

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004273.D
 Acq On : 28 Dec 2018 21:26
 Operator : JU/SJ
 Sample : J6541-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F79

Quant Time: Dec 28 22:20:41 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	2384	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10952	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	6749	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1191748	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.57	264	1262402	0.40	ng/ul	-0.16

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	5145	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

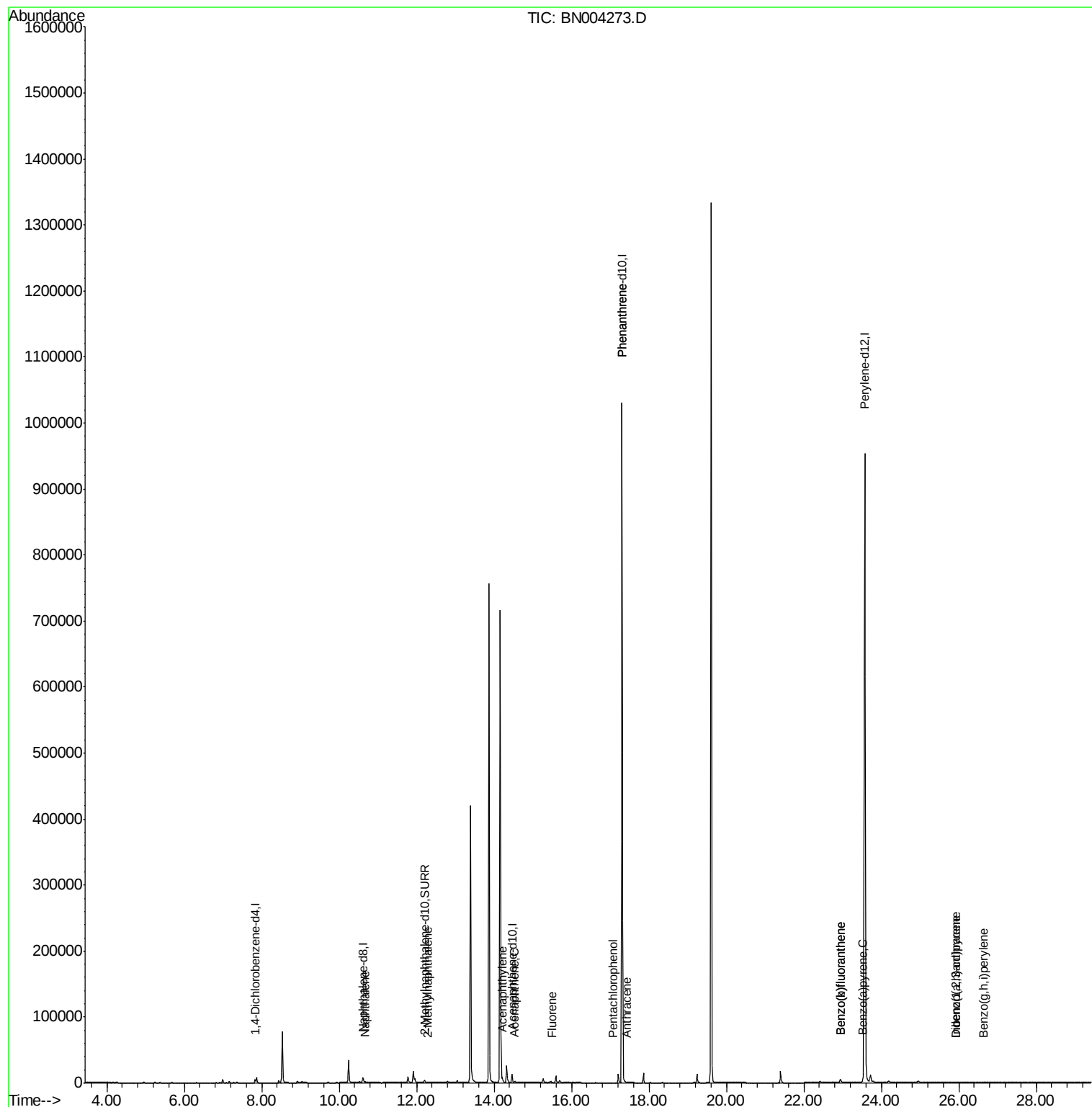
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.66	128	176	0.006	ng/ul#	12
5) 2-Methylnaphthalene	12.28	142	128	0.006	ng/ul#	74
7) Acenaphthylene	14.20	152	143	0.004	ng/ul#	1
8) Acenaphthene	14.53	153	2031	0.075	ng/ul#	26
9) Fluorene	15.51	166	91	0.003	ng/ul#	82
11) Pentachlorophenol	17.07	266	3	0.000	ng/ul	98
12) Phenanthrene	17.31	178	616	0.000	ng/ul#	1
13) Anthracene	17.43	178	10	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.94	252	95	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	95	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.52	252	176	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.94	276	4	0.000	ng/ul#	25
25) Dibenzo(a,h)anthracene	25.92	278	6	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.64	276	5	0.000	ng/ul#	1

