

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004269.D
 Acq On : 28 Dec 2018 19:06
 Operator : JU/SJ
 Sample : J6541-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F66

Quant Time: Dec 28 22:20:17 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	2042	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	9206	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	5627	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1076185	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	1194724	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.21	152	4615	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

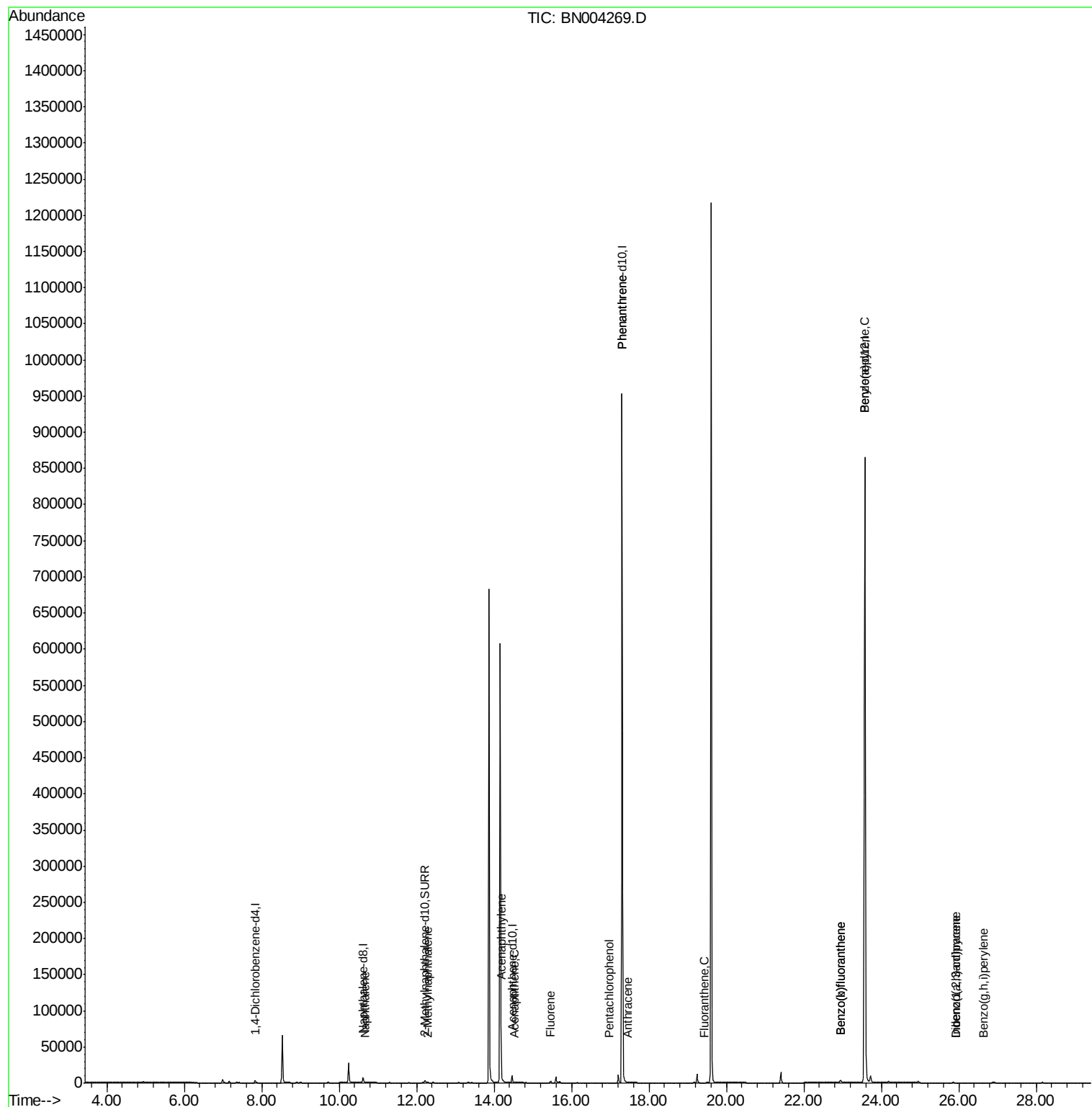
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.67	128	171	0.007	ng/ul#	14
5) 2-Methylnaphthalene	12.29	142	38	0.002	ng/ul	97
7) Acenaphthylene	14.19	152	46	0.002	ng/ul#	1
8) Acenaphthene	14.52	153	13	0.001	ng/ul#	71
9) Fluorene	15.46	166	1725	0.067	ng/ul#	13
11) Pentachlorophenol	16.98	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.31	178	501	0.000	ng/ul#	1
13) Anthracene	17.46	178	2	0.000	ng/ul#	1
15) Fluoranthene	19.42	202	8	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.94	252	65	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	65	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.57	252	4496	0.001	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.94	276	3	0.000	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.93	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.64	276	5	0.000	ng/ul#	1

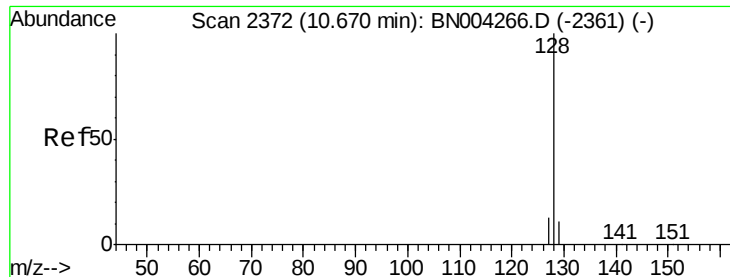
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.007 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

