

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004267.D
 Acq On : 28 Dec 2018 17:56
 Operator : JU/SJ
 Sample : PB115984BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SBLK84

Quant Time: Dec 28 22:20:05 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	2338	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10357	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	6269	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1320663	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	1498302	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.21	152	6072	0.38	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

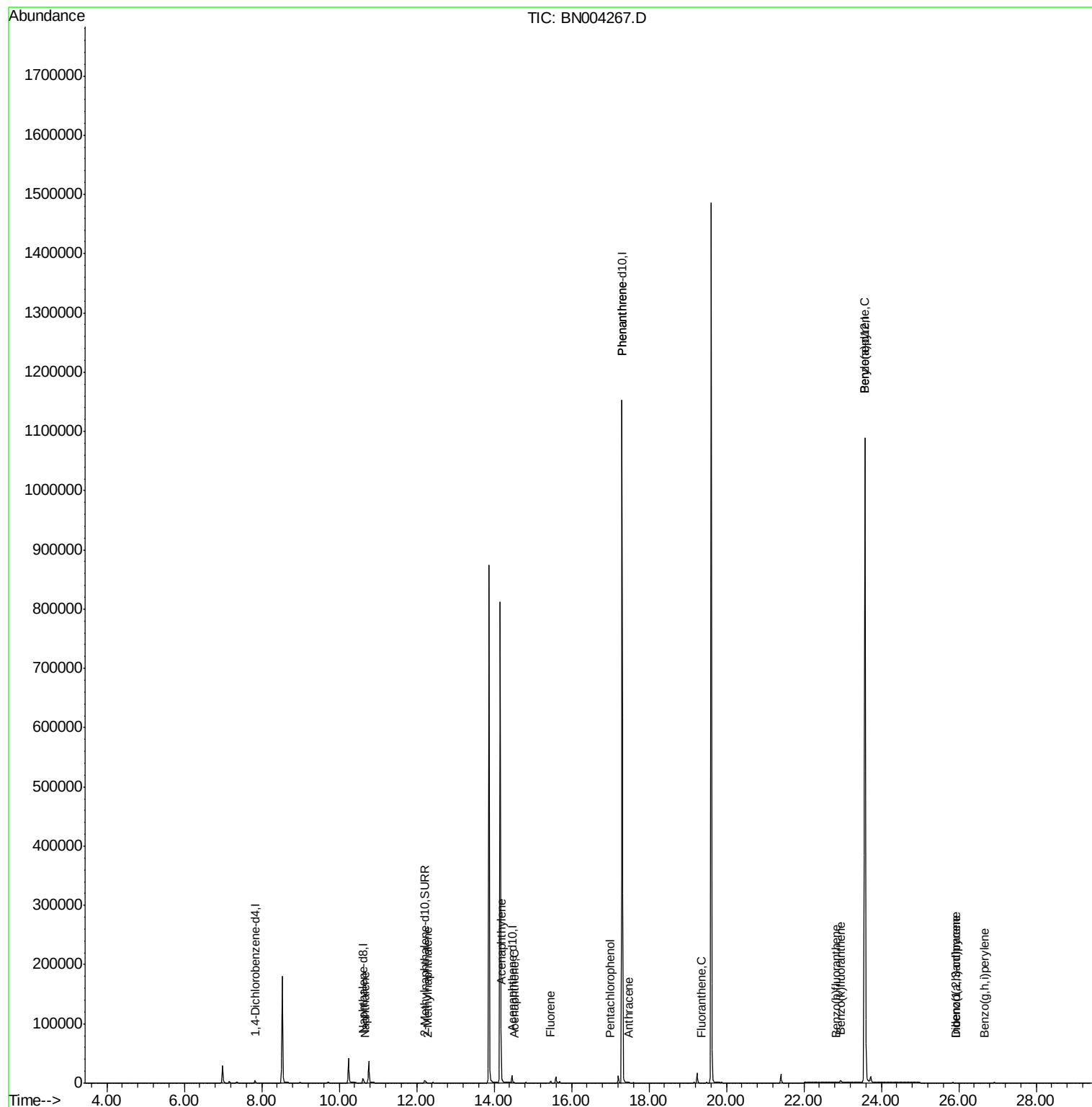
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.66	128	56	0.002	ng/ul#	1
5) 2-Methylnaphthalene	12.28	142	32	0.002	ng/ul	89
7) Acenaphthylene	14.19	152	45	0.001	ng/ul#	1
8) Acenaphthene	14.52	153	11	0.000	ng/ul#	71
9) Fluorene	15.46	166	2148	0.075	ng/ul#	12
11) Pentachlorophenol	17.00	266	6	0.000	ng/ul#	18
12) Phenanthrene	17.31	178	587	0.000	ng/ul#	1
13) Anthracene	17.47	178	6	0.000	ng/ul#	1
15) Fluoranthene	19.36	202	6	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	13	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	76	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.57	252	5732	0.001	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.93	276	3	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.94	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.65	276	2	0.000	ng/ul#	1

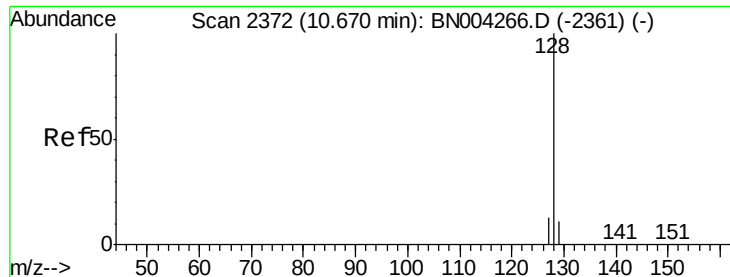
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004267.D

Acq: 28 Dec 2018 17:56

Instrument :

MSVOA_W

ClientSampled :

