

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016965.D
 Acq On : 03 Oct 2018 06:19
 Operator : MJ/SJ
 Sample : J5126-19
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 07:13:47 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	523579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2219012	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	1090894	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1942940	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1629237	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1803086	20.00	ng/ul	0.00

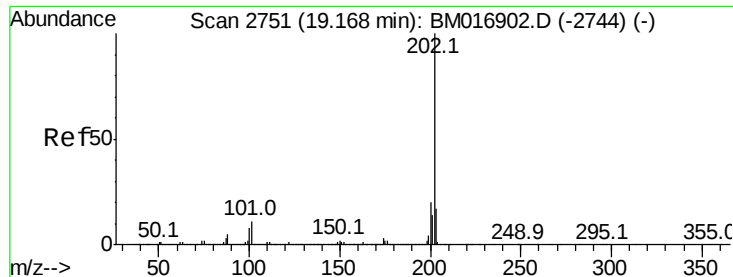
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	289	0.02	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	10.49	131	3250	0.08	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	15.35	176	6110	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	140	0.02	ng/ul	0.00
71) Anthracene-d10	17.19	188	5526	0.06	ng/ul	0.00
79) Pyrene-d10	19.49	212	225	0.00	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.42	264	1914	0.02	ng/ul	0.04

Target Compounds

					Ovalue	
77) Fluoranthene	19.16	202	313213	2.532	ng/ul#	91
80) Pyrene	19.52	202	149253	1.492	ng/ul#	86
83) Benzo(a)anthracene	21.27	228	114489	1.135	ng/ul	97
85) Chrysene	21.33	228	198580	2.111	ng/ul	97
88) Benzo(b)fluoranthene	22.85	252	207005	1.918	ng/ul#	75
89) Benzo(k)fluoranthene	22.85	252	207005	1.998	ng/ul#	73

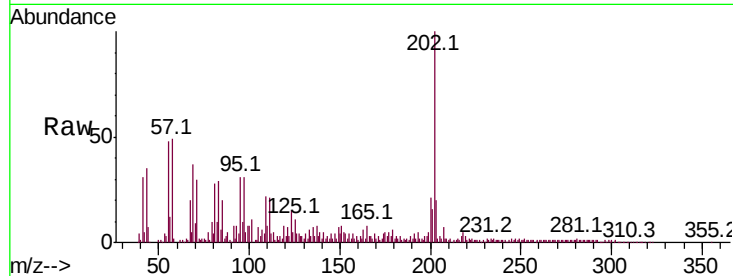
(#) = qualifier out of range (m) = manual integration (+) = signals summed



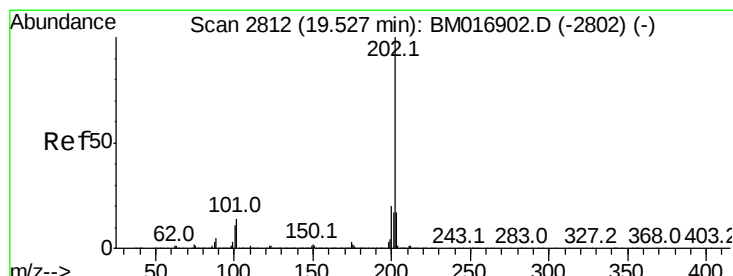
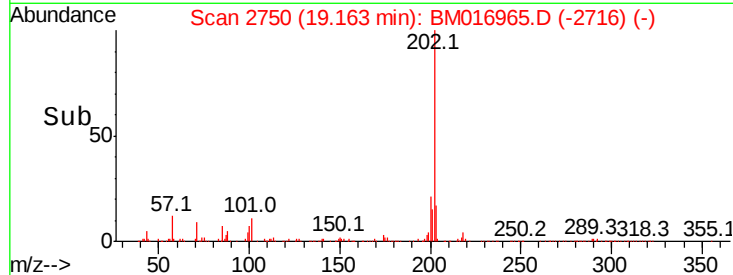
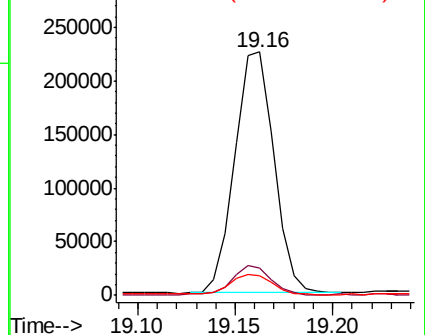
#77
 Fluoranthene
 Concen: 2.532 ng/ul
 RT: 19.16 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BM016965.D
 Acq: 03 Oct 2018 06:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	6.1	9.1#
100	7.9	4.6	7.0#