F9F66

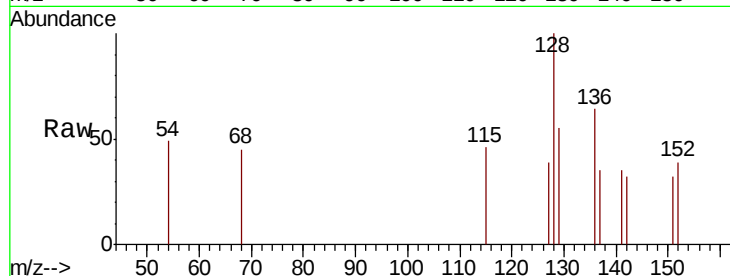
Tgt Ion:128 Resp: 171

Ion Ratio Lower Upper

128 100

129 55.4 9.5 14.3#

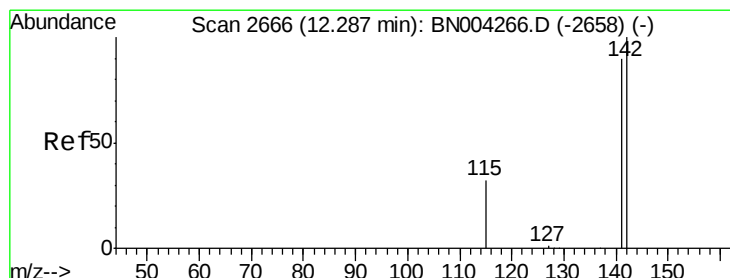
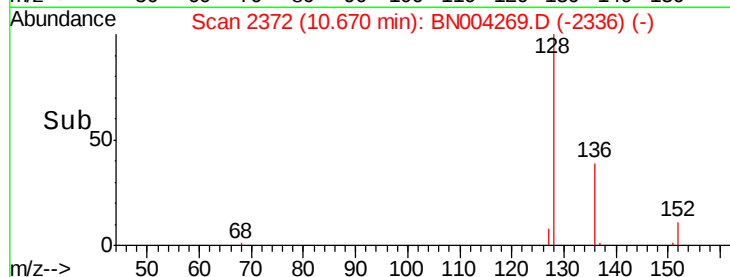
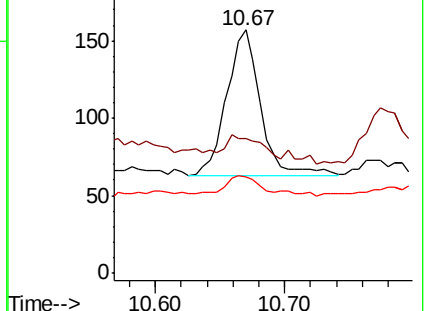
127 39.5 11.0 16.4#



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: 0.002 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BN004269.D

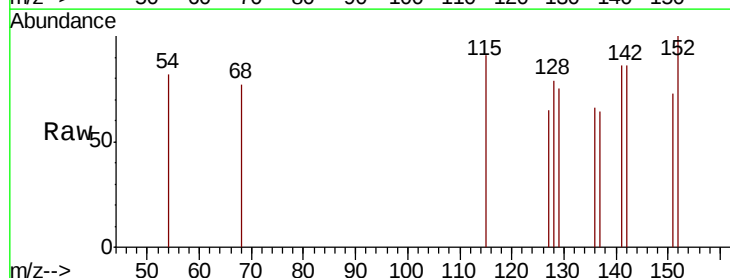
Acq: 28 Dec 2018 19:06

Tgt Ion:142 Resp: 38

Ion Ratio Lower Upper

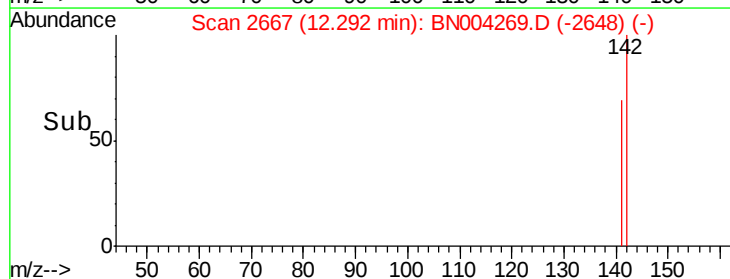
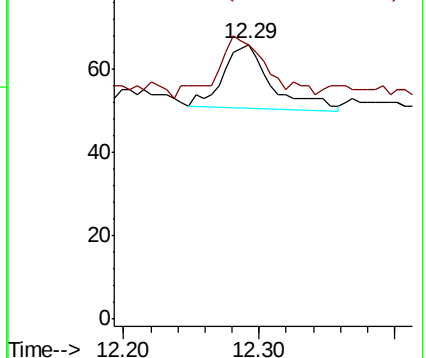
142 100

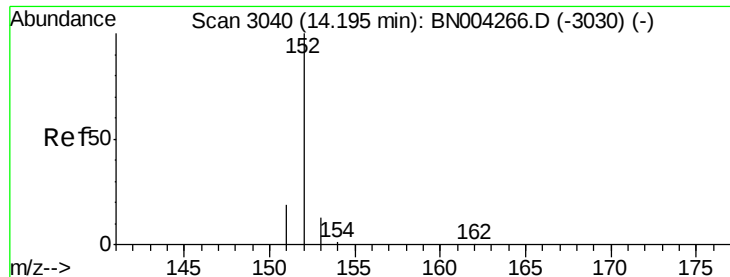
141 86.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 14.19 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampled :

F9F66

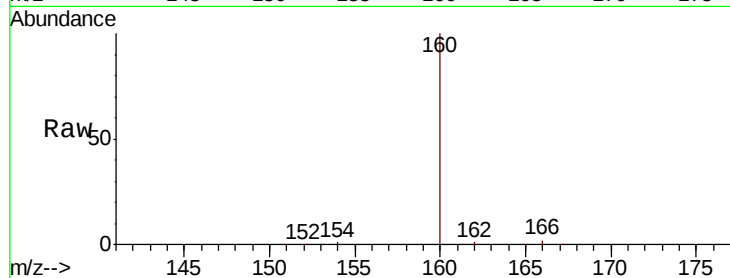
Tgt Ion:152 Resp: 46

Ion Ratio Lower Upper

152 100

151 76.3 16.3 24.5#

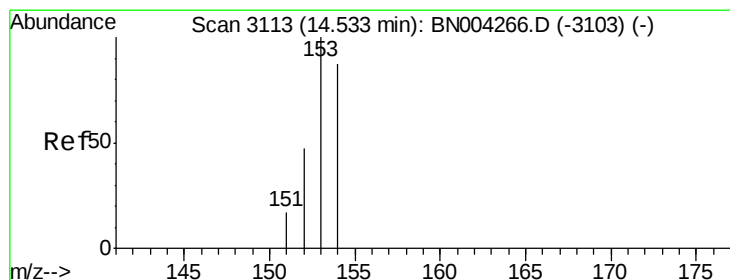
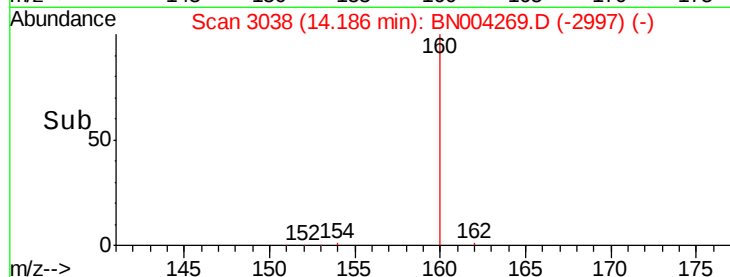
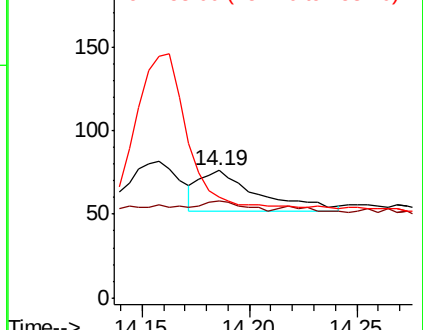
153 78.9 11.1 16.7#



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: 14.52 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

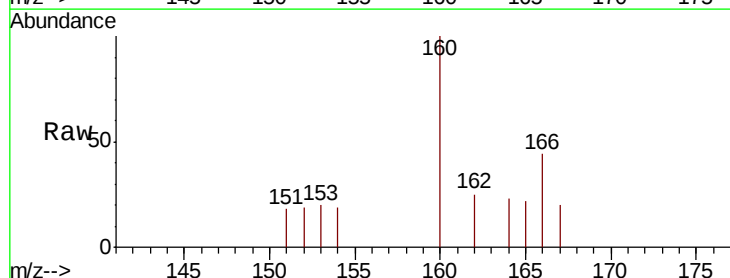
Tgt Ion:153 Resp: 13

Ion Ratio Lower Upper

153 100

152 96.6 38.2 57.2#

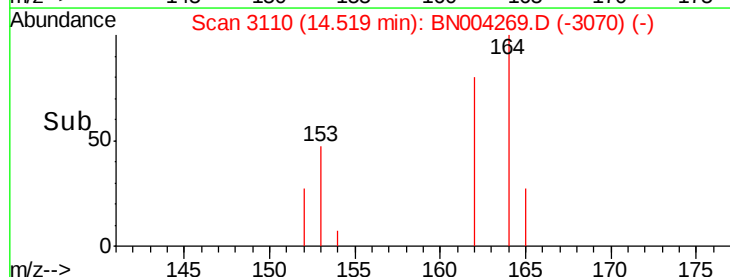
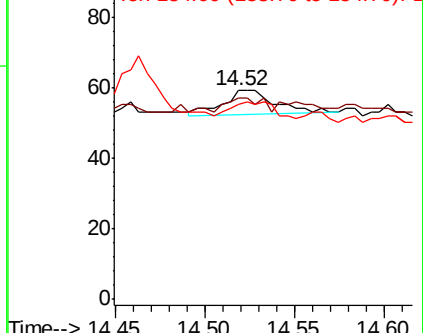
154 93.2 70.9 106.3

