

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002403.D
 Acq On : 18 Aug 2018 05:43
 Operator : JU/SJ
 Sample : J4491-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 18 06:42:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 18 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	159008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	770342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	481893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1121669	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1240193	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1354659	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24652	7.32	ng/uL	0.00
5) Phenol-d5	6.85	99	144512	9.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	343274	37.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	347988	31.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	261170	22.41	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	234005	38.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	255989	39.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	405345	34.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	391	0.03	ng/ul	0.05
43) Dimethylphthalate-d6	13.72	166	1590069	39.80	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1966665	40.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	55118	7.30	ng/ul	0.00
57) Fluorene-d10	15.30	176	1370849	39.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	234151	32.79	ng/ul	0.00
70) Anthracene-d10	17.15	188	2136952	39.88	ng/ul	0.00
78) Pyrene-d10	19.45	212	2413372	40.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	2674643	37.76	ng/ul	0.00

Target Compounds

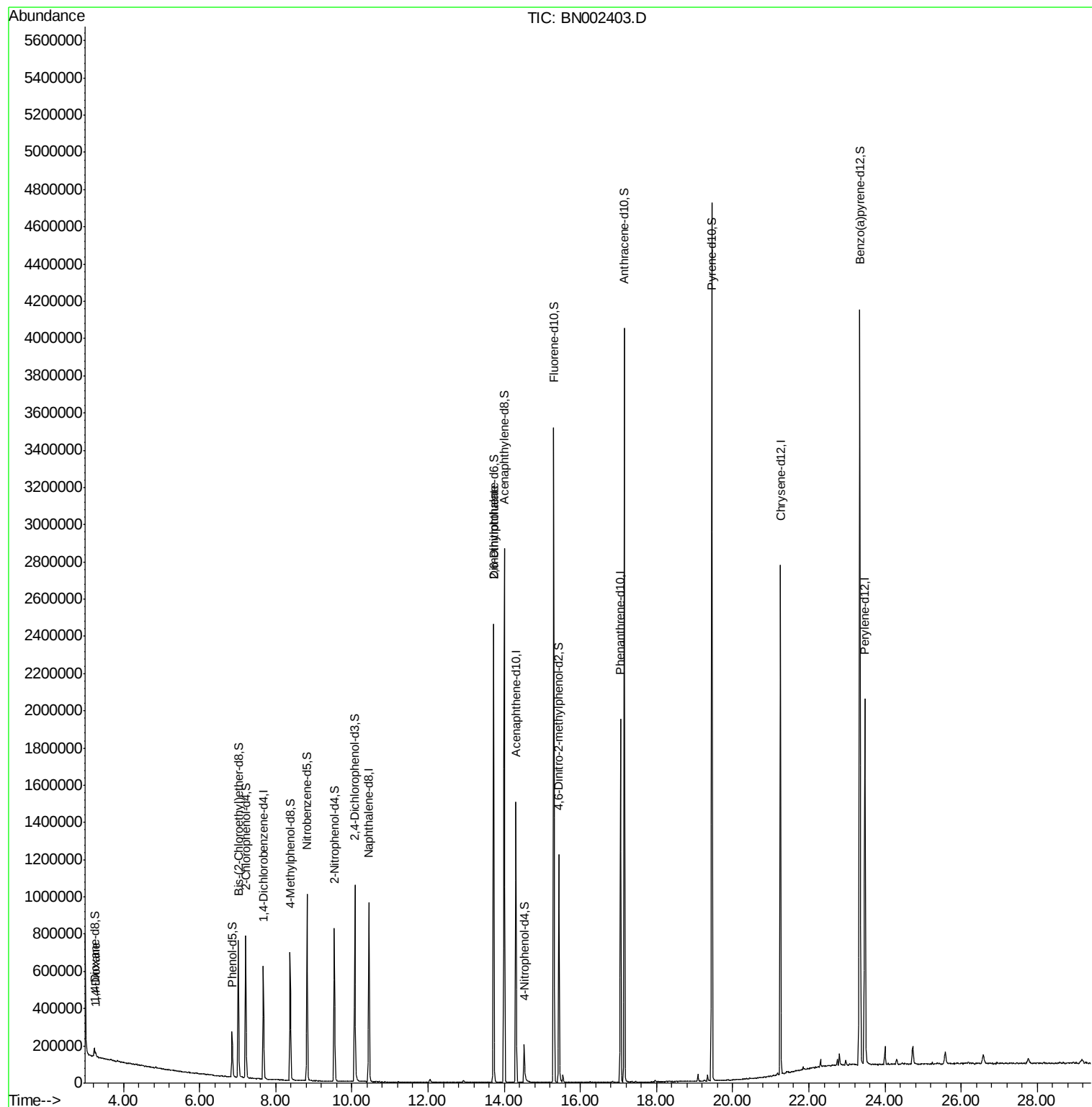
				Ovalue	
2) 1,4-Dioxane	3.27	88	12859	3.568	ng/uL 88
45) 2,6-Dinitrotoluene	13.73	165	8719	1.101	ng/ul# 41

