

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
 Data File : BM003892.D
 Acq On : 30 Dec 2015 22:29
 Operator : SJ/UM
 Sample : G4868-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E43N2

Quant Time: Dec 30 23:38:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 22:56:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	49496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	217871	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	118729	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	237340	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	218802	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	213719	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1878	1.70	ng/uL	0.00
5) Phenol-d5	6.85	99	40291	9.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	73218	31.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	92722	27.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	70359	21.13	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	51323	31.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	57155	31.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	101030	31.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	8804	2.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	330731	35.48	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	397900	35.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	13171	7.87	ng/ul	0.00
58) Fluorene-d10	15.32	176	279575	35.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	42368	31.66	ng/ul	0.00
71) Anthracene-d10	17.17	188	407847	37.15	ng/ul	0.00
79) Pyrene-d10	19.48	212	410850	36.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	398276	37.31	ng/ul	0.00

Target Compounds

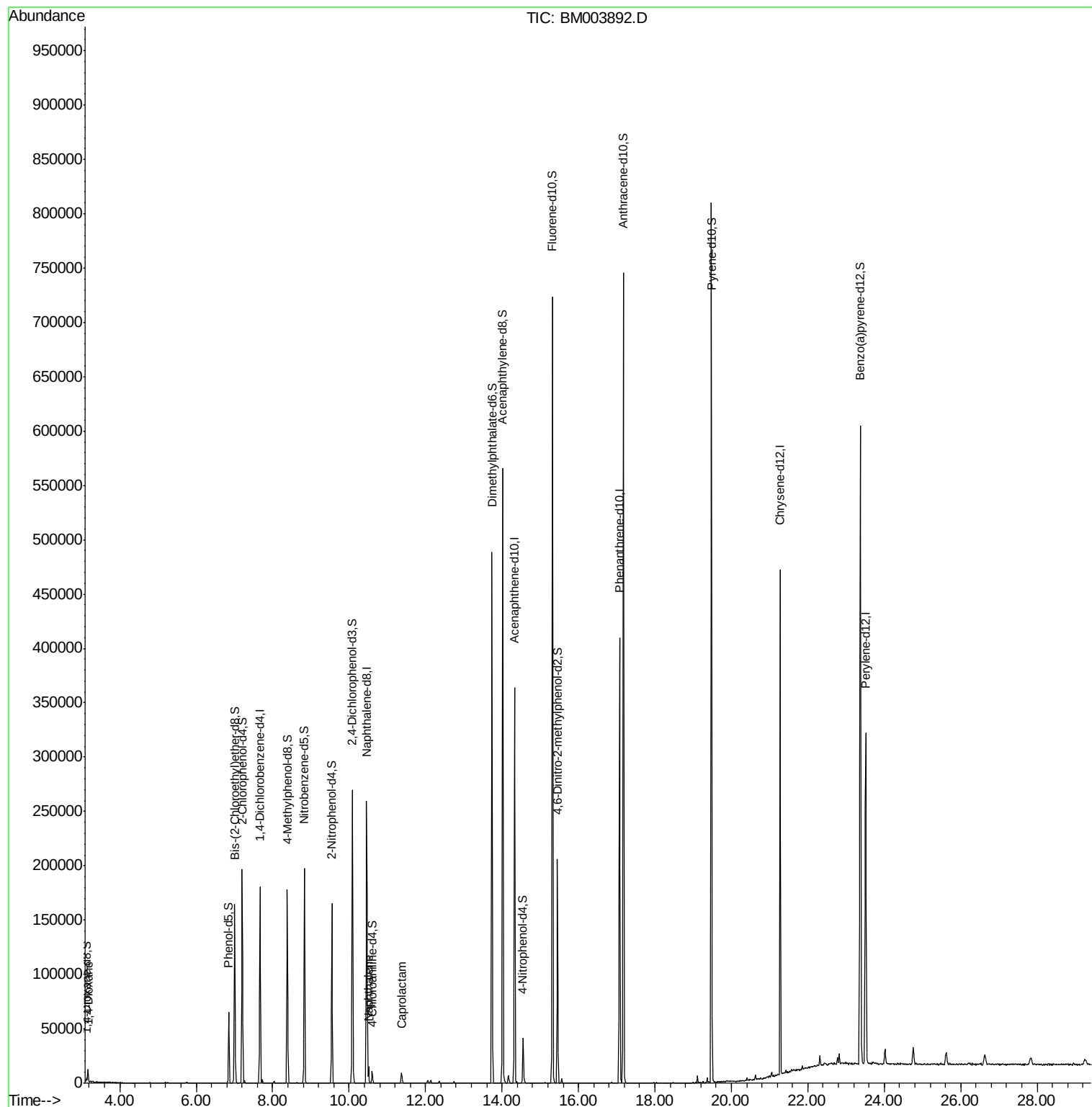
						Ovalue
2) 1,4-Dioxane	3.17	88	5758	4.49	ng/uL	97
28) Naphthalene	10.51	128	15140	1.33	ng/ul	98
32) Caprolactam	11.37	113	2513	2.38	ng/ul	96

