

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM011988.D
 Acq On : 08 Oct 2017 21:59
 Operator : SJ/JU
 Sample : I5722-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 01:47:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 01:39:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	111916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	520527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	339646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	858260	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1204732	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1484551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	18506	7.82	ng/uL	0.00
5) Phenol-d5	7.01	99	106962	11.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	216016	37.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	255278	33.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	205130	24.64	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	146088	39.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	173259	41.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	316074	37.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	69860	7.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1214223	41.25	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1400833	40.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	37448	7.28	ng/ul	0.00
57) Fluorene-d10	15.49	176	992600	38.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	200930	34.79	ng/ul	0.00
70) Anthracene-d10	17.34	188	1681590	39.76	ng/ul	0.00
76) Pyrene-d10	19.63	212	2187653	40.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2805386	39.28	ng/ul	0.00

Target Compounds

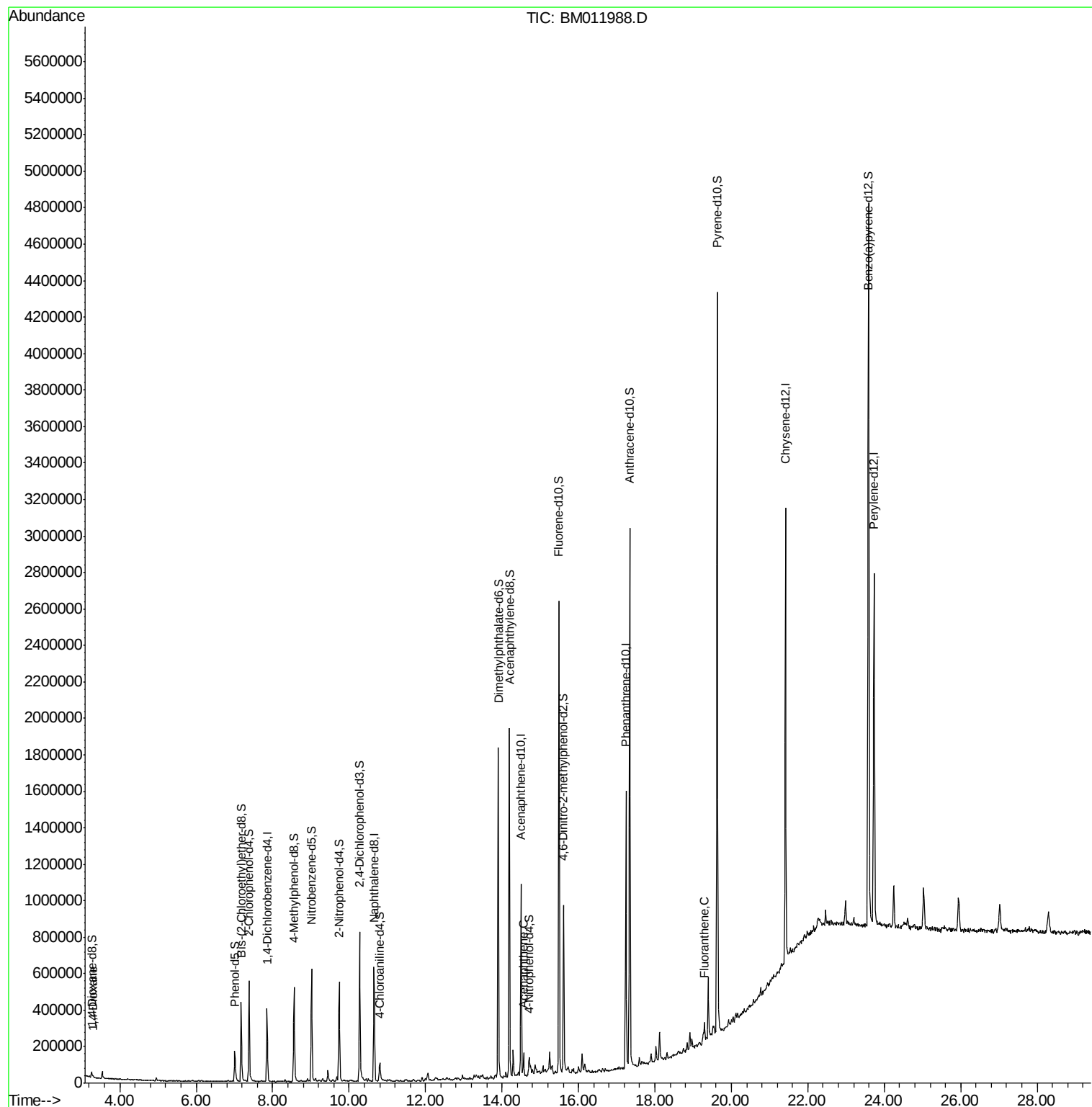
				Ovalue	
2) 1,4-Dioxane	3.29	88	3767	1.567	ng/uL# 71
49) Acenaphthene	14.56	153	49578	2.136	ng/ul 97
74) Fluoranthene	19.30	202	57977	1.007	ng/ul# 89