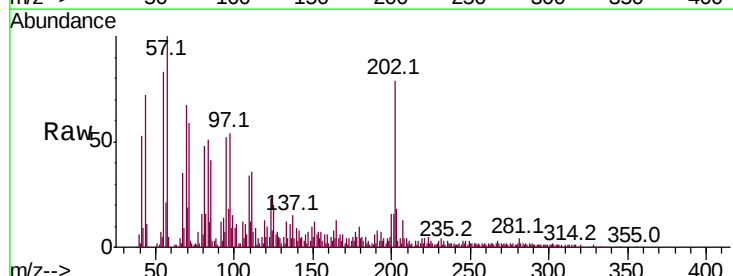


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

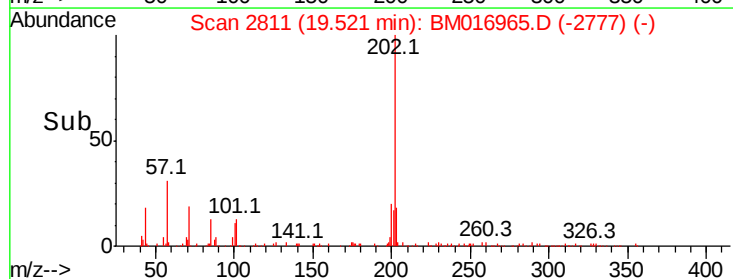
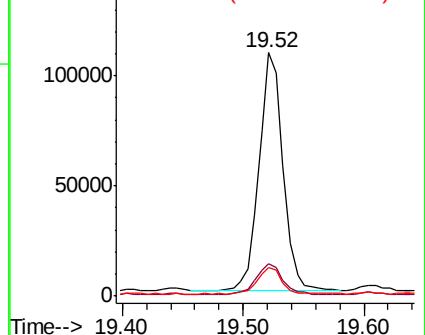


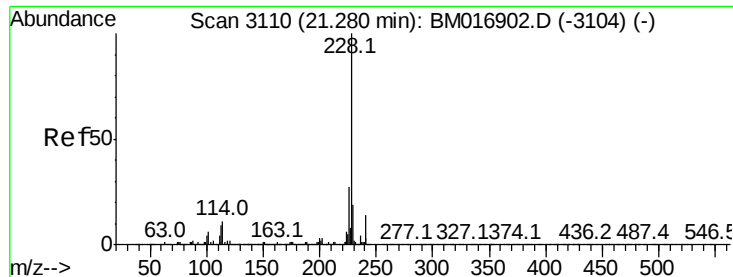
#80
 Pyrene
 Concen: 1.492 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. 0.00 min
 Lab File: BM016965.D
 Acq: 03 Oct 2018 06:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	6.9	10.3#
100	11.8	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

