

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016964.D
 Acq On : 03 Oct 2018 05:43
 Operator : MJ/SJ
 Sample : J5126-17
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 07:13:39 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	333349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1462156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	746370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1364721	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1182723	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1294920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	300	0.04	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.04	67	235	0.01	ng/ul	-0.01
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	2465	0.09	ng/ul	-0.14
44) Dimethylphthalate-d6	13.69	166	113	0.00	ng/ul	-0.08
47) Acenaphthylene-d8	14.05	160	117	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	221	0.02	ng/ul	0.00
58) Fluorene-d10	15.34	176	5012	0.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	300	0.05	ng/ul	0.01
71) Anthracene-d10	17.19	188	3464	0.05	ng/ul	0.00
79) Pyrene-d10	19.48	212	1444	0.03	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.52	264	1281667	18.97	ng/ul	0.14

Target Compounds

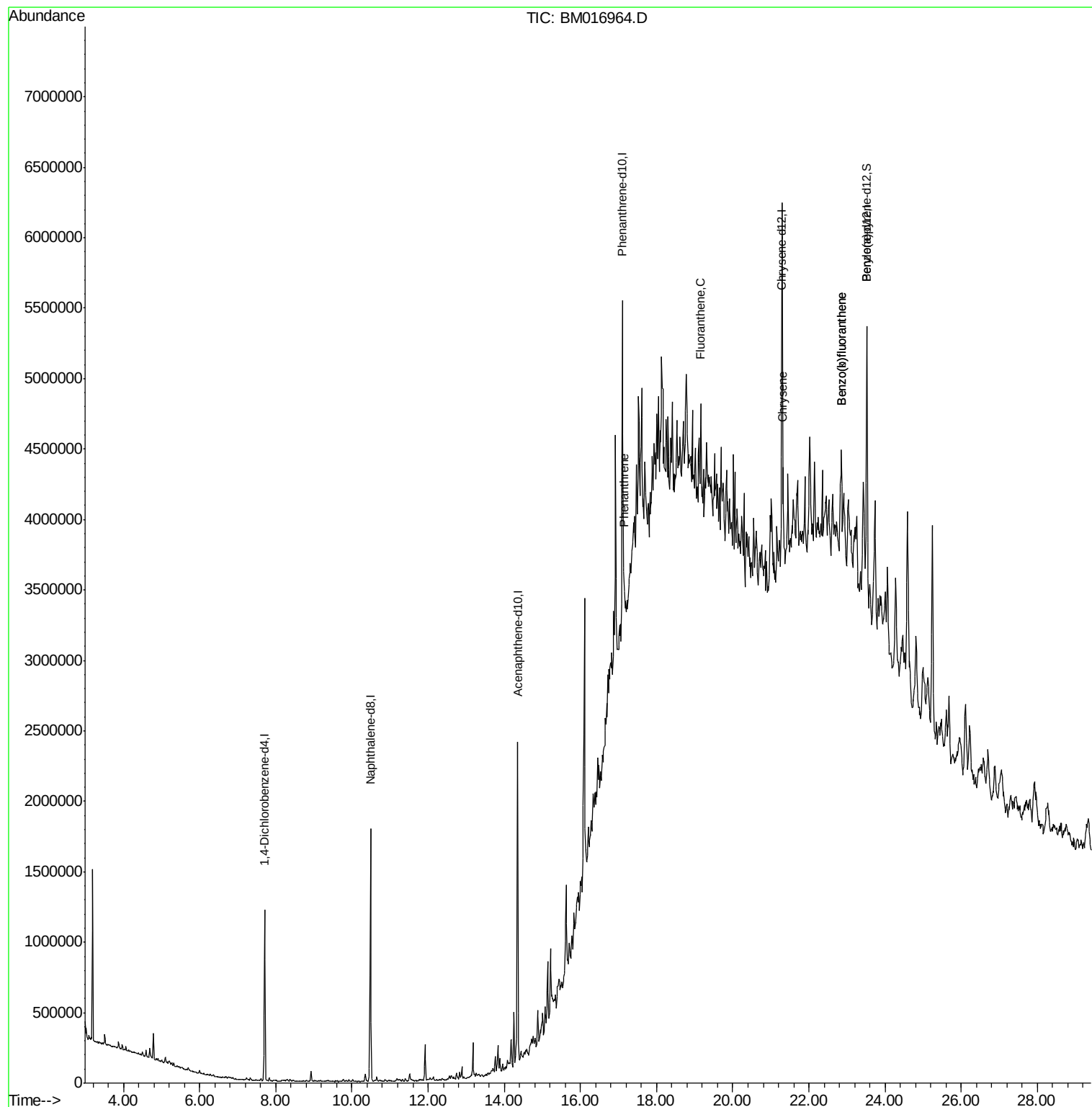
				Ovalue	
70) Phenanthrene	17.14	178	150575	1.986	ng/ul# 83
77) Fluoranthene	19.16	202	306912	3.532	ng/ul# 89
85) Chrysene	21.32	228	153256	2.244	ng/ul# 94
88) Benzo(b)fluoranthene	22.86	252	81067	1.046	ng/ul# 15
89) Benzo(k)fluoranthene	22.86	252	81067	1.089	ng/ul# 11

