

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
 Data File : BM016925.D
 Acq On : 01 Oct 2018 17:26
 Operator : MJ/SJ
 Sample : J5122-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BC0

Quant Time: Oct 02 07:32:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	333889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1348509	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	692979	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1316115	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1179583	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1277491	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	264	0.03	ng/uL	0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.61	131	766	0.03	ng/ul	-0.02
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.34	176	3798	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.20	188	3472	0.05	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.52	264	1258881	18.89	ng/ul	0.13

Target Compounds

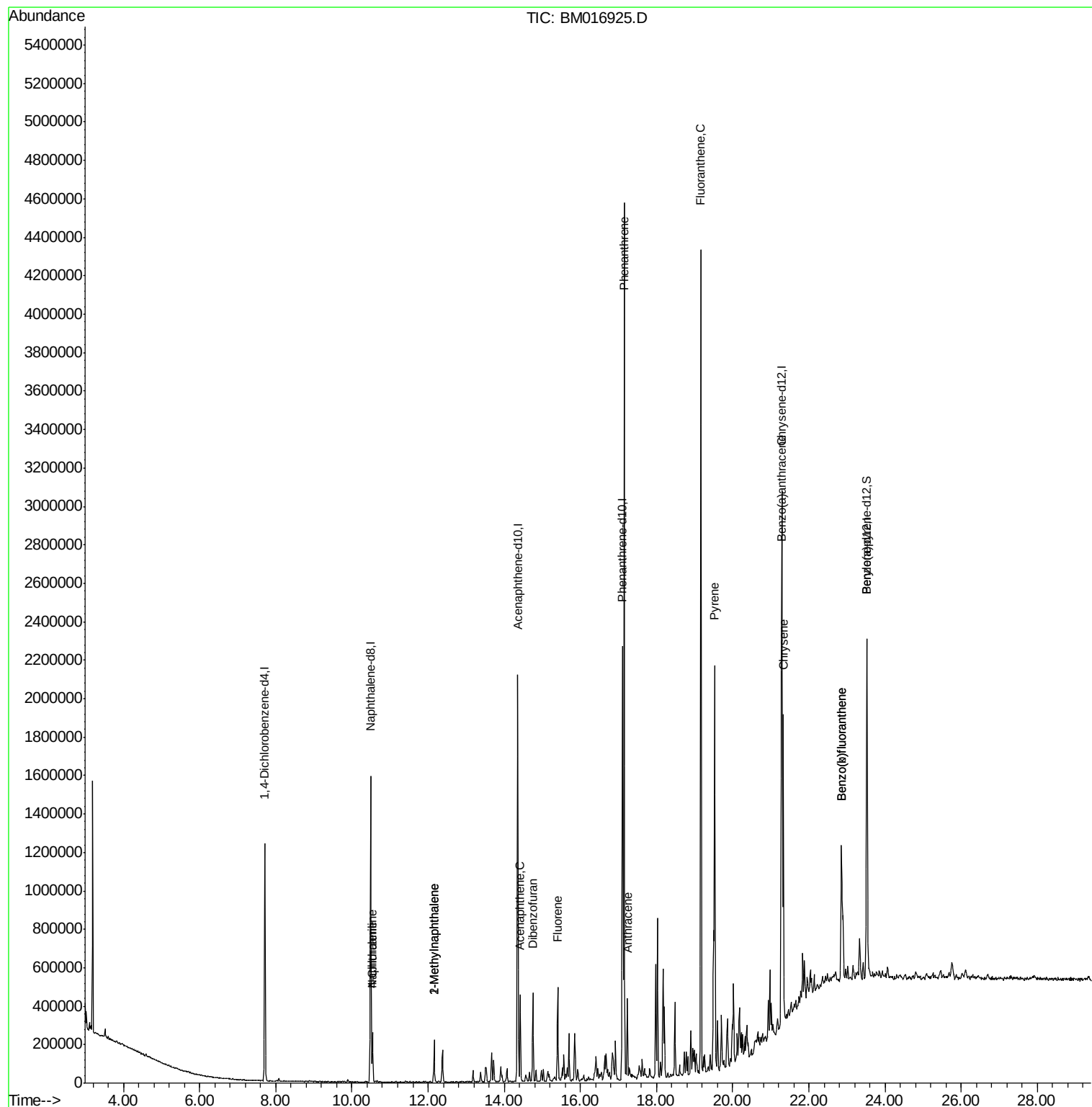
					Qvalue	
28) Naphthalene	10.54	128	203046	2.928	ng/ul	99
30) 4-Chloroaniline	10.54	127	27343	1.106	ng/ul#	1
34) 2-Methylnaphthalene	12.16	142	105629	2.162	ng/ul	97
35) 1-Methylnaphthalene	12.16	142	105629	2.162	ng/ul	96
50) Acenaphthene	14.42	153	181001	3.748	ng/ul	99
54) Dibenzofuran	14.75	168	260795	3.936	ng/ul	94
59) Fluorene	15.40	166	202640	3.723	ng/ul	97
70) Phenanthrene	17.14	178	2713573	37.118	ng/ul	99
72) Anthracene	17.23	178	244804	3.262	ng/ul	98
77) Fluoranthene	19.16	202	2422505	28.907	ng/ul#	90
80) Pyrene	19.53	202	1305045	18.018	ng/ul#	89
83) Benzo(a)anthracene	21.27	228	771944	10.571	ng/ul	99
85) Chrysene	21.33	228	857995	12.599	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	592207	7.745	ng/ul#	96
89) Benzo(k)fluoranthene	22.86	252	592207	8.066	ng/ul#	95