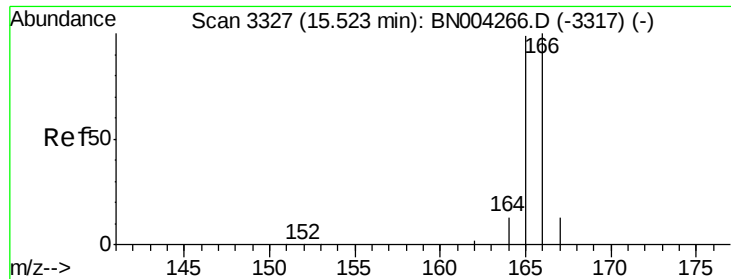


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.067 ng/ul

RT: 15.46 min Scan# 3313

Delta R.T. -0.06 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

F9F66

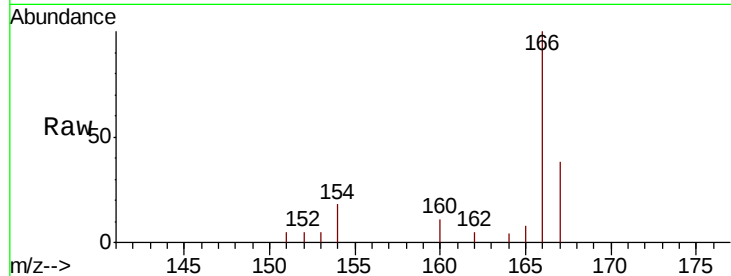
Tgt Ion:166 Resp: 1725

Ion Ratio Lower Upper

166 100

165 8.5 79.0 118.6#

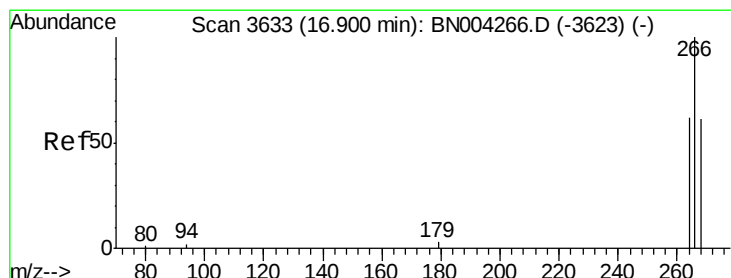
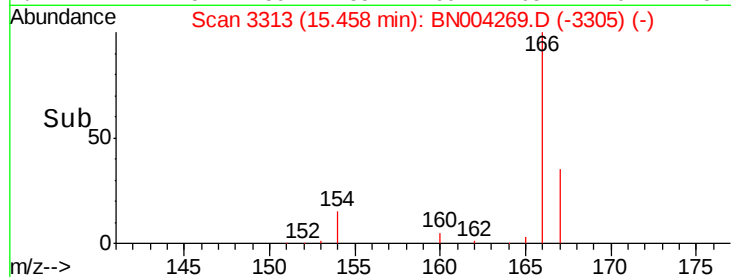
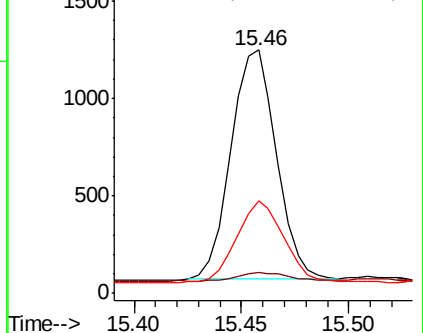
167 37.9 11.3 16.9#



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# 3652

Delta R.T. 0.08 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

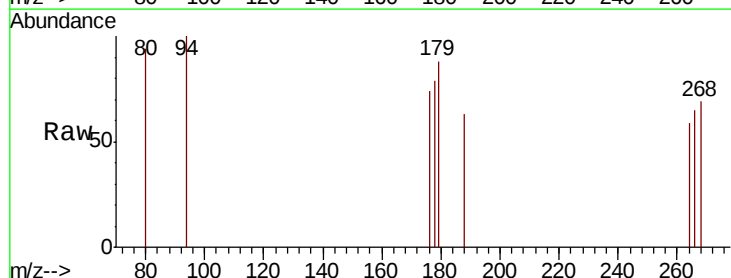
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 51.1 76.7#

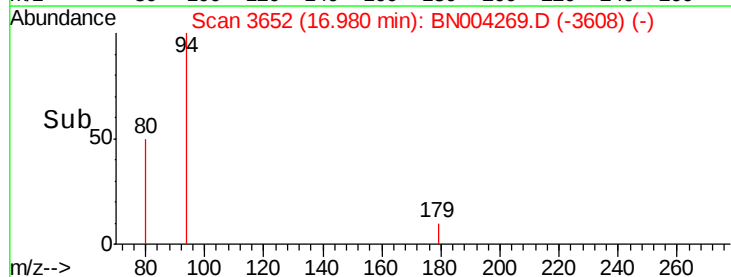
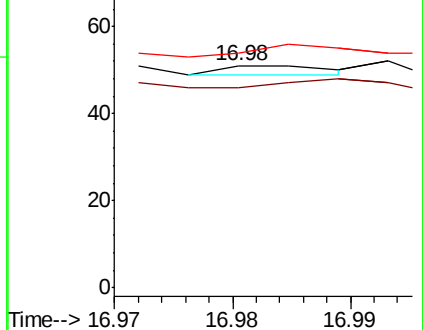
268 200.0 52.6 78.8#

