

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024817.D
 Acq On : 10 Feb 2020 20:29
 Operator : CG/JU
 Sample : L1402-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6L8

Quant Time: Feb 11 03:47:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	257799	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1026896	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	672704	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1462890	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1421044	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1469793	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	18726	3.49	ng/uL	0.00
5) Phenol-d5	6.60	99	340178	19.86	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	209993	21.71	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	318821	20.78	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	278544	19.28	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	155478	20.94	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	180239	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	339780	19.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	395494	23.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1089314	21.45	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1271672	21.44	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	125838	15.25	ng/ul	0.00
58) Fluorene-d10	15.06	176	946551	21.05	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	150594	15.79	ng/ul	0.00
71) Anthracene-d10	16.91	188	1365591	20.45	ng/ul	0.00
79) Pyrene-d10	19.22	212	1644715	23.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1684503	22.82	ng/ul	-0.01

Target Compounds

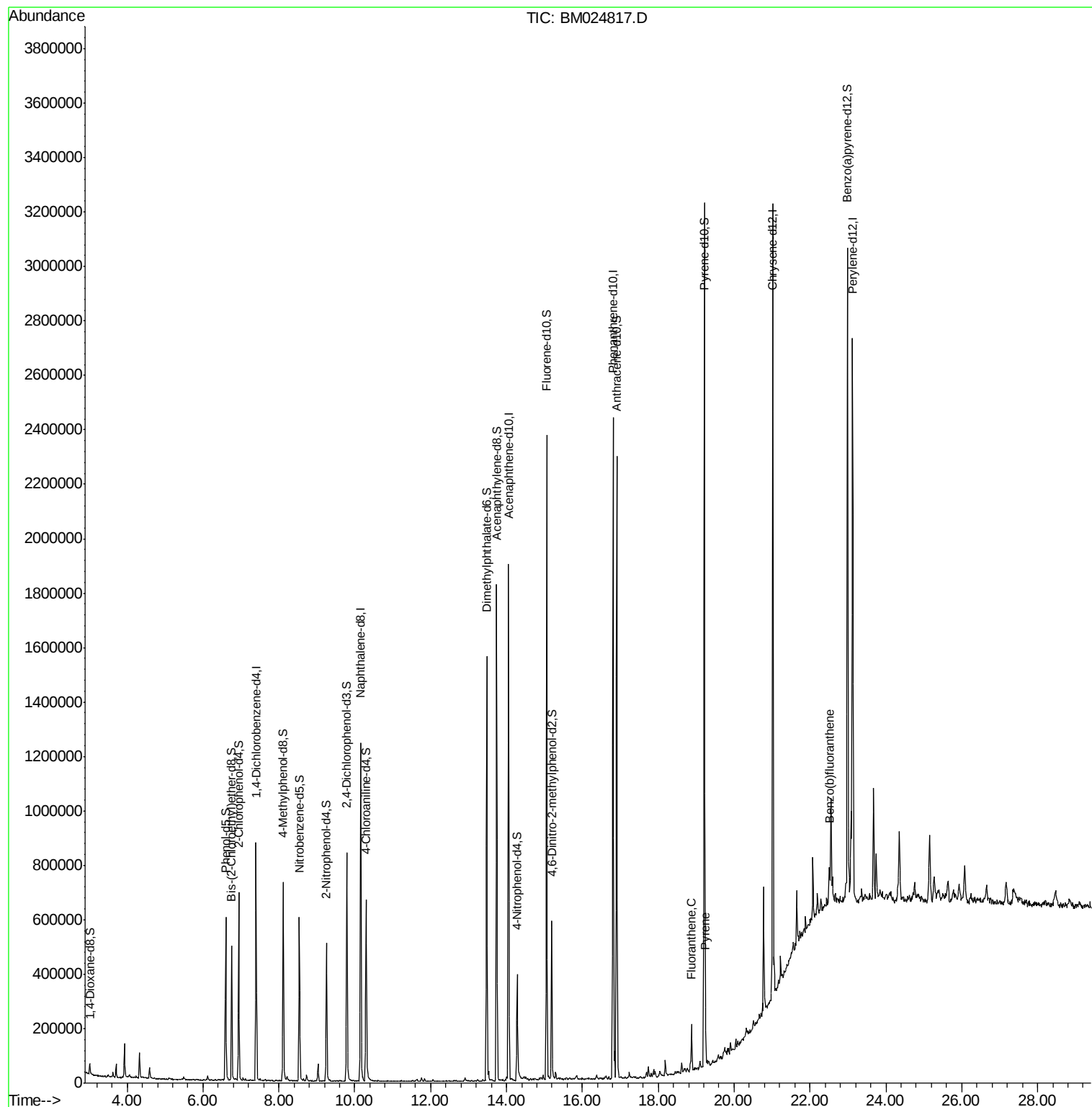
				Ovalue	
77) Fluoranthene	18.88	202	105986	1.082	ng/ul 98
80) Pyrene	19.24	202	128407	1.365	ng/ul# 96
88) Benzo(b)fluoranthene	22.51	252	100847	1.079	ng/ul# 94