SBLK84

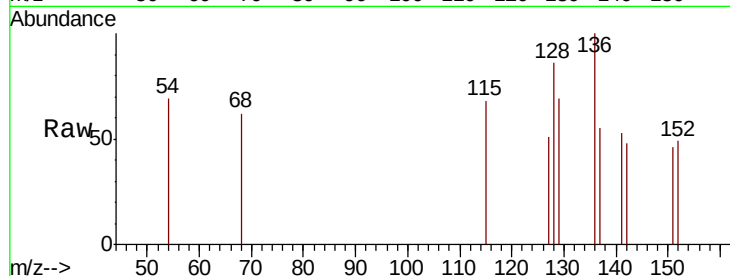
Tgt Ion:128 Resp: 56

Ion Ratio Lower Upper

128 100

129 80.2 9.5 14.3#

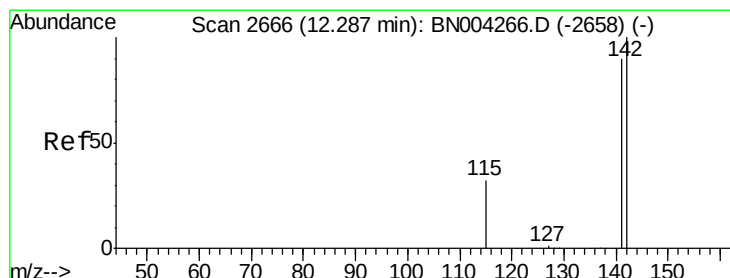
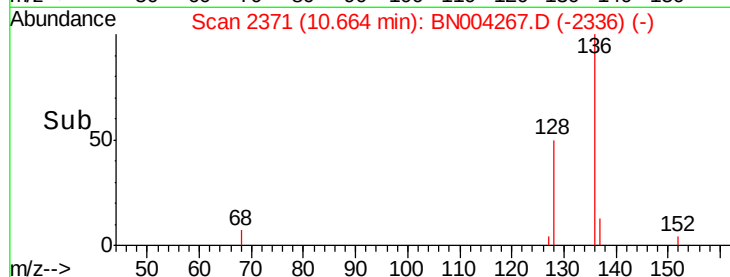
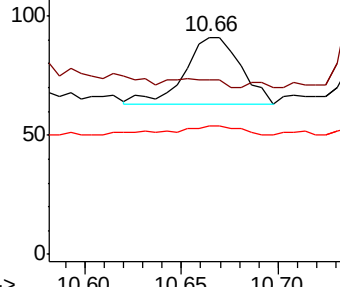
127 59.3 11.0 16.4#



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: BN004267.D

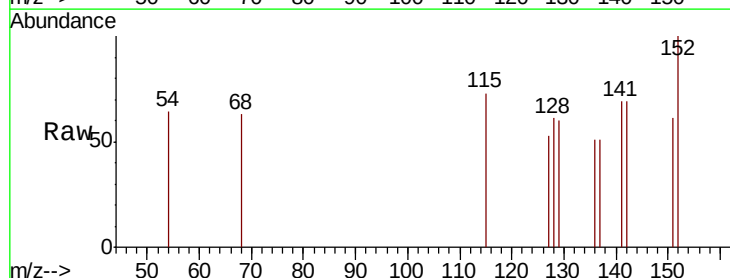
Acq: 28 Dec 2018 17:56

Tgt Ion:142 Resp: 32

Ion Ratio Lower Upper

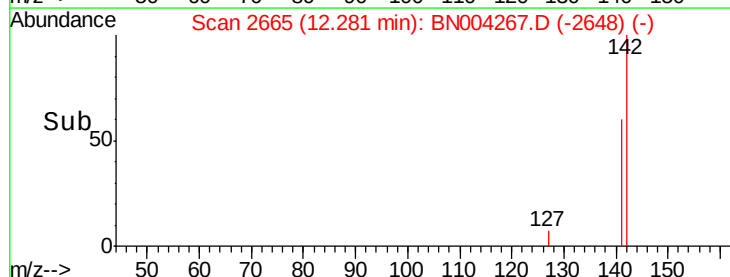
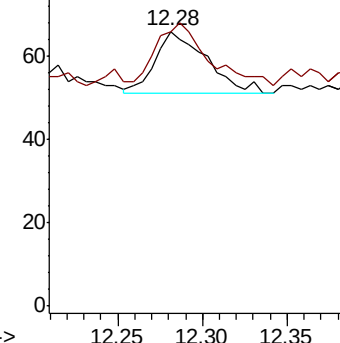
142 100

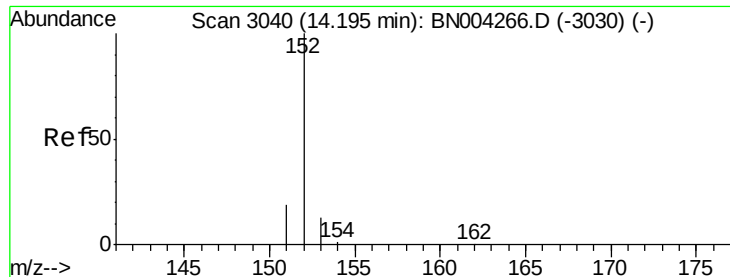
141 100.0 71.4 107.2



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: 14.19 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

