

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016960.D
 Acq On : 02 Oct 2018 14:28
 Operator : MJ/SJ
 Sample : J5126-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 01:15:23 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	306867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1230820	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	608047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1194156	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1094377	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1202708	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	408	0.06	ng/uL	0.00
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	10.50	131	1663	0.07	ng/ul	-0.13
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	3349	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.19	188	3835	0.07	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.52	264	1193059	19.02	ng/ul	0.14

Target Compounds

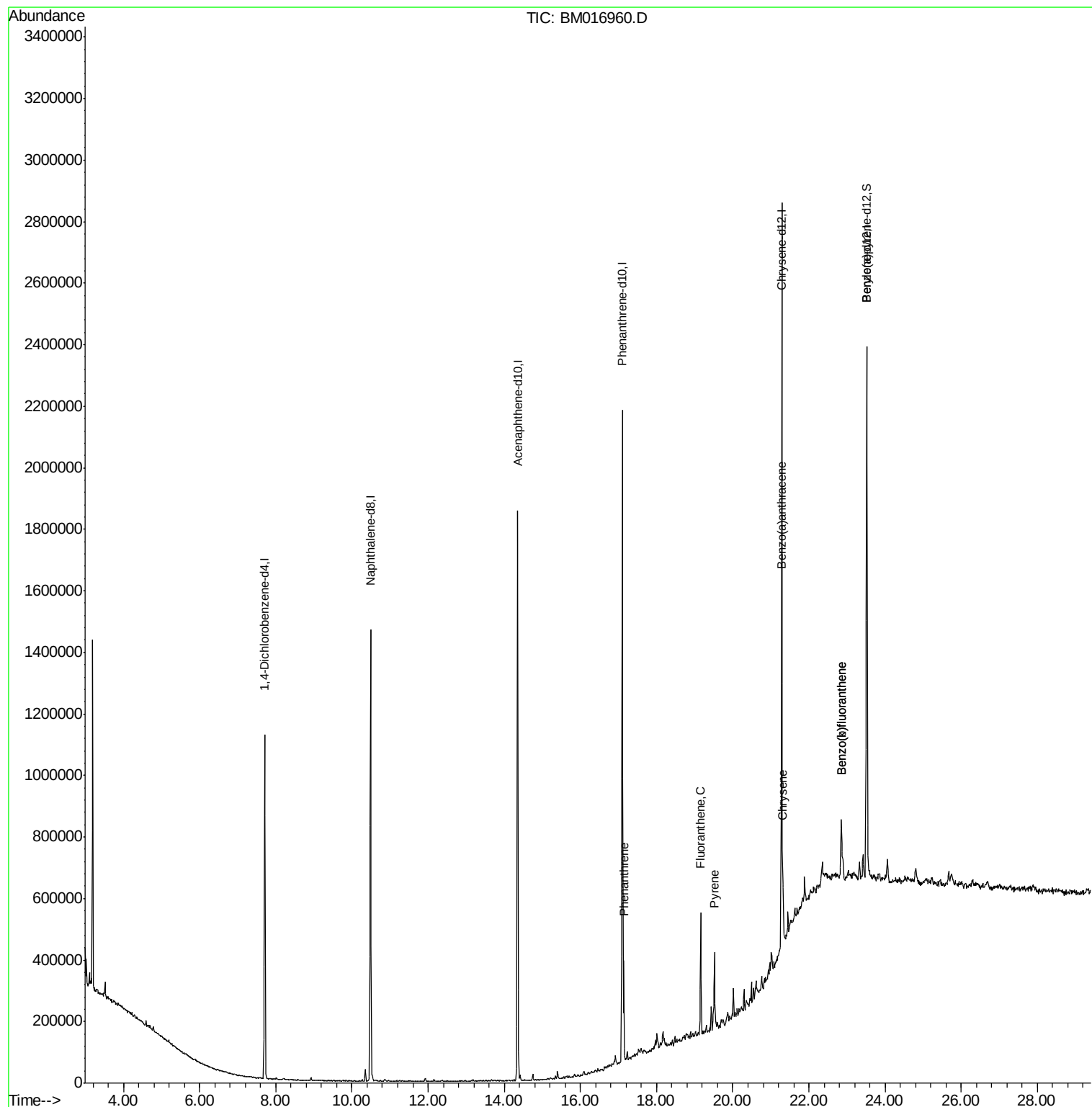
					Ovalue	
70) Phenanthrene	17.14	178	194664	2.935	ng/ul	99
77) Fluoranthene	19.16	202	233453	3.070	ng/ul#	89
80) Pyrene	19.52	202	144167	2.145	ng/ul#	89
83) Benzo(a)anthracene	21.27	228	91861	1.356	ng/ul	98
85) Chrysene	21.32	228	96229	1.523	ng/ul	99
88) Benzo(b)fluoranthene	22.85	252	122245	1.698	ng/ul#	89
89) Benzo(k)fluoranthene	22.85	252	122245	1.768	ng/ul#	88

