

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082218\
 Data File : BN002453.D
 Acq On : 22 Aug 2018 12:44
 Operator : JU/SJ
 Sample : J4514-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 23 04:39:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 23 04:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	146542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	694431	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	443764	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1076258	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1208309	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1242628	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.24	96	23094	7.44	ng/uL	0.00
5) Phenol-d5	6.85	99	125909	9.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	331328	39.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	329076	32.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	225458	20.99	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	213219	38.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	225582	38.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	369992	34.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	24056	2.08	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	1496713	40.69	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1819379	40.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	38572	5.55	ng/ul	0.01
57) Fluorene-d10	15.30	176	1304326	40.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	212348	30.99	ng/ul	0.00
70) Anthracene-d10	17.15	188	2094895	40.74	ng/ul	0.00
78) Pyrene-d10	19.45	212	2350380	40.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	2636496	40.58	ng/ul	0.00

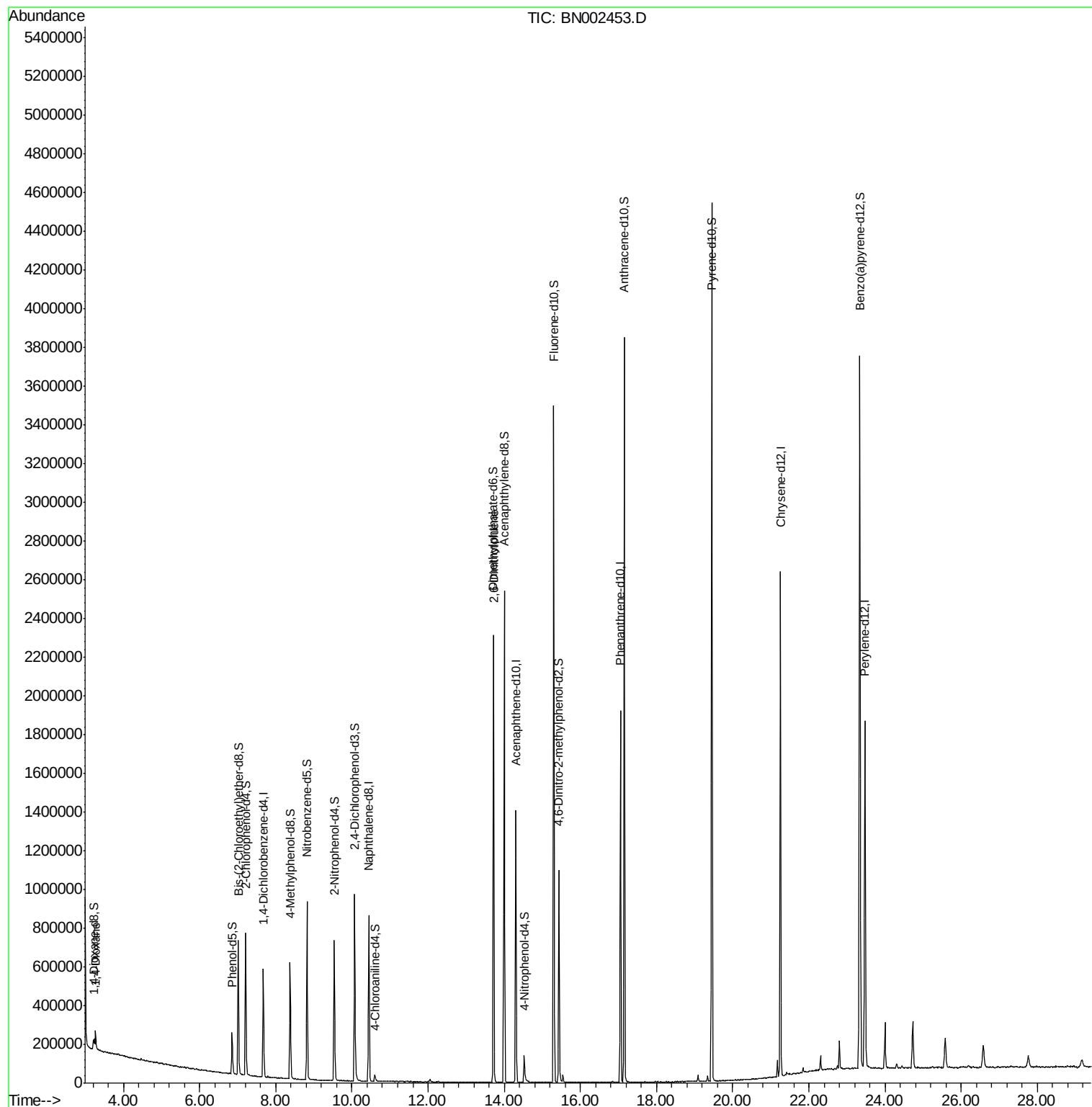
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.27	88	47565	14.320	ng/uL	95
45) 2,6-Dinitrotoluene	13.73	165	9292	1.275	ng/ul#	45