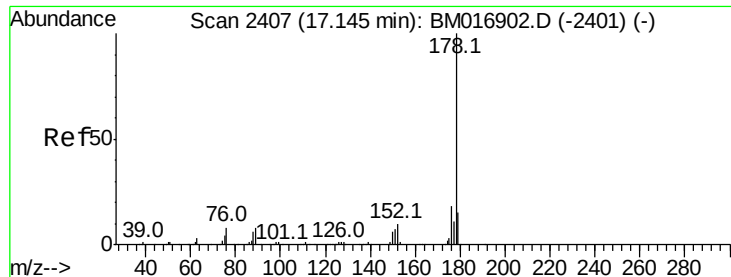
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.986 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

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Acq: 03 Oct 2018 05:43

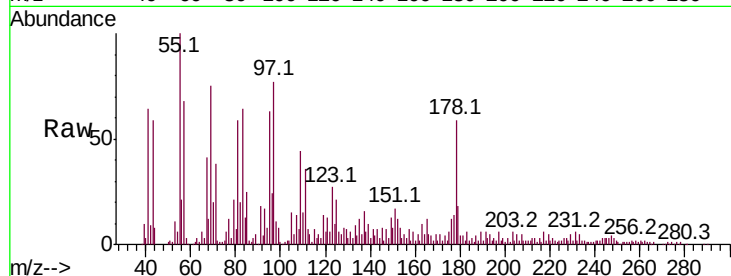
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 150575

Ion	Ratio	Lower	Upper
178	100		
179	30.6	12.3	18.5#
176	19.8	15.4	23.0

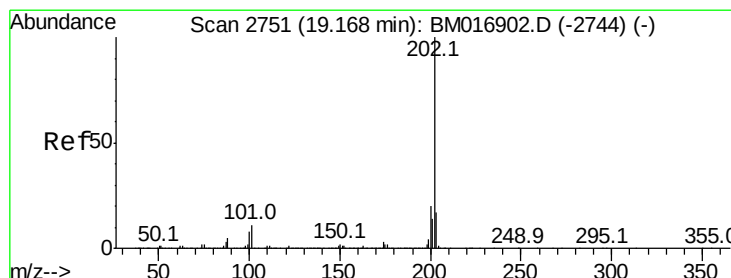
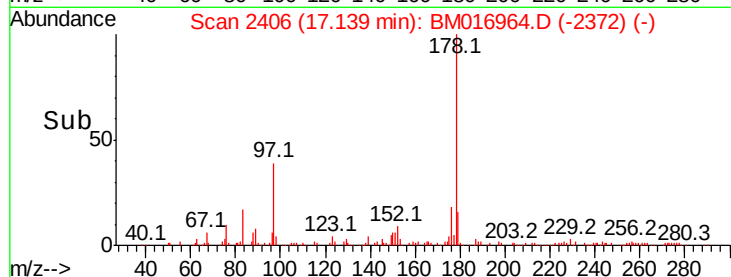
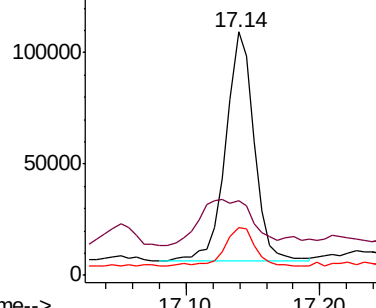