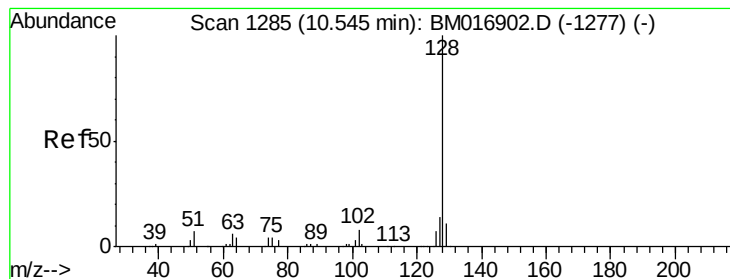
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 2.928 ng/ul

RT: 10.54 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Instrument :

BNA_M

ClientSampleId :

C0BC0

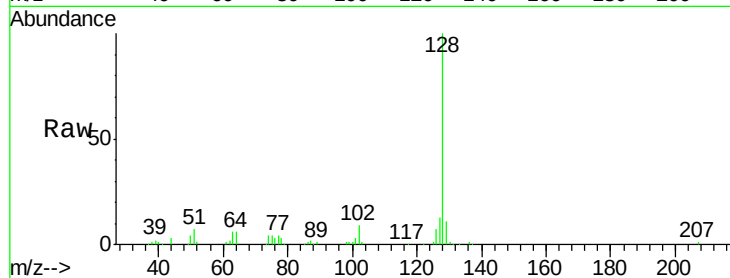
Tgt Ion:128 Resp: 203046

Ion Ratio Lower Upper

128 100

129 11.4 8.3 12.5

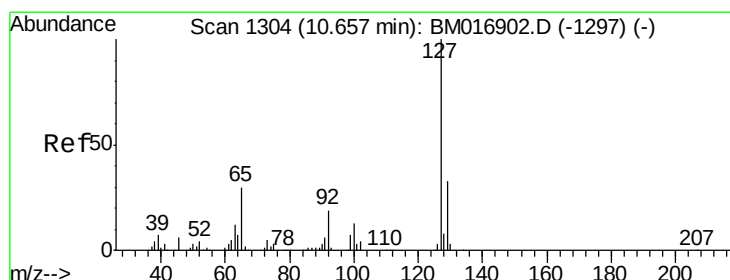
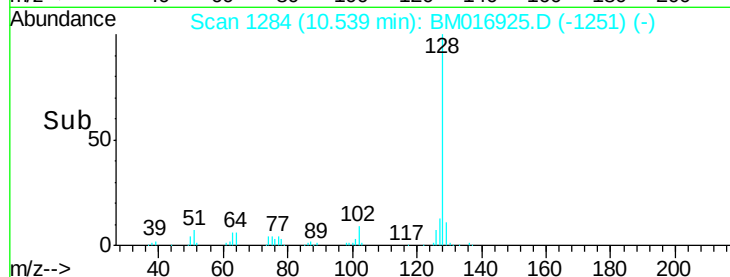
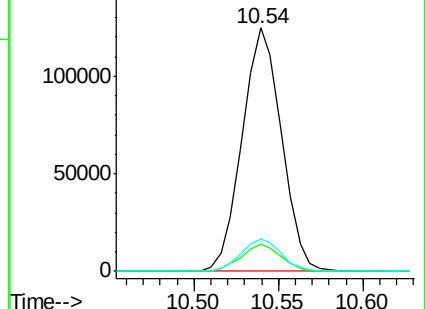
127 13.5 10.8 16.2



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



#30

4-Chloroaniline

Concen: 1.106 ng/ul

RT: 10.54 min Scan# 1284

Delta R.T. -0.12 min

Lab File: BM016925.D

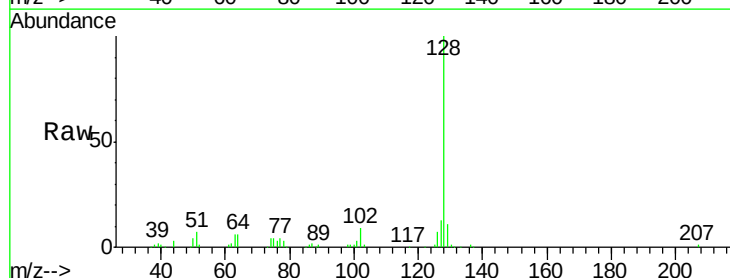
Acq: 01 Oct 2018 17:26

Tgt Ion:127 Resp: 27343

Ion Ratio Lower Upper

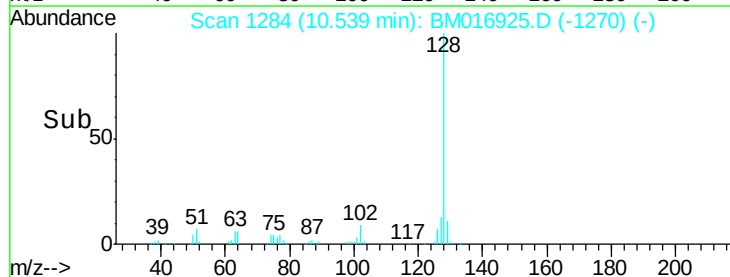
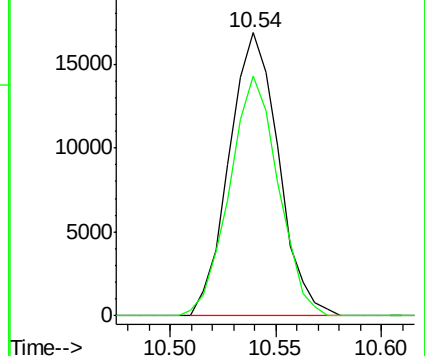
127 100

