

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016959.D
 Acq On : 02 Oct 2018 13:52
 Operator : MJ/SJ
 Sample : J5126-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 01:15:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 02 20:15:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	449255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1859048	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	940232	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1732508	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1503964	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1601649	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	439	0.04	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.10	67	695	0.03	ng/ul	0.05
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.36	113	395	0.01	ng/ul	-0.05
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	10.49	131	2886	0.08	ng/ul	-0.14
44) Dimethylphthalate-d6	13.66	166	140	0.00	ng/ul	-0.11
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.54	143	113	0.01	ng/ul	0.00
58) Fluorene-d10	15.34	176	5334	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	1669	0.23	ng/ul	-0.02
71) Anthracene-d10	17.19	188	4862	0.06	ng/ul	0.00
79) Pyrene-d10	19.50	212	769	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1587495	19.00	ng/ul	0.14

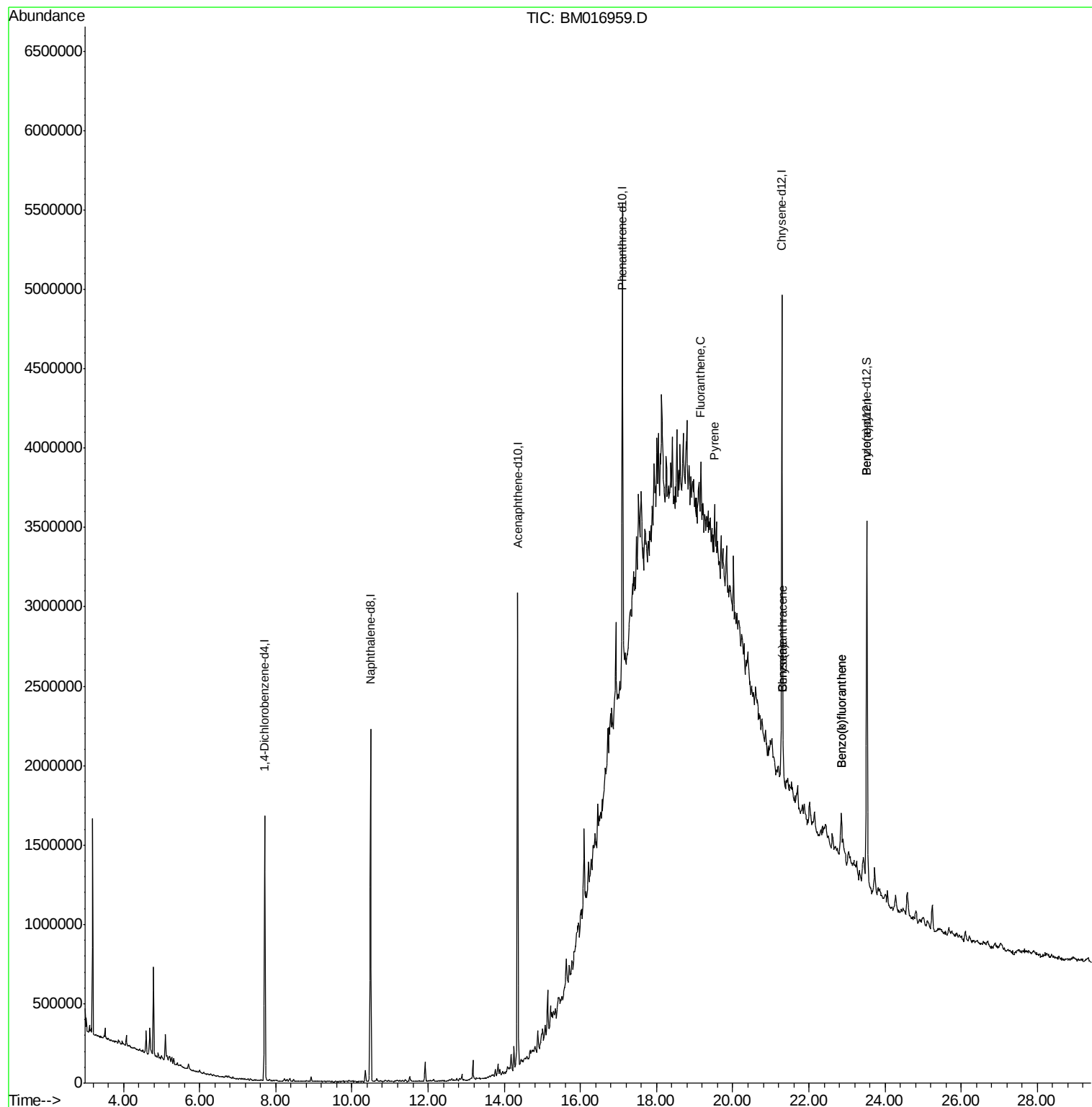
Target Compounds				Ovalue		
77) Fluoranthene	19.16	202	215945	1.957	ng/ul#	90
80) Pyrene	19.52	202	141781	1.535	ng/ul#	84
83) Benzo(a)anthracene	21.33	228	123277	1.324	ng/ul	95
85) Chrysene	21.33	228	124408	1.433	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	167843	1.751	ng/ul#	82
89) Benzo(k)fluoranthene	22.85	252	167843	1.823	ng/ul#	81