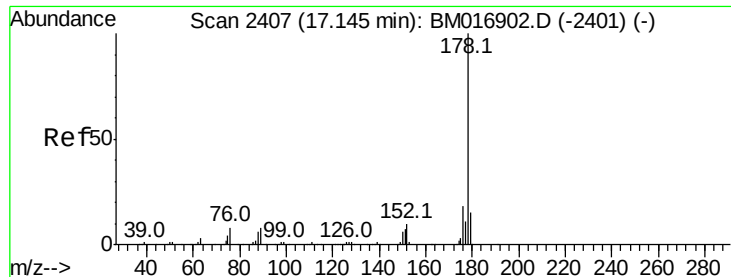
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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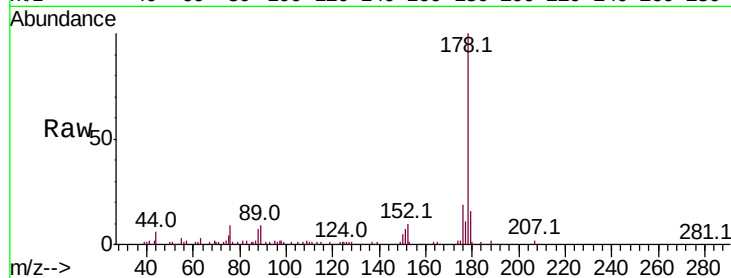




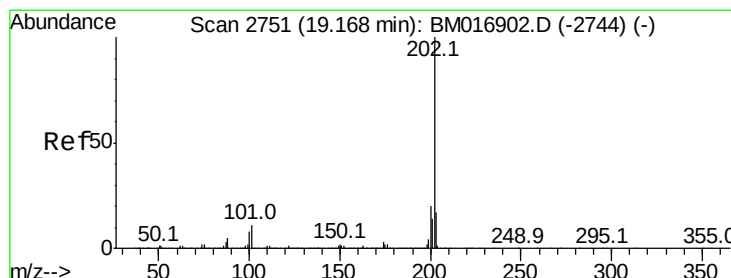
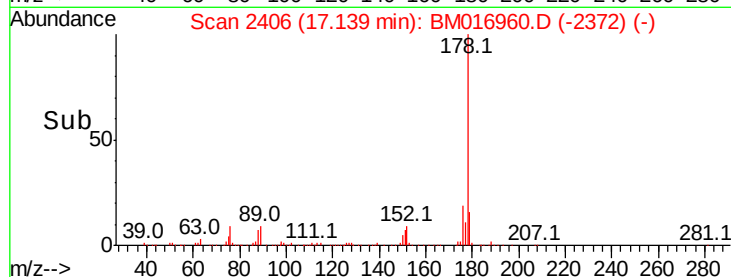
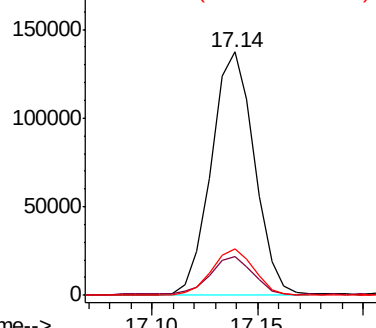
#70
Phenanthrene
Concen: 2.935 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BM016960.D
Acq: 02 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.0	15.4	23.0

