

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 08:26:43 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	0.00	96	0d	0.00	ng/uL	
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	0.00	131	0d	0.00	ng/ul	
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	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

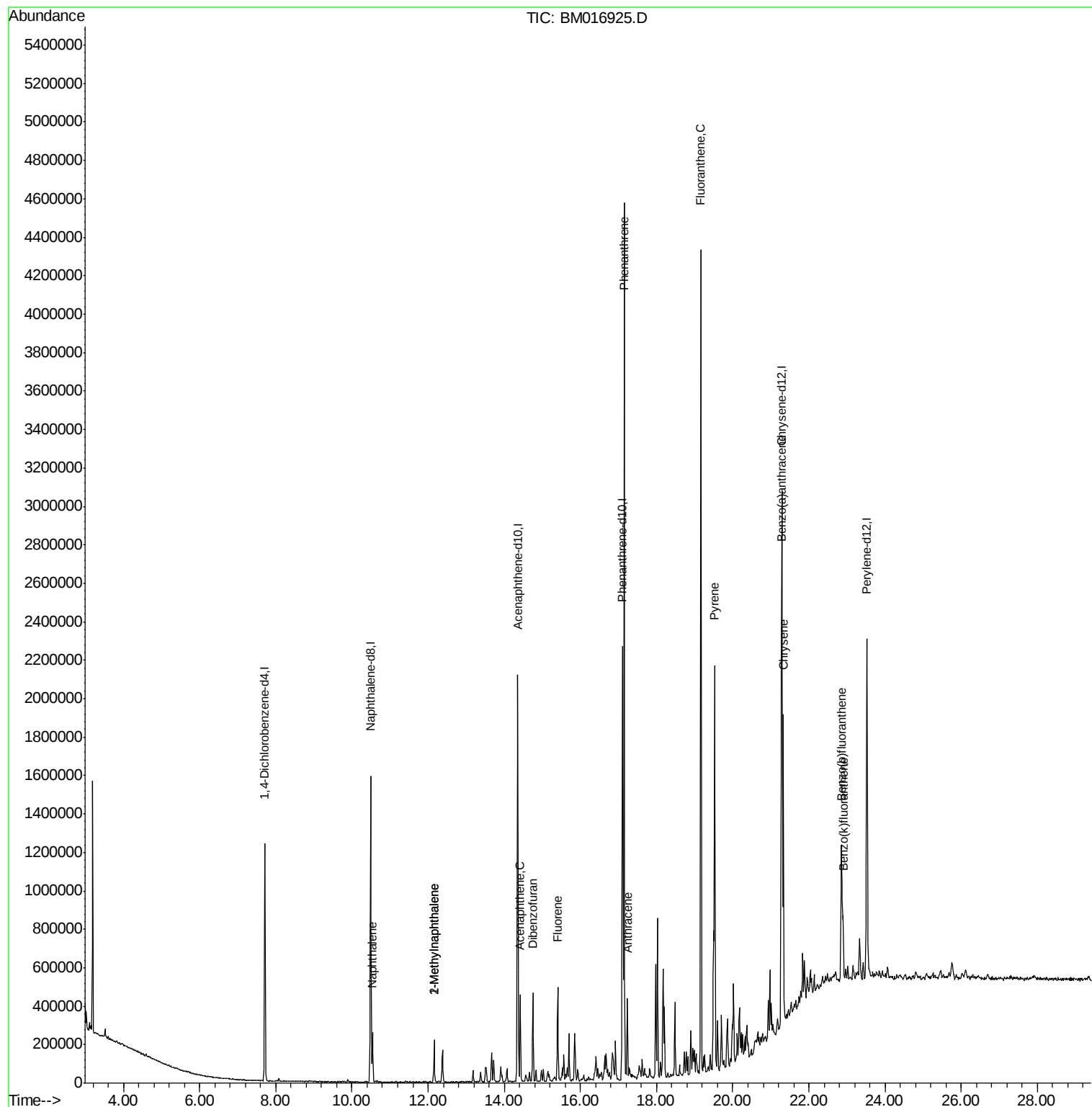
					Ovalue	
28) Naphthalene	10.54	128	203046	2.928	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	105629	2.162	ng/ul	97
35) 1-Methylnaphthalene	12.16	142	105629	2.162	ng/ul	96
50) Acenaphthene	14.42	153	181001	3.748	ng/ul	99
54) Dibenzofuran	14.75	168	260795	3.936	ng/ul	94
59) Fluorene	15.40	166	202640	3.723	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	22.90	252	177148m	2.413	ng/ul	