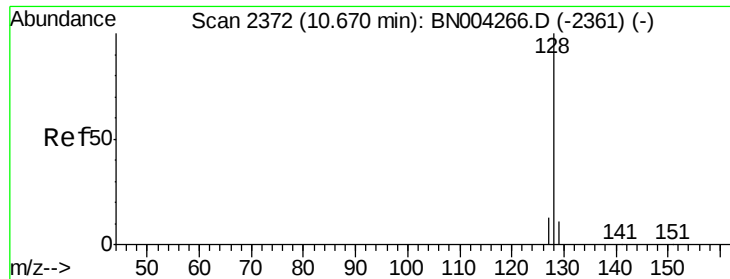
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.006 ng/ul

RT: 10.66 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

Instrument :

MSVOA_W

ClientSampled :

F9F79

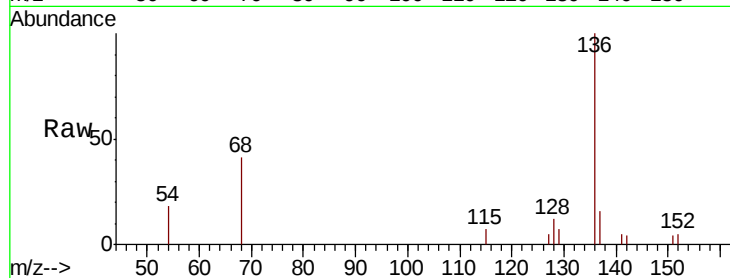
Tgt Ion:128 Resp: 176

Ion Ratio Lower Upper

128 100

129 53.7 9.5 14.3#

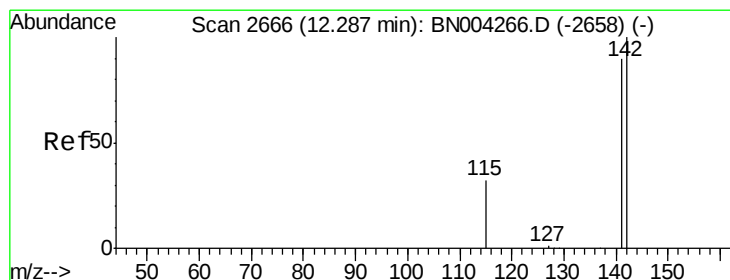
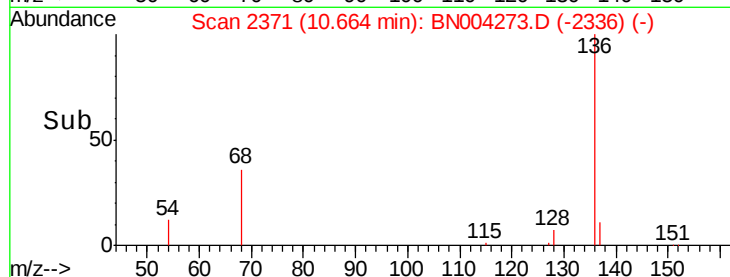
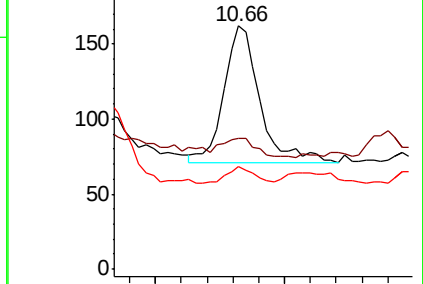
127 42.0 11.0 16.4#



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: 0.006 ng/ul

RT: 12.28 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BN004273.D

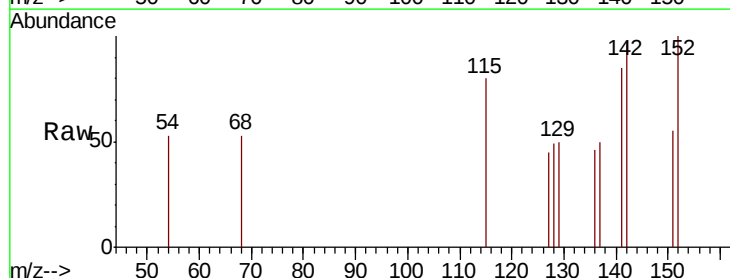
Acq: 28 Dec 2018 21:26

Tgt Ion:142 Resp: 128

Ion Ratio Lower Upper

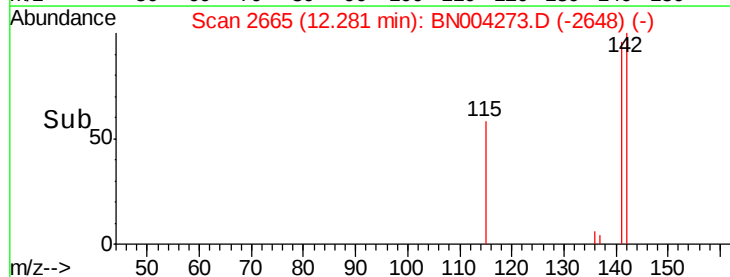
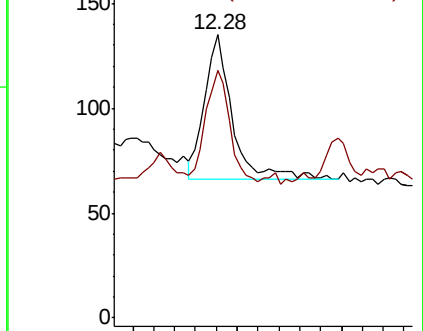
142 100