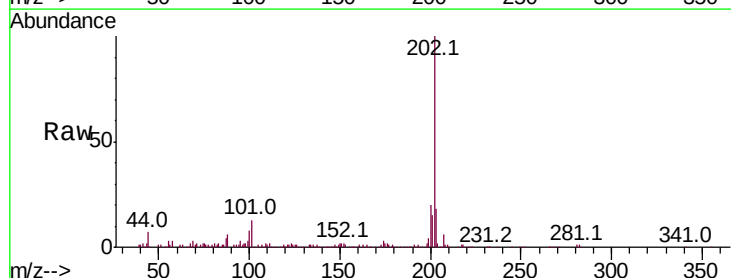


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

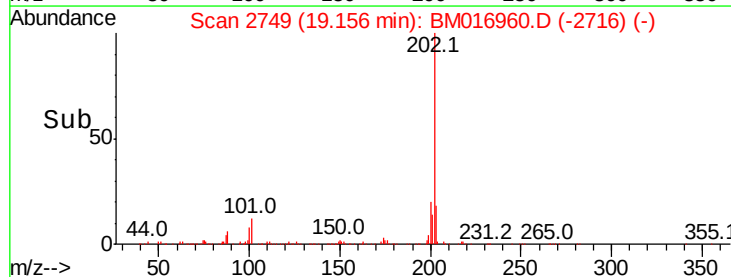
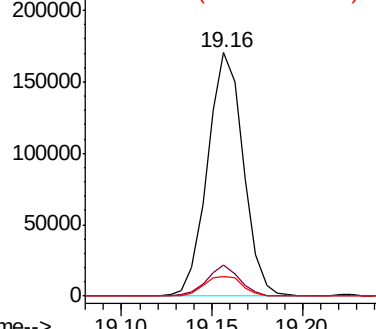


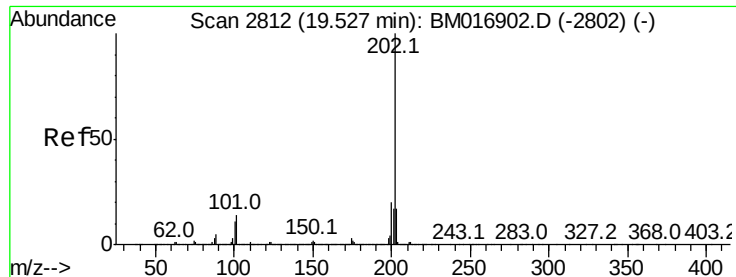
#77
Fluoranthene
Concen: 3.070 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM016960.D
Acq: 02 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	6.1	9.1#
100	8.2	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): E

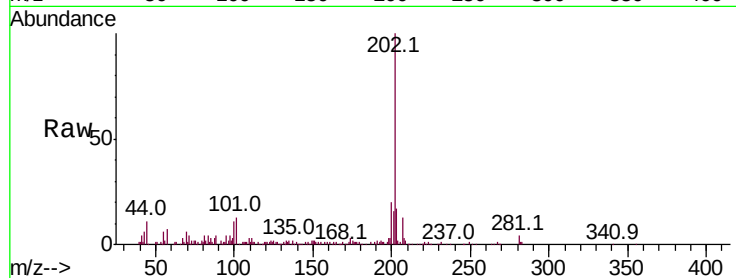




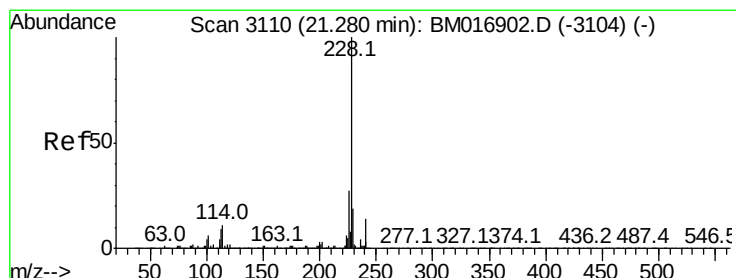
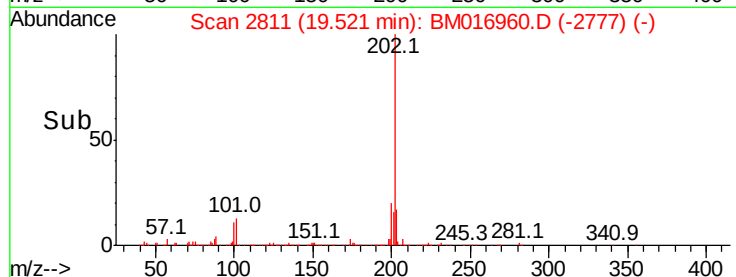
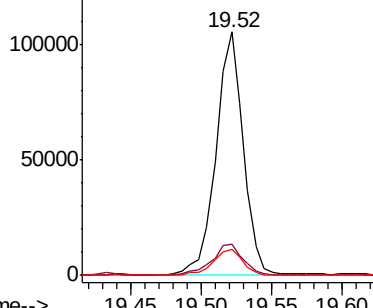
#80
Pvrene
Concen: 2.145 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM016960.D
Acq: 02 Oct 2018 14:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	6.9	10.3#
100	10.7	5.6	8.4#