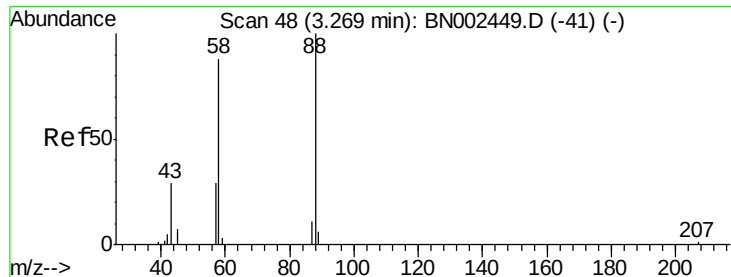
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 14.320 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN002453.D

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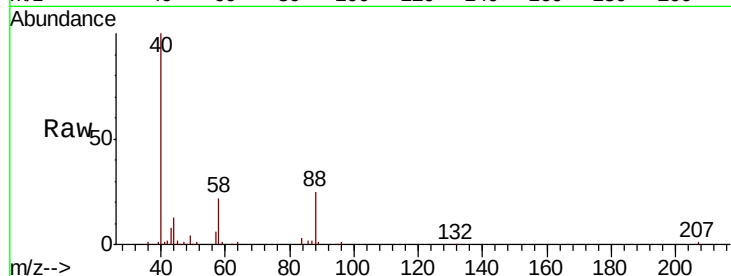
Tot Ion: 88 Resp: 47565

Ion Ratio Lower Upper

88 100

43 33.6 32.0 48.0

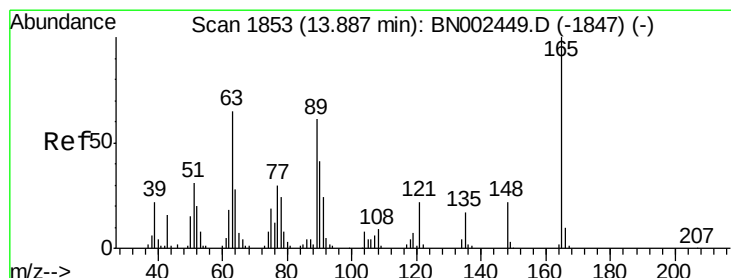
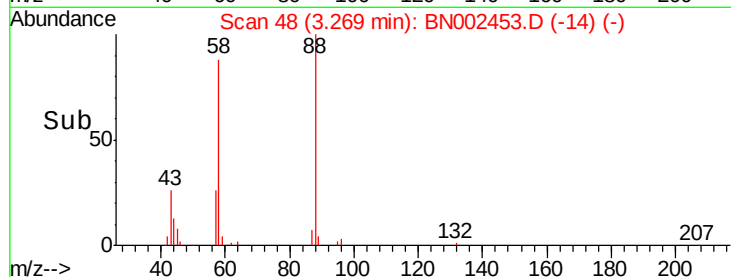
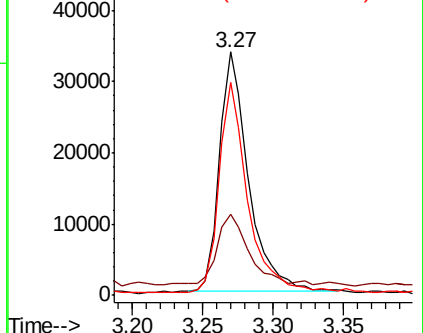
58 88.0 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN002449.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BN002449.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BN002449.D (-41) (-)



#45

2,6-Dinitrotoluene

Concen: 1.275 ng/uL

RT: 13.73 min Scan# 1826

Delta R.T. -0.16 min

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Acq: 22 Aug 2018 12:44

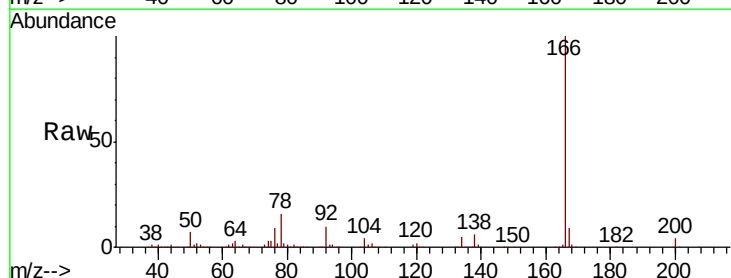
Tgt Ion: 165 Resp: 9292

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 22.6 16.6 24.8



Abundance Ion 165.00 (164.70 to 165.70): BN002449.D (-1847) (-)

Ion 89.00 (88.70 to 89.70): BN002449.D (-1847) (-)

Ion 121.00 (120.70 to 121.70): BN002449.D (-1847) (-)