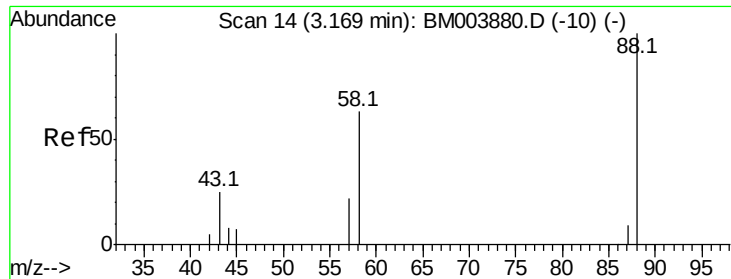
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.49 ng/uL

RT: 3.17 min Scan# 14

Delta R.T. -0.00 min

Lab File: BM003892.D

Acq: 30 Dec 2015 22:29

Instrument :

BNA_M

ClientSampleId :

E43N2

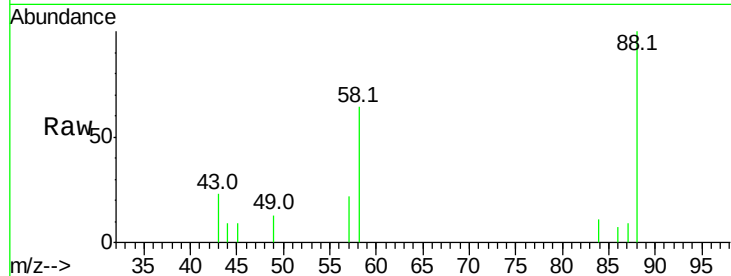
Tot Ion: 88 Resp: 5758

Ion Ratio Lower Upper

88 100

43 23.3 21.0 31.6

58 60.9 47.8 71.8



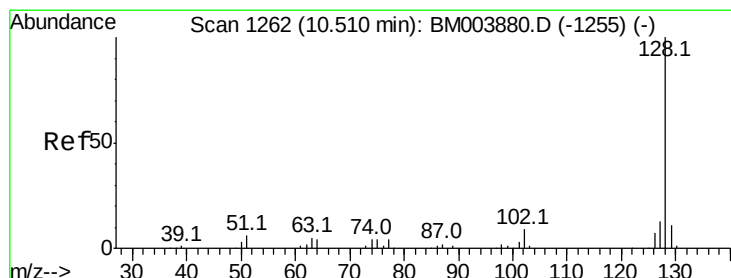
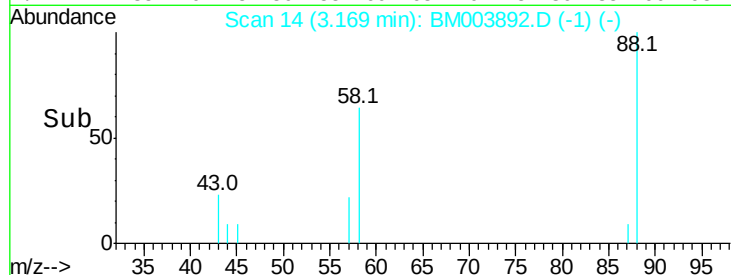
Abundance Ion 88.00 (87.70 to 88.70): BM003880.D (-10) (-)

Ion 43.00 (42.70 to 43.70): BM003880.D (-10) (-)

Ion 58.00 (57.70 to 58.70): BM003880.D (-10) (-)