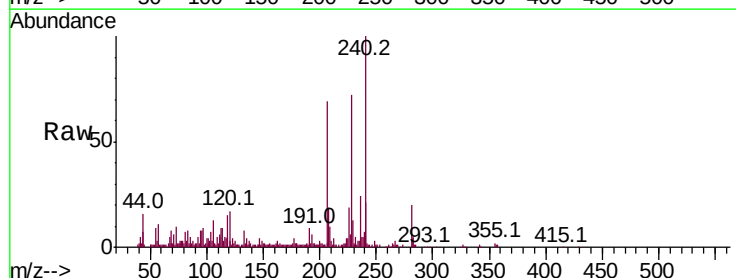


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

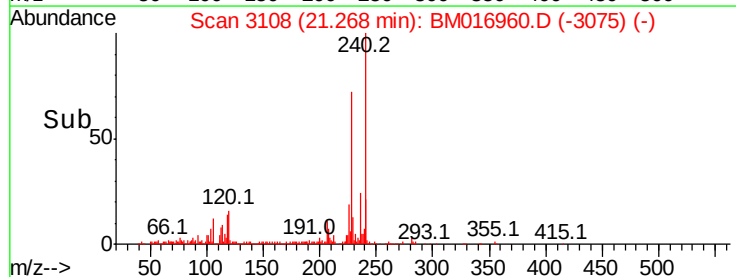
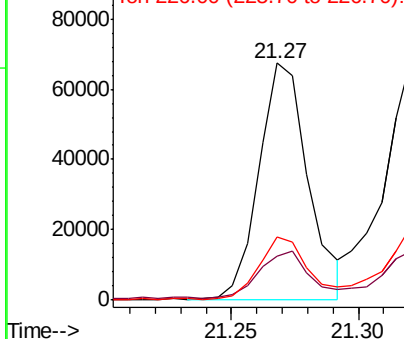


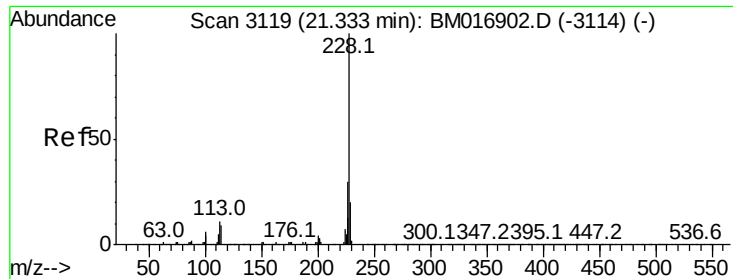
#83
Benzo(a)anthracene
Concen: 1.356 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM016960.D
Acq: 02 Oct 2018 14:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.7	16.0	24.0
226	26.8	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: 1.523 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM016960.D

Acq: 02 Oct 2018 14:28

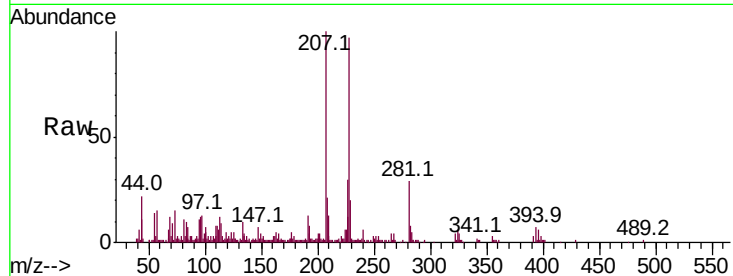
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 96229