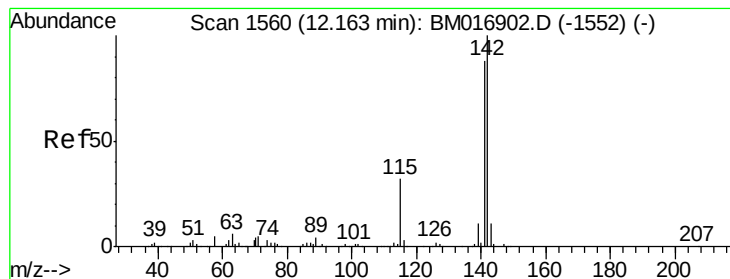
129 84.8 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 2.162 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Instrument :

BNA_M

ClientSampleId :

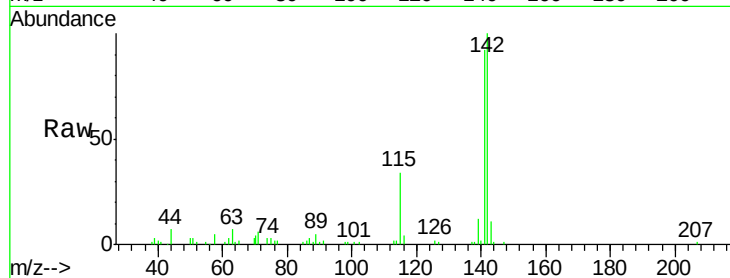
C0BC0

Tgt Ion:142 Resp: 105629

Ion Ratio Lower Upper

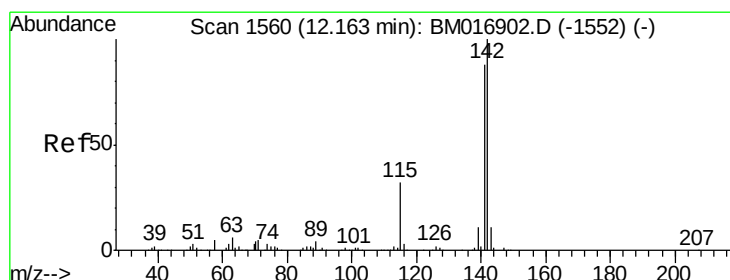
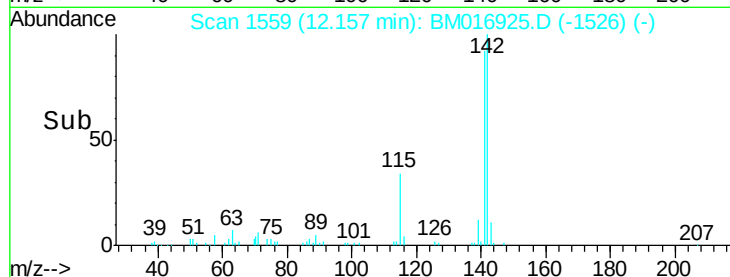
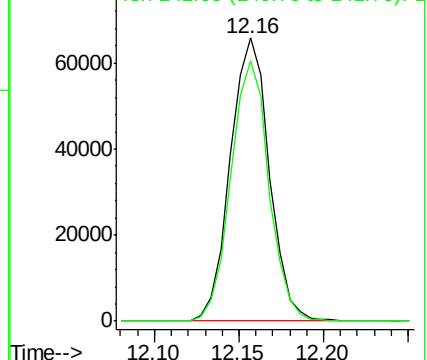
142 100

141 91.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 2.162 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

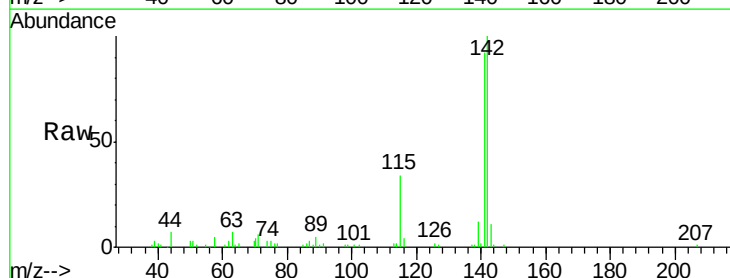
Tgt Ion:142 Resp: 105629

Ion Ratio Lower Upper

142 100

141 91.9 76.6 115.0

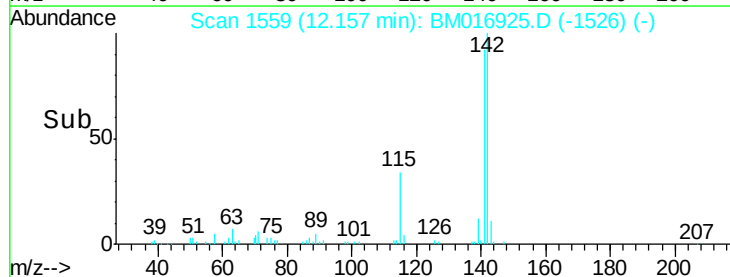
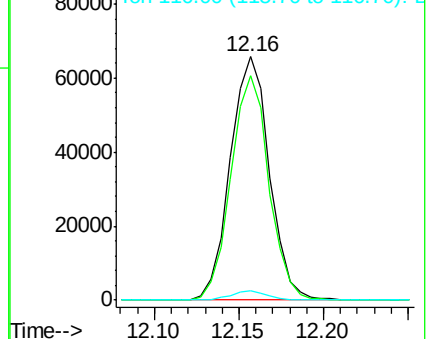
116 3.7 3.6 5.4

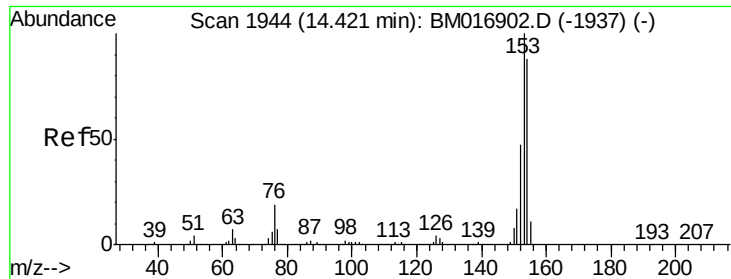


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 3.748 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