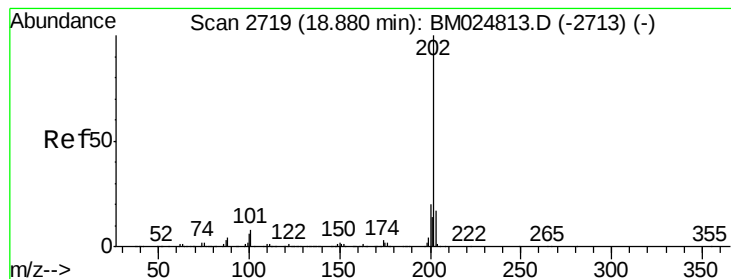
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Fluoranthene

Concen: 1.082 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

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CB6L8

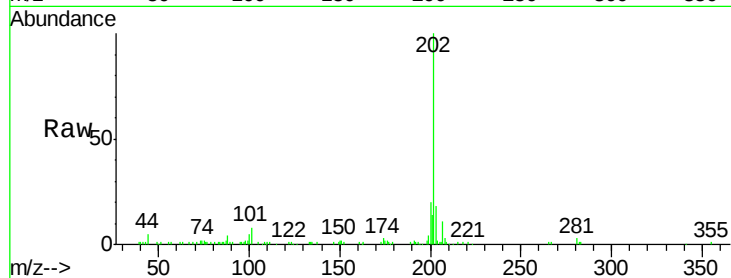
Tot Ion:202 Resp: 105986

Ion Ratio Lower Upper

202 100

101 7.6 6.1 9.1

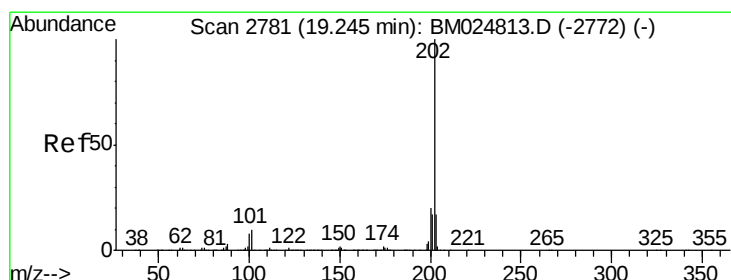
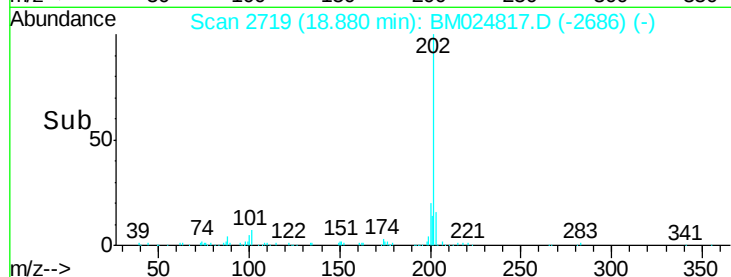
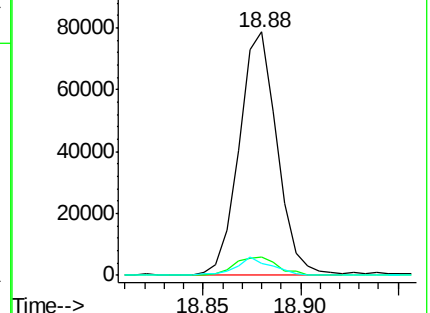
100 4.8 4.8 7.2