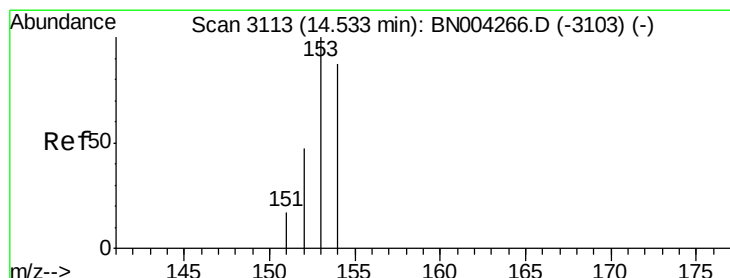
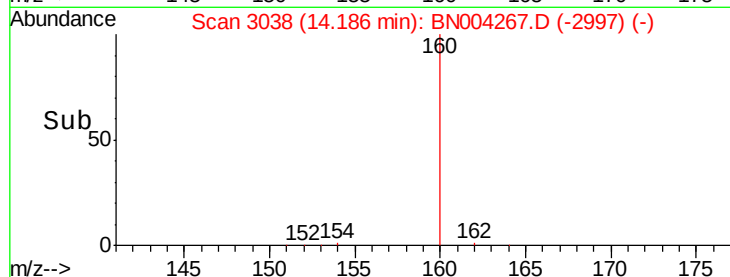
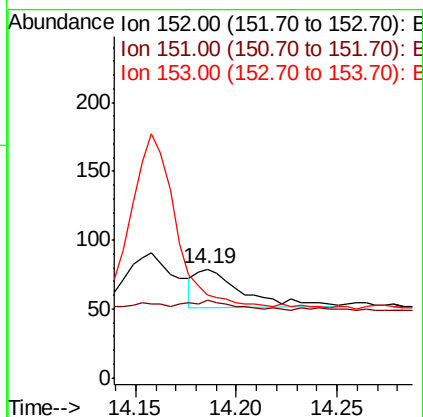
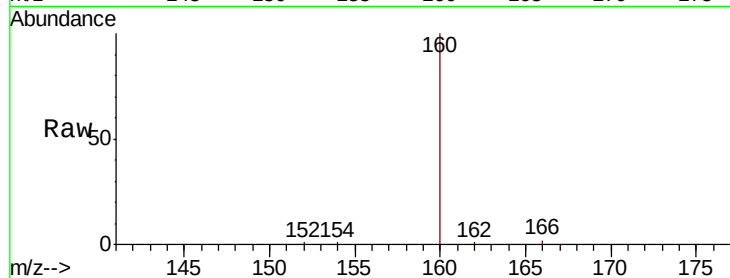
Instrument :

MSVOA_W

ClientSampleId :

SBLK84

Tgt Ion:	152	Resp:	45
Ion	Ratio	Lower	Upper
152	100		
151	70.9	16.3	24.5#
153	75.9	11.1	16.7#



#8

Acenaphthene

Concen: 0.000 ng/ul

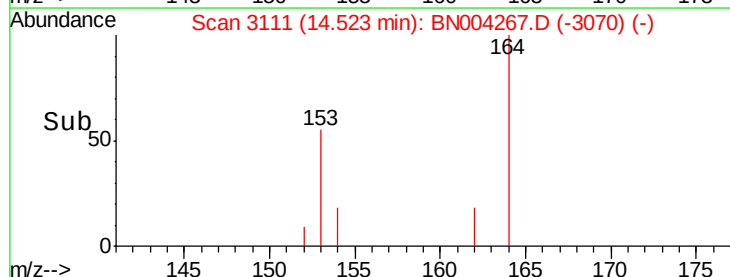
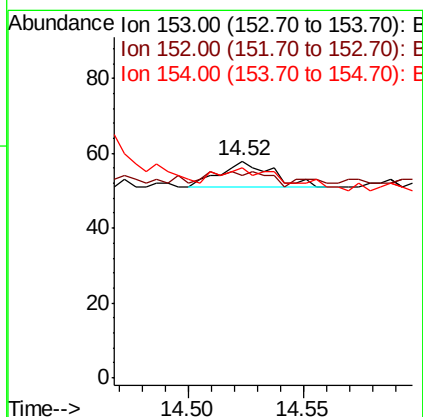
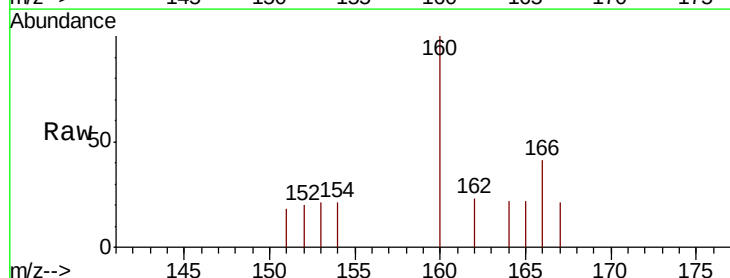
RT: 14.52 min Scan# 3111

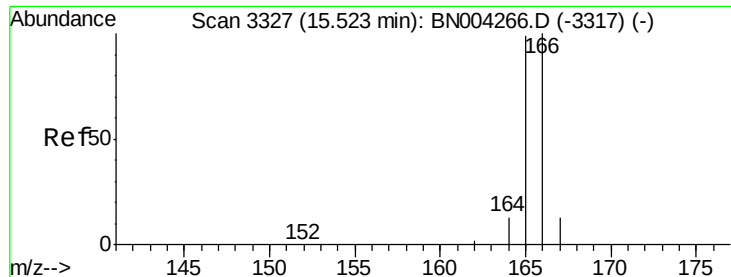
Delta R.T. -0.01 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

Tgt Ion:	153	Resp:	11
Ion	Ratio	Lower	Upper
153	100		
152	93.1	38.2	57.2#
154	96.6	70.9	106.3