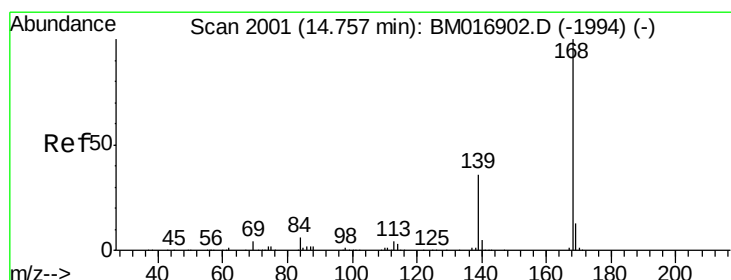
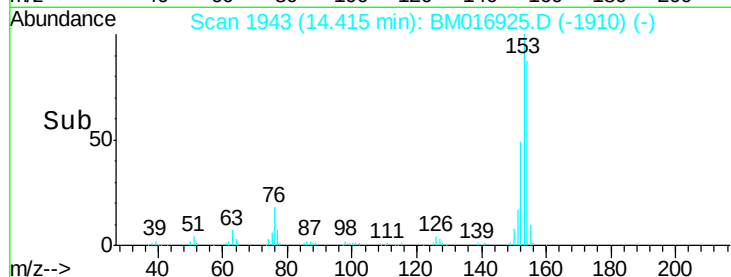
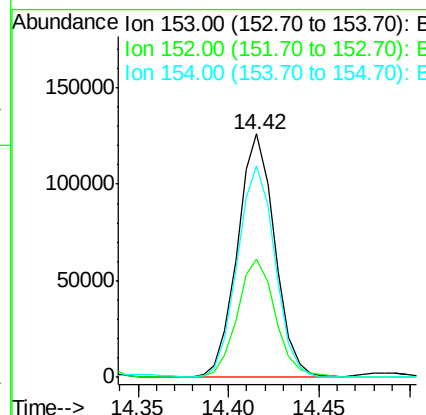
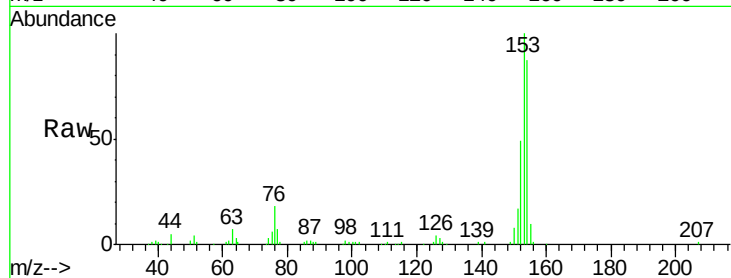
Instrument :

BNA_M

ClientSampleId :

C0BC0

Tgt Ion:	153	Resp:	181001
Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.9	56.9
154	87.0	69.8	104.6



#54

Dibenzofuran

Concen: 3.936 ng/ul

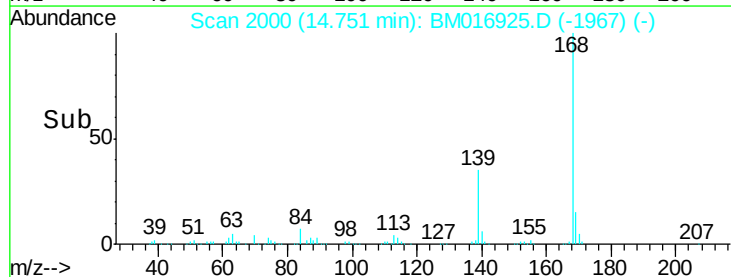
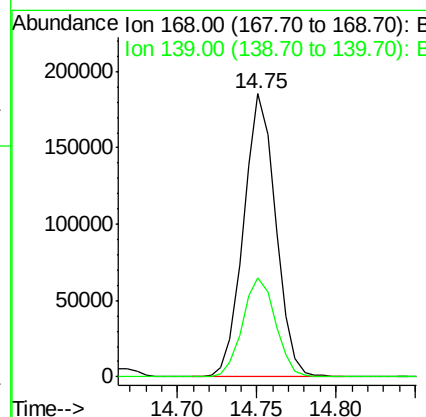
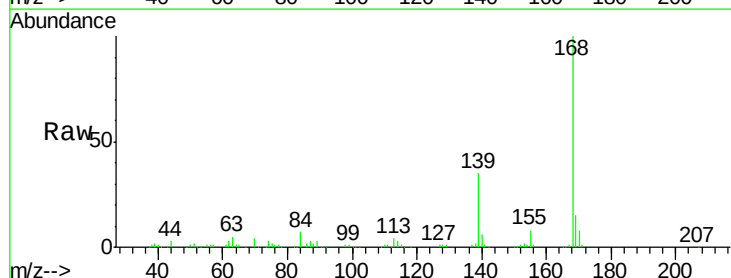
RT: 14.75 min Scan# 2000

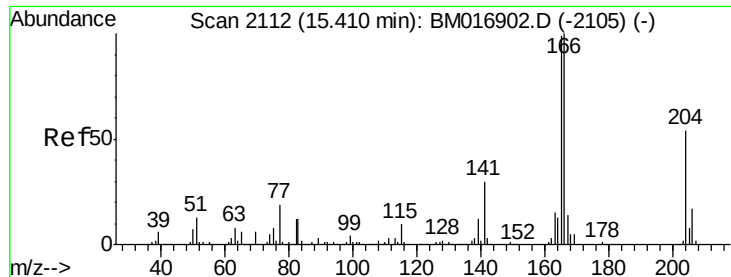
Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Tgt Ion:	168	Resp:	260795
Ion	Ratio	Lower	Upper
168	100		
139	34.9	31.0	46.4