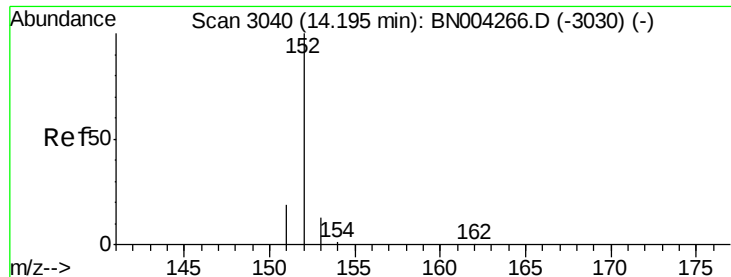
141 64.8 71.4 107.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 14.20 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

Instrument :

MSVOA_W

ClientSampleId :

F9F79

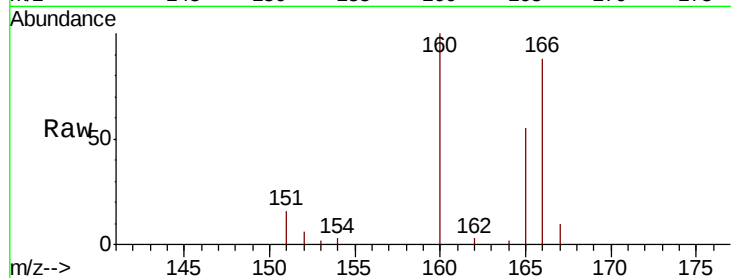
Tgt Ion:152 Resp: 143

Ion Ratio Lower Upper

152 100

151 256.9 16.3 24.5#

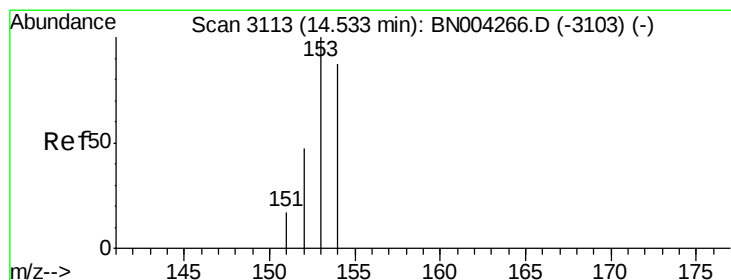
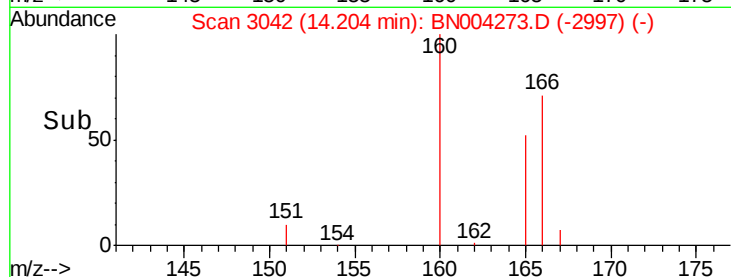
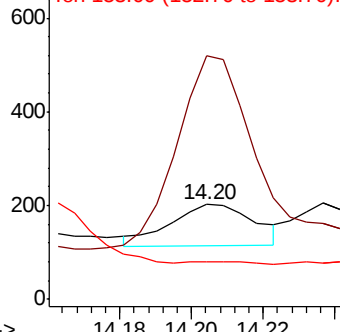
153 40.1 11.1 16.7#



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: 0.075 ng/ul

RT: 14.53 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

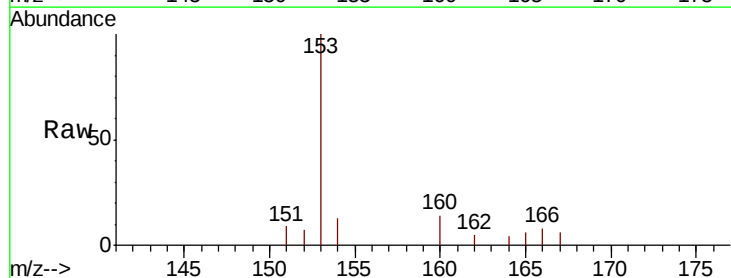
Tgt Ion:153 Resp: 2031

Ion Ratio Lower Upper

153 100

152 7.2 38.2 57.2#

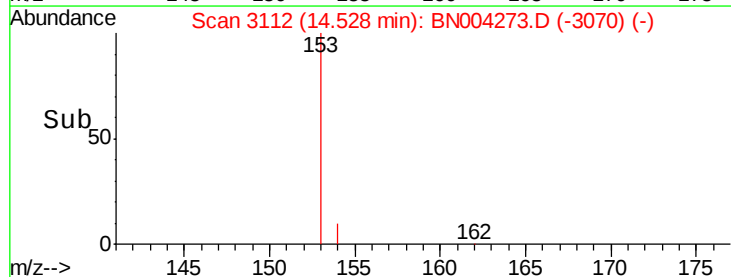
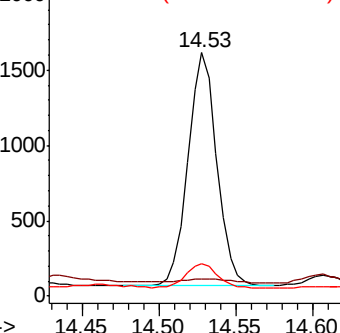
154 13.2 70.9 106.3#