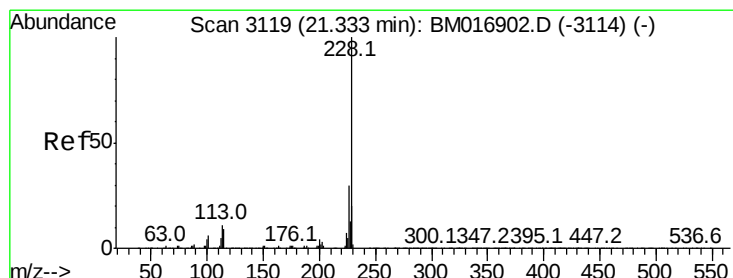
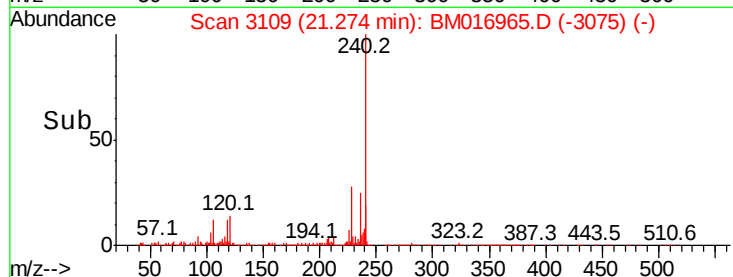
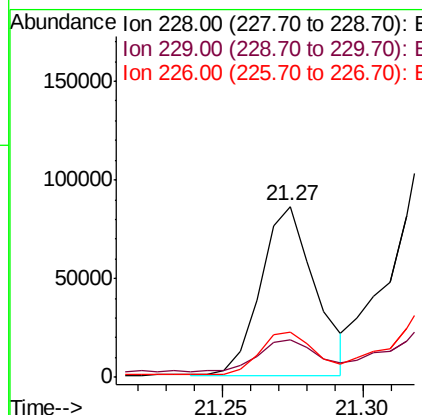
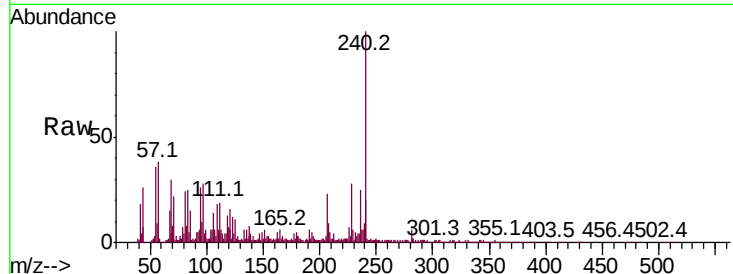




#83
Benzo(a)anthracene
Concen: 1.135 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM016965.D
Acq: 03 Oct 2018 06:19

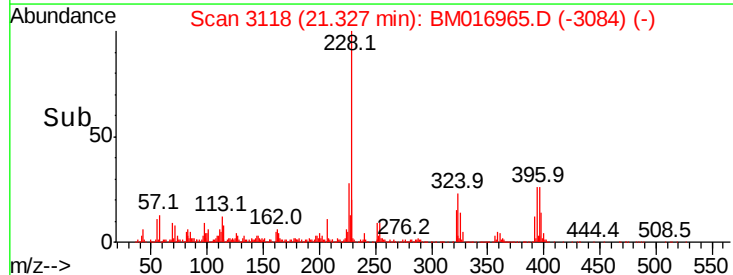
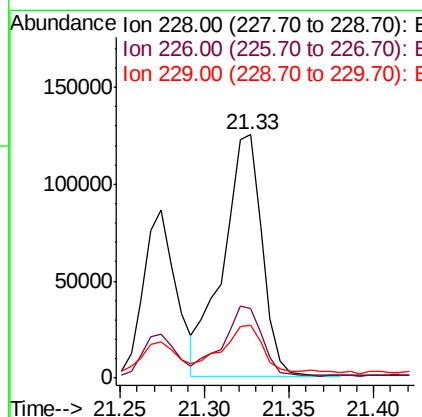
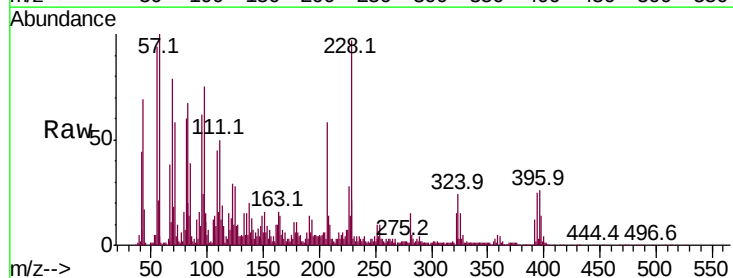
Instrument :
BNA_M
ClientSampleId :

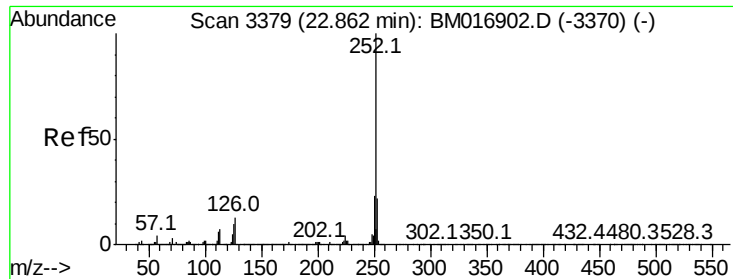
Tot Ion:228 Resp: 114489
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 26.2 21.8 32.8