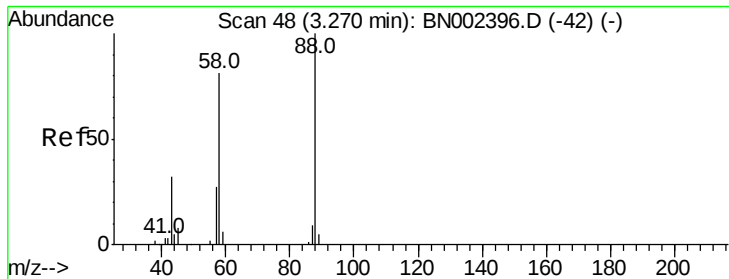
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.568 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN002403.D

Acq: 18 Aug 2018 05:43

Instrument :

BNA_N

ClientSampled :

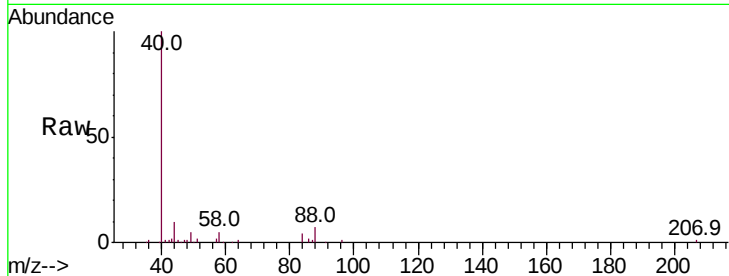
Tot Ion: 88 Resp: 12859

Ion Ratio Lower Upper

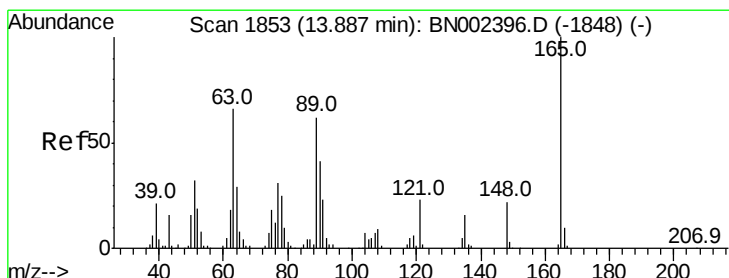
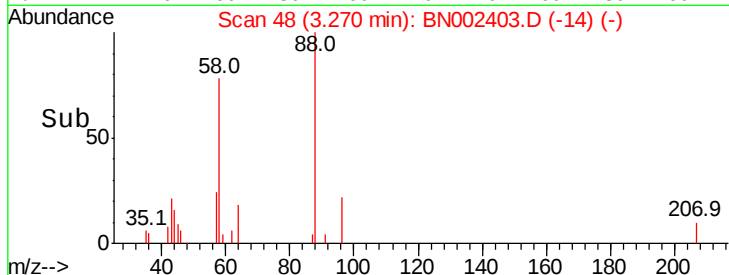
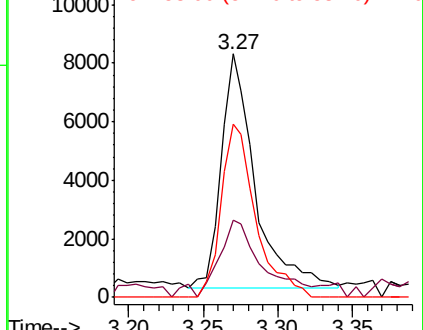
88 100

43 41.0 32.0 48.0

58 74.7 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#45

2,6-Dinitrotoluene

Concen: 1.101 ng/uL

RT: 13.73 min Scan# 1826

Delta R.T. -0.16 min

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Acq: 18 Aug 2018 05:43

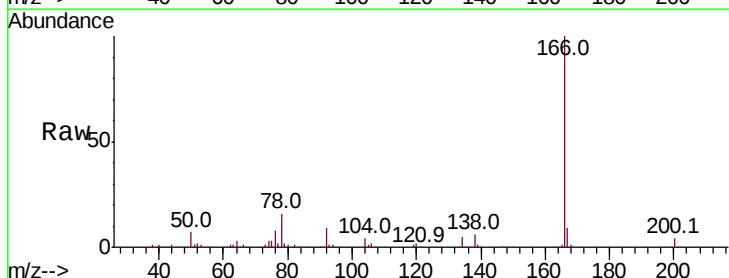
Tgt Ion: 165 Resp: 8719

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 30.1 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BN0
Ion 121.00 (120.70 to 121.70): E