#9

Fluorene

Concen: 0.075 ng/ul

RT: 15.46 min Scan# 3313

Delta R.T. -0.06 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

SBLK84

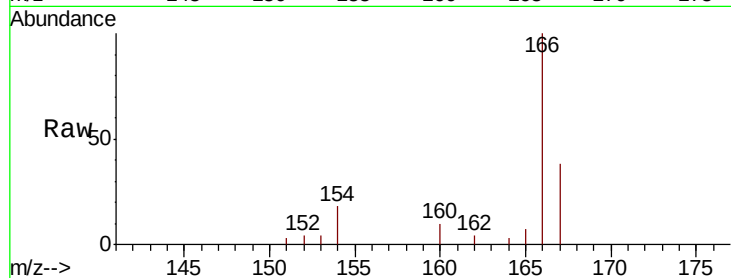
Tgt Ion:166 Resp: 2148

Ion Ratio Lower Upper

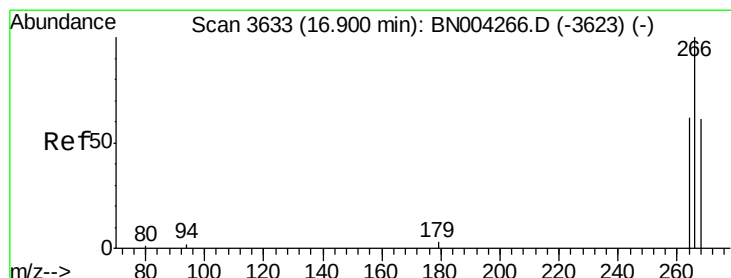
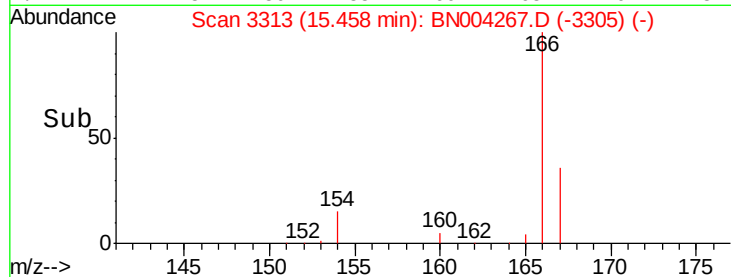
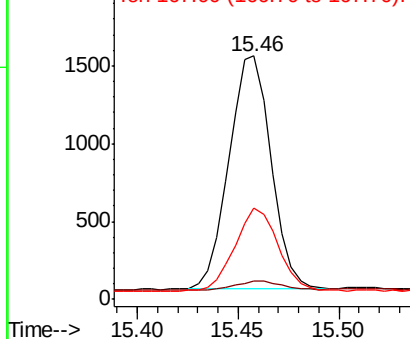
166 100

165 7.4 79.0 118.6#

167 37.6 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: 17.00 min Scan# 3656

Delta R.T. 0.10 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

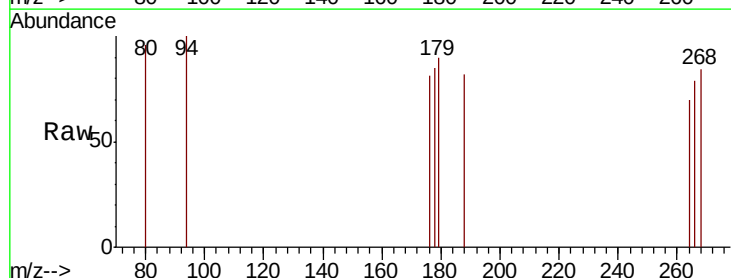
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

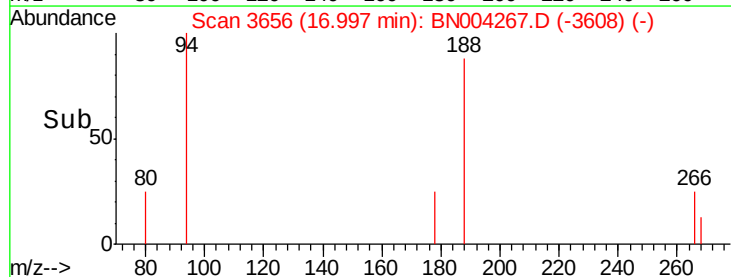
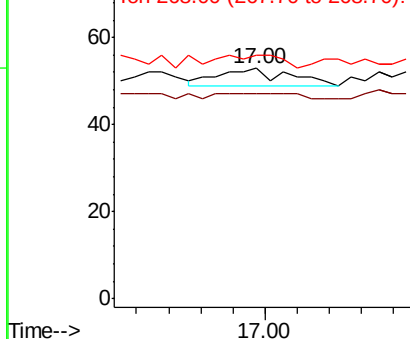
266 100

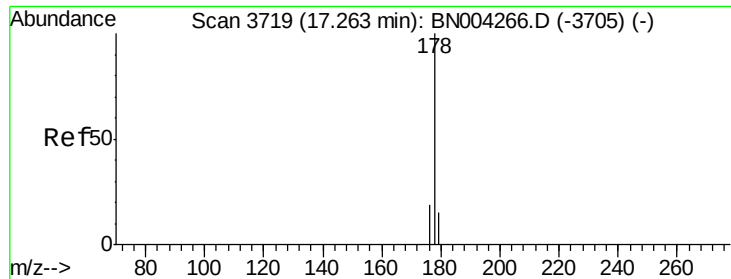
264 0.0 51.1 76.7#

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: 17.31 min Scan# 3730

Delta R.T. 0.05 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

Instrument :

MSVOA_W

ClientSampled :