Abundance

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: 3.532 ng/ul

RT: 19.16 min Scan# 2750

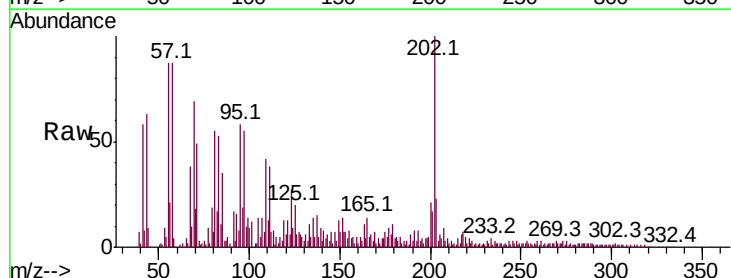
Delta R.T. 0.00 min

Lab File: BM016964.D

Acq: 03 Oct 2018 05:43

Tgt Ion:202 Resp: 306912

Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.1	9.1#
100	9.2	4.6	7.0#

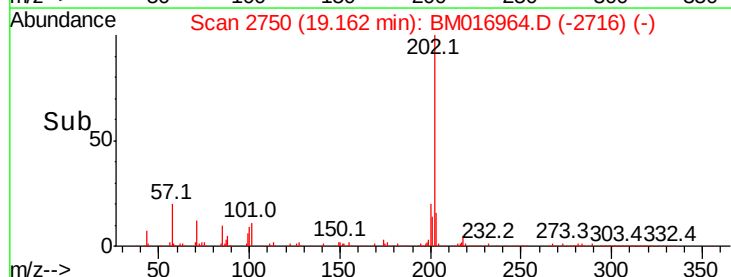
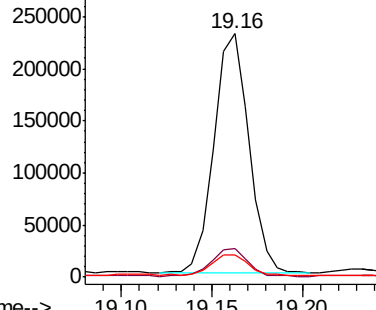


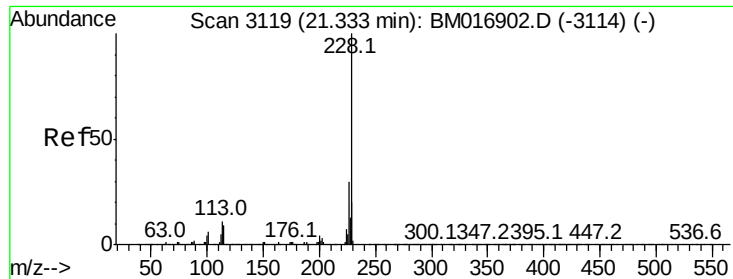
Abundance

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

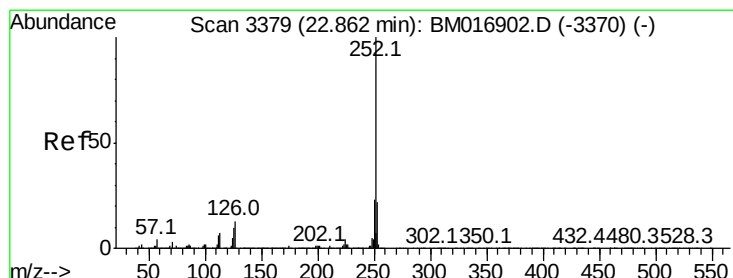
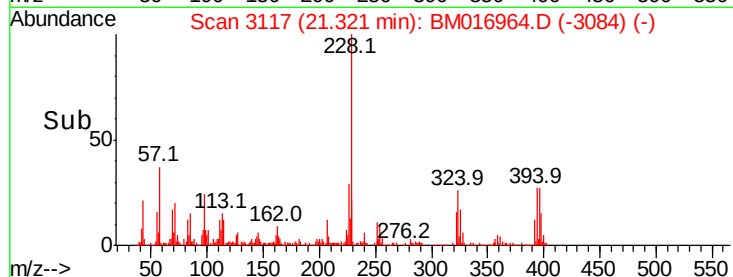
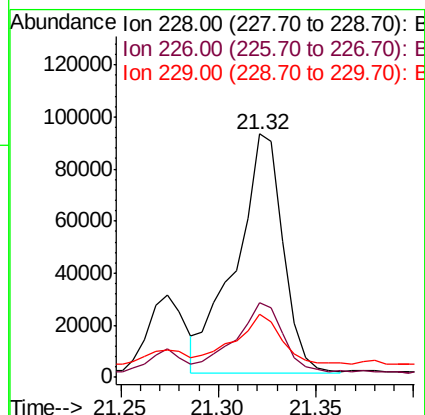
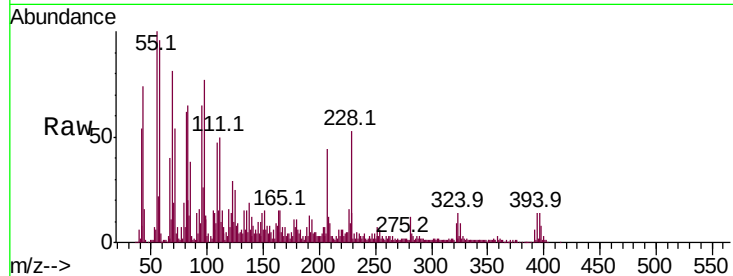