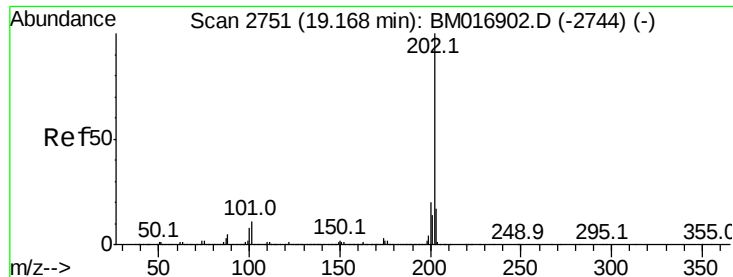
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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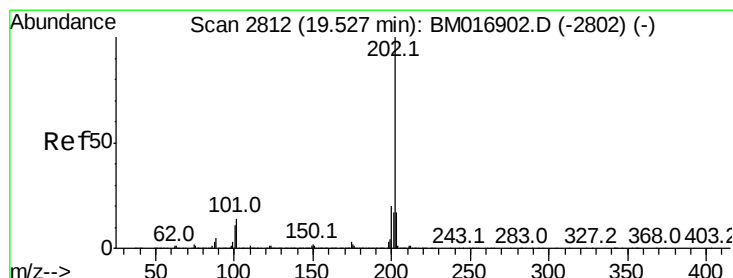
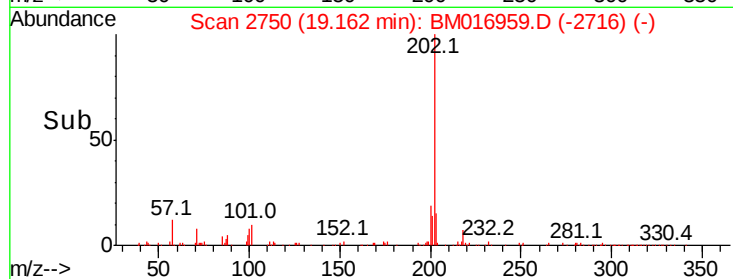
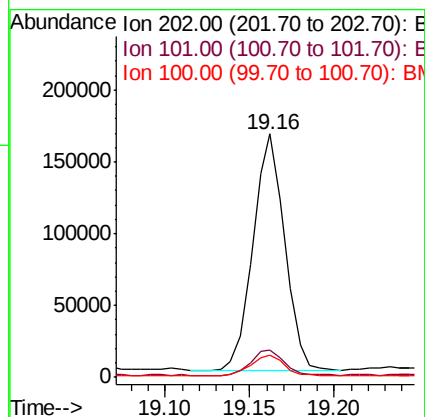
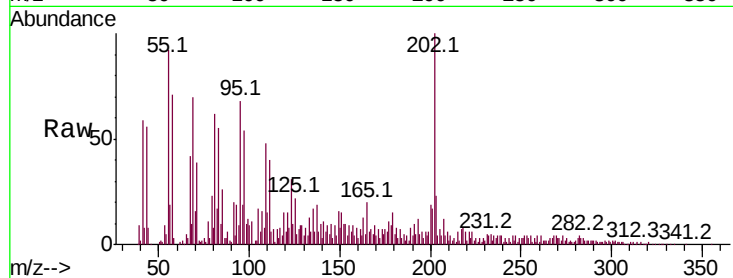