SBLK84

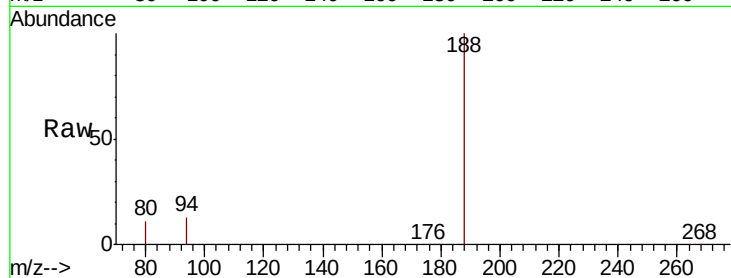
Tgt Ion:178 Resp: 587

Ion Ratio Lower Upper

178 100

179 275.1 12.6 18.8#

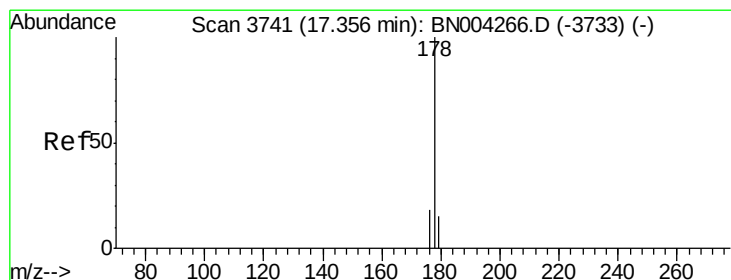
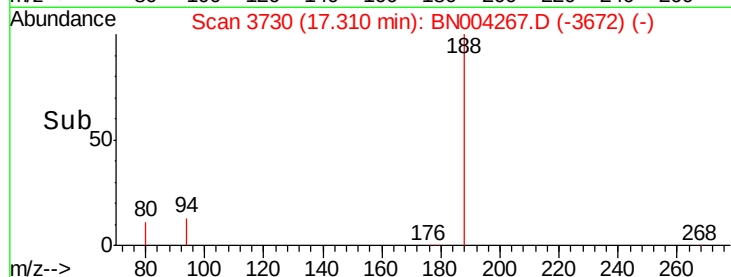
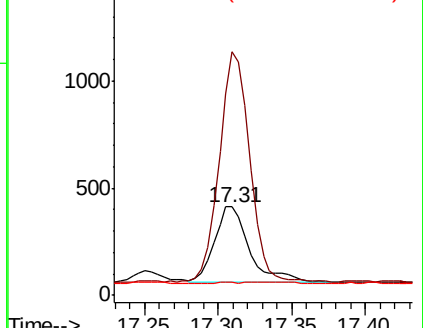
176 14.8 15.2 22.8#



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: 17.47 min Scan# 3769

Delta R.T. 0.12 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

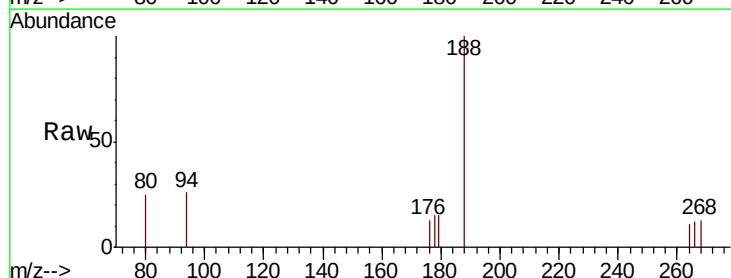
Tgt Ion:178 Resp: 6

Ion Ratio Lower Upper

178 100

179 103.2 12.7 19.1#

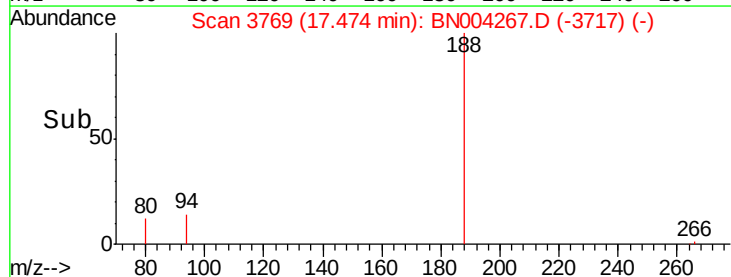
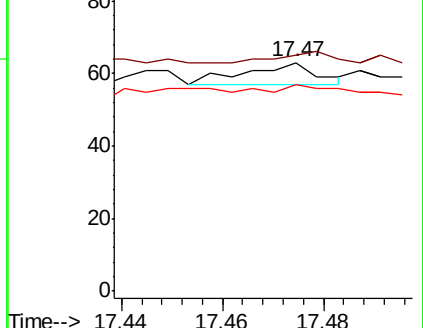
176 90.5 15.0 22.6#

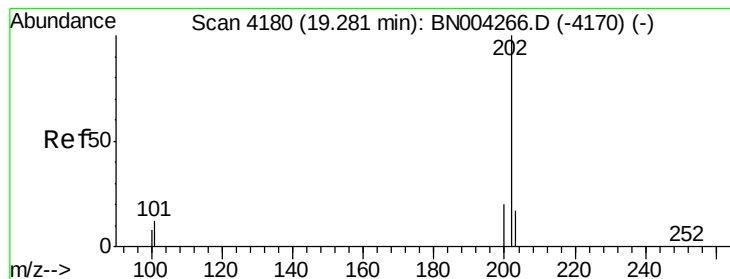


Abundance Ion 178.00 (177.70 to 178.70): E

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# 4196

Delta R.T. 0.08 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

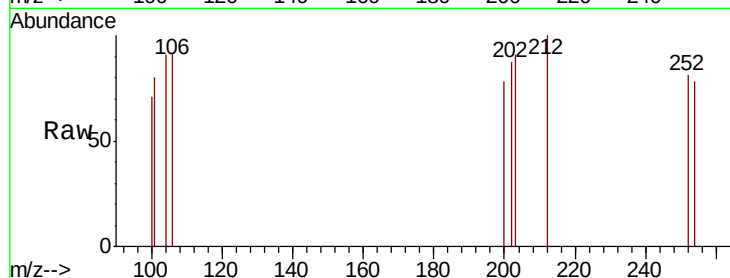
Instrument :

MSVOA_W

ClientSampled :

