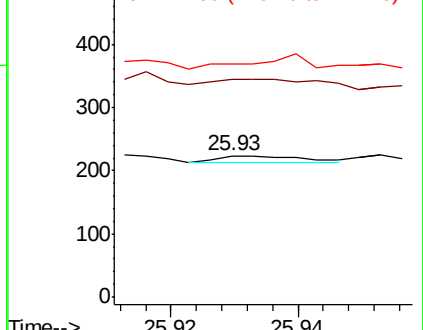


Abundance

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: 0.000 ng/ul

RT: 25.94 min Scan# 6263

Delta R.T. -0.17 min

Lab File: BN004271.D

Acq: 28 Dec 2018 20:16

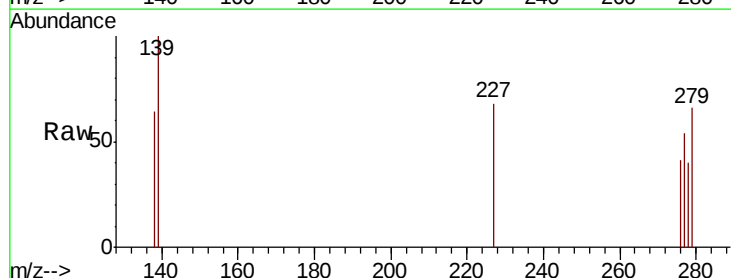
Tgt Ion:278 Resp: 35

Ion Ratio Lower Upper

278 100

139 247.2 15.4 23.2#

279 163.4 21.0 31.6#

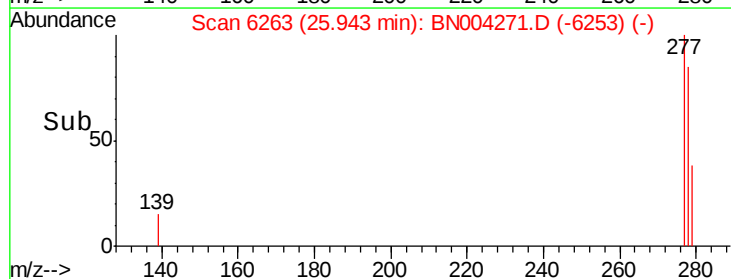
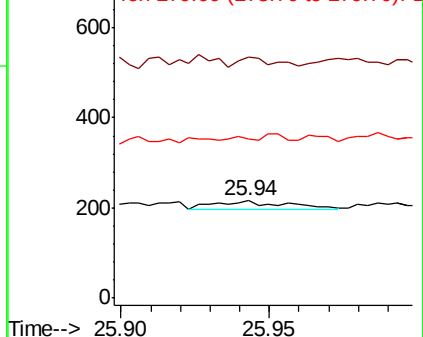


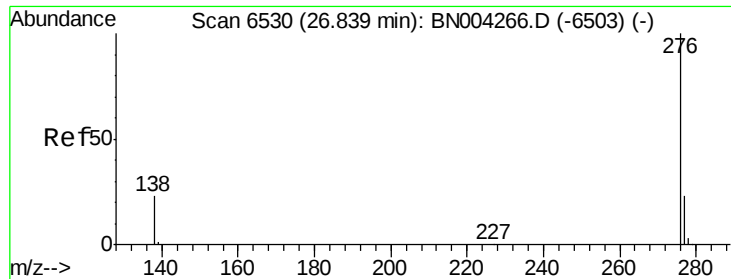
Abundance

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





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/u1

RT: 26.60 min Scan# 6459

Delta R.T. -0.23 min

Lab File: BN004271.D

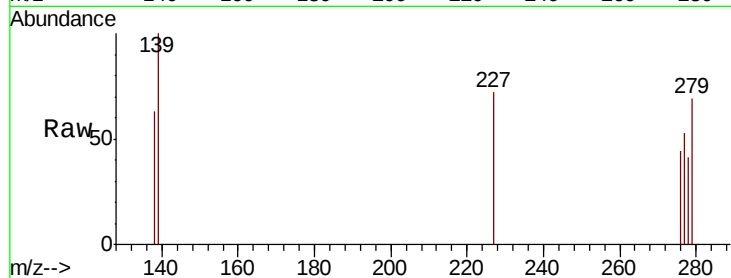
Acq: 28 Dec 2018 20:16

Instrument :

MSVOA_W

ClientSampleId :

F9F72



Tgt Ion:	276	Resp:	32
Ion	Ratio	Lower	Upper
276	100		
138	143.6	19.4	29.0#
277	120.8	20.4	30.6#