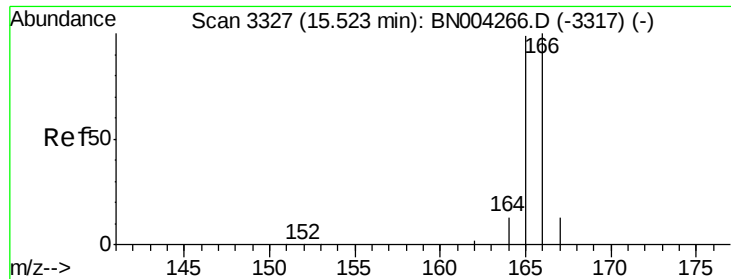


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.003 ng/ul

RT: 15.51 min Scan# 3325

Delta R.T. -0.01 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

Instrument :

MSVOA_W

ClientSampleId :

F9F79

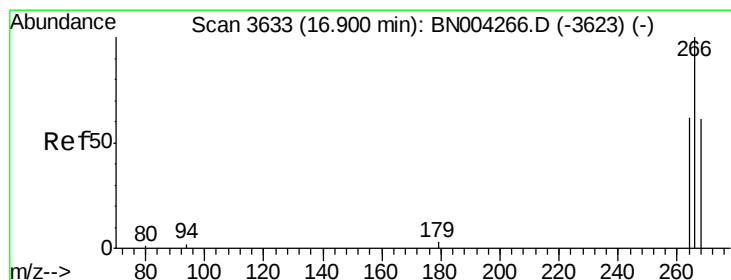
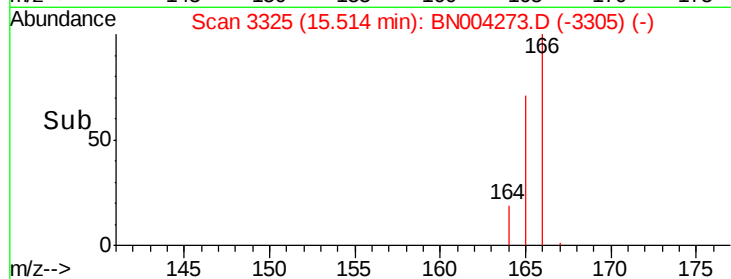
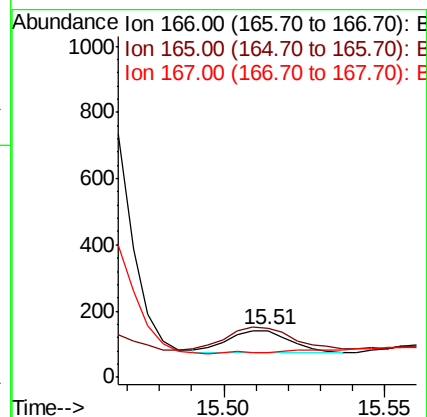
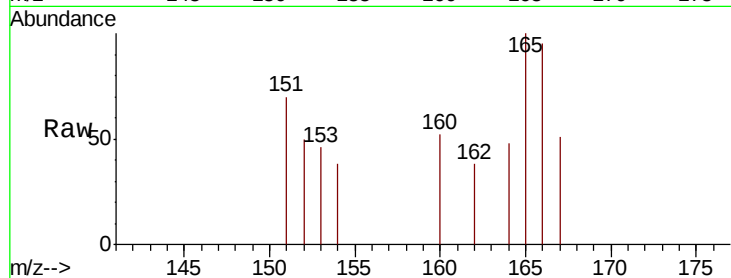
Tgt Ion:166 Resp: 91

Ion Ratio Lower Upper

166 100

165 105.7 79.0 118.6

167 53.9 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 17.07 min Scan# 3672

Delta R.T. 0.17 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

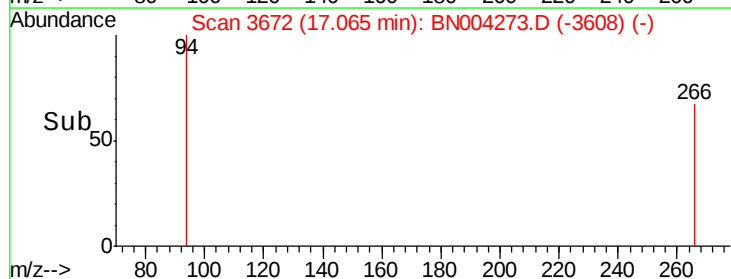
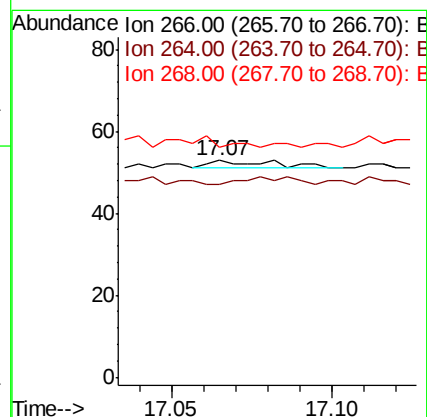
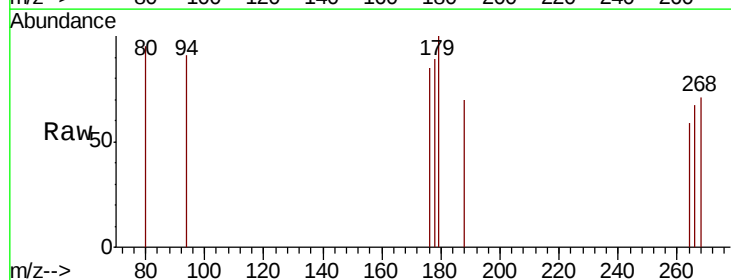
Tgt Ion:266 Resp: 3