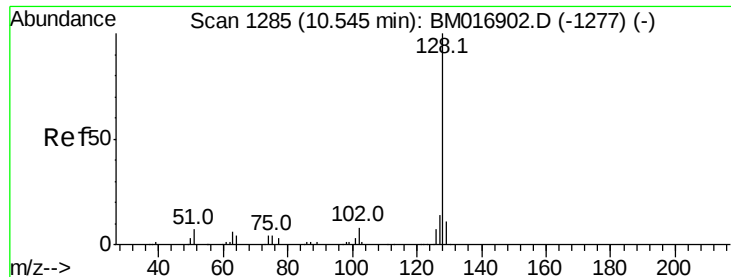
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
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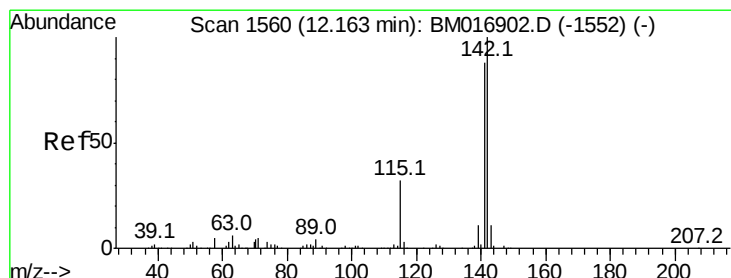
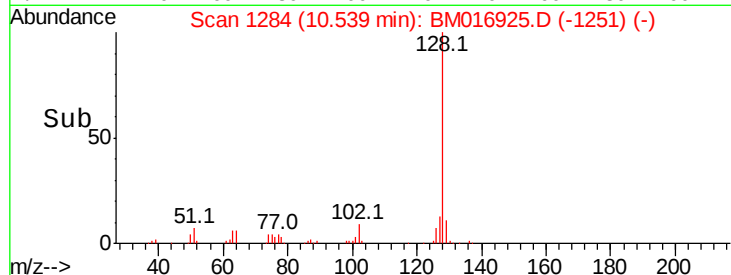
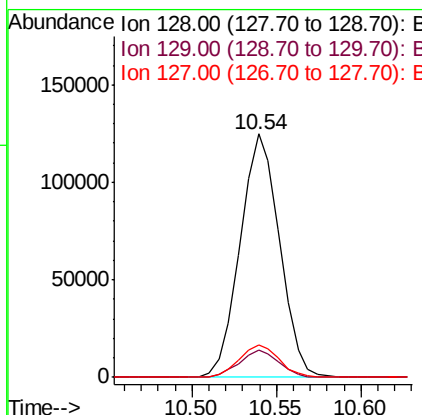
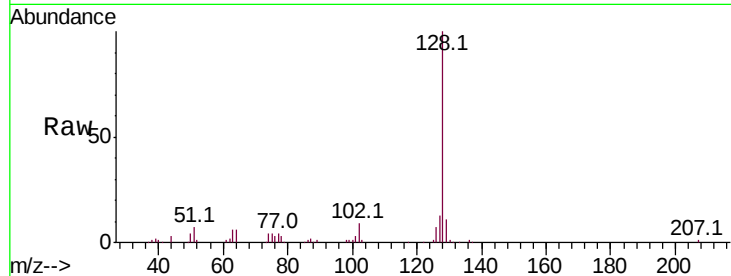




#28
Naphthalene
Concen: 2.928 ng/ul
RT: 10.54 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM016925.D
Acq: 01 Oct 2018 17:26

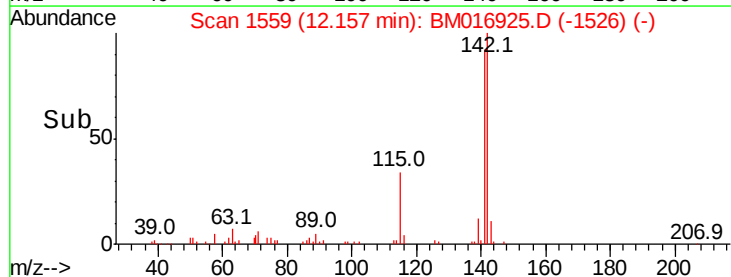
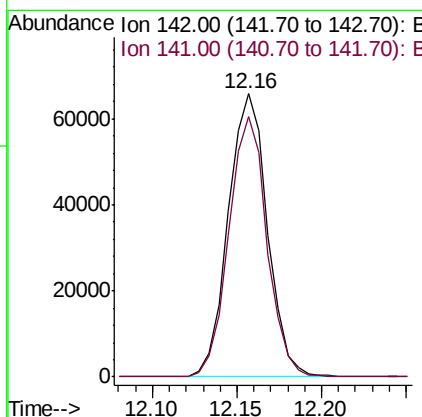
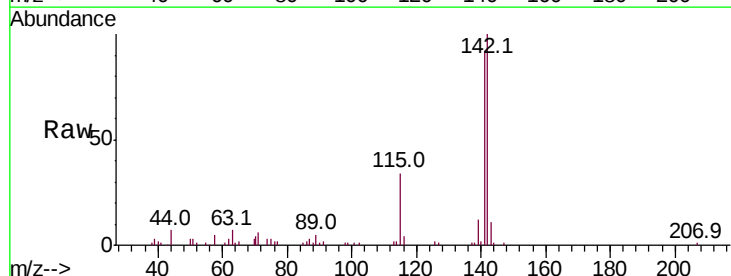
Instrument :
BNA_M
ClientSampleId :
C0BC0