#59

Fluorene

Concen: 3.723 ng/ul

RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Instrument :

BNA_M

ClientSampleId :

C0BC0

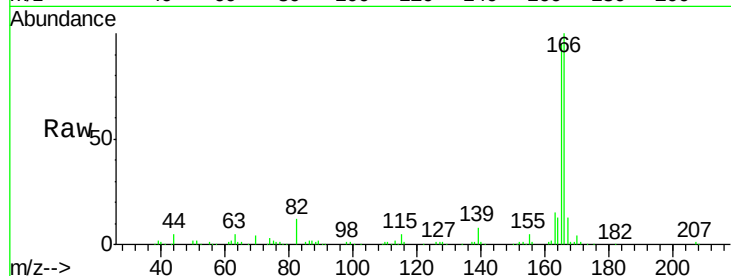
Tgt Ion:166 Resp: 202640

Ion Ratio Lower Upper

166 100

165 94.7 78.4 117.6

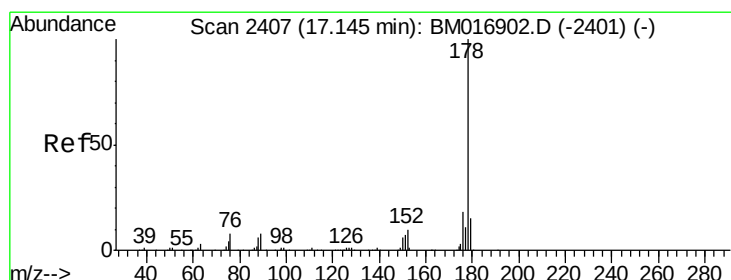
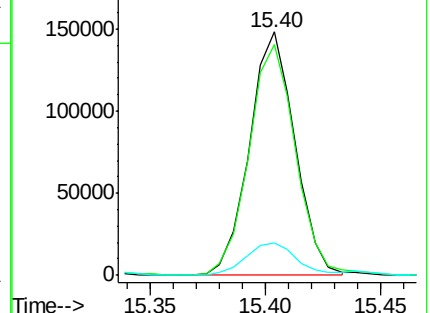
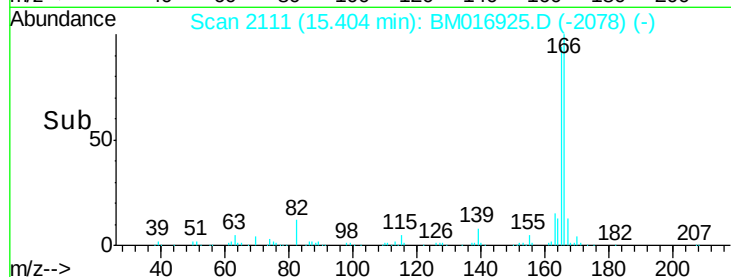
167 13.3 11.1 16.7



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



#70

Phenanthrene

Concen: 37.118 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

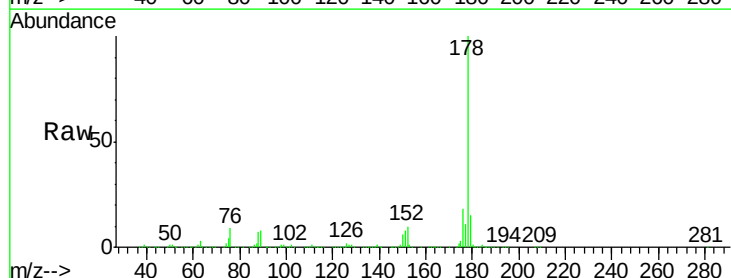
Tgt Ion:178 Resp: 2713573

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

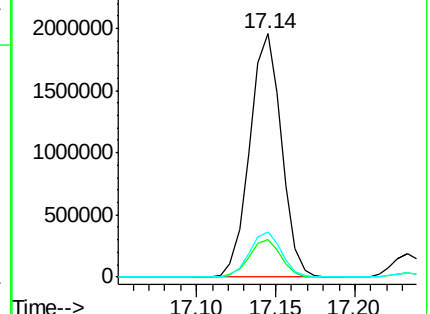
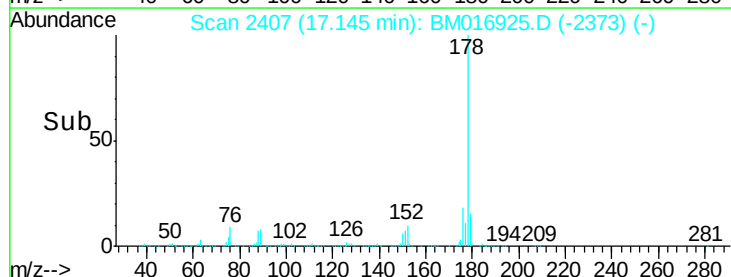
176 18.4 15.4 23.0

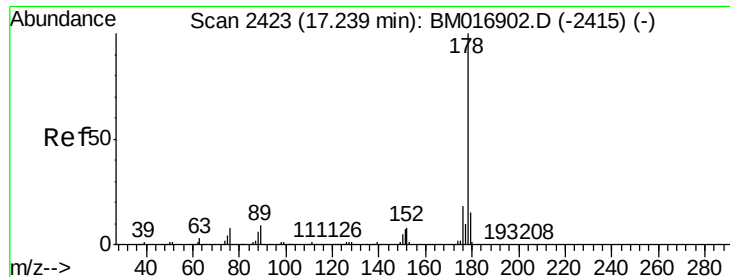


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.262 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Instrument :

BNA_M

ClientSampleId :