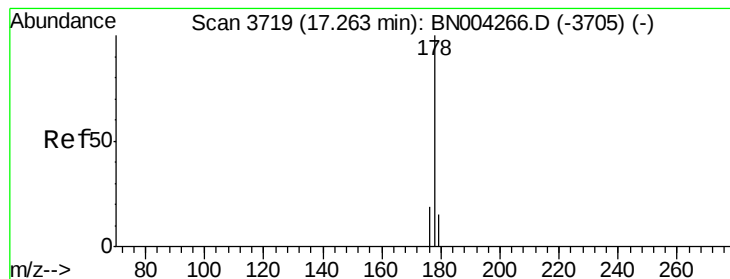
Ion Ratio Lower Upper

266 100

264 66.7 51.1 76.7

268 66.7 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: BN004273.D

Acq: 28 Dec 2018 21:26

Instrument :

MSVOA_W

ClientSampleId :

F9F79

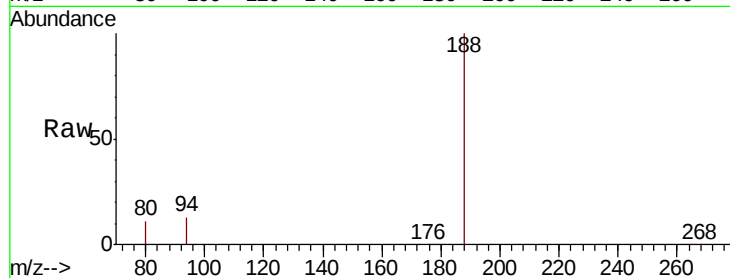
Tgt Ion:178 Resp: 616

Ion Ratio Lower Upper

178 100

179 271.0 12.6 18.8#

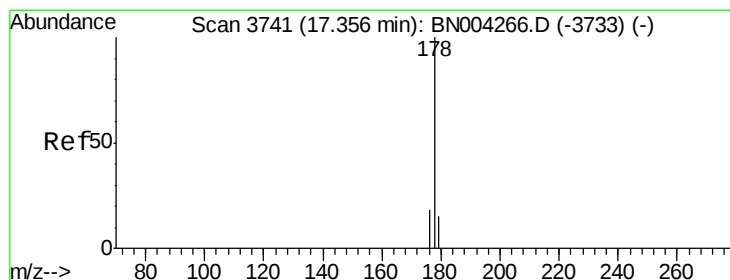
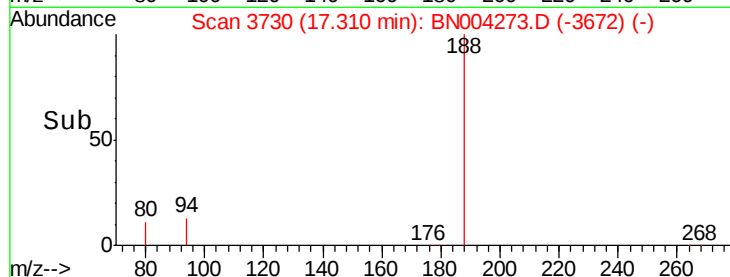
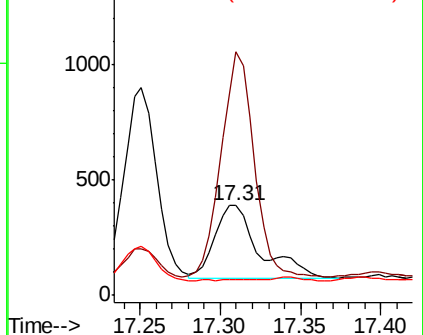
176 17.7 15.2 22.8