#77
 Fluoranthene
 Concen: 1.957 ng/ul
 RT: 19.16 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: BM016959.D
 Acq: 02 Oct 2018 13:52

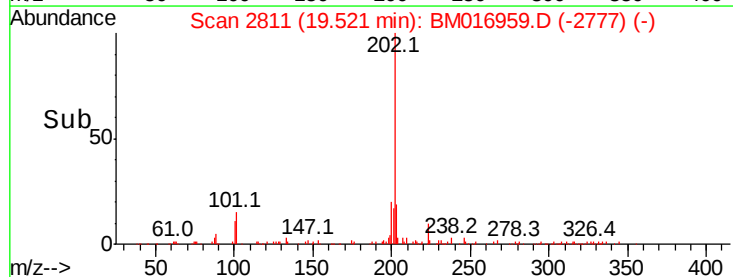
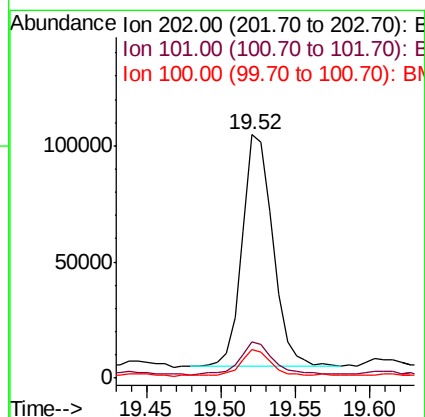
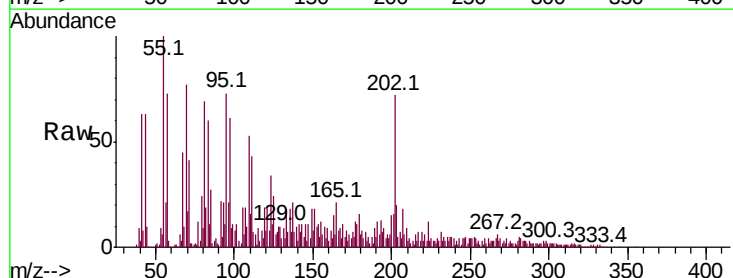
Instrument :
 BNA_M
 ClientSampleId :

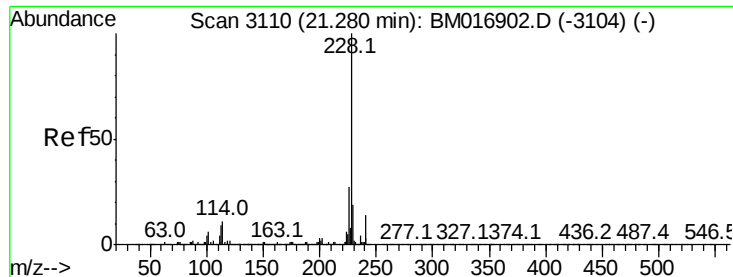
Tot Ion	Ratio	Resp	Lower	Upper
202	100	215945		
101	11.1		6.1	9.1#
100	9.0		4.6	7.0#



#80
 Pyrene
 Concen: 1.535 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BM016959.D
 Acq: 02 Oct 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	141781		
101	14.9		6.9	10.3#
100	11.6		5.6	8.4#