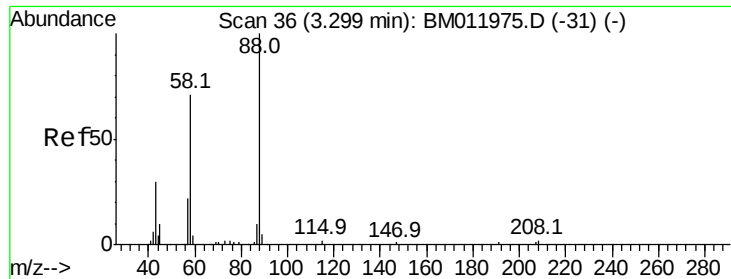
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.567 ng/uL

RT: 3.29 min Scan# 35

Delta R.T. -0.01 min

Lab File: BM011988.D

Acq: 08 Oct 2017 21:59

Instrument :

BNA_M

ClientSampleId :

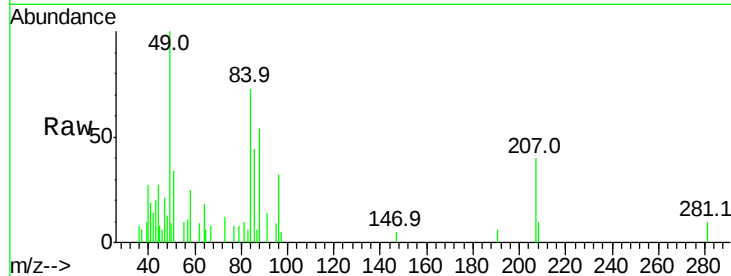
Tot Ion: 88 Resp: 3767

Ion Ratio Lower Upper

88 100

43 39.8 48.0 72.0#

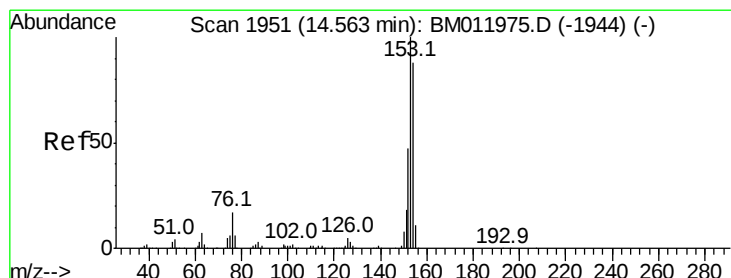
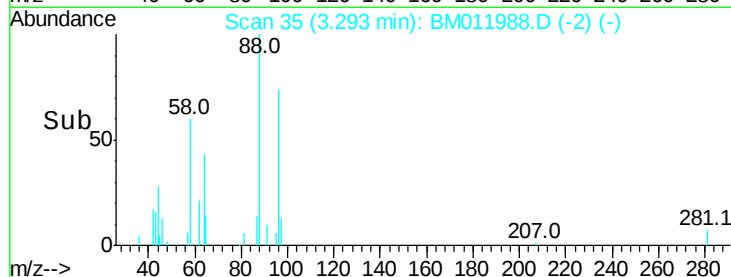
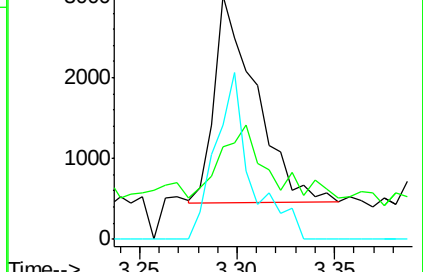
58 69.5 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM011975.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BM011975.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BM011975.D (-31) (-)