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: 17.43 min Scan# 3759

Delta R.T. 0.08 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

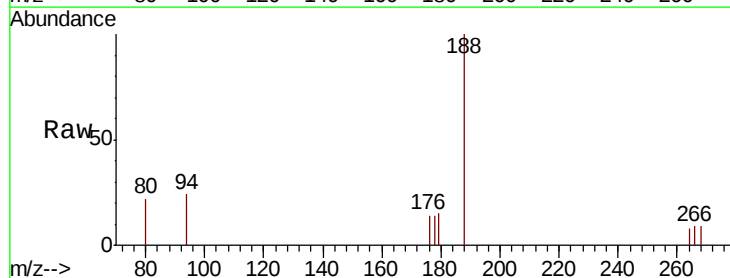
Tgt Ion:178 Resp: 10

Ion Ratio Lower Upper

178 100

179 108.4 12.7 19.1#

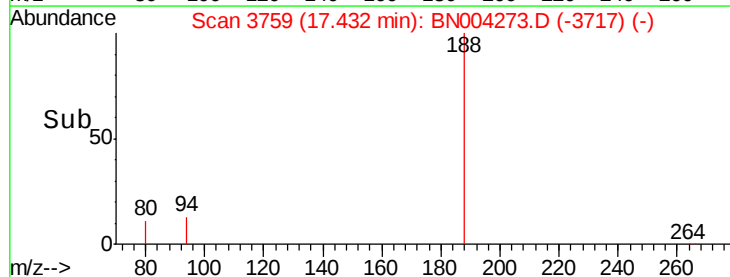
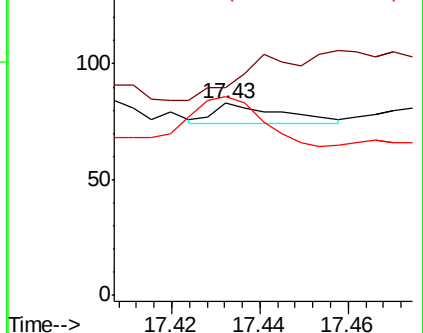
176 103.6 15.0 22.6#

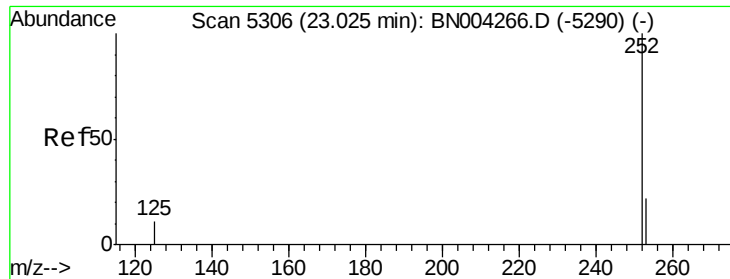


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/u1

RT: 22.94 min Scan# 5277

Delta R.T. -0.08 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

Instrument :

MSVOA_W

ClientSampleId :

F9F79

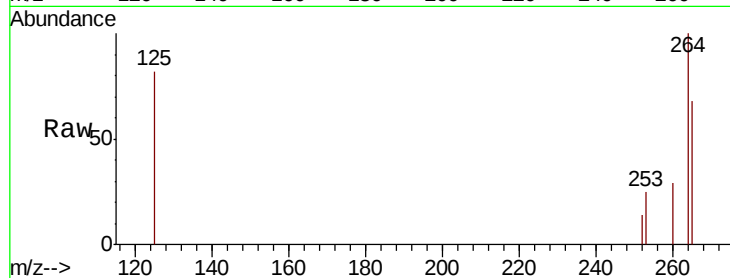
Tgt Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 181.6 0.0 47.6#

125 595.5 0.0 25.0#

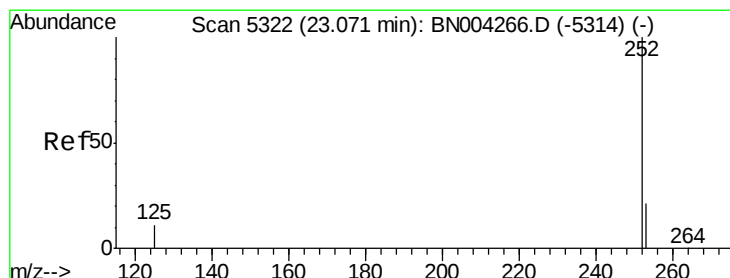
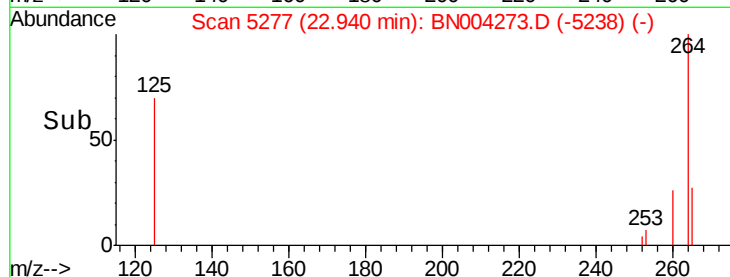
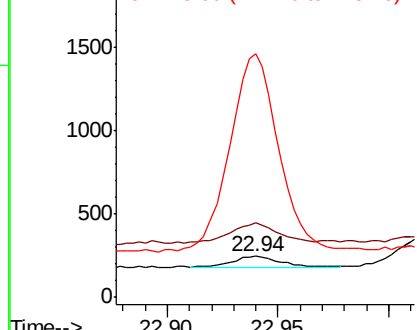


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.000 ng/u1

RT: 22.94 min Scan# 5277

Delta R.T. -0.13 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

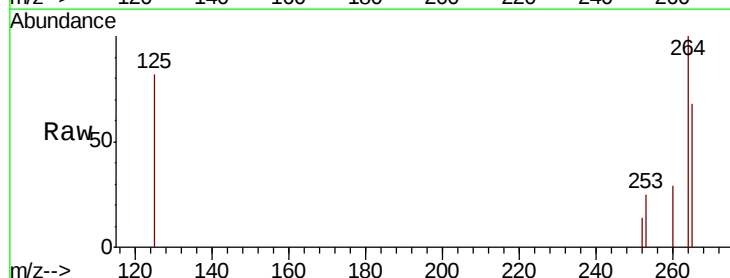
Tgt Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 181.6 19.0 28.6#