#85
Chrysene
Concen: 2.111 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM016965.D
Acq: 03 Oct 2018 06:19

Tgt Ion:228 Resp: 198580
Ion Ratio Lower Upper
228 100
226 28.5 24.1 36.1
229 21.6 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 1.918 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM016965.D

Acq: 03 Oct 2018 06:19

Instrument :

BNA_M

ClientSampleId :

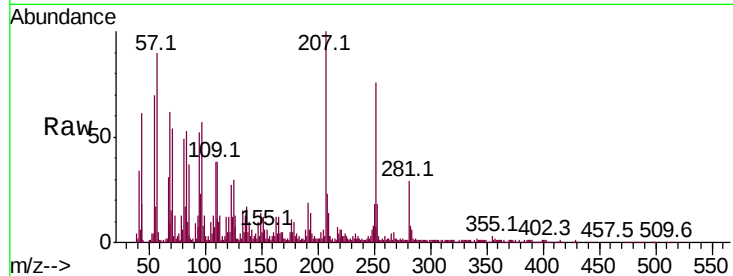
Tot Ion:252 Resp: 207005

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

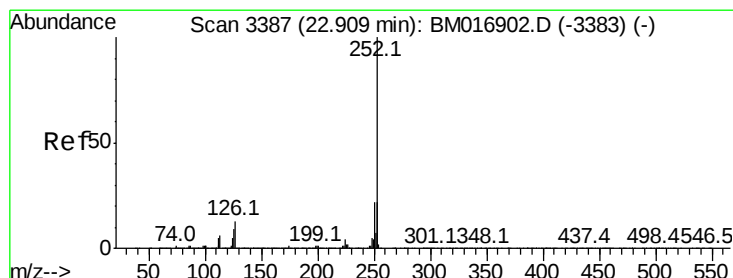
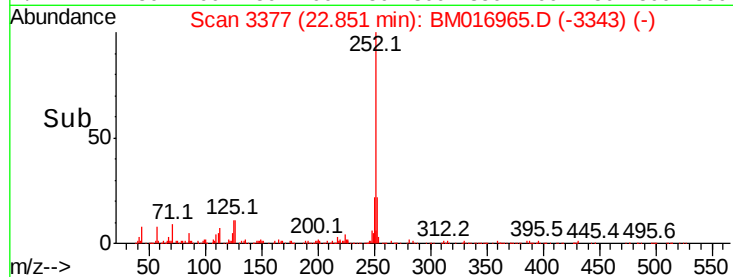
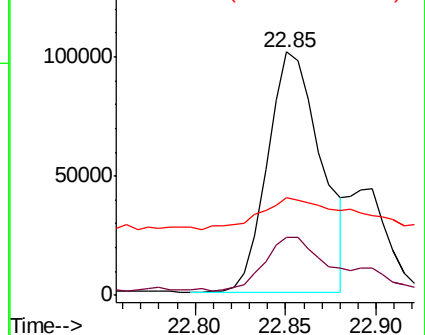
125 39.9 4.9 7.3#



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: 1.998 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.05 min

Lab File: BM016965.D

Acq: 03 Oct 2018 06:19

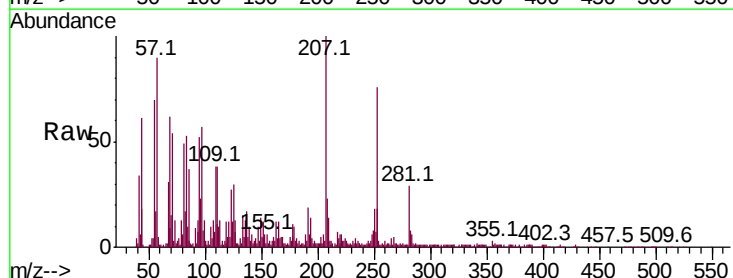
Tgt Ion:252 Resp: 207005

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 39.9 5.4 8.0#



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

