Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
Data File : BN030089.D
Acq On : 27 Feb 2024 12:16
Operator : MA/JU
Sample : P1578-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 00:18:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	2959	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	7680	0.400	ng	#	0.00
13) Acenaphthene-d10	14.500	164	3440	0.400	ng		0.01
19) Phenanthrene-d10	17.255	188	7226	0.400	ng	#	0.00
29) Chrysene-d12	21.456	240	5501	0.400	ng		0.00
35) Perylene-d12	23.818	264	5264	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.428	112	557	0.078	ng		0.00
5) Phenol-d6	7.038	99	275	0.034	ng		0.01
8) Nitrobenzene-d5	9.035	82	1248	0.195	ng		0.02
11) 2-Methylnaphthalene-d10	12.253	152	1868	0.179	ng		0.00
14) 2,4,6-Tribromophenol	16.014	330	222	0.201	ng		0.01
15) 2-Fluorobiphenyl	13.132	172	2679	0.181	ng		0.01
27) Fluoranthene-d10	19.290	212	4311	0.246	ng		0.00
31) Terphenyl-d14	19.898	244	3183	0.233	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	10845	2.603	ng	#	93
25) Phenanthrene	17.293	178	1555	0.073	ng		99
26) Anthracene	17.392	178	1157	0.064	ng		98
28) Fluoranthene	19.317	202	4433	0.184	ng		99
30) Pyrene	19.680	202	4347	0.172	ng		99
32) Benzo(a)anthracