

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028943.D
 Acq On : 27 Feb 2021 06:17
 Operator : CG/JU
 Sample : M1498-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8G2

Quant Time: Feb 28 23:40:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 15:22:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	16912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	68404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	38896	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	74502	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	65933	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	64716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1759	4.68	ng/uL	0.00
5) Phenol-d5	6.96	99	10207	8.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	24187	34.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	31776	29.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	19693	20.03	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	17355	35.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	20032	36.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	34395	33.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	41242	35.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	101196	37.85	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	126497	35.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	2986	6.42	ng/ul	0.01
58) Fluorene-d10	15.43	176	83134	35.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	9845	22.16	ng/ul	0.00
71) Anthracene-d10	17.27	188	124756	36.84	ng/ul	0.00
79) Pyrene-d10	19.56	212	126476	39.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	121803	37.05	ng/ul	0.00

Target Compounds

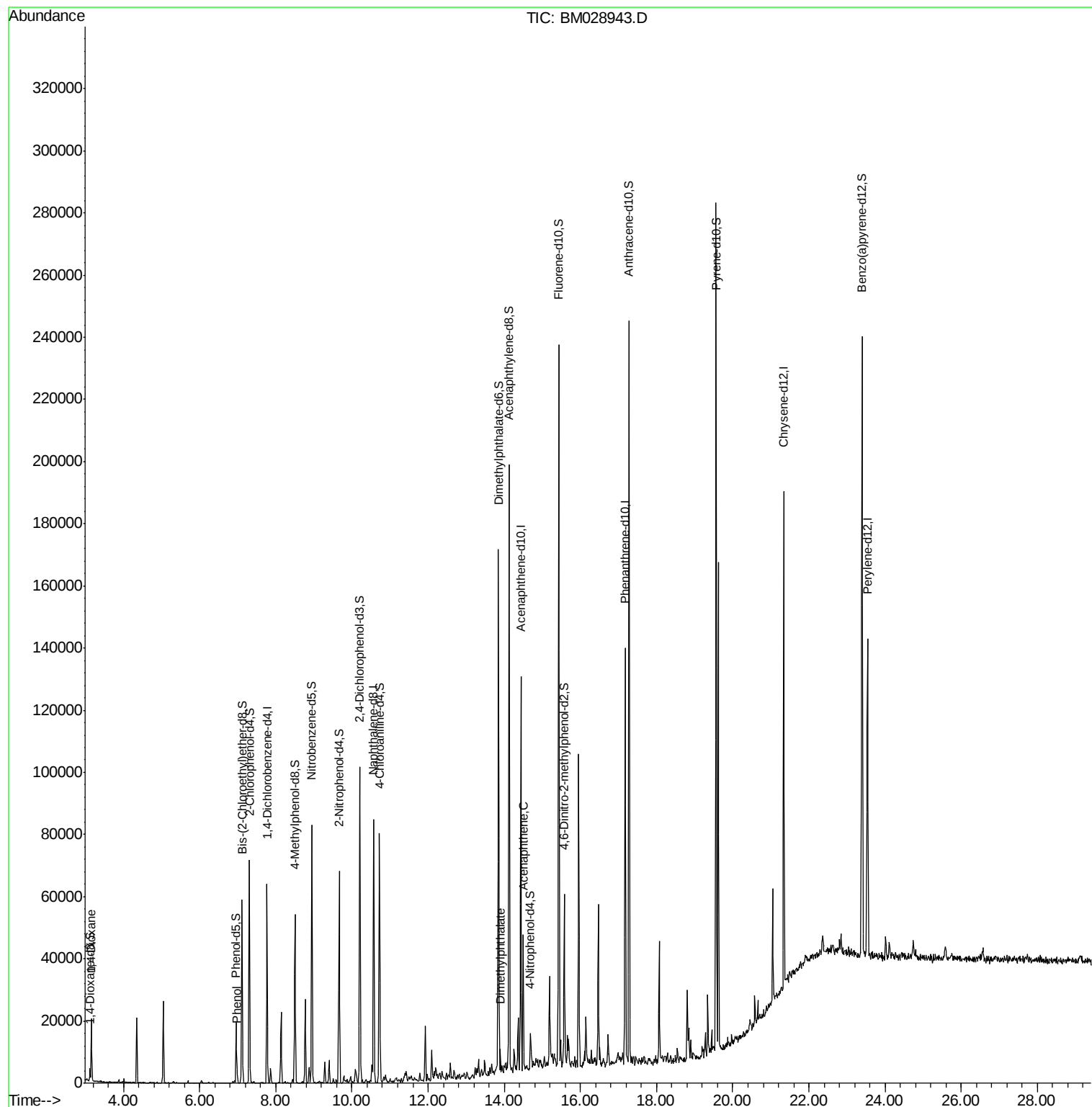
					Ovalue
2) 1,4-Dioxane	3.15	88	8457	22.341	ng/uL 97
6) Phenol	6.99	94	2359	1.860	ng/ul 92
45) Dimethylphthalate	13.90	163	4771	1.711	ng/ul# 96
50) Acenaphthene	14.50	153	15959	6.477	ng/ul 97

