

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004272.D
 Acq On : 28 Dec 2018 20:51
 Operator : JU/SJ
 Sample : J6541-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F62

Quant Time: Dec 28 22:20:35 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	7.83	152	2401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10954	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	6681	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1250620	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	1388933	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.21	152	5528	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

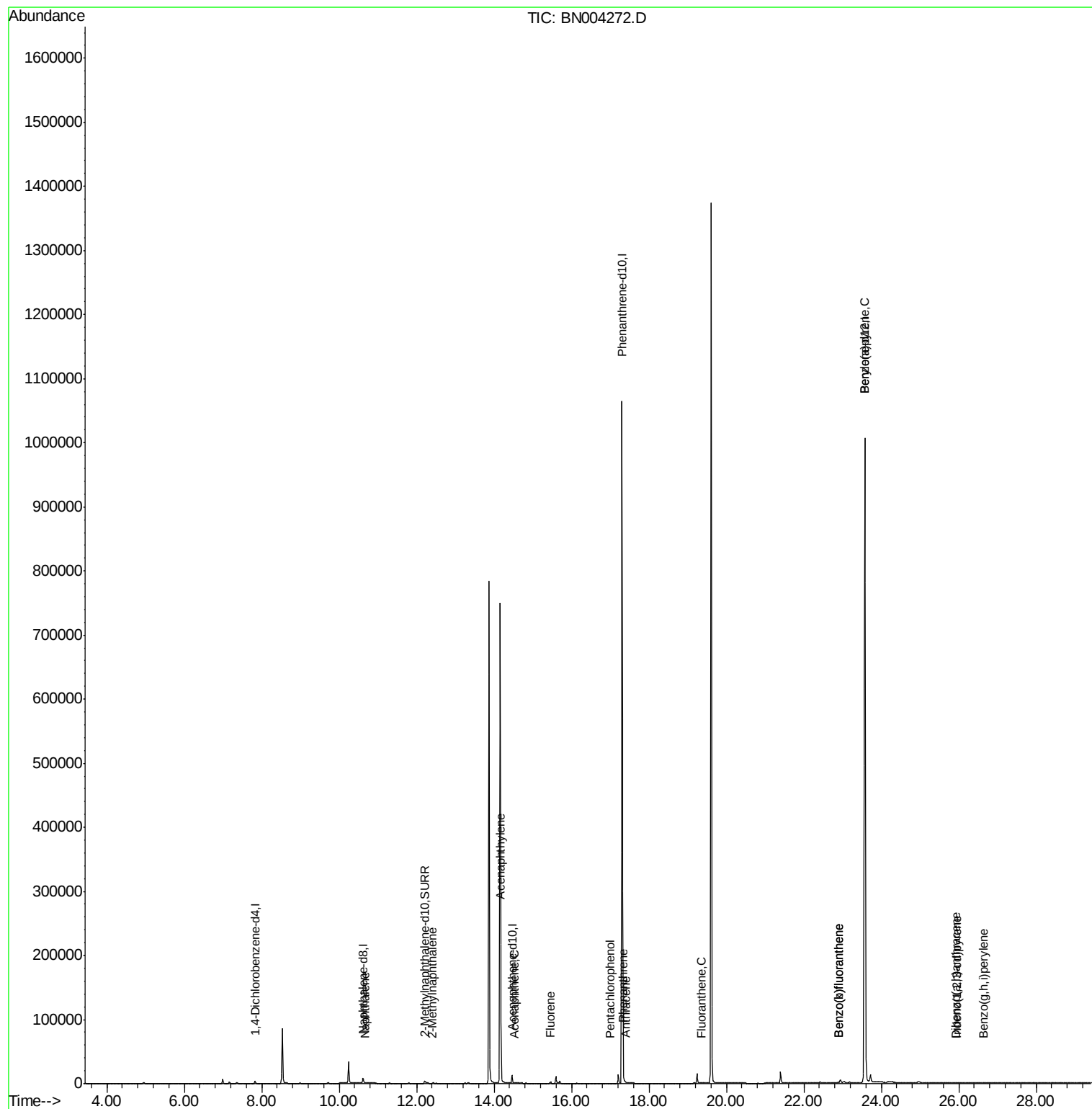
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.66	128	106	0.003	ng/ul#	1
5) 2-Methylnaphthalene	12.39	142	2	0.000	ng/ul	89
7) Acenaphthylene	14.18	152	36	0.001	ng/ul#	1
8) Acenaphthene	14.52	153	16	0.001	ng/ul#	71
9) Fluorene	15.46	166	2025	0.067	ng/ul#	13
11) Pentachlorophenol	16.98	266	1	0.000	ng/ul#	35
12) Phenanthrene	17.34	178	253	0.000	ng/ul#	43
13) Anthracene	17.40	178	18	0.000	ng/ul#	1
15) Fluoranthene	19.36	202	6	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.89	252	11	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.89	252	11	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.57	252	5248	0.001	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.94	276	9	0.000	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	8	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.66	276	2	0.000	ng/ul#	1

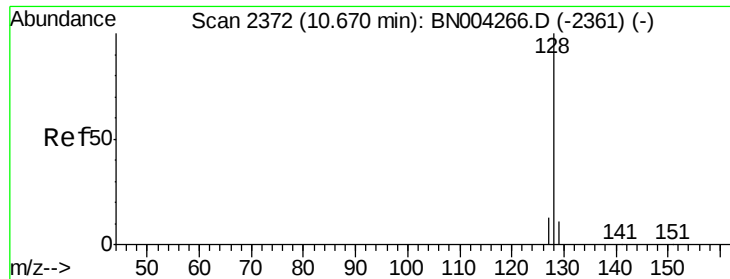
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.003 ng/u1

RT: 10.66 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

F9F62

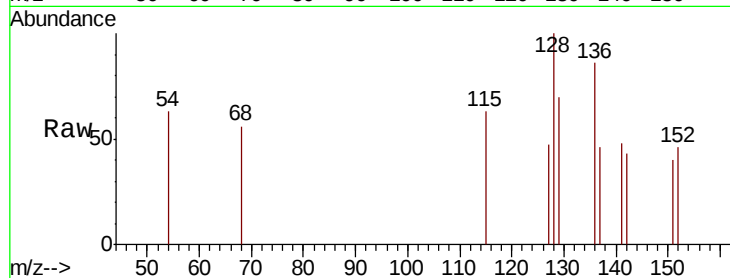
Tgt Ion:128 Resp: 106

Ion Ratio Lower Upper

128 100

129 69.8 9.5 14.3#

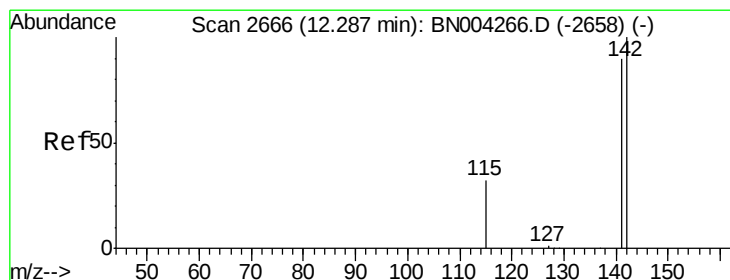
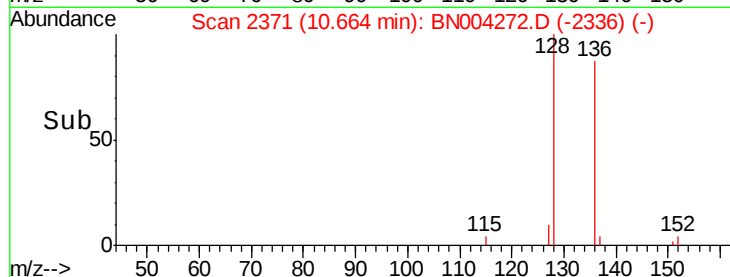
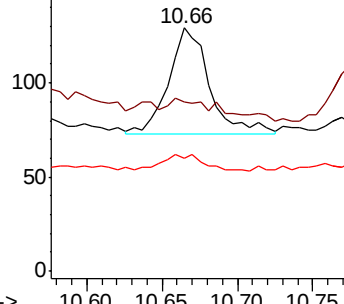
127 46.5 11.0 16.4#



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: 0.000 ng/u1

RT: 12.39 min Scan# 2685

Delta R.T. 0.10 min

Lab File: BN004272.D

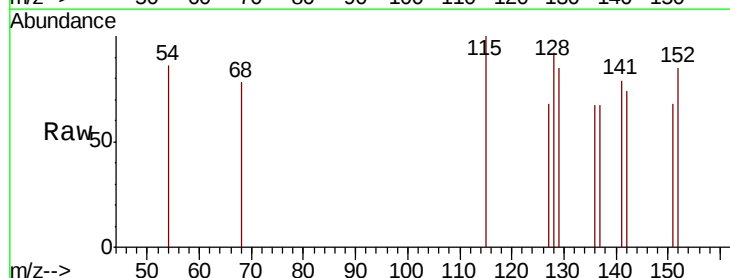
Acq: 28 Dec 2018 20:51

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

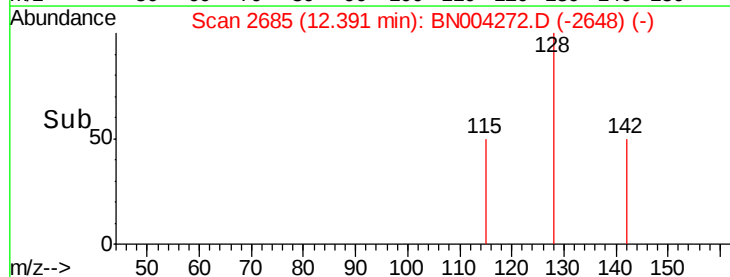
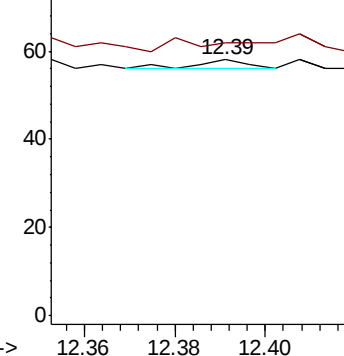
142 100

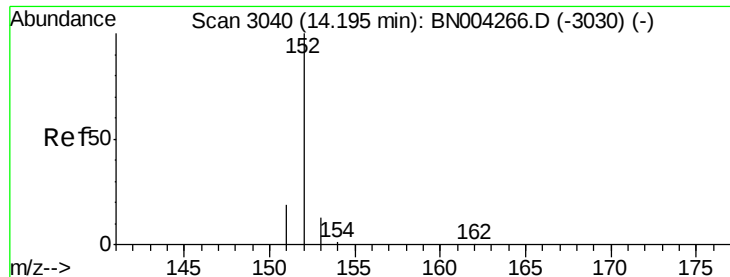
141 100.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.001 ng/ul

RT: 14.18 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

F9F62

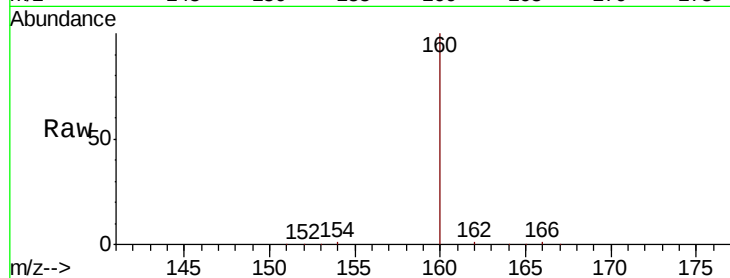
Tgt Ion:152 Resp: 36

Ion Ratio Lower Upper

152 100

151 72.8 16.3 24.5#

153 87.7 11.1 16.7#

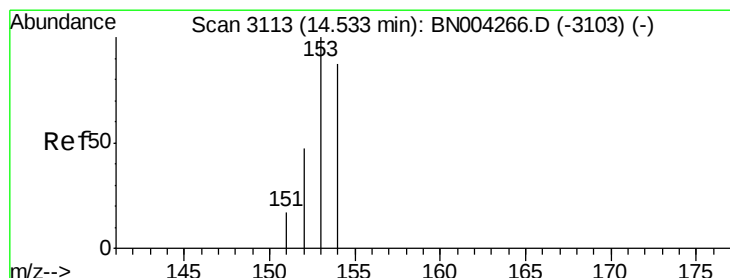
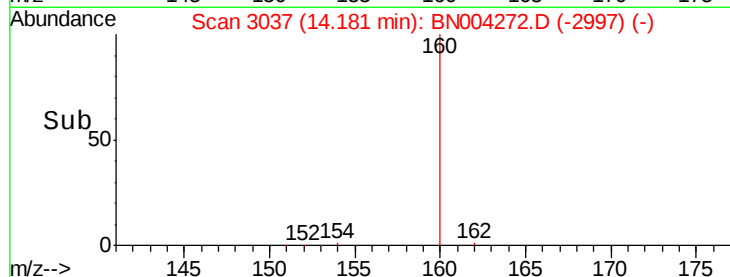
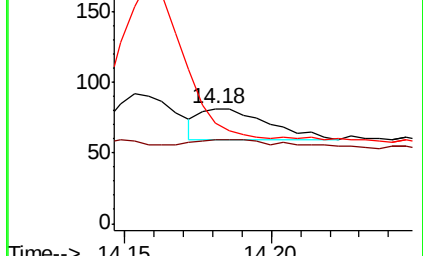


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.18



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.52 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

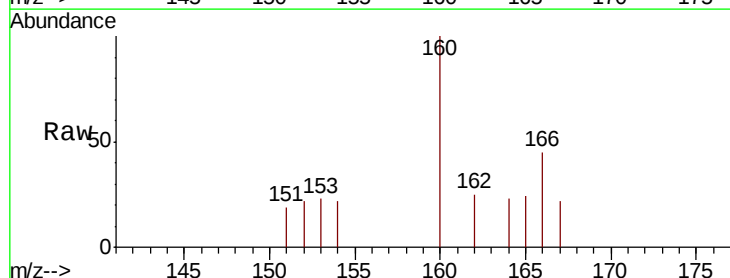
Tgt Ion:153 Resp: 16

Ion Ratio Lower Upper

153 100

152 94.1 38.2 57.2#

154 95.6 70.9 106.3

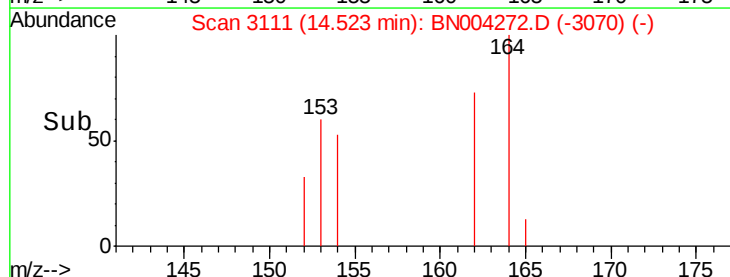
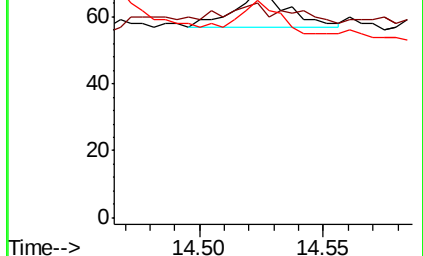


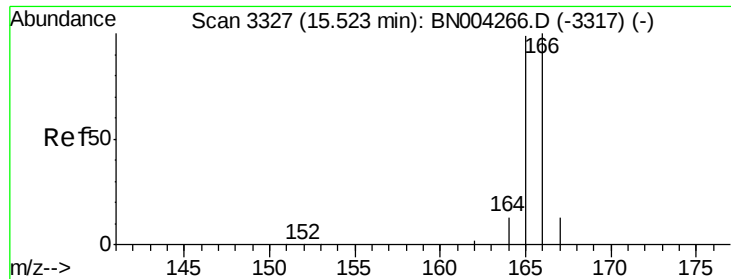
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.52





#9

Fluorene

Concen: 0.067 ng/ul

RT: 15.46 min Scan# 3313

Delta R.T. -0.06 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

F9F62

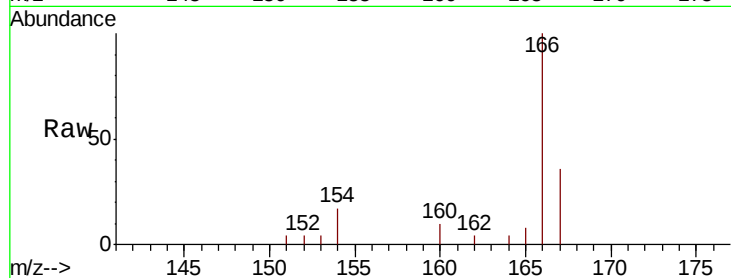
Tgt Ion:166 Resp: 2025

Ion Ratio Lower Upper

166 100

165 8.3 79.0 118.6#

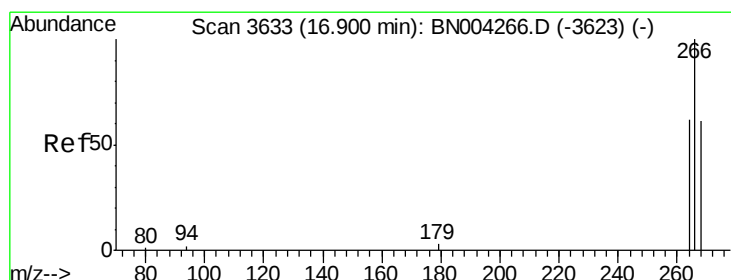
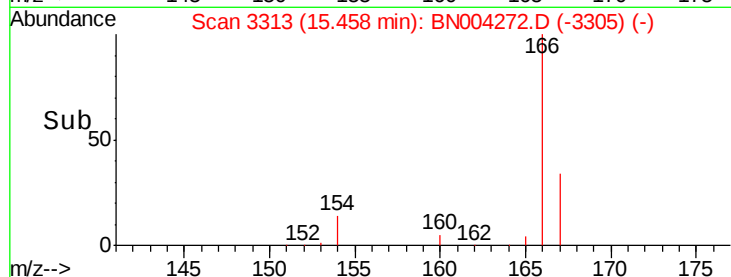
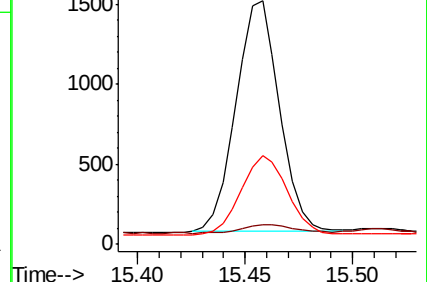
167 36.4 11.3 16.9#



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: BN004272.D

Acq: 28 Dec 2018 20:51

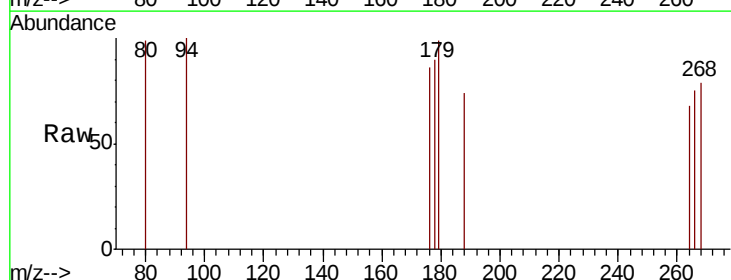
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 100.0 51.1 76.7#

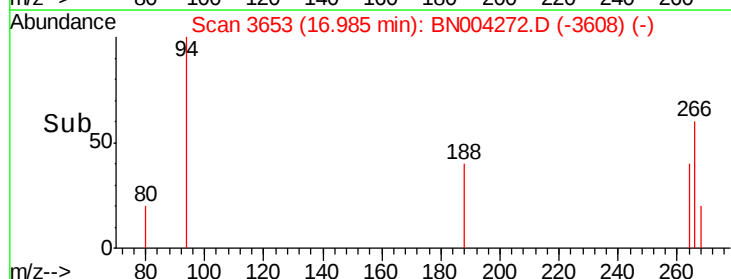
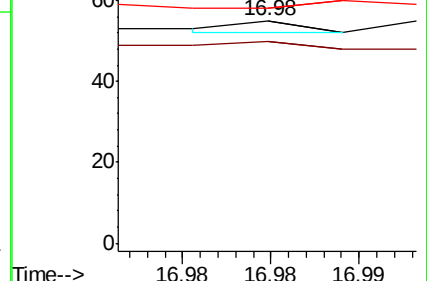
268 0.0 52.6 78.8#

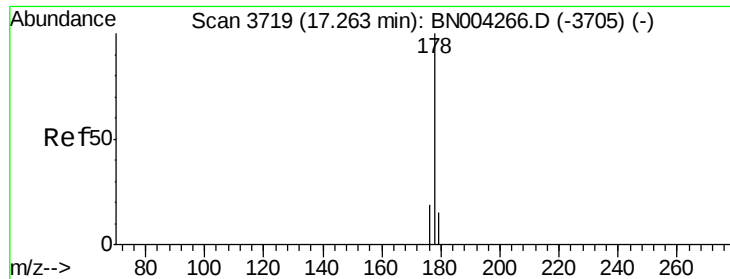


Abundance Ion 266.00 (265.70 to 266.70): E

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# 3738

Delta R.T. 0.08 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

F9F62

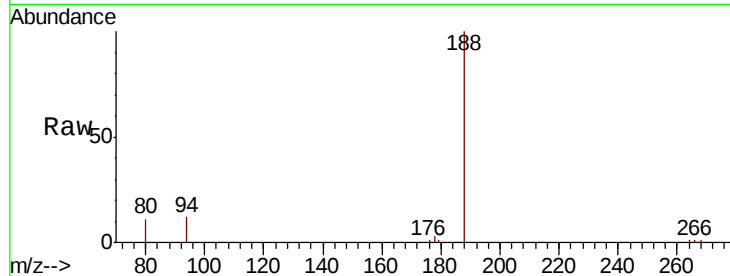
Tgt Ion:178 Resp: 253

Ion Ratio Lower Upper

178 100

179 47.6 12.6 18.8#

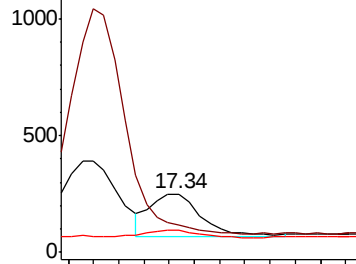
176 37.6 15.2 22.8#



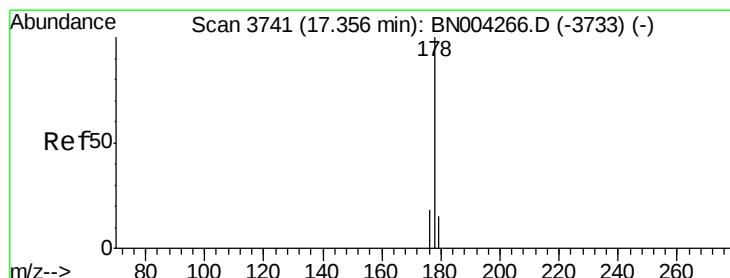
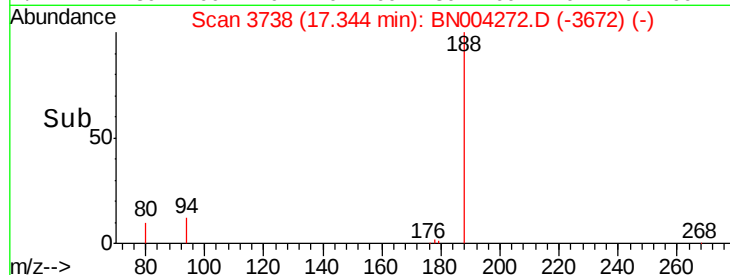
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.40 min Scan# 3752

Delta R.T. 0.05 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

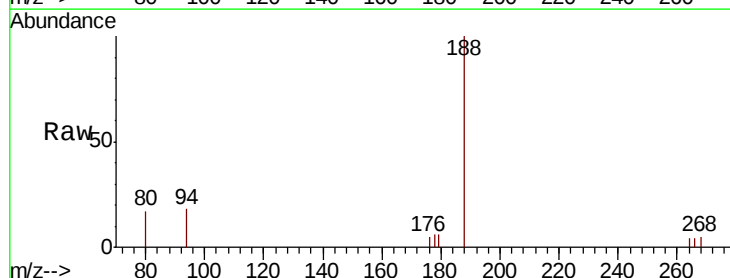
Tgt Ion:178 Resp: 18

Ion Ratio Lower Upper

178 100

179 100.0 12.7 19.1#

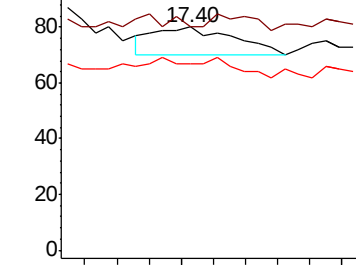
176 83.8 15.0 22.6#



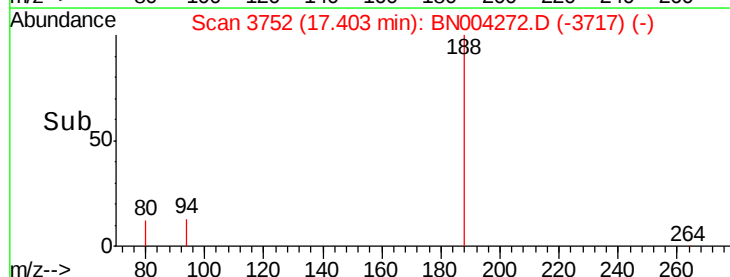
Abundance Ion 178.00 (177.70 to 178.70): E

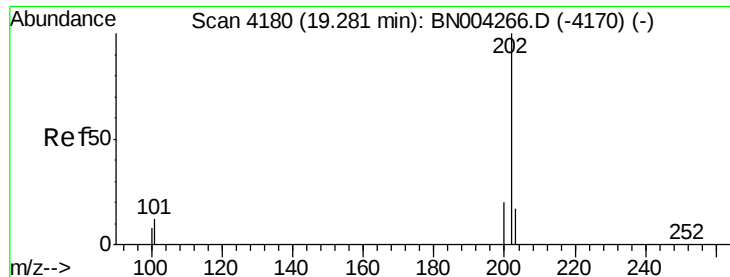
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.36 min Scan# 4197

Delta R.T. 0.08 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

F9F62

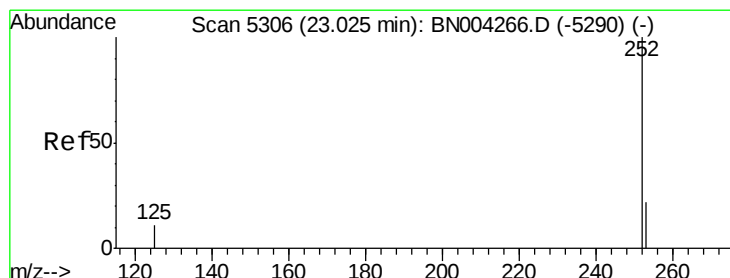
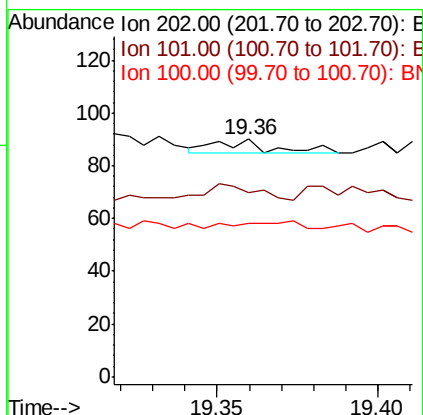
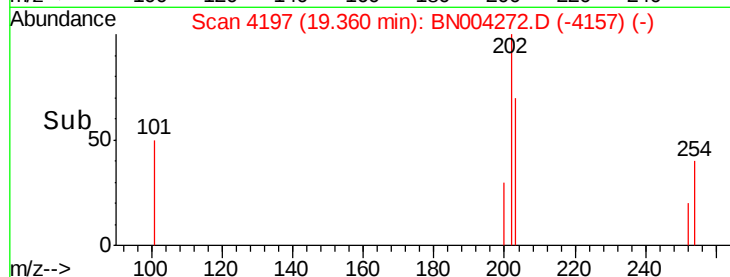
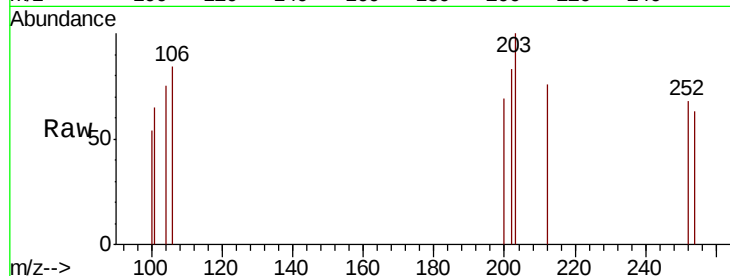
Tgt Ion:202 Resp: 6

Ion Ratio Lower Upper

202 100

101 77.8 0.0 32.6#

100 64.4 0.0 29.7#



#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 22.89 min Scan# 5260

Delta R.T. -0.13 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

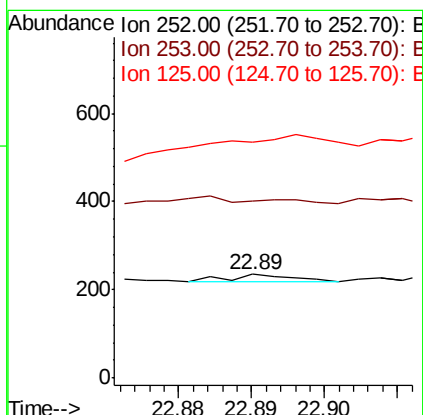
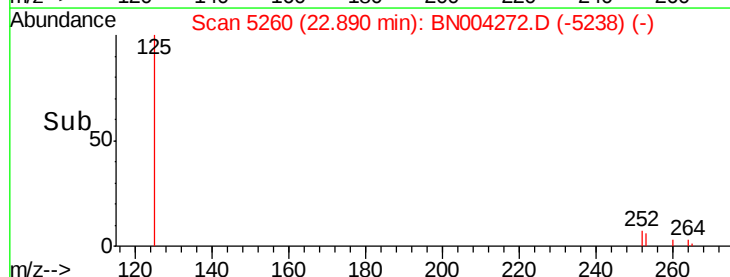
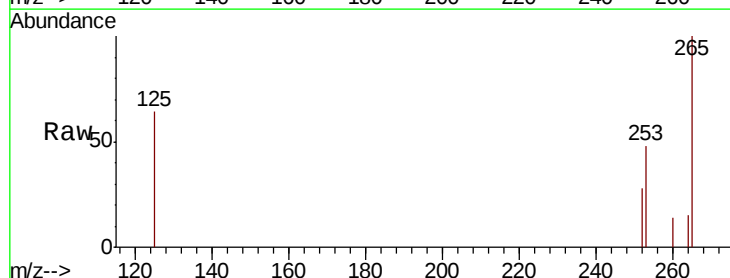
Tgt Ion:252 Resp: 11

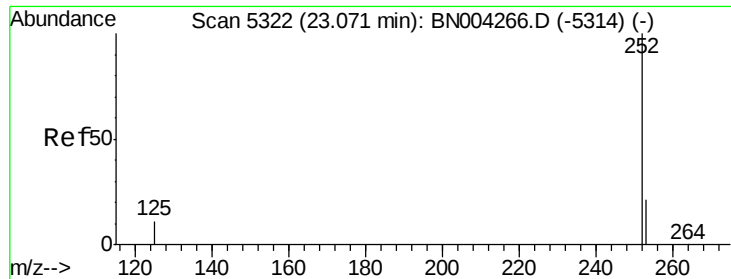
Ion Ratio Lower Upper

252 100

253 170.6 0.0 47.6#

125 227.2 0.0 25.0#





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.89 min Scan# 5260

Delta R.T. -0.18 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

F9F62

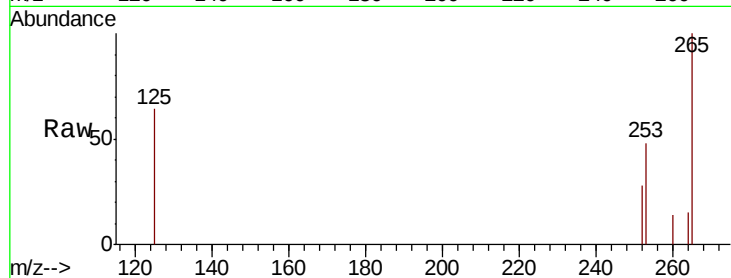
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 170.6 19.0 28.6#

