Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
Data File : BN024247.D
Acq On : 13 Mar 2023 15:39
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 14 03:09:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 03:05:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	9379	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	26339	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	14395	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	29154	0.400	ng		0.00
29) Chrysene-d12	21.610	240	24961	0.400	ng	#	0.00
35) Perylene-d12	24.129	264	19444	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	37819	1.821	ng		0.00
5) Phenol-d6	7.195	99	49681	1.862	ng		0.00
8) Nitrobenzene-d5	9.211	82	32985	1.874	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	60065	1.855	ng		0.00
14) 2,4,6-Tribromophenol	16.171	330	14065	1.912	ng		0.01
15) 2-Fluorobiphenyl	13.307	172	99965	1.838	ng		0.00
27) Fluoranthene-d10	19.450	212	117623	1.903	ng		0.00
31) Terphenyl-d14	20.042	244	75747	1.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	18394	1.802	ng		100
3) n-Nitrosodimethylamine	3.764	42	27874	1.863	ng		98
6) bis(2-Chloroethyl)ether	7.462	93	48287	1.824	ng		99
9) Naphthalene	10.919	128	123227	1.840	ng		99
10) Hexachlorobutadiene	11.208	225	23110	1.820	ng	#	100
12) 2-Methylnaphthalene	12.520	142	84108	1.860	ng		97
16) Acenaphthylene	14.397	152	129879	1.903	ng		100
17) Acenaphthene	14.739	154	81849	1.883	ng		98
18) Fluorene	15.725	166	98858	1.903	ng		97
20) 4,6-Dinitro-2-methylph...	15.787	198	8136	1.672	ng	#	85
21) 4-Bromophenyl-phenylether	16.606	248	32237	1.859	ng	#	65
22) Hexachlorobenzene	16.730	284	39344	1.850	ng		100
23) Atrazine	16.879	200	21351	1.941	ng		98
24) Pentachlorophenol	17.065	266	20838	1.739	ng		98
25) Phenanthrene	17.462	178	162896	1.886	ng		100
26) Anthracene	17.549	178	154110	1.933	ng		100
28) Fluoranthene	19.480	202	182822	1.934	ng		100
30) Pyrene	19.842	202	182844	1.808	ng		100
32) Benzo(a)anthracene	21.601	228	157193	1.886	ng		99
33) Chrysene	21.655	228	164132	1.845	ng		100
34) Bis(2-ethylhexyl)phtha...	21.511	149	70764	1.804	ng		100
36) Indeno(1,2,3-cd)pyrene	26.760	276	143171	1.967	ng		100
37) Benzo(b)fluoranthene	23.354	252	141351	1.868	ng		95
38) Benzo(k)fluoranthene	23.410	252	149758	1.920	ng		95
39) Benzo(a)pyrene	24.015	252	134758	1.943	ng	#	92
40) Dibenzo(a,h)anthracene	26.786	278	112057	1.986	ng		97
41) Benzo(g,h,i)perylene	27.573	276	128326	1.949	ng		98

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

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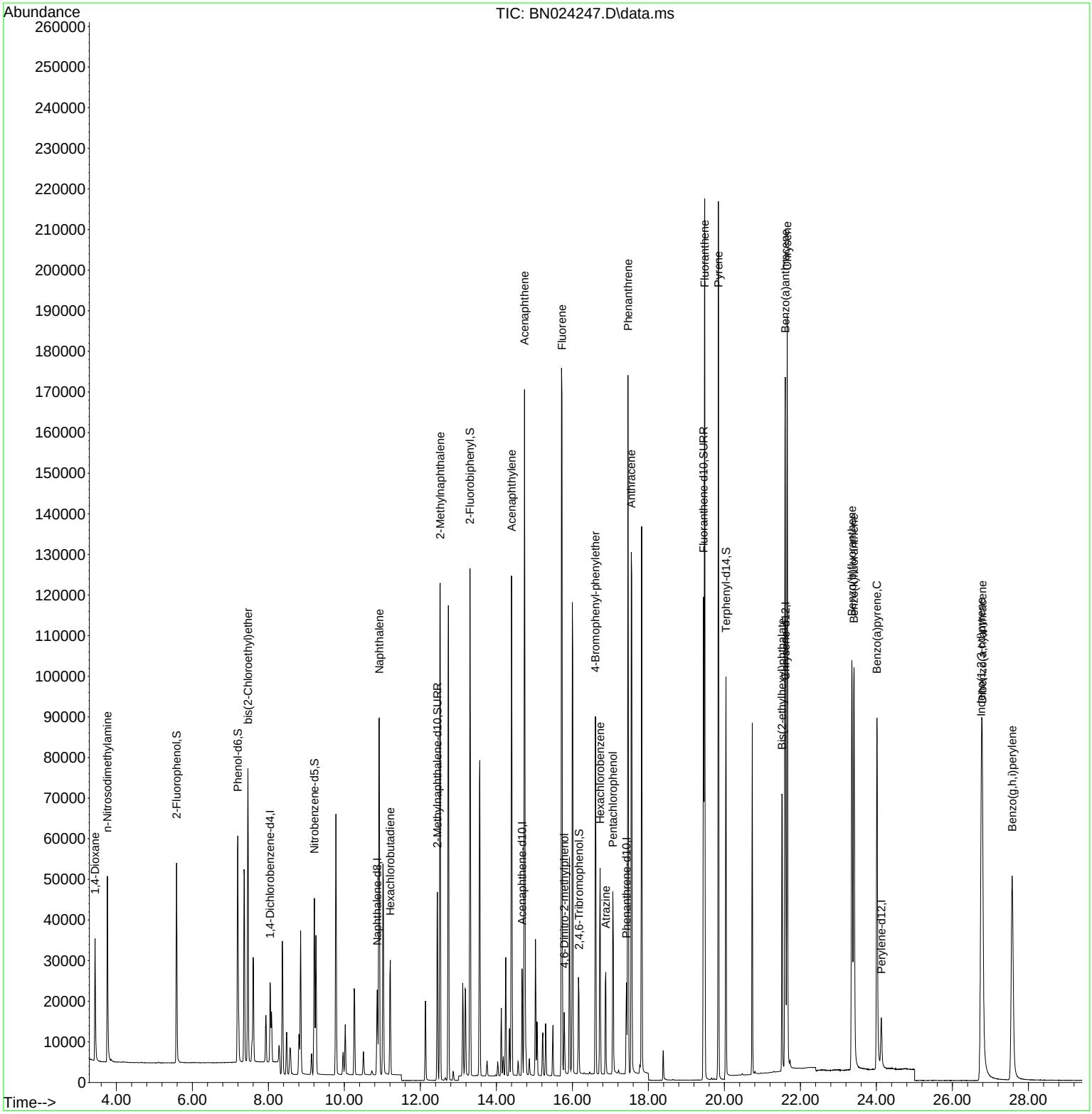
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