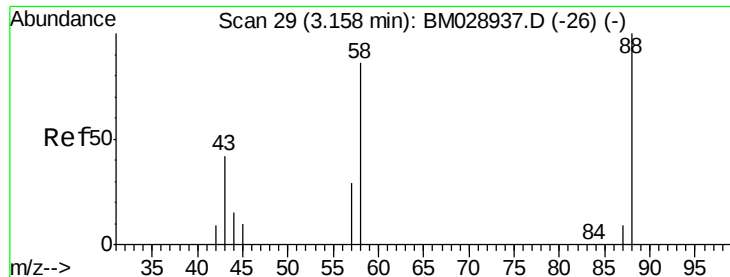
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 22.341 ng/uL

RT: 3.15 min Scan# 28

Delta R.T. -0.01 min

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Acq: 27 Feb 2021 06:17

Instrument :

BNA_M

ClientSampleId :

CB8G2

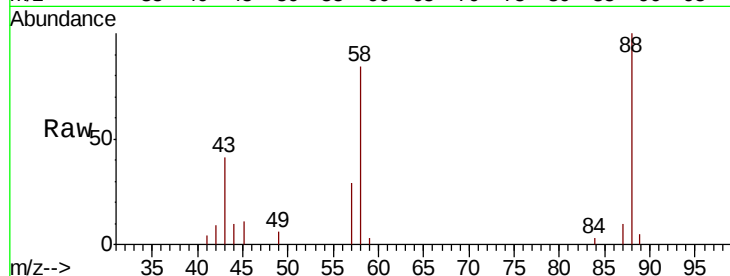
Tot Ion: 88 Resp: 8457

Ion Ratio Lower Upper

88 100

43 41.1 31.5 47.3

58 84.4 64.9 97.3

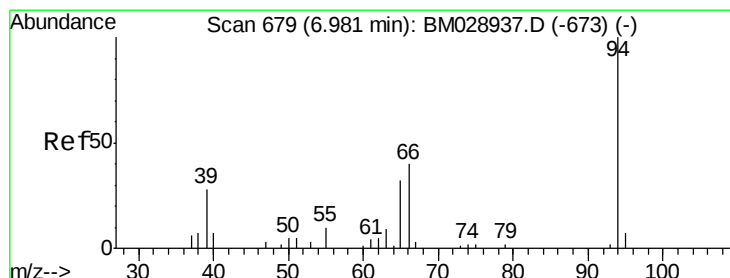
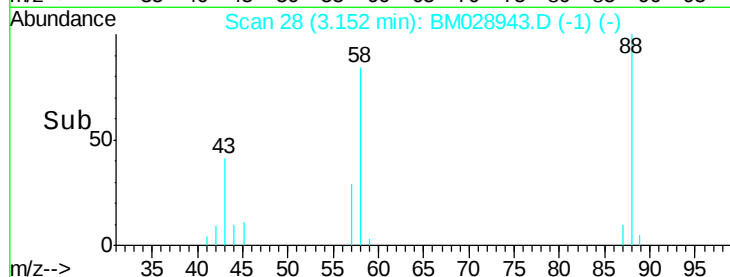
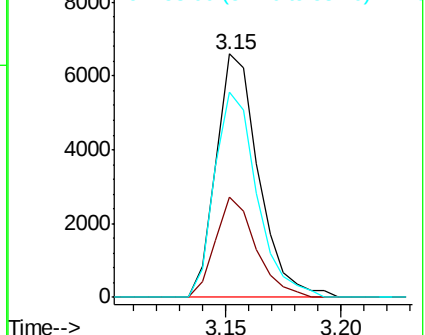


Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0



#6

Phenol

Concen: 1.860 ng/uL

RT: 6.99 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM028943.D

Acq: 27 Feb 2021 06:17

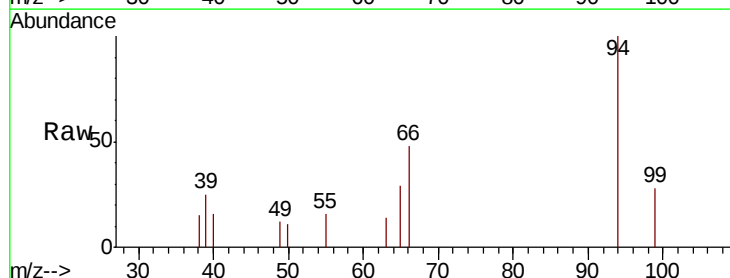
Tgt Ion: 94 Resp: 2359

Ion Ratio Lower Upper

94 100

65 29.2 27.1 40.7

66 48.1 34.6 51.8

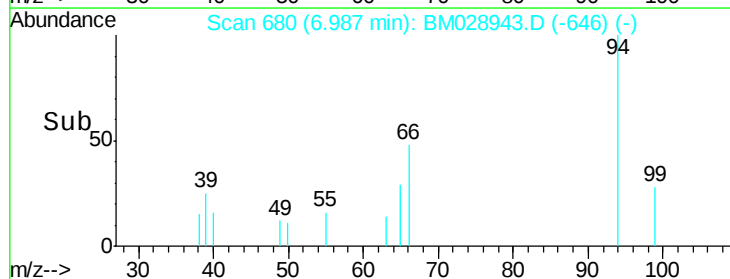
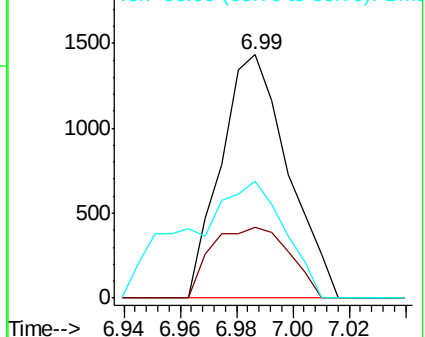