C0BC0

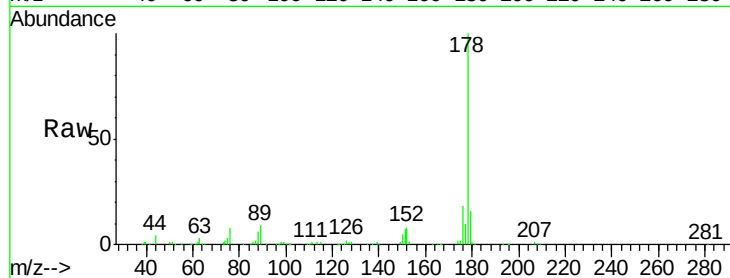
Tgt Ion:178 Resp: 244804

Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.2

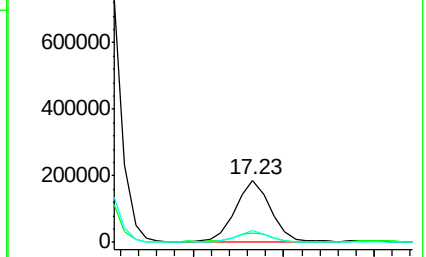
176 18.4 15.4 23.0



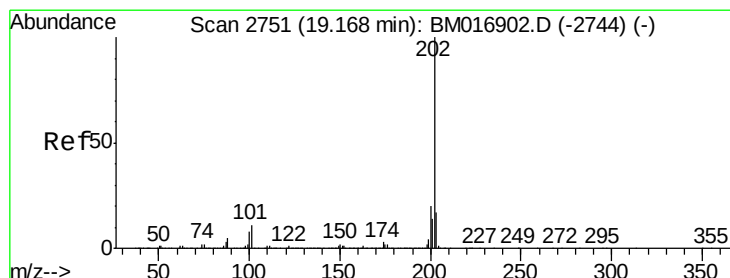
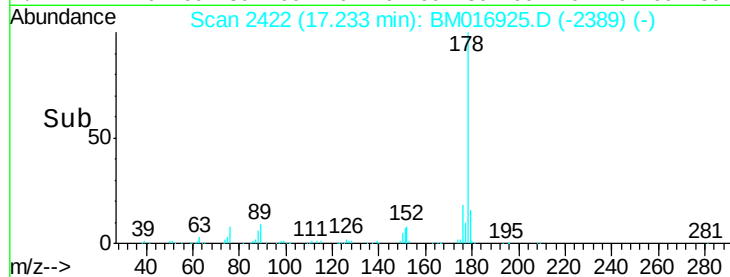
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 28.907 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

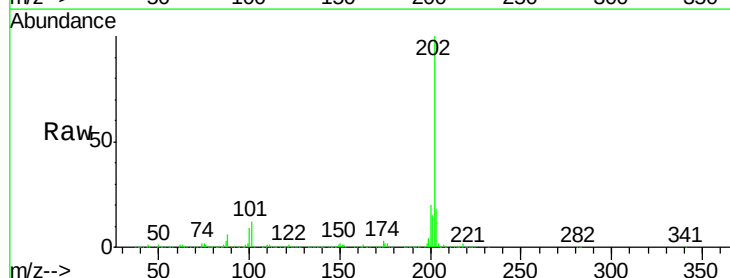
Tgt Ion:202 Resp: 2422505

Ion Ratio Lower Upper

202 100

101 11.5 6.1 9.1#

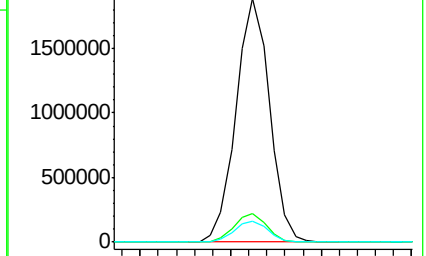
100 8.5 4.6 7.0#



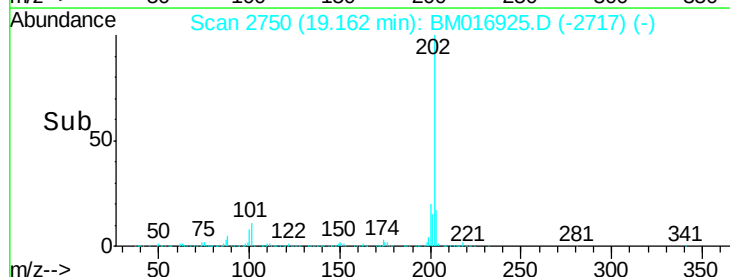
Abundance Ion 202.00 (201.70 to 202.70): E

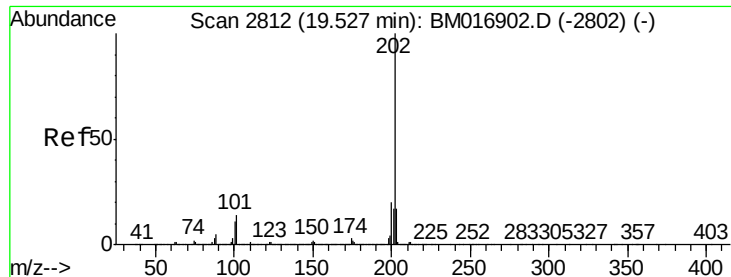
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