#49

Acenaphthene

Concen: 2.136 ng/uL

RT: 14.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BM011988.D

Acq: 08 Oct 2017 21:59

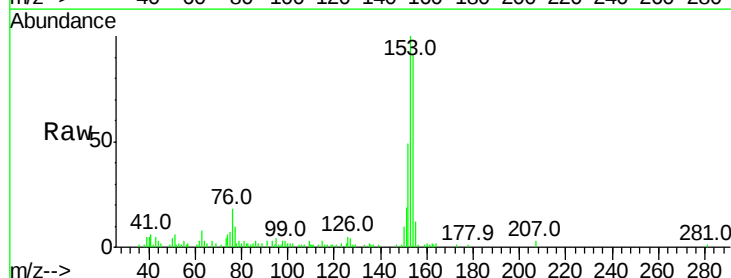
Tgt Ion: 153 Resp: 49578

Ion Ratio Lower Upper

153 100

152 48.6 37.6 56.4

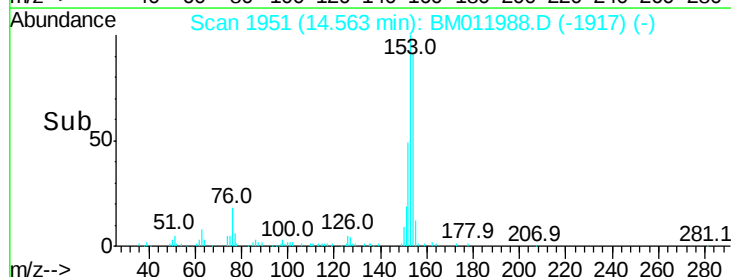
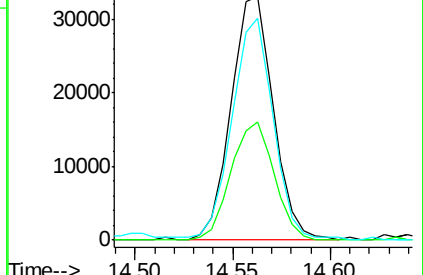
154 91.4 70.4 105.6

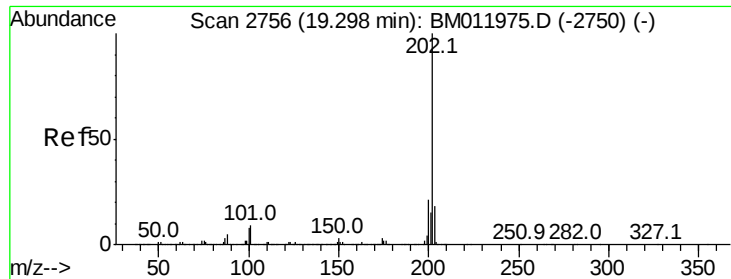


Abundance Ion 153.00 (152.70 to 153.70): BM011975.D (-1944) (-)

Ion 152.00 (151.70 to 152.70): BM011975.D (-1944) (-)

Ion 154.00 (153.70 to 154.70): BM011975.D (-1944) (-)





#74

Fluoranthene

Concen: 1.007 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM011988.D

Acq: 08 Oct 2017 21:59

Instrument :

BNA_M

ClientSampleId :

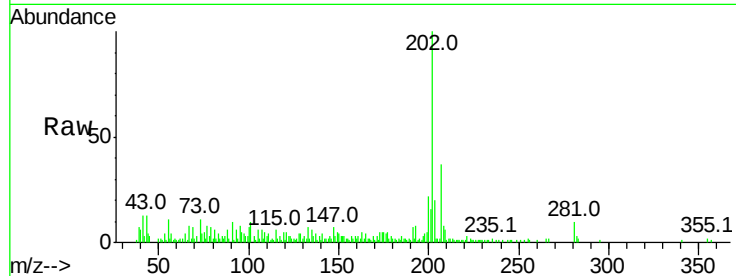
Tot Ion:202 Resp: 57977

Ion Ratio Lower Upper

202 100

101 10.0 4.6 7.0#

100 7.3 3.4 5.2#



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