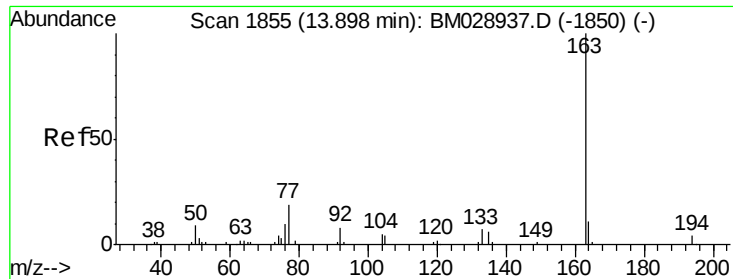
Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0





#45

Dimethylphthalate

Concen: 1.711 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

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Acq: 27 Feb 2021 06:17

Instrument :

BNA_M

ClientSampleId :

CB8G2

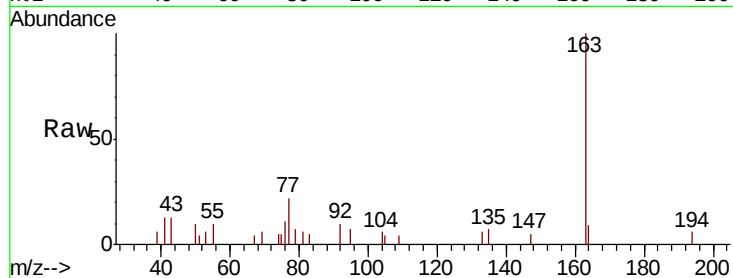
Tot Ion:163 Resp: 4771

Ion Ratio Lower Upper

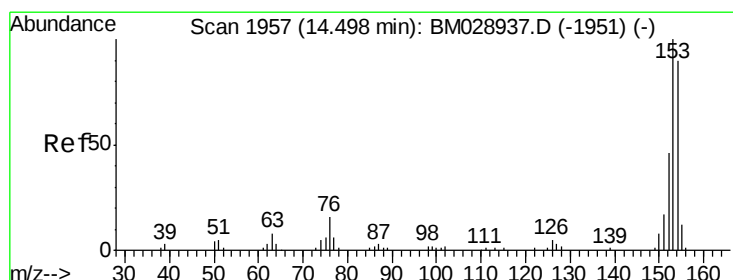
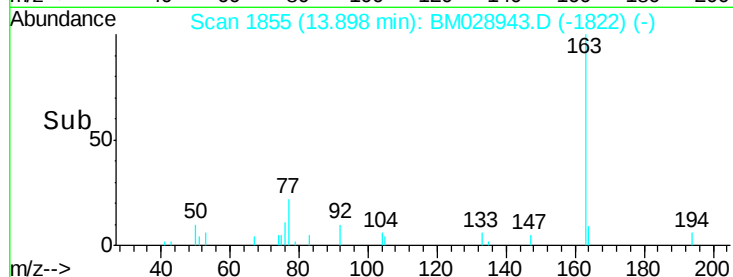
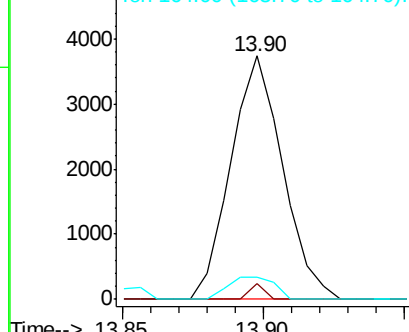
163 100

194 6.3 3.3 4.9#

164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 6.477 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM028943.D

Acq: 27 Feb 2021 06:17

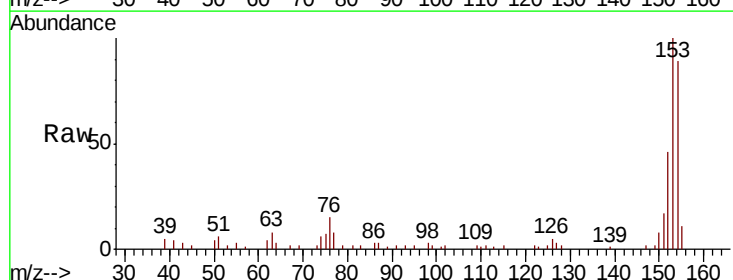
Tgt Ion:153 Resp: 15959

Ion Ratio Lower Upper

153 100

152 45.5 37.6 56.4

154 89.3 73.6 110.4



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