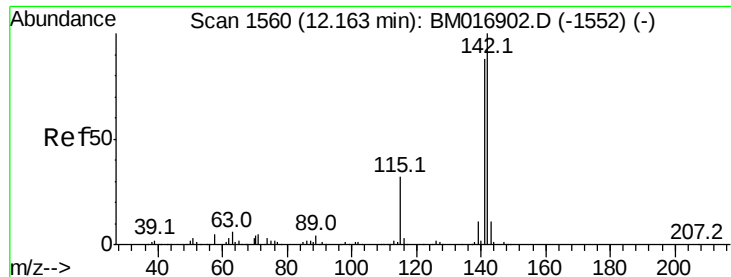
Tot Ion:128 Resp: 203046
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.5 10.8 16.2



#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

Tgt Ion:142 Resp: 105629
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2

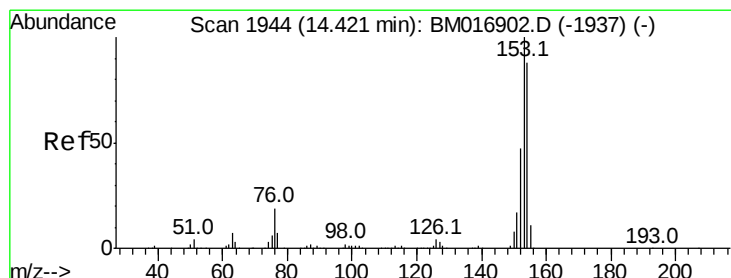
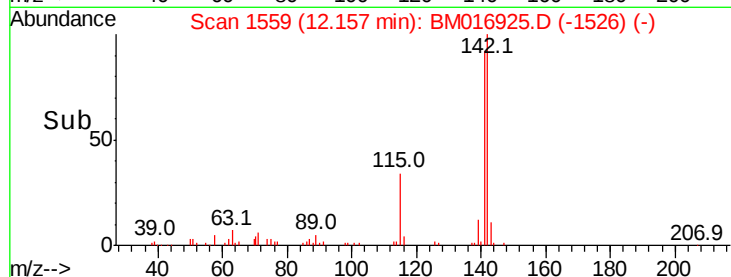
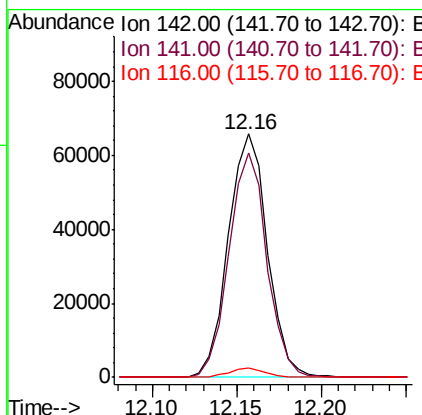
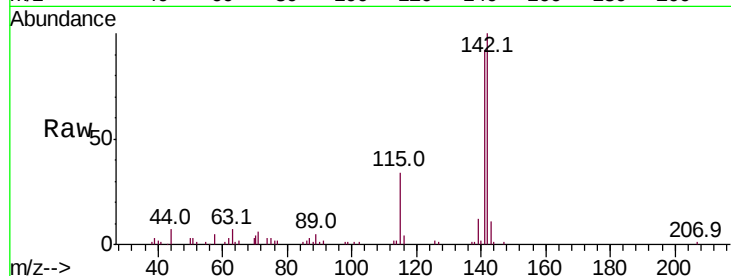




#35
 1-Methylnaphthalene
 Concen: 2.162 ng/ul
 RT: 12.16 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BM016925.D
 Acq: 01 Oct 2018 17:26

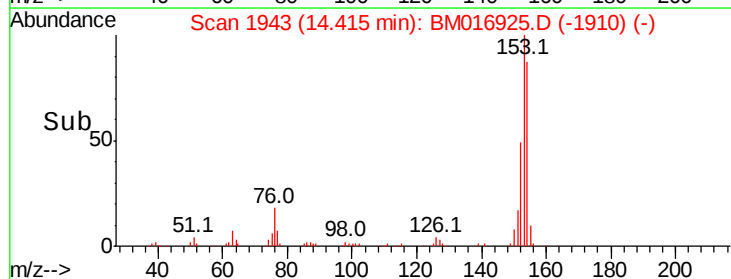
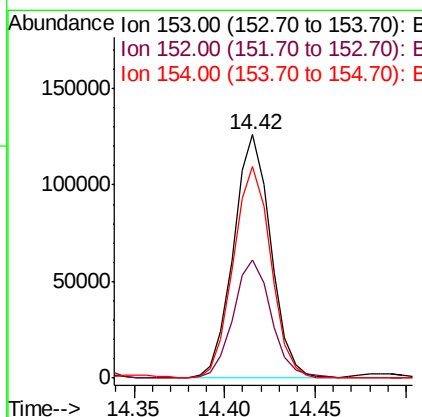
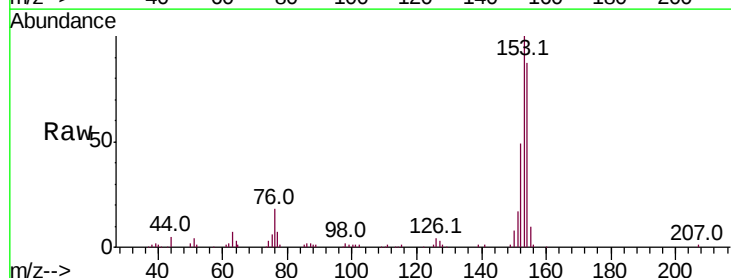
Instrument :
 BNA_M
 ClientSampleId :
 C0BC0