SBLK84

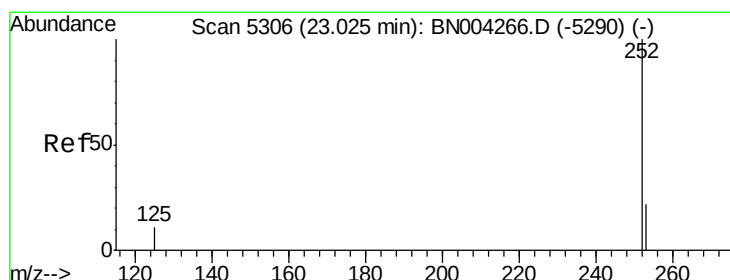
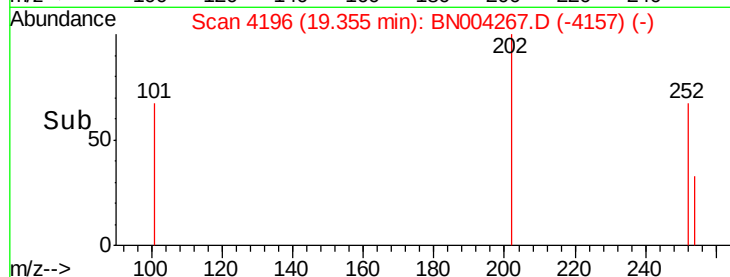
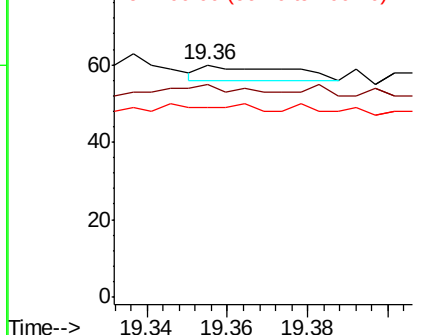
Tgt Ion:	202	Resp:	6
Ion	Ratio	Lower	Upper
202	100		
101	91.7	0.0	32.6#
100	81.7	0.0	29.7#



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): E



#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

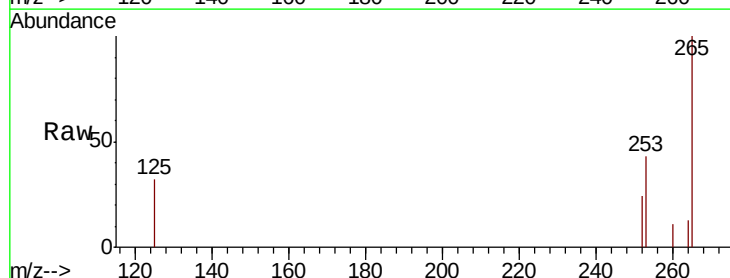
RT: 22.82 min Scan# 5236

Delta R.T. -0.20 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

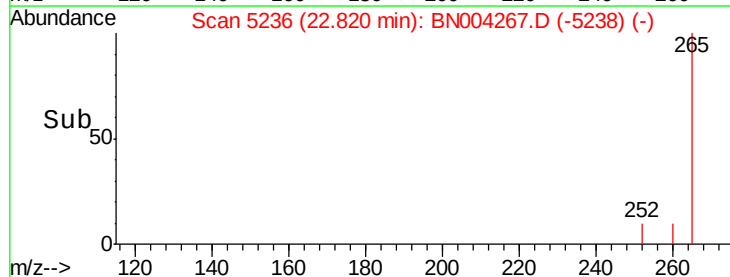
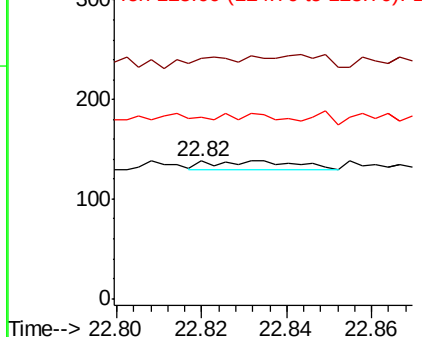
Tgt Ion:	252	Resp:	13
Ion	Ratio	Lower	Upper
252	100		
253	175.4	0.0	47.6#
125	131.9	0.0	25.0#

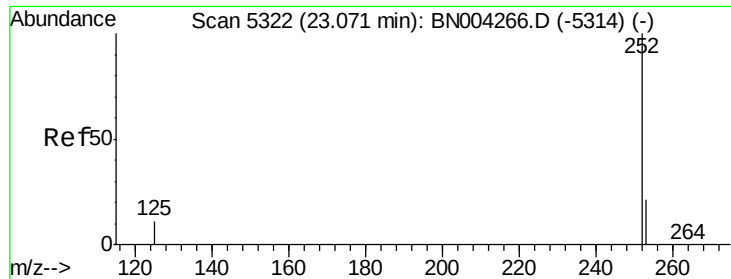


Abundance Ion 252.00 (251.70 to 252.70): E

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# 5278

Delta R.T. -0.13 min

Lab File: BN004267.D

Acq: 28 Dec 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

SBLK84

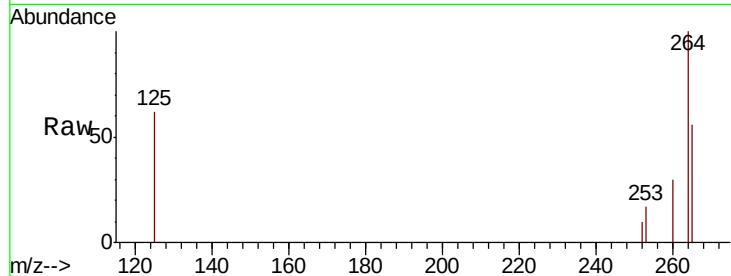
Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 172.7 19.0 28.6#