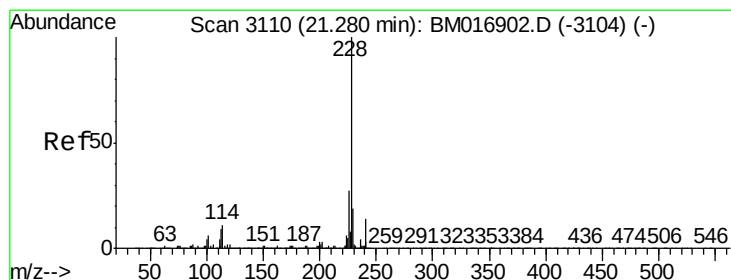
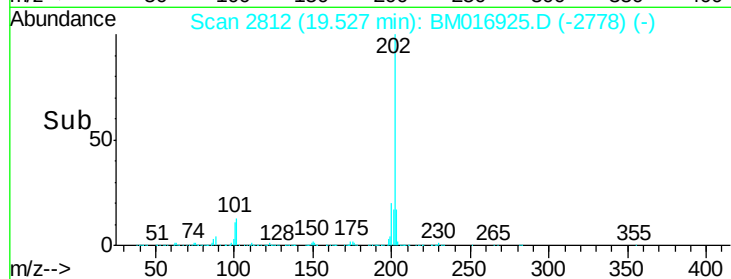
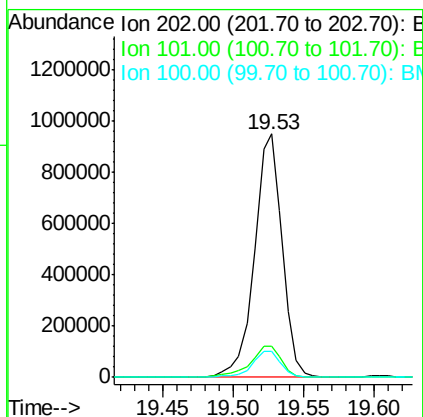
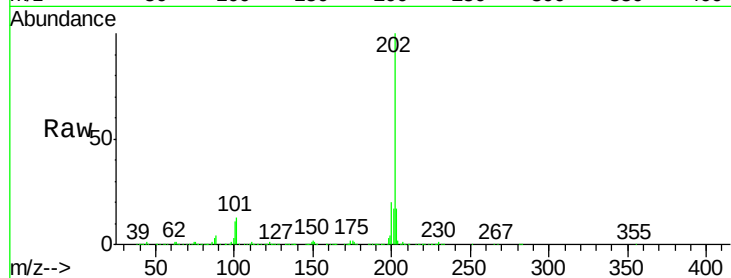




#80
 Pyrene
 Concen: 18.018 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BM016925.D
 Acq: 01 Oct 2018 17:26

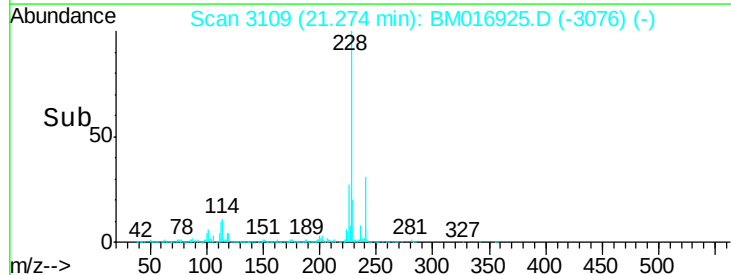
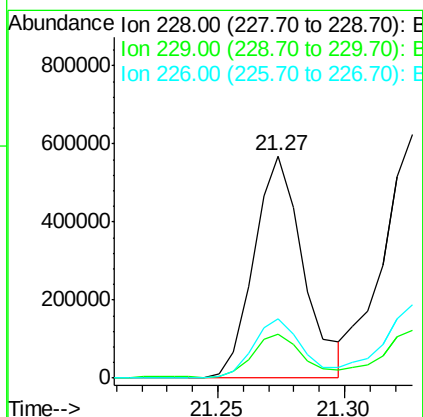
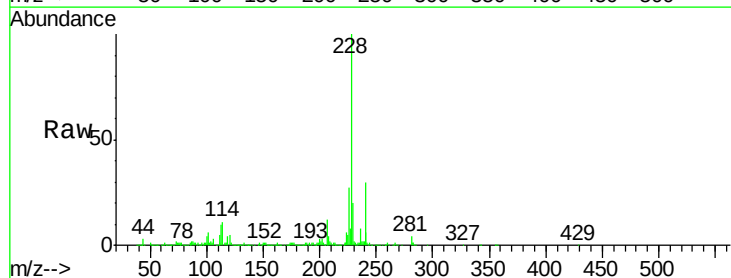
Instrument :
 BNA_M
 ClientSampleId :
 C0BC0

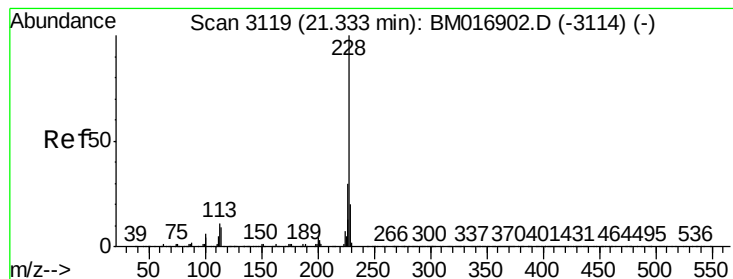
Tgt Ion:202 Resp: 1305045
 Ion Ratio Lower Upper
 202 100
 101 12.7 6.9 10.3#
 100 10.5 5.6 8.4#



#83
 Benzo(a)anthracene
 Concen: 10.571 ng/ul
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM016925.D
 Acq: 01 Oct 2018 17:26

Tgt Ion:228 Resp: 771944
 Ion Ratio Lower Upper
 228 100
 229 20.0 16.0 24.0
 226 26.7 21.8 32.8





#85

Chrysene

Concen: 12.599 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Instrument :

BNA_M

ClientSampleId :