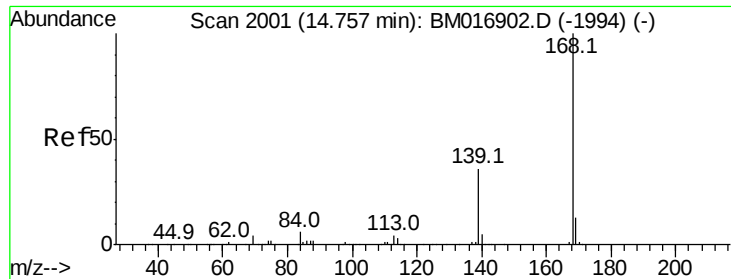
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	76.6	115.0
116	3.7	3.6	5.4



#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

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





#54

Dibenzenofuran

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

Instrument :

BNA_M

ClientSampleId :

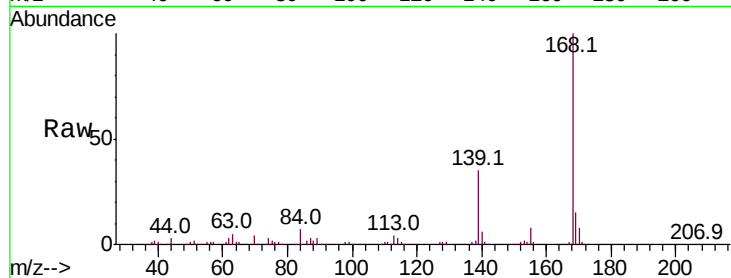
C0BC0

Tot Ion:168 Resp: 260795

Ion Ratio Lower Upper

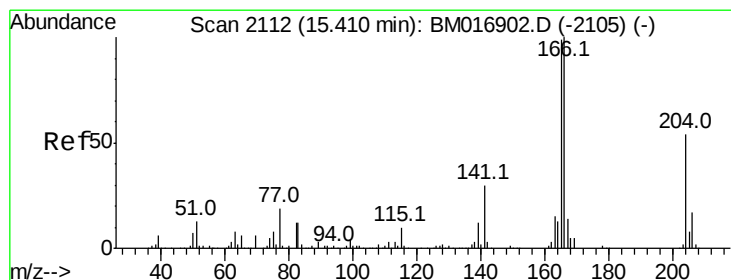
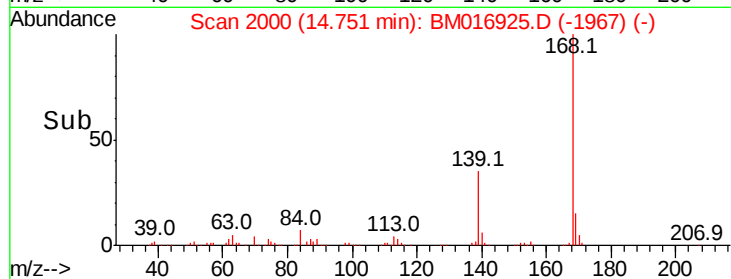
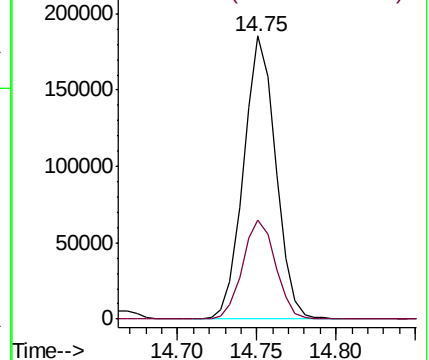
168 100

139 34.9 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#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

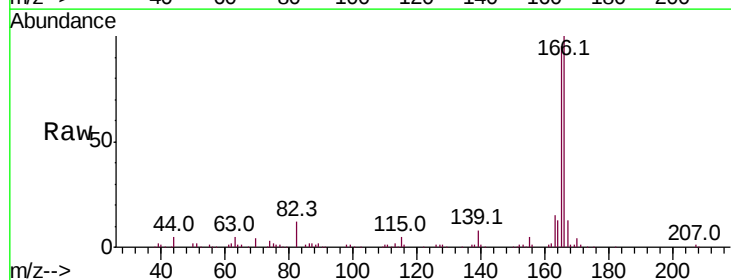
Tgt Ion:166 Resp: 202640

Ion Ratio Lower Upper

166 100

165 94.7 78.4 117.6

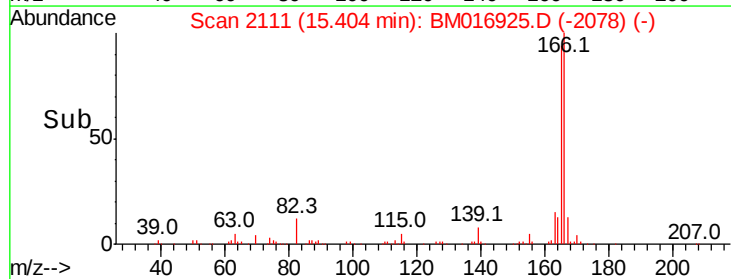
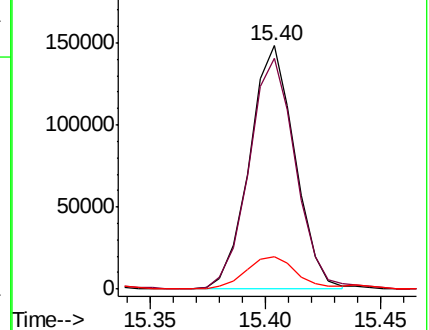
167 13.3 11.1 16.7