125 627.3 10.2 15.2#

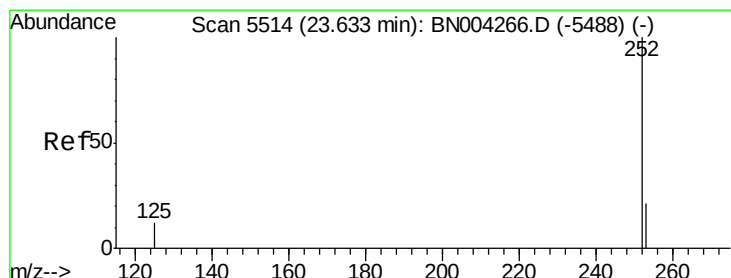
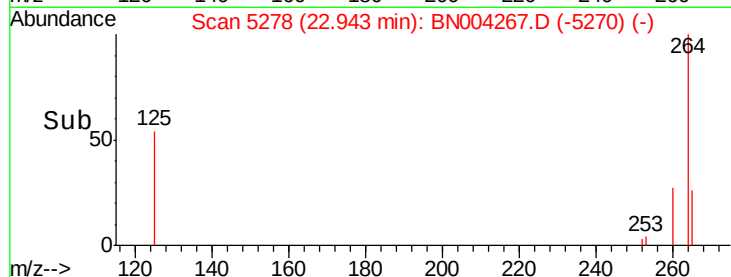
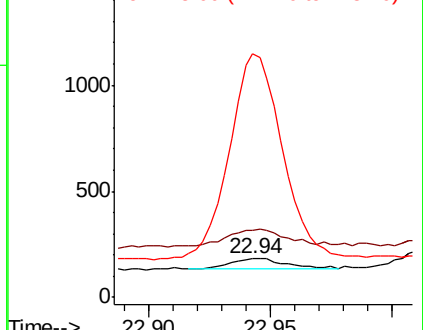


Abundance

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: BN004267.D

Acq: 28 Dec 2018 17:56

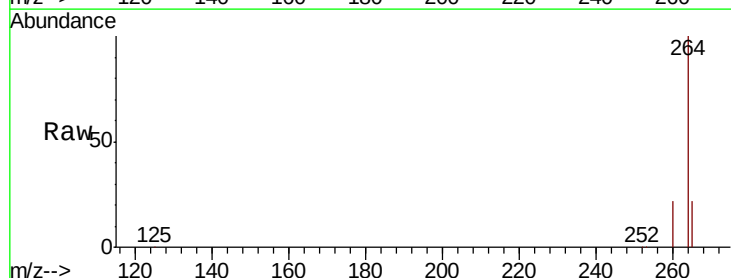
Tgt Ion:252 Resp: 5732

Ion Ratio Lower Upper

252 100

253 32.1 20.0 30.0#

125 21.8 11.4 17.0#

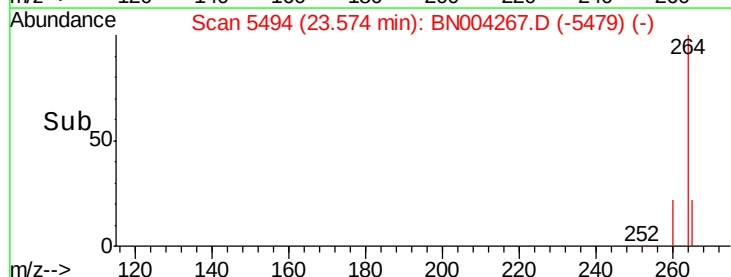
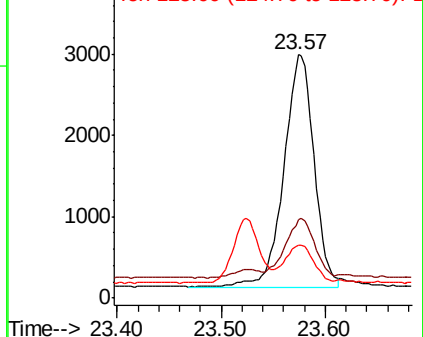