#83

Benzo(a)anthracene

Concen: 1.324 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.05 min

Lab File: BM016959.D

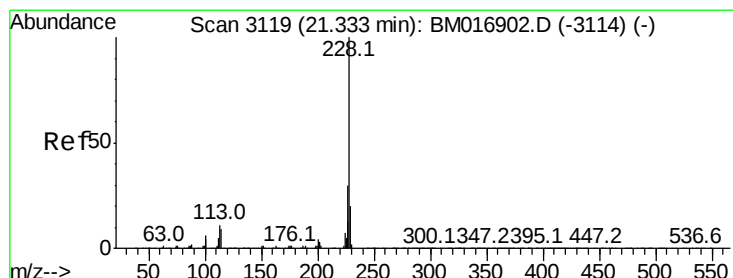
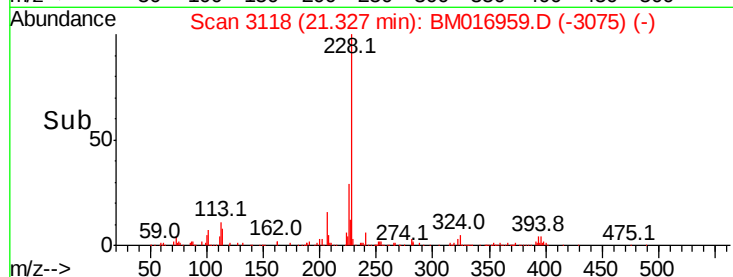
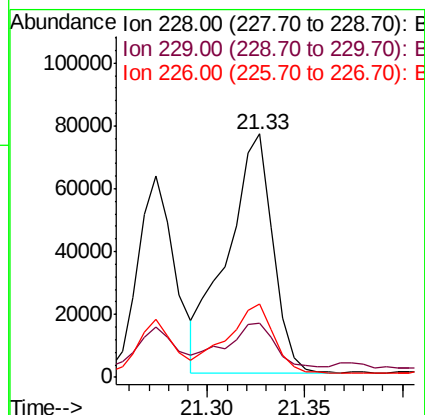
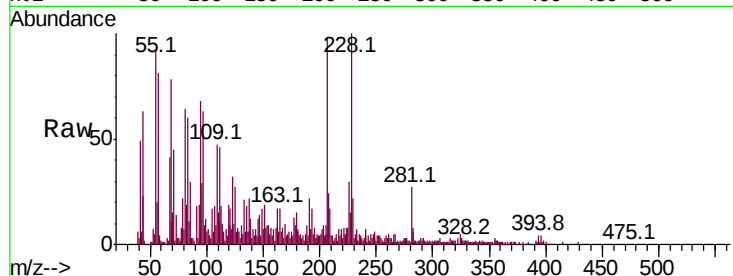
Acq: 02 Oct 2018 13:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	123277
Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	30.4	21.8	32.8



#85

Chrysene

Concen: 1.433 ng/ul

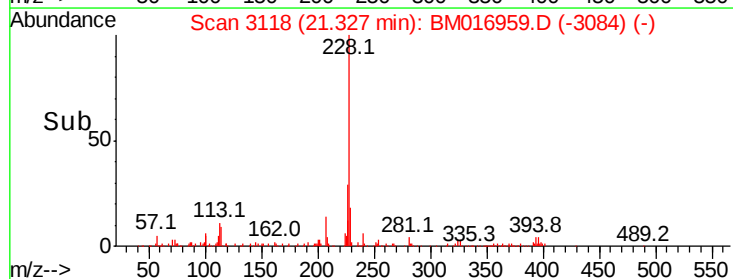
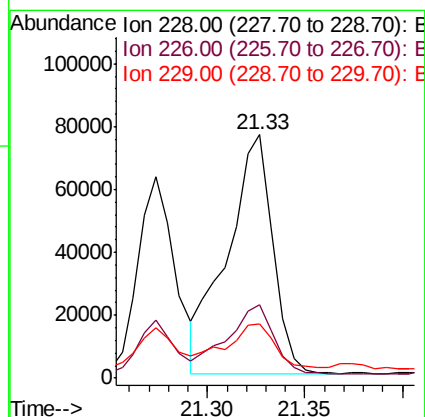
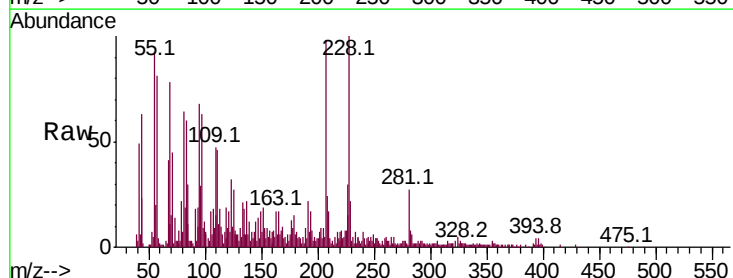
RT: 21.33 min Scan# 3118