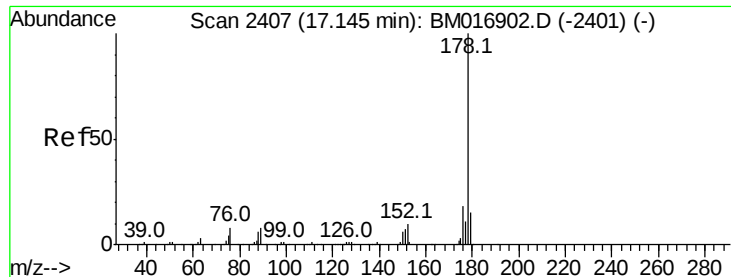


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

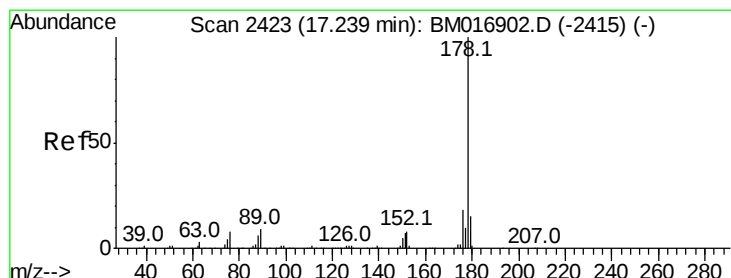
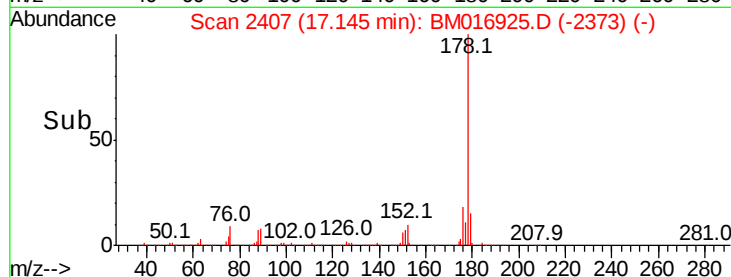
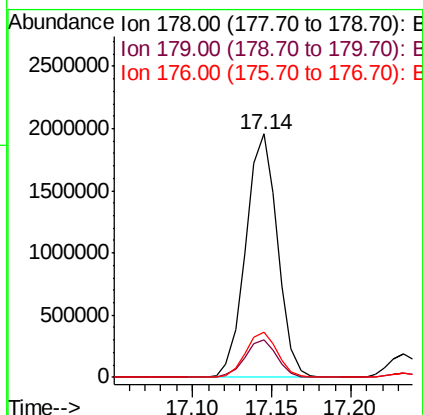
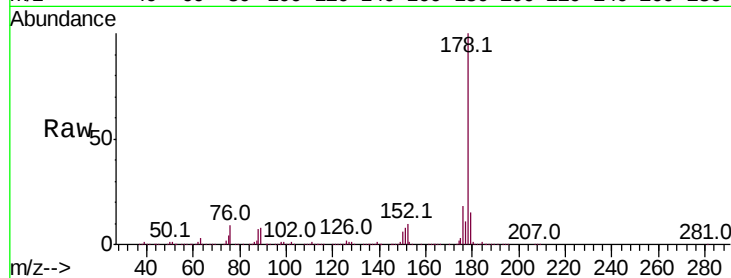




#70
Phenanthrene
Concen: 37.118 ng/ul
RT: 17.14 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM016925.D
Acq: 01 Oct 2018 17:26

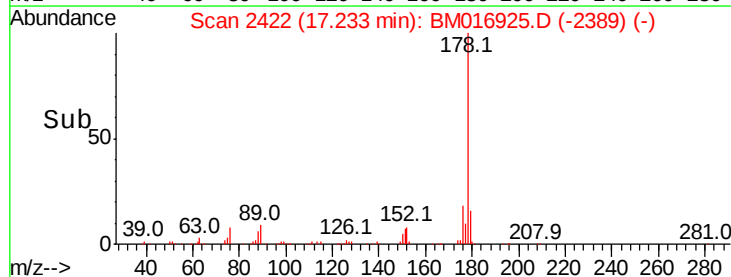
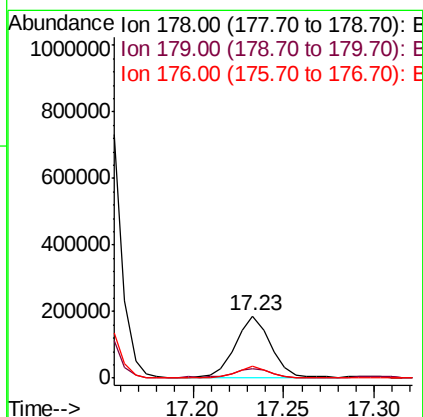
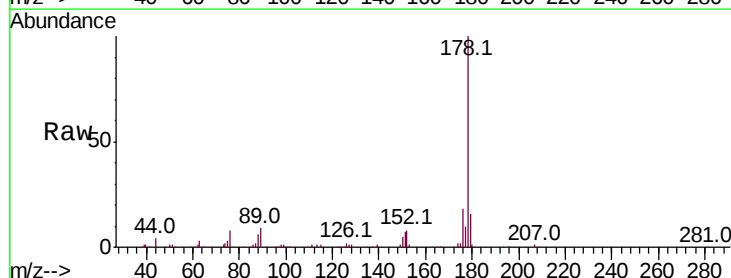
Instrument :
BNA_M
ClientSampleId :
C0BC0