#85
Chrysene
Concen: 2.244 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM016964.D
Acq: 03 Oct 2018 05:43

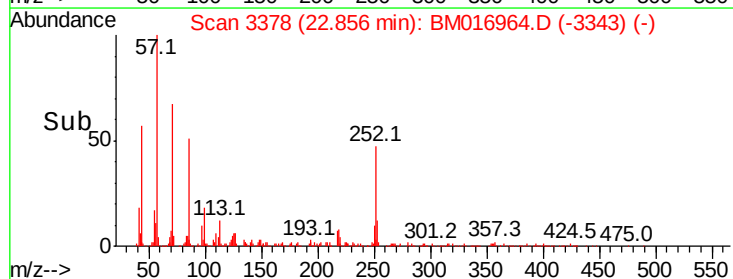
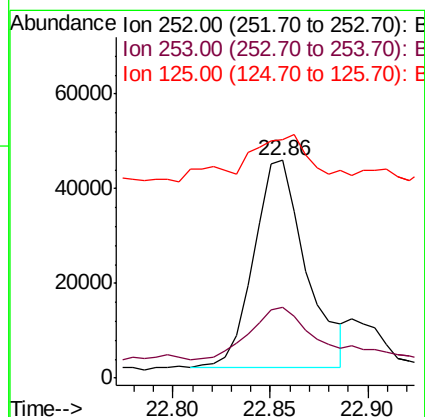
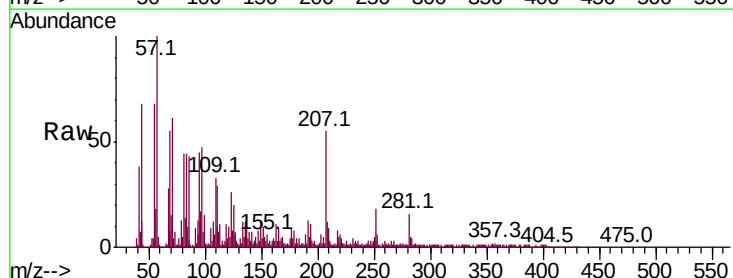
Instrument :
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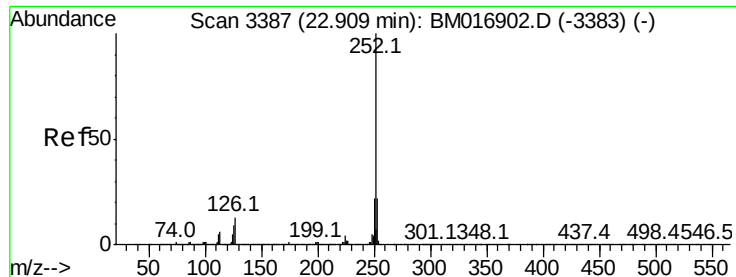
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	25.8	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 1.046 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BM016964.D
Acq: 03 Oct 2018 05:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.4	26.0
125	109.3	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 1.089 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BM016964.D

Acq: 03 Oct 2018 05:43

Instrument :

BNA_M

ClientSampleId :

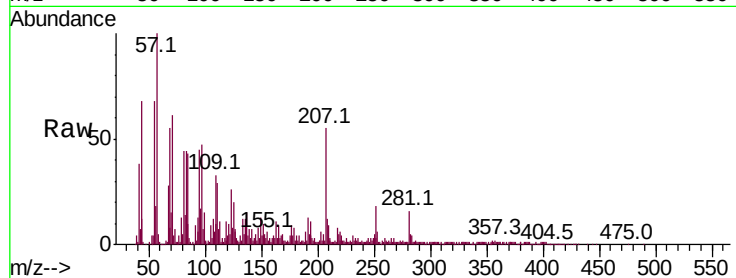
Tot Ion:252 Resp: 81067

Ion Ratio Lower Upper

252 100

253 32.6 17.1 25.7#

125 109.3 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