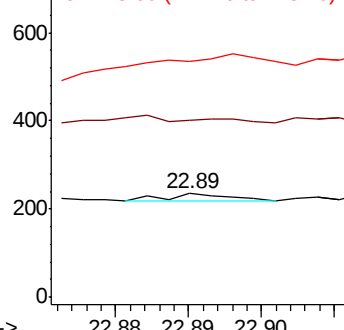
125 227.2 10.2 15.2#



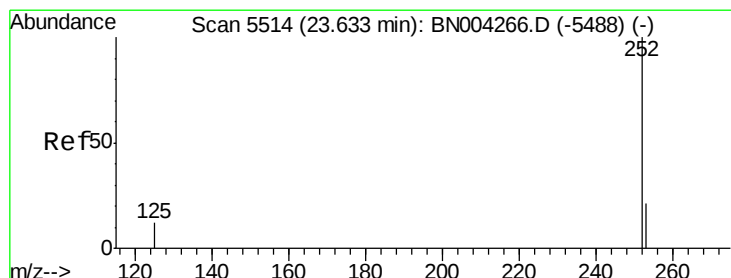
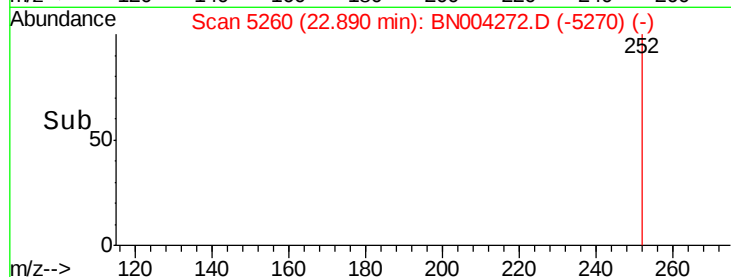
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.001 ng/ul

RT: 23.57 min Scan# 5494

Delta R.T. -0.06 min

Lab File: BN004272.D

Acq: 28 Dec 2018 20:51

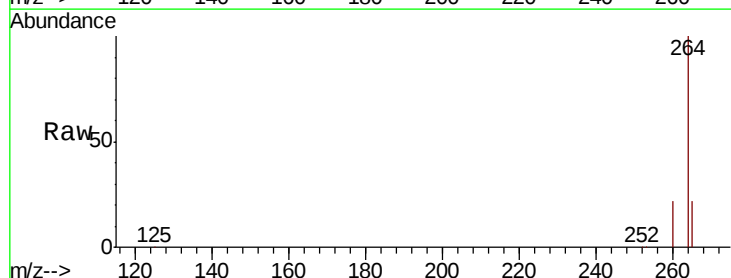
Tgt Ion:252 Resp: 5248

Ion Ratio Lower Upper

252 100

253 37.3 20.0 30.0#

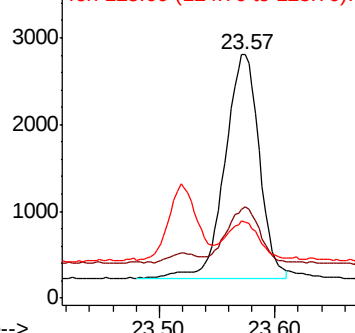
125 31.4 11.4 17.0#



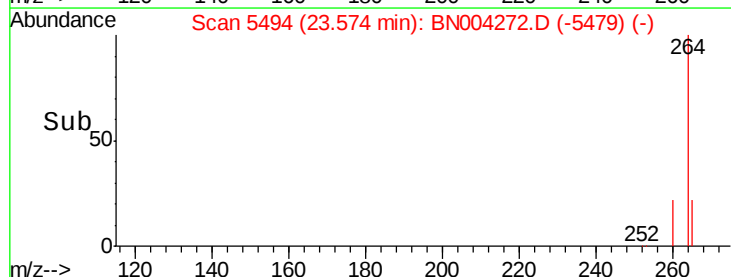
Abundance Ion 252.00 (251.70 to 252.70): E

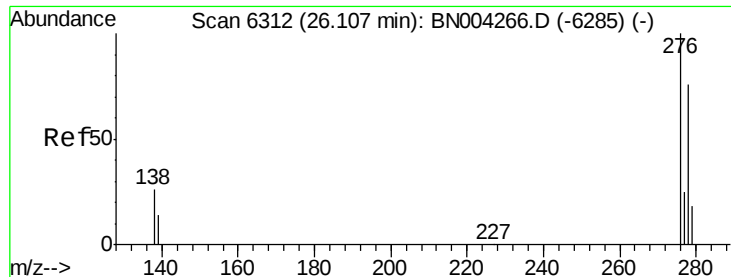
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

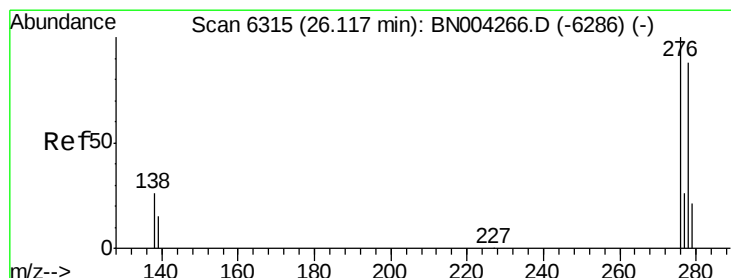
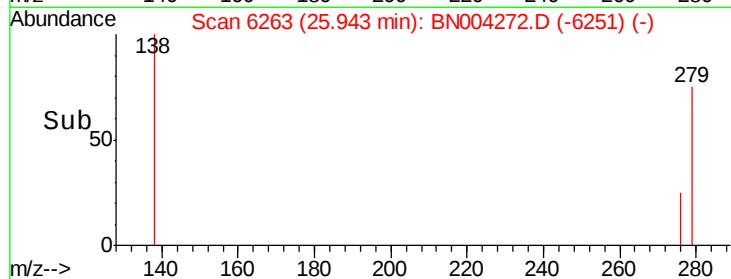
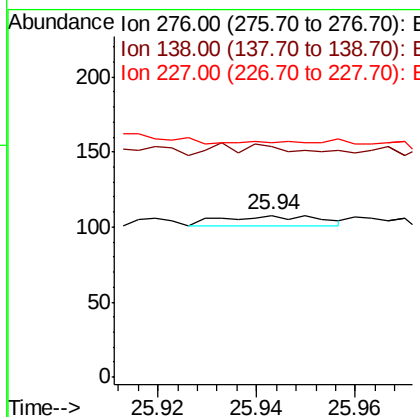
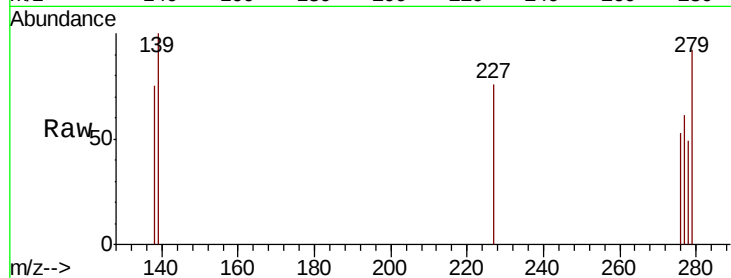