125 595.5 10.2 15.2#

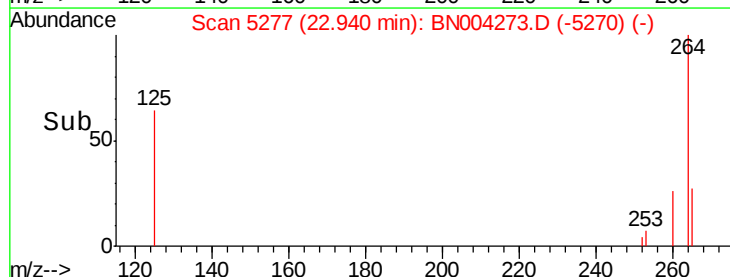
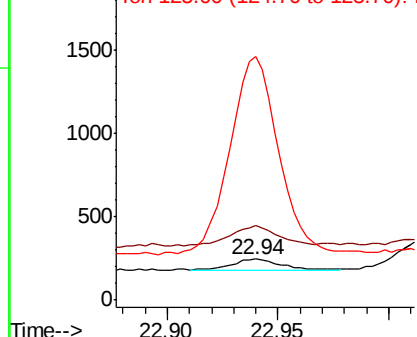


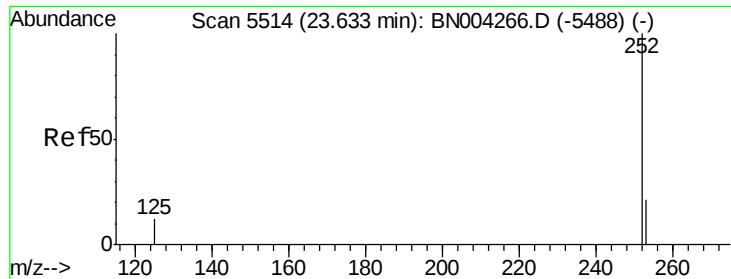
Abundance

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# 5474

Delta R.T. -0.11 min

Lab File: BN004273.D

Acq: 28 Dec 2018 21:26

Instrument :

MSVOA_W

ClientSampleId :

F9F79

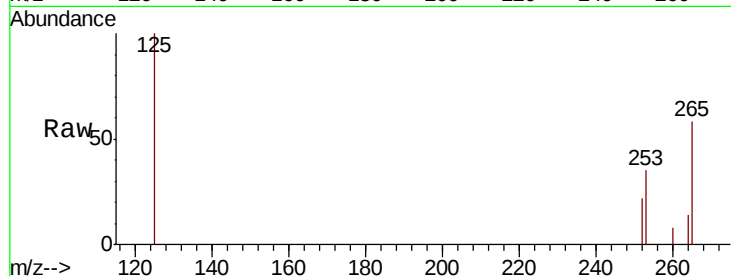
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 162.3 20.0 30.0#

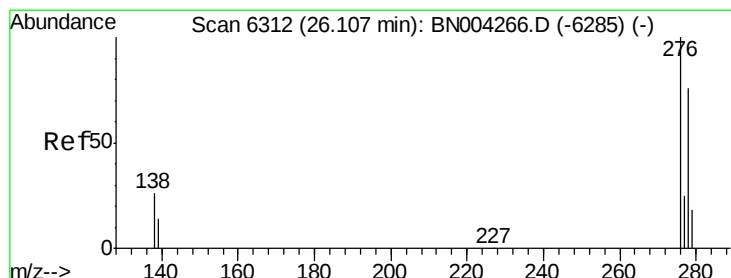
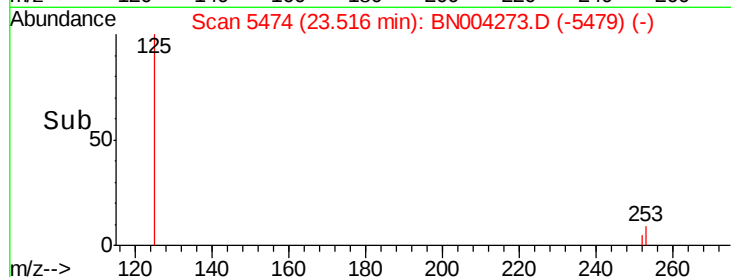
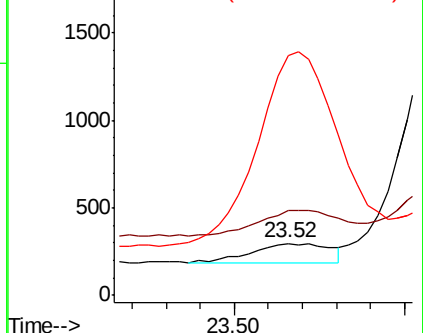
125 461.3 11.4 17.0#



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: BN004273.D

Acq: 28 Dec 2018 21:26

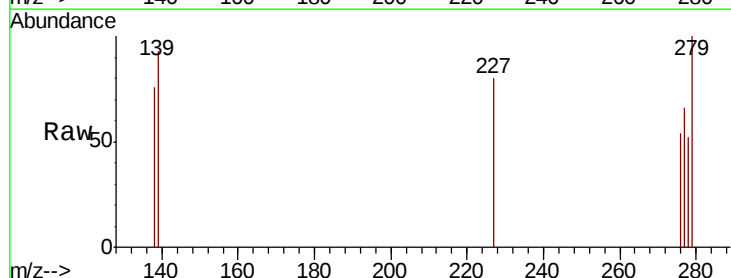
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