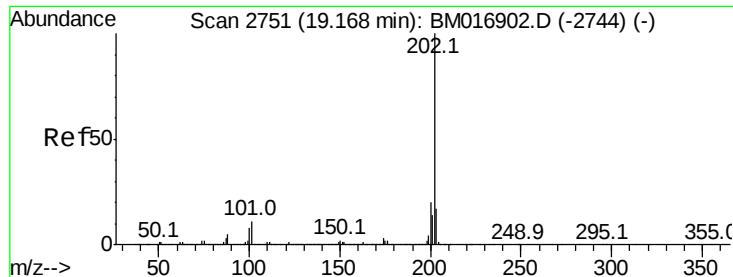
Tot Ion:178 Resp: 2713573
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.4 15.4 23.0



#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

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





#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

Instrument :

BNA_M

ClientSampleId :

C0BC0

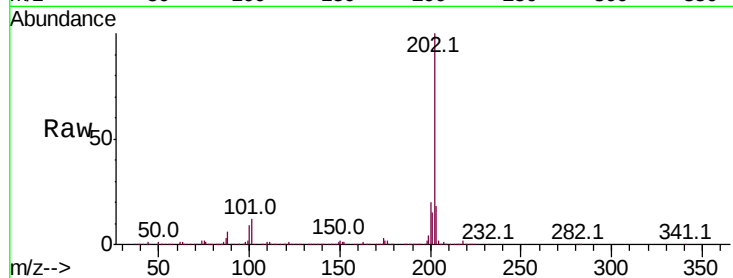
Tot Ion:202 Resp: 2422505

Ion Ratio Lower Upper

202 100

101 11.5 6.1 9.1#

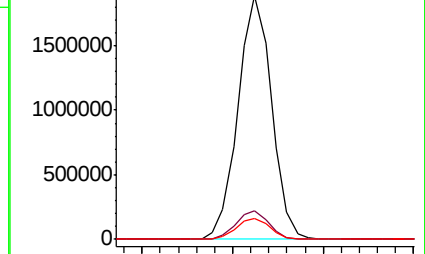
100 8.5 4.6 7.0#



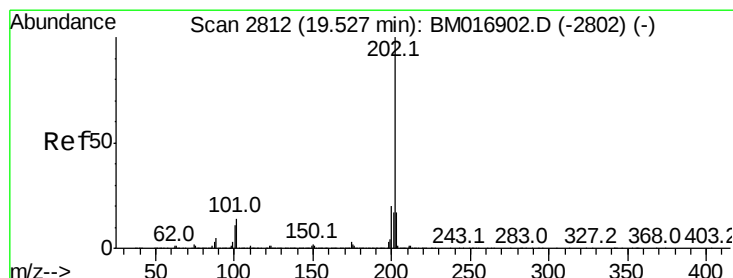
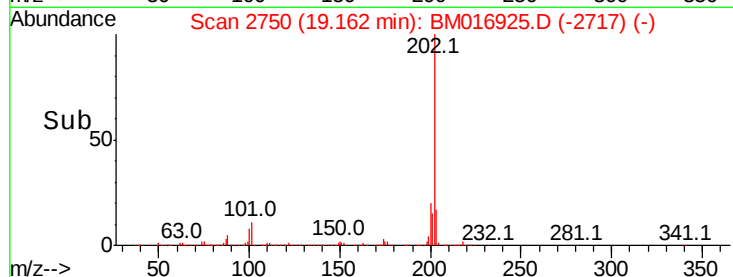
Abundance Ion 202.00 (201.70 to 202.70): E