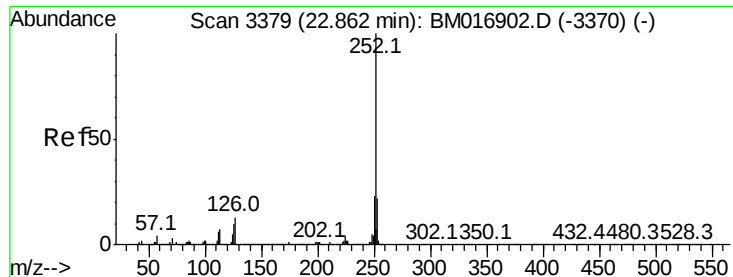
Delta R.T. -0.00 min

Lab File: BM016959.D

Acq: 02 Oct 2018 13:52

Tgt Ion:	228	Resp:	124408
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	22.0	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 1.751 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BM016959.D

Acq: 02 Oct 2018 13:52

Instrument :

BNA_M

ClientSampleId :

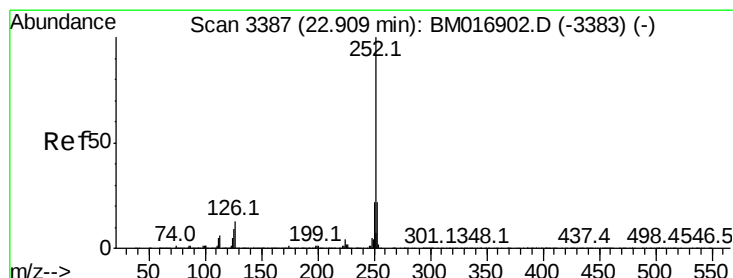
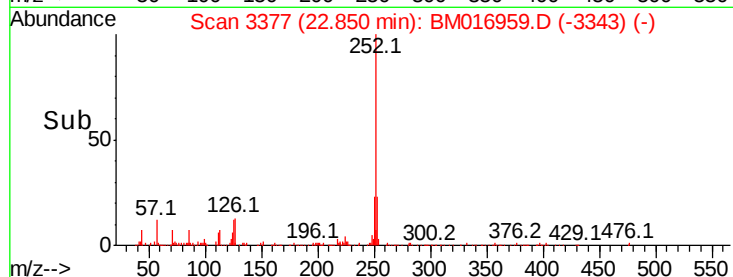
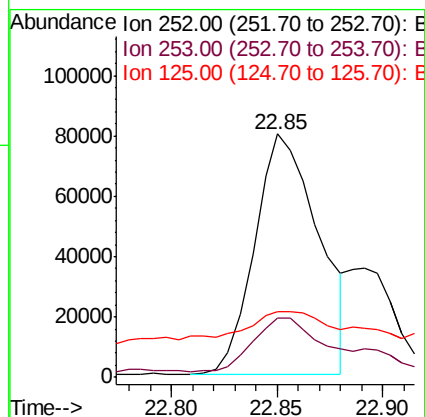
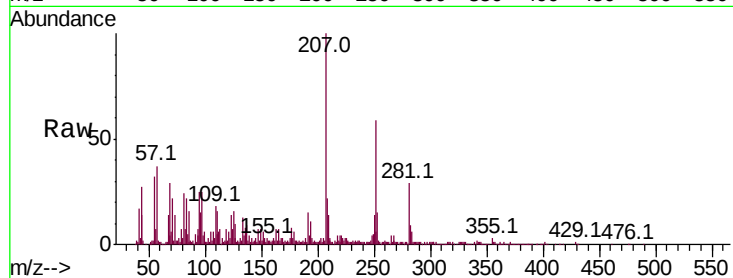
Tot Ion:252 Resp: 167843

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 26.8 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 1.823 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.05 min

Lab File: BM016959.D

Acq: 02 Oct 2018 13:52

Tgt Ion:252 Resp: 167843

Ion Ratio Lower Upper

252 100

253 24.5 17.1 25.7

125 26.8 5.4 8.0#