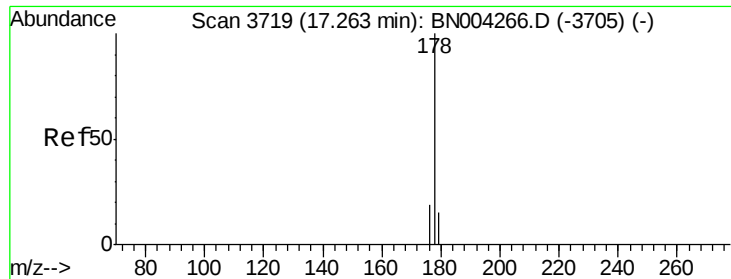


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.31 min Scan# 3730

Delta R.T. 0.05 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

F9F66

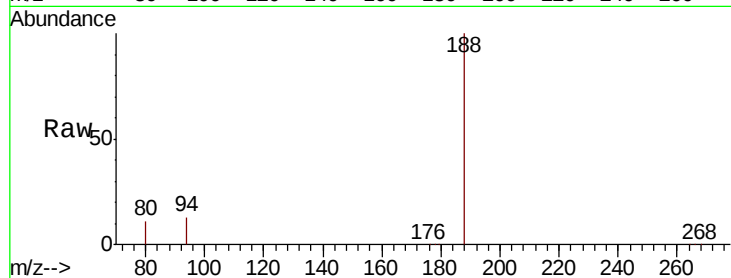
Tgt Ion:178 Resp: 501

Ion Ratio Lower Upper

178 100

179 259.0 12.6 18.8#

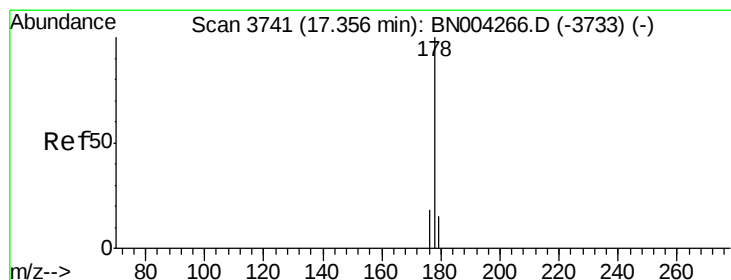
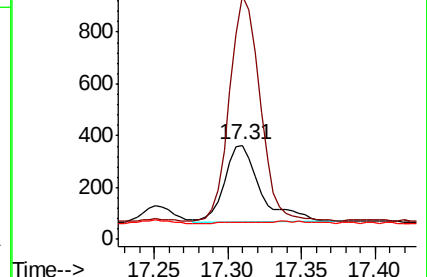
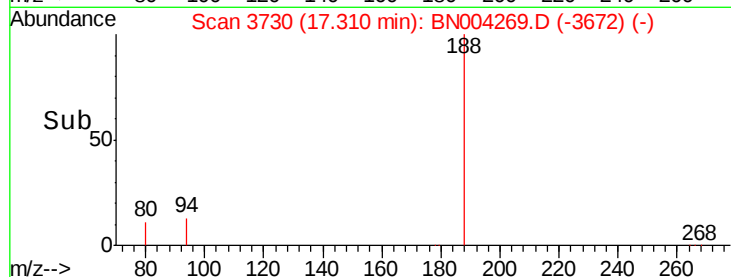
176 17.9 15.2 22.8



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: 17.46 min Scan# 3765

Delta R.T. 0.10 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

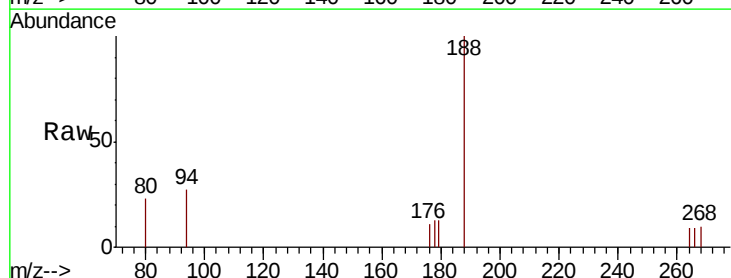
Tgt Ion:178 Resp: 2

Ion Ratio Lower Upper

178 100

179 101.4 12.7 19.1#

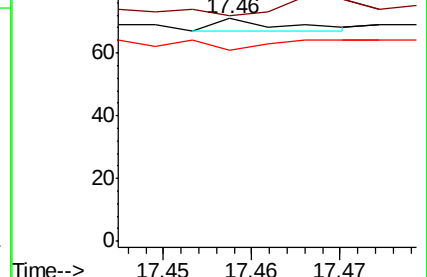
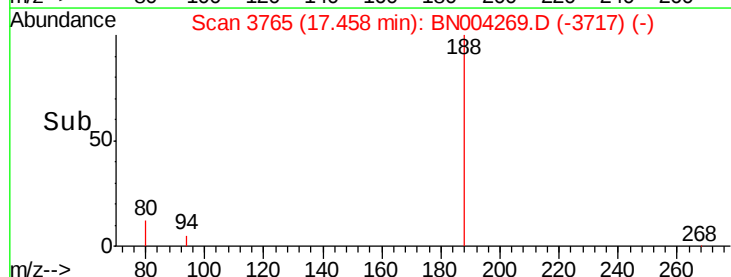
176 85.9 15.0 22.6#