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: 1.365 ng/ul

RT: 19.24 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BM024817.D

Acq: 10 Feb 2020 20:29

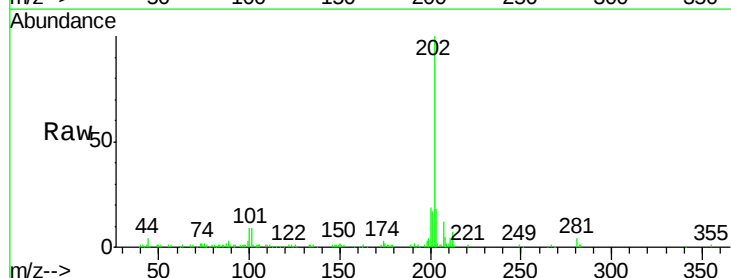
Tgt Ion:202 Resp: 128407

Ion Ratio Lower Upper

202 100

101 9.6 7.0 10.4

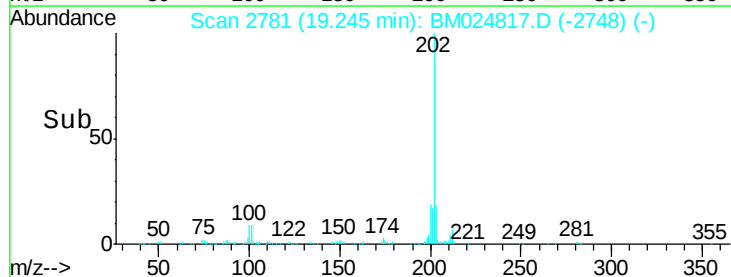
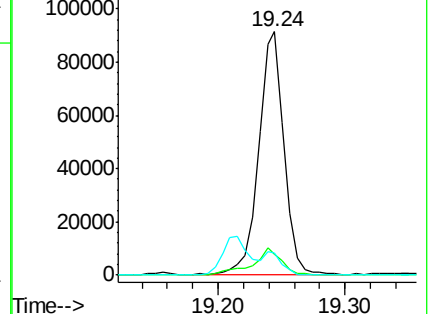
100 9.3 5.8 8.8#

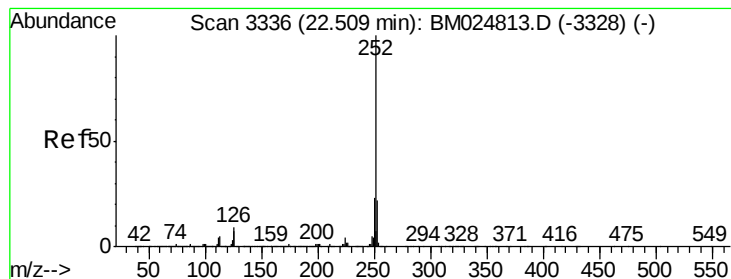


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#88

Benzo(b)fluoranthene

Concen: 1.079 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

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BNA_M

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CB6L8

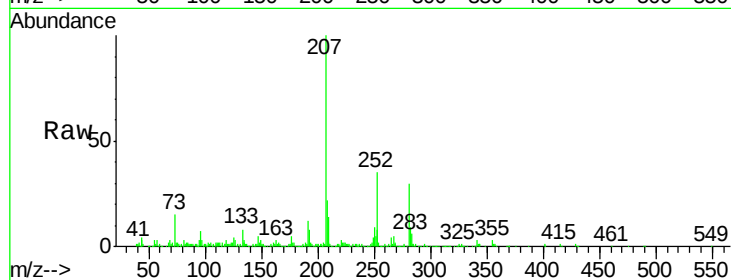
Tot Ion:252 Resp: 100847

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 11.9 5.1 7.7#



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