C0BC0

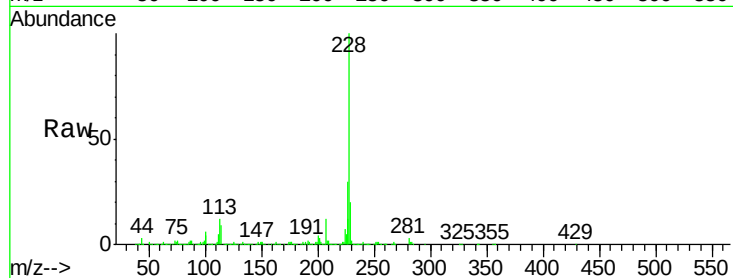
Tgt Ion: 228 Resp: 857995

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

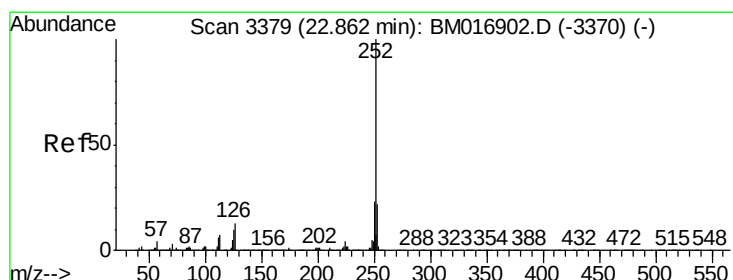
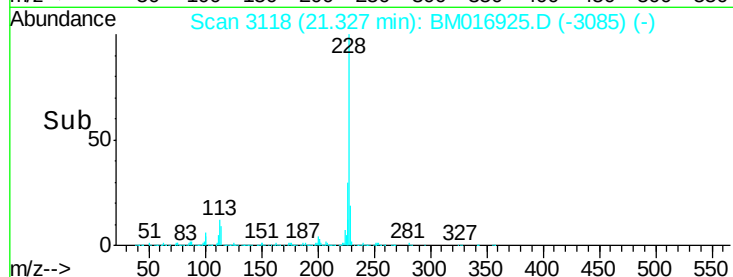
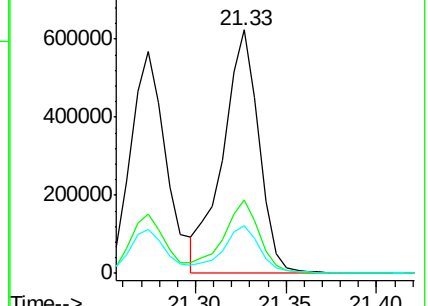
229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 7.745 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

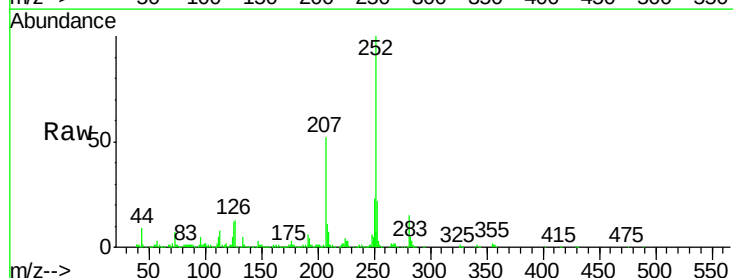
Tgt Ion: 252 Resp: 592207

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

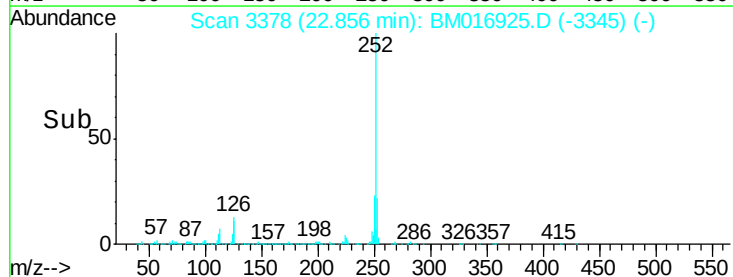
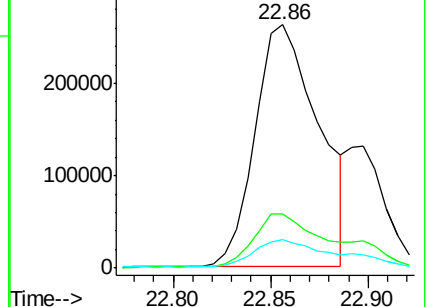
125 11.6 4.9 7.3#

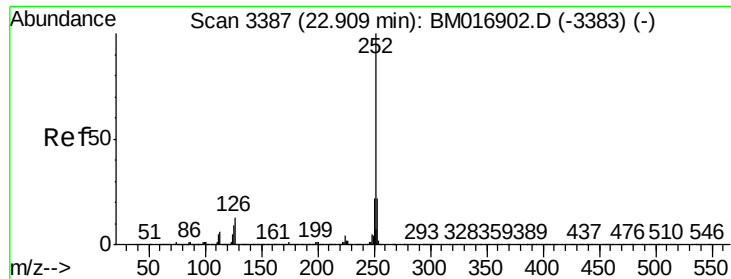


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.066 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.05 min

Lab File: BM016925.D

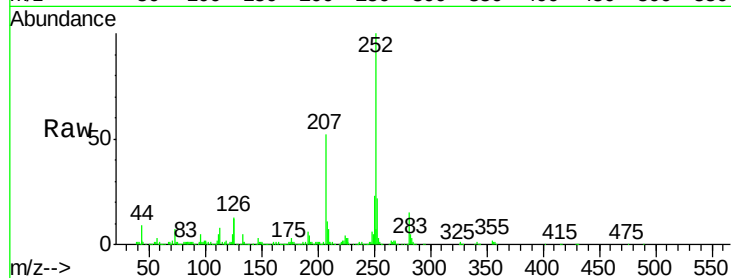
Acq: 01 Oct 2018 17:26

Instrument :

BNA_M

ClientSampleId :

C0BC0



Tgt Ion:	252	Resp:	592207
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	11.6	5.4	8.0