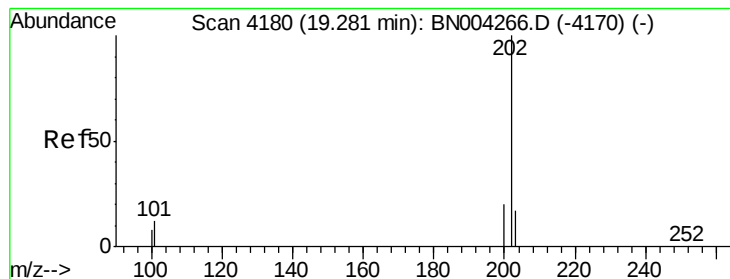


Abundance Ion 178.00 (177.70 to 178.70): E

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: BN004269.D

Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

F9F66

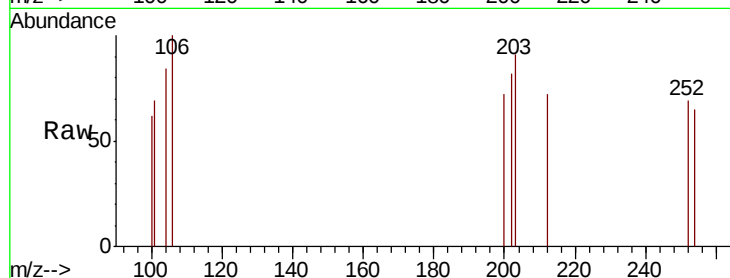
Tgt Ion:202 Resp: 8

Ion Ratio Lower Upper

202 100

101 84.3 0.0 32.6#

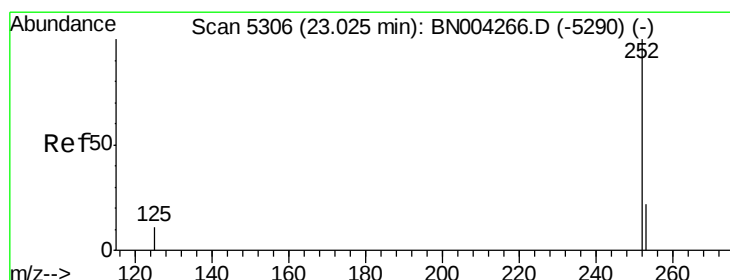
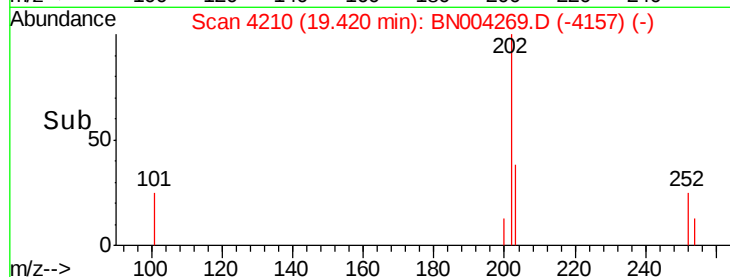
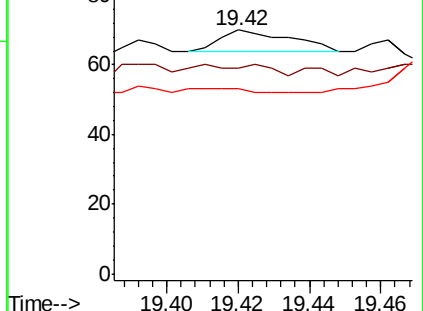
100 75.7 0.0 29.7#



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



#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 22.94 min Scan# 5276

Delta R.T. -0.09 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

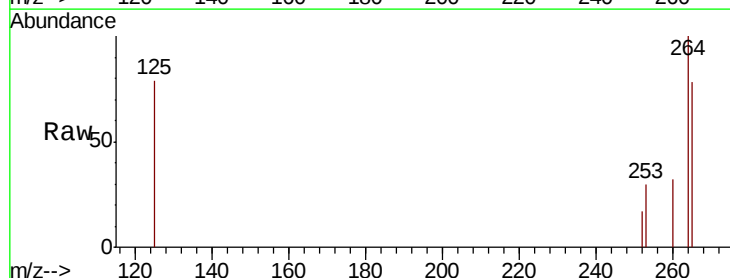
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 175.3 0.0 47.6#

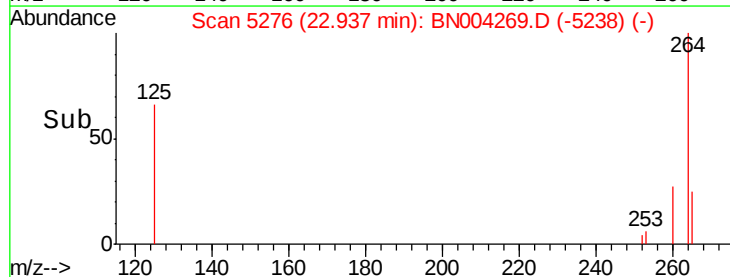
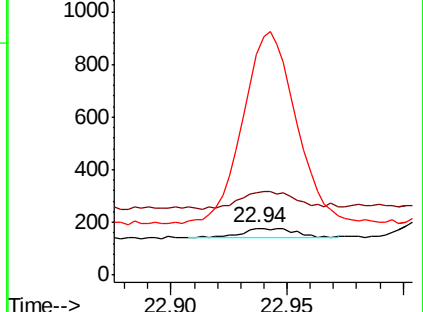
125 470.2 0.0 25.0#

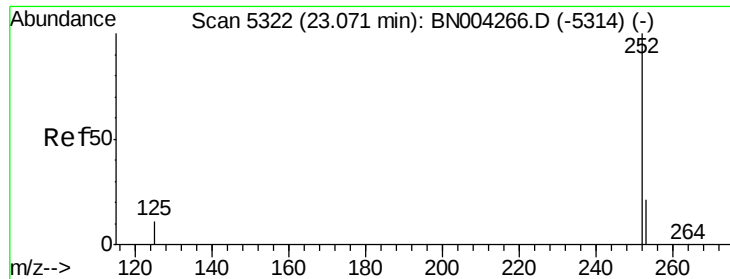


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 22.94 min Scan# 5276

Delta R.T. -0.13 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

F9F66

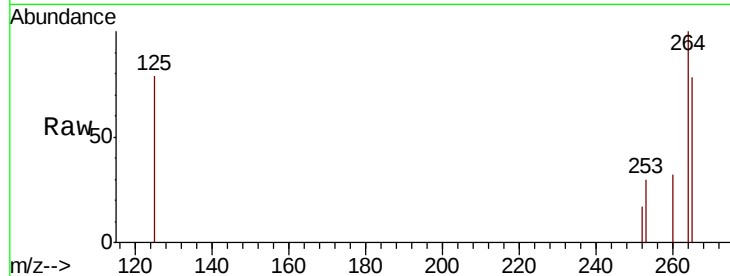
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 175.3 19.0 28.6#