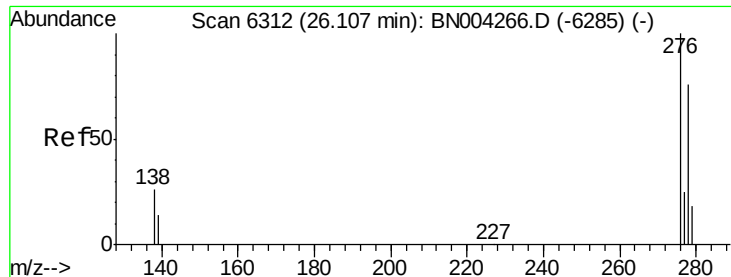
Abundance

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

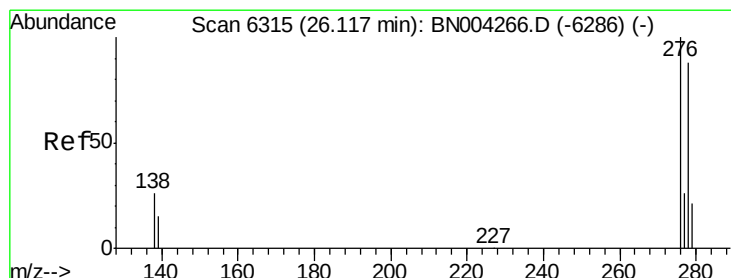
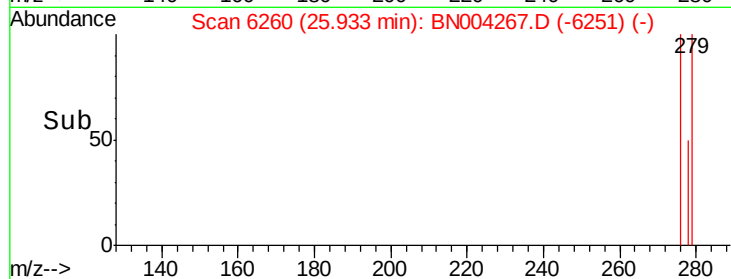
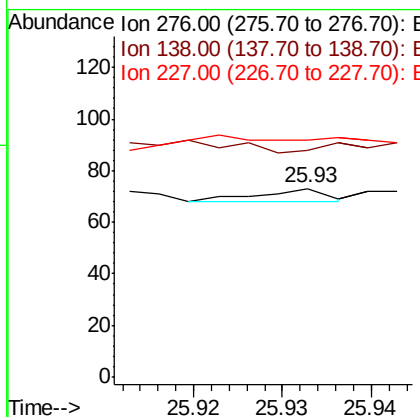
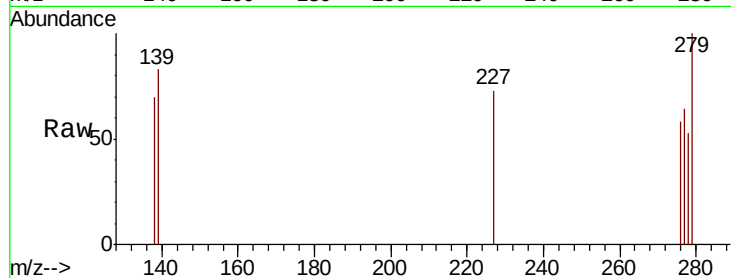




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.000 ng/ul
 RT: 25.93 min Scan# 6260
 Delta R.T. -0.17 min
 Lab File: BN004267.D
 Acq: 28 Dec 2018 17:56

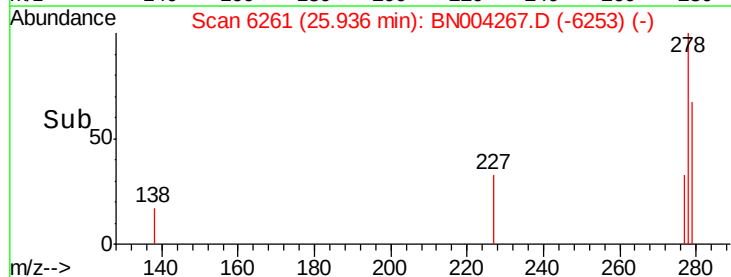
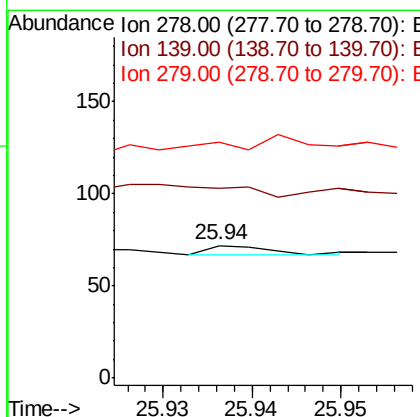
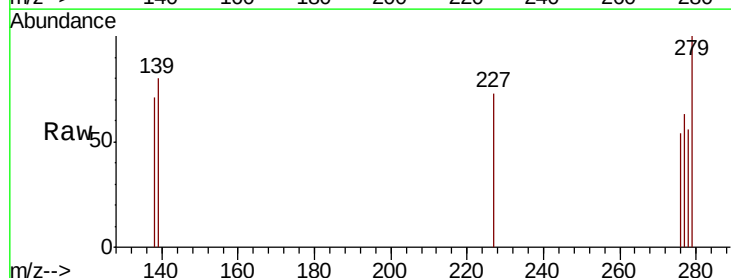
Instrument :
 MSVOA_W
 ClientSampleId :
 SBLK84

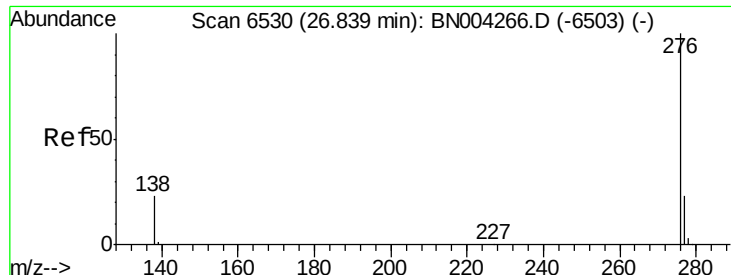
Tgt Ion: 276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 0.0 0.0
 227 300.0 0.1 0.1#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.000 ng/ul
 RT: 25.94 min Scan# 6261
 Delta R.T. -0.17 min
 Lab File: BN004267.D
 Acq: 28 Dec 2018 17:56

Tgt Ion: 278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 143.1 15.4 23.2#
 279 177.8 21.0 31.6#





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.65 min Scan# 6473

Delta R.T. -0.18 min

Lab File: BN004267.D

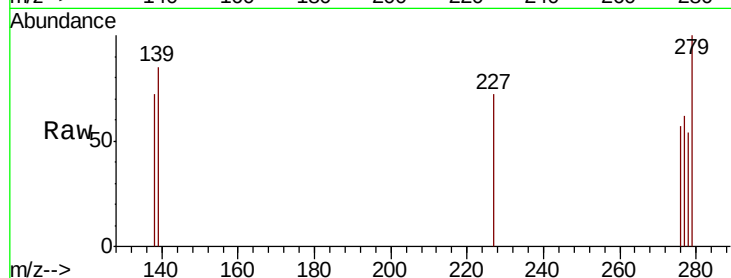
Acq: 28 Dec 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

SBLK84



Tgt Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	127.0	19.4	29.0#
277	109.5	20.4	30.6#