3.17

Time--> 3.12 3.14 3.16 3.18 3.20



#28

Naphthalene

Concen: 1.33 ng/uL

RT: 10.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BM003892.D

Acq: 30 Dec 2015 22:29

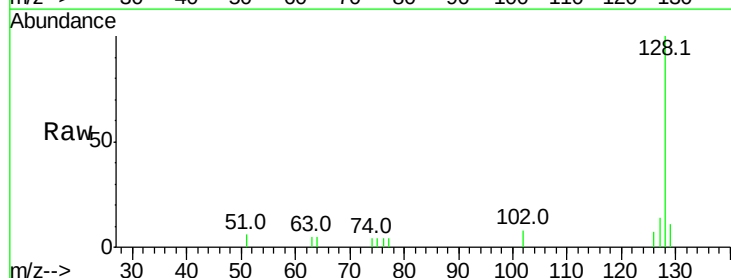
Tgt Ion: 128 Resp: 15140

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 14.3 10.5 15.7



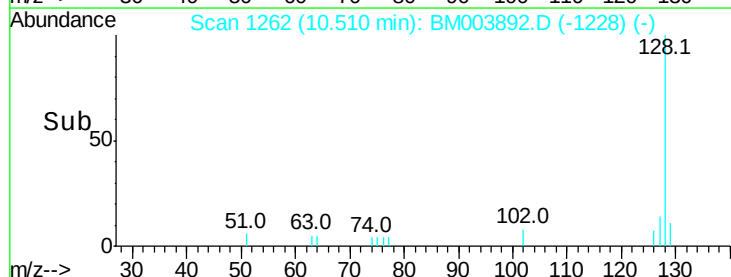
Abundance Ion 128.00 (127.70 to 128.70): BM003880.D (-1255) (-)

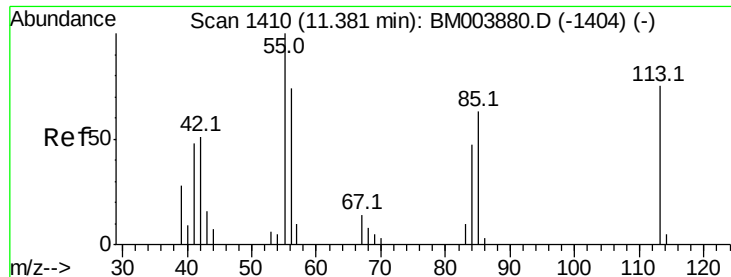
Ion 129.00 (128.70 to 129.70): BM003880.D (-1255) (-)

Ion 127.00 (126.70 to 127.70): BM003880.D (-1255) (-)

10.51

Time--> 10.45 10.50 10.55





#32

Caprolactam

Concen: 2.38 ng/ul

RT: 11.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BM003892.D

Acq: 30 Dec 2015 22:29

Instrument :

BNA_M

ClientSampleId :

E43N2

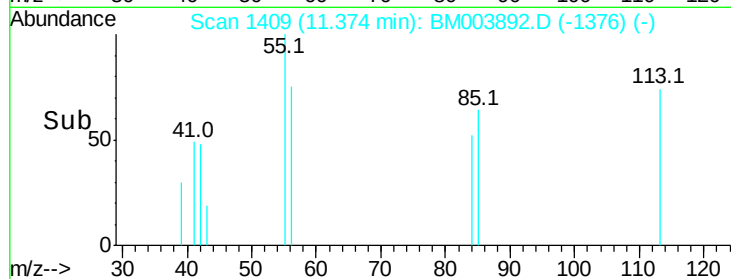
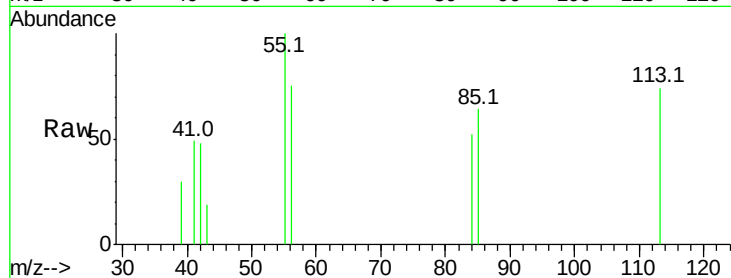
Tot Ion:113 Resp: 2513

Ion Ratio Lower Upper

113 100

55 135.2 101.9 152.9

56 101.0 81.2 121.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