125 470.2 10.2 15.2#

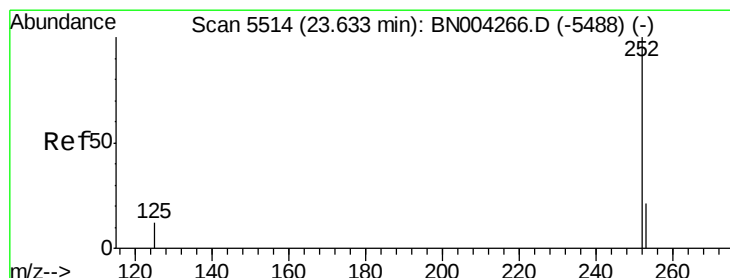
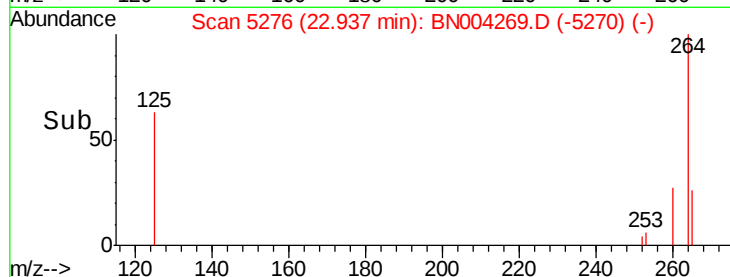
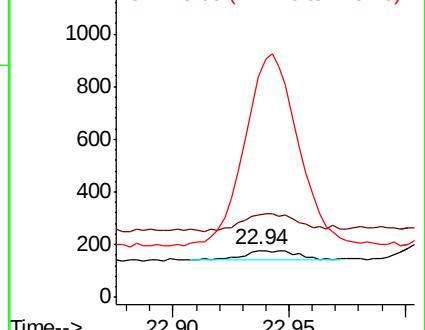


Abundance

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



#23

Benzo(a)pyrene

Concen: 0.001 ng/ul

RT: 23.57 min Scan# 5494

Delta R.T. -0.06 min

Lab File: BN004269.D

Acq: 28 Dec 2018 19:06

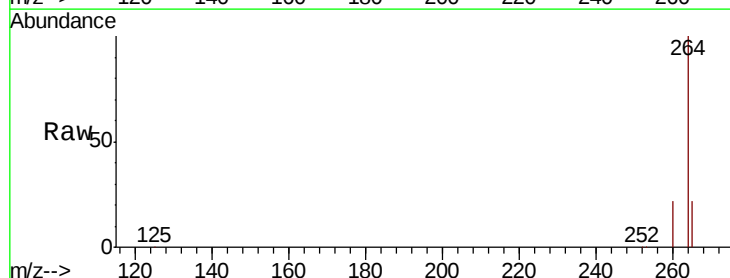
Tgt Ion:252 Resp: 4496

Ion Ratio Lower Upper

252 100

253 35.2 20.0 30.0#

125 24.1 11.4 17.0#

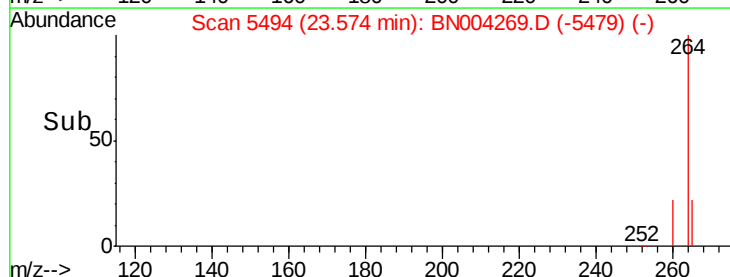
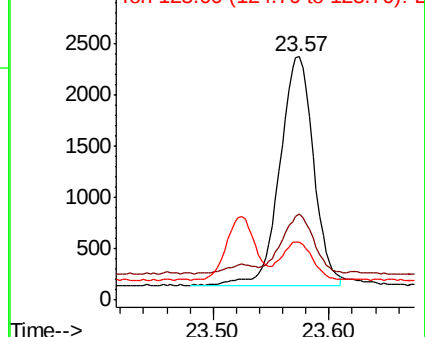