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.000 ng/u1
 RT: 25.94 min Scan# 6263
 Delta R.T. -0.16 min
 Lab File: BN004272.D
 Acq: 28 Dec 2018 20:51

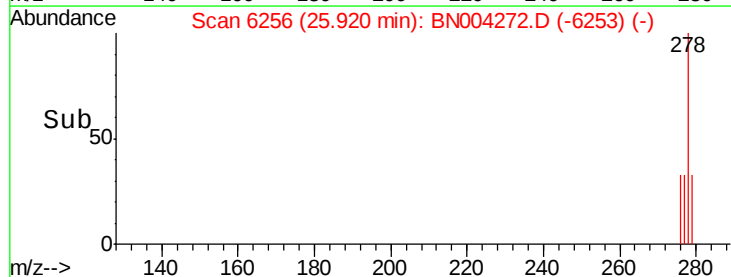
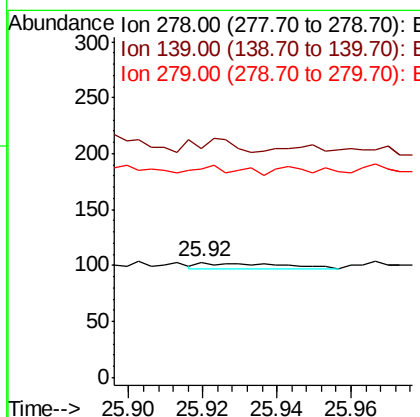
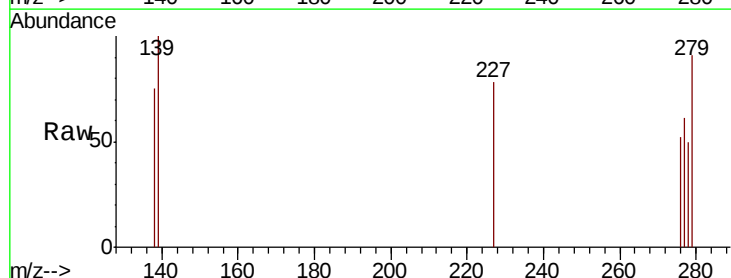
Instrument :
 MSVOA_W
 ClientSampleId :
 F9F62

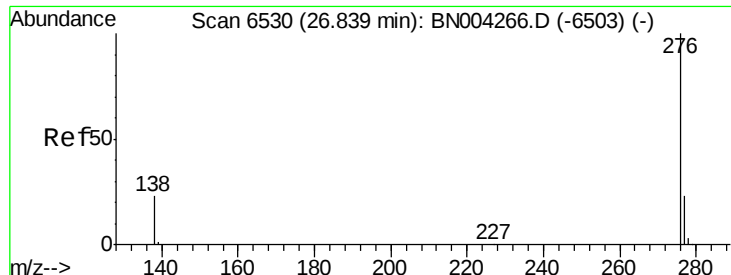
Tgt Ion: 276 Resp: 9
 Ion Ratio Lower Upper
 276 100
 138 0.0 0.0 0.0
 227 0.0 0.1 0.1#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.000 ng/u1
 RT: 25.92 min Scan# 6256
 Delta R.T. -0.19 min
 Lab File: BN004272.D
 Acq: 28 Dec 2018 20:51

Tgt Ion: 278 Resp: 8
 Ion Ratio Lower Upper
 278 100
 139 198.1 15.4 23.2#
 279 180.6 21.0 31.6#





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/u1

RT: 26.66 min Scan# 6476

Delta R.T. -0.17 min

Lab File: BN004272.D

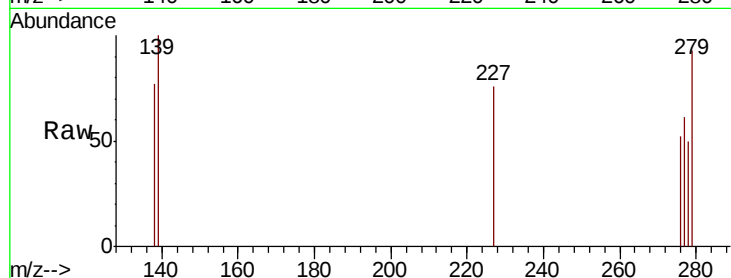
Acq: 28 Dec 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

F9F62



Tgt Ion	Ratio	Lower	Upper
276	100		
138	147.1	19.4	29.0#
277	116.3	20.4	30.6#