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

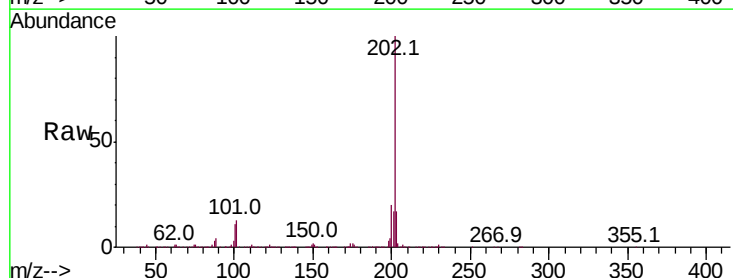
Tgt Ion:202 Resp: 1305045

Ion Ratio Lower Upper

202 100

101 12.7 6.9 10.3#

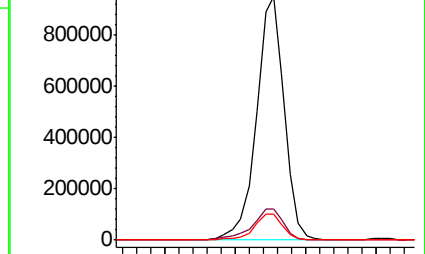
100 10.5 5.6 8.4#



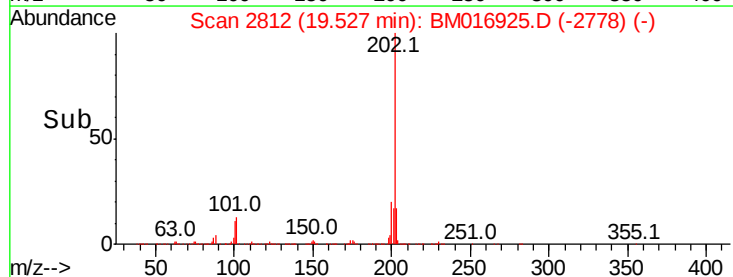
Abundance Ion 202.00 (201.70 to 202.70): E

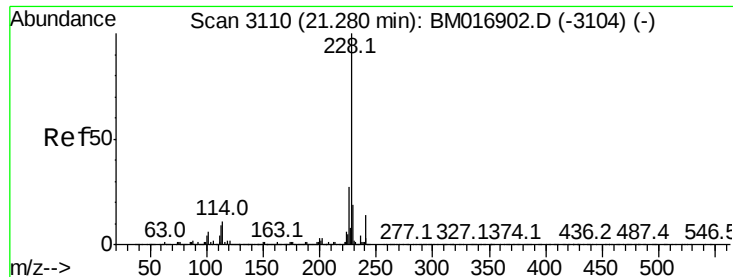
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#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

Instrument :

BNA_M

ClientSampleId :

C0BC0

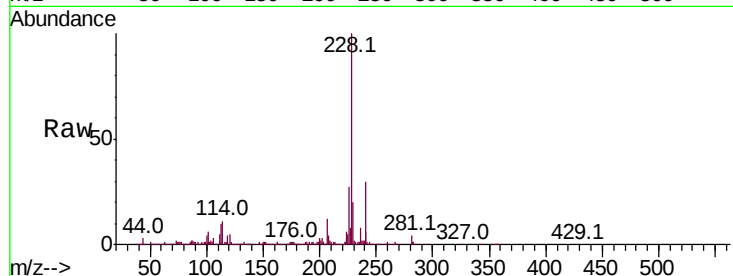
Tot Ion:228 Resp: 771944

Ion Ratio Lower Upper

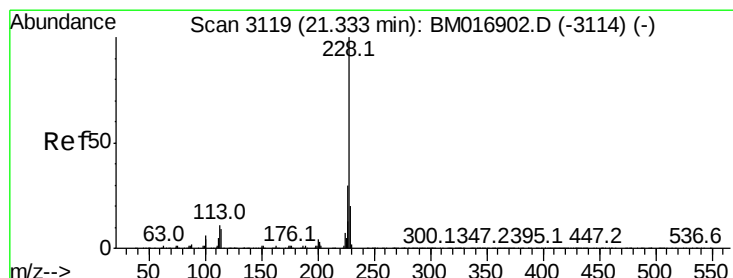
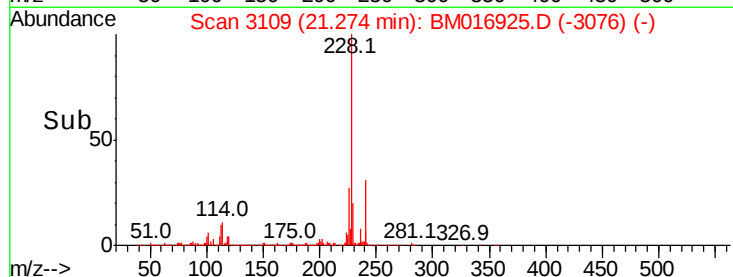
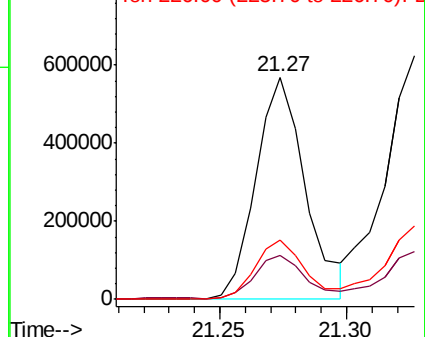
228 100

229 20.0 16.0 24.0

226 26.7 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#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