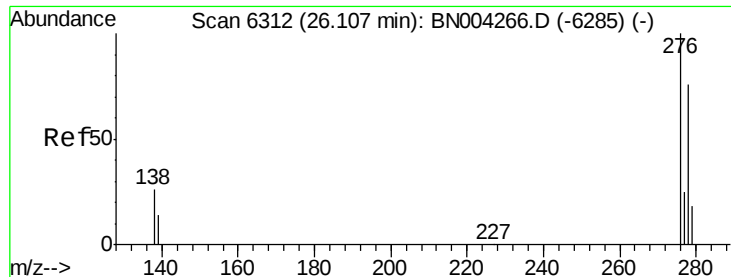
Abundance

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

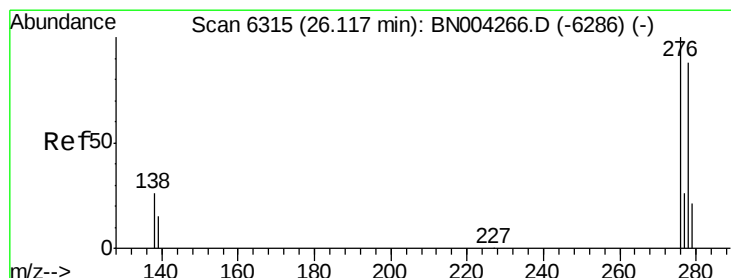
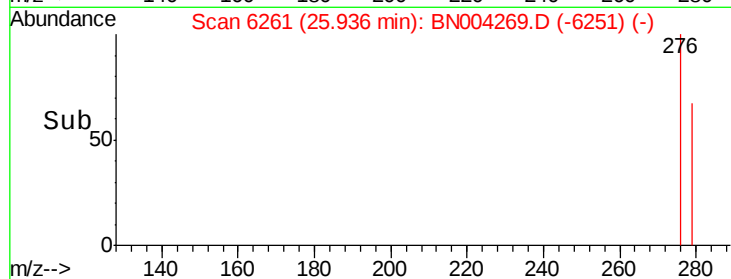
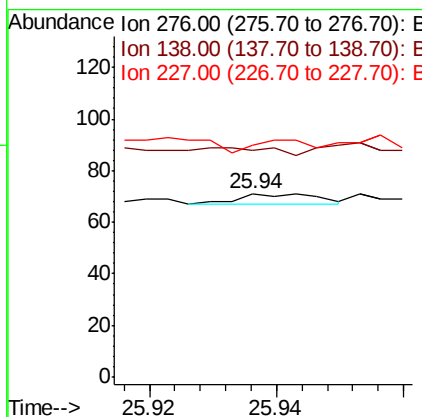
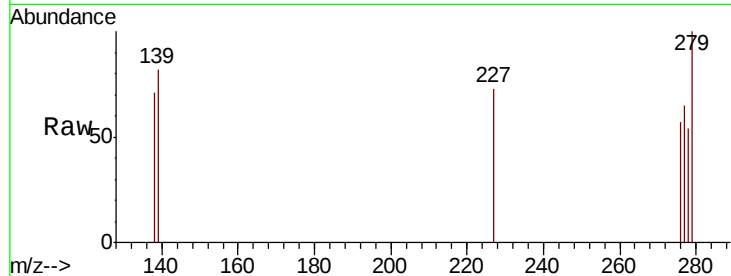




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.000 ng/u1
 RT: 25.94 min Scan# 6261
 Delta R.T. -0.17 min
 Lab File: BN004269.D
 Acq: 28 Dec 2018 19:06

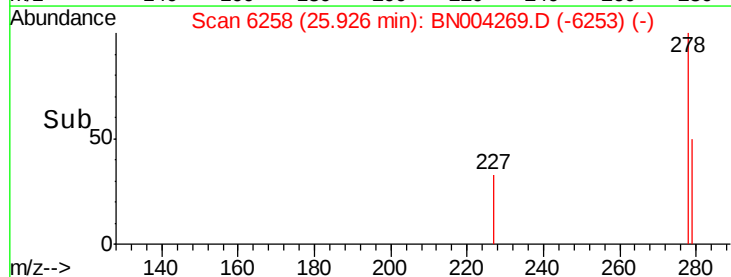
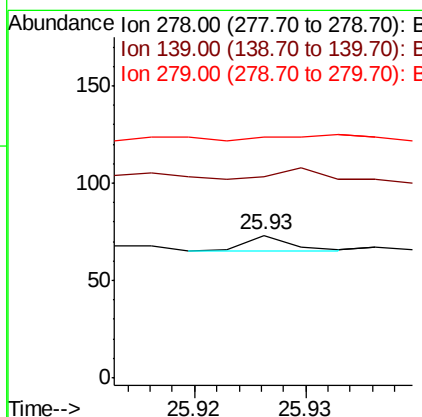
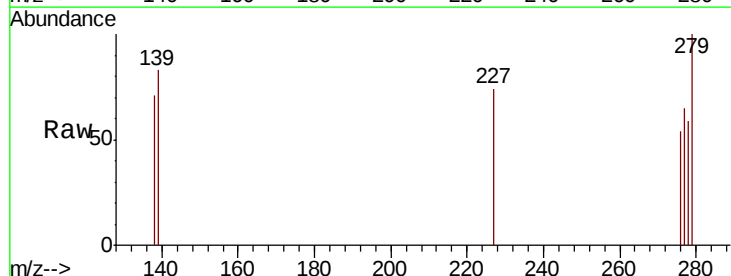
Instrument :
 MSVOA_W
 ClientSampled :
 F9F66

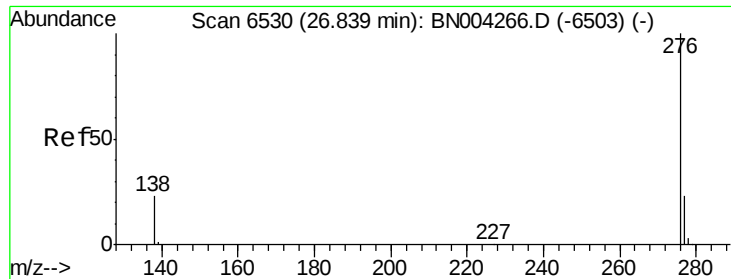
Tgt Ion: 276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 0.0 0.0
 227 100.0 0.1 0.1#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.000 ng/u1
 RT: 25.93 min Scan# 6258
 Delta R.T. -0.18 min
 Lab File: BN004269.D
 Acq: 28 Dec 2018 19:06

Tgt Ion: 278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 141.1 15.4 23.2#
 279 169.9 21.0 31.6#





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.64 min Scan# 6470

Delta R.T. -0.19 min

Lab File: BN004269.D

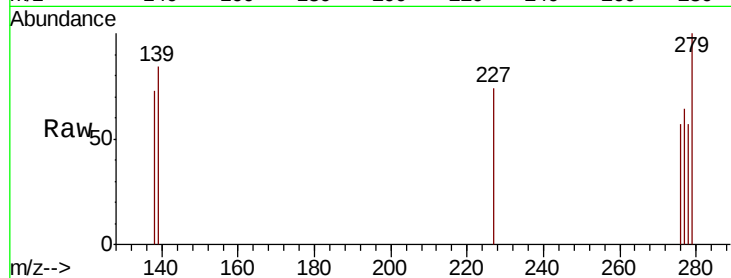
Acq: 28 Dec 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

F9F66



Tgt Ion: 276 Resp: 5

Ion Ratio Lower Upper

276 100

138 128.8 19.4 29.0#

277 112.3 20.4 30.6#