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	20.4	16.0	24.0

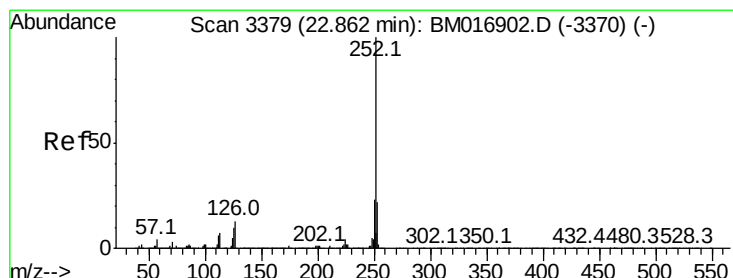
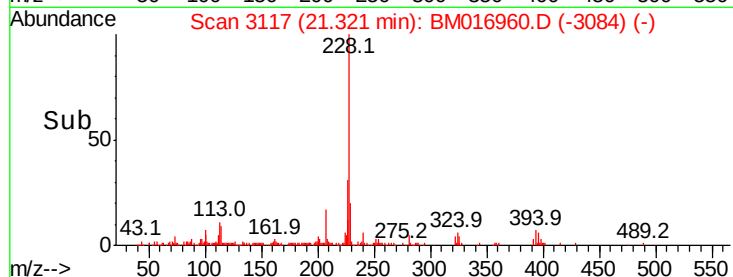
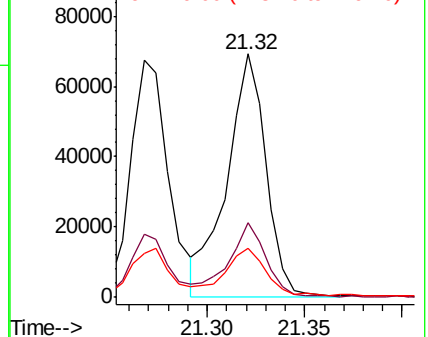


Abundance

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: 1.698 ng/ul

RT: 22.85 min Scan# 3377

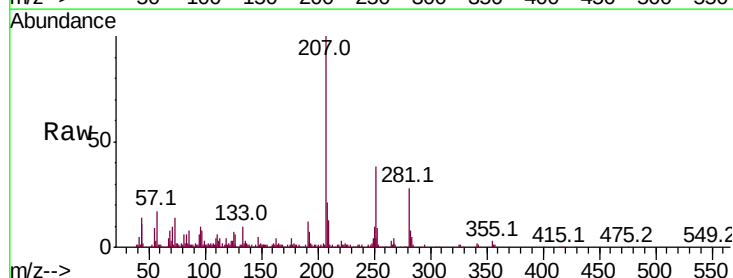
Delta R.T. 0.00 min

Lab File: BM016960.D

Acq: 02 Oct 2018 14:28

Tgt Ion:252 Resp: 122245

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	17.7	4.9	7.3#

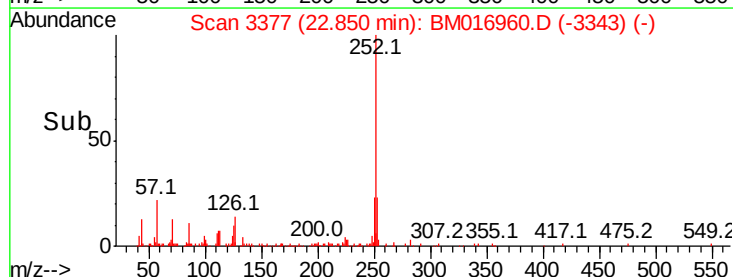
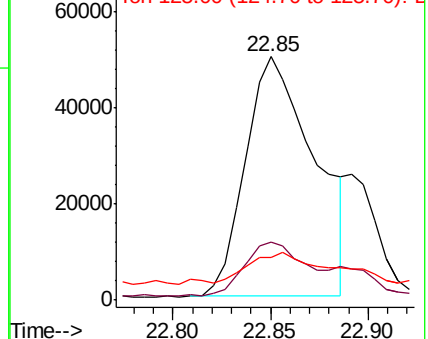


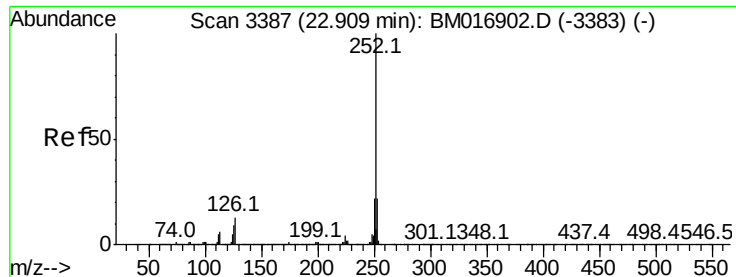
Abundance

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: 1.768 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.05 min

Lab File: BM016960.D

Acq: 02 Oct 2018 14:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	122245
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	17.7	5.4	8.0#