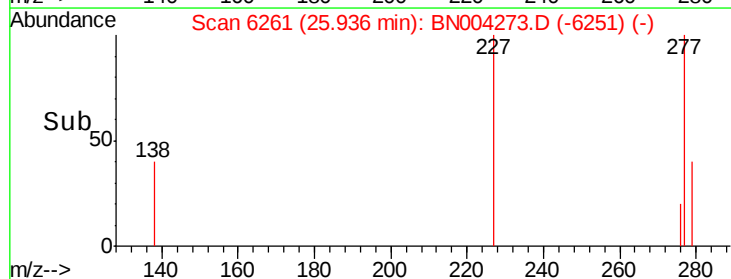
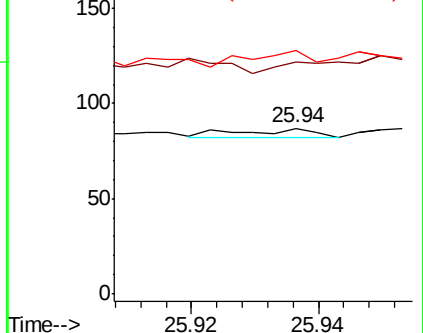
227 175.0 0.1 0.1#

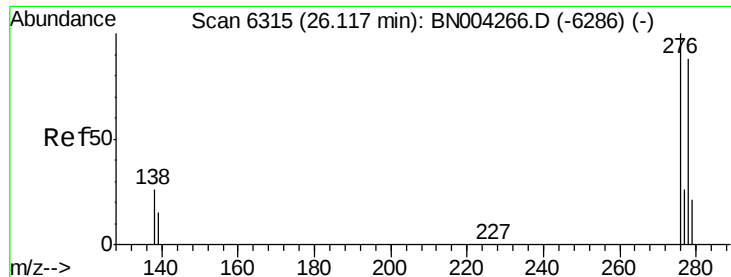


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

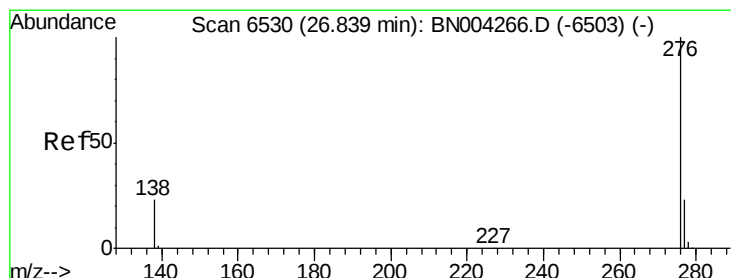
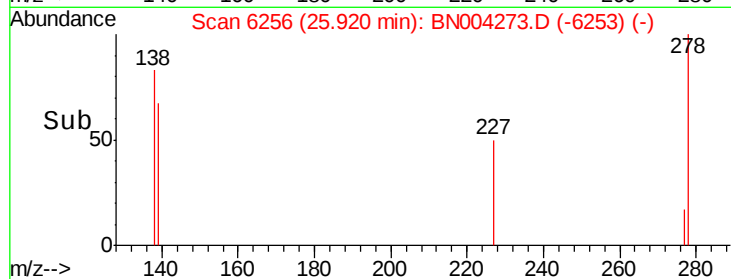
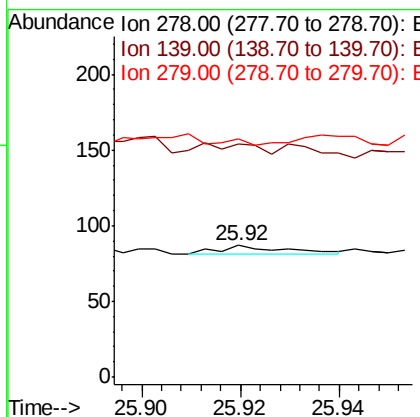
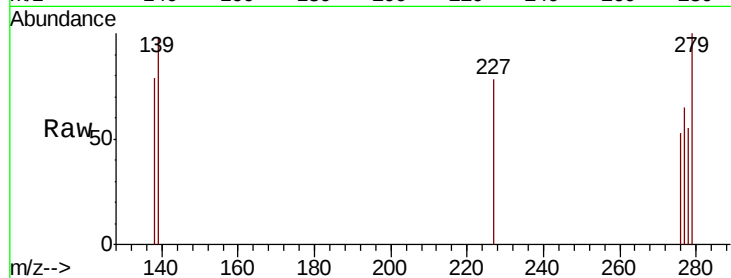




#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.92 min Scan# 6256
Delta R.T. -0.19 min
Lab File: BN004273.D
Acq: 28 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
F9F79

Tgt Ion:278 Resp: 6
Ion Ratio Lower Upper
278 100
139 177.0 15.4 23.2#
279 180.5 21.0 31.6#



#26
Benzo(g,h,i)perylene
Concen: 0.000 ng/u1
RT: 26.64 min Scan# 6470
Delta R.T. -0.19 min
Lab File: BN004273.D
Acq: 28 Dec 2018 21:26

Tgt Ion:276 Resp: 5
Ion Ratio Lower Upper
276 100
138 140.0 19.4 29.0#
277 120.0 20.4 30.6#