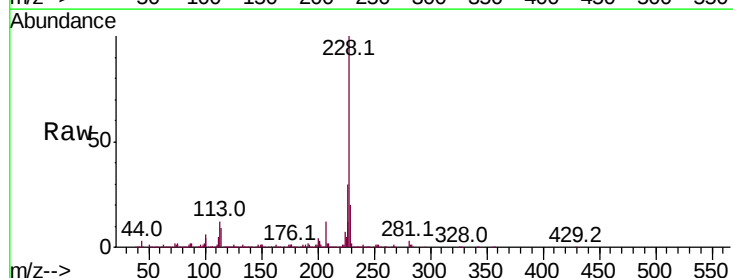
Tgt Ion:228 Resp: 857995

Ion Ratio Lower Upper

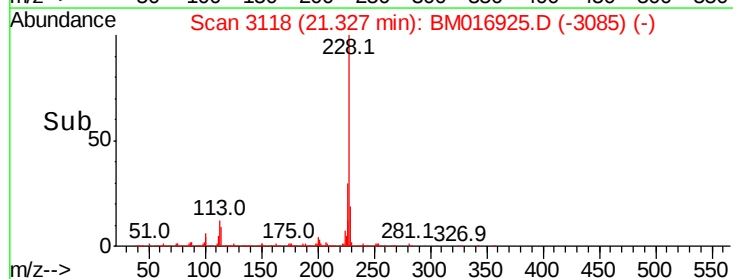
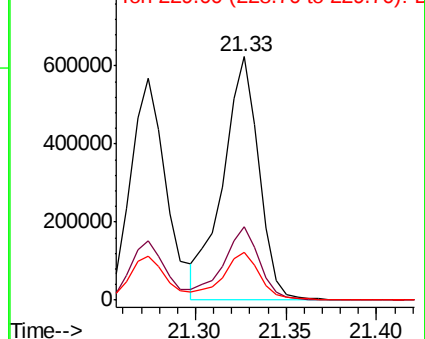
228 100

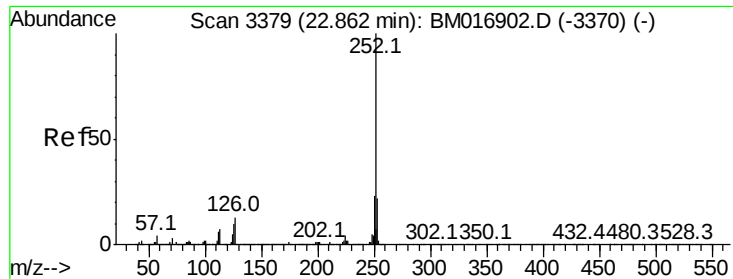
226 30.1 24.1 36.1

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

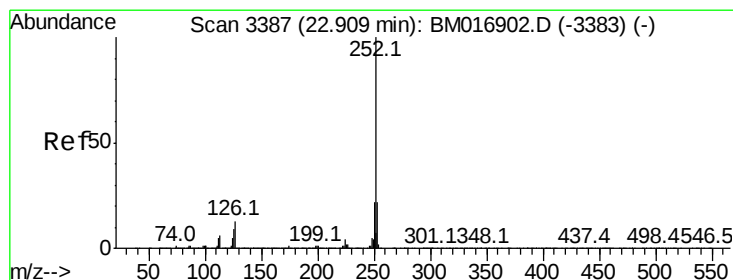
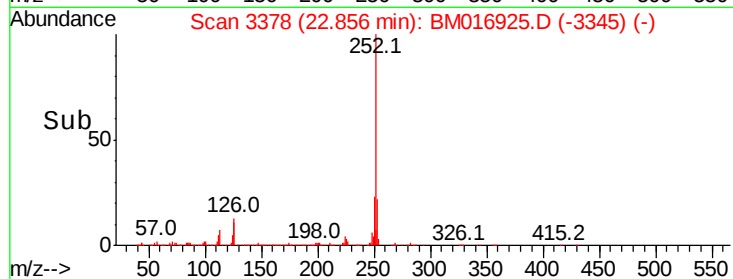
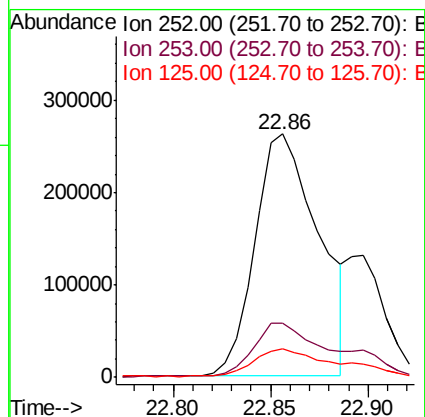
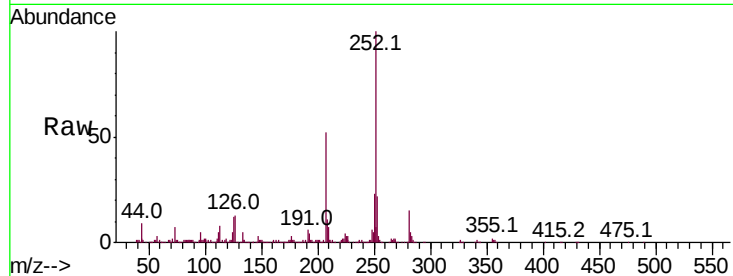
Instrument :

BNA_M

ClientSampleId :

C0BC0

Tot Ion:	252	Resp:	592207
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	11.6	4.9	7.3#



#89

Benzo(k)fluoranthene

Concen: 2.413 ng/ul m

RT: 22.90 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM016925.D

Acq: 01 Oct 2018 17:26

Tgt Ion:	252	Resp:	177148
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	11.1	5.4	8.0#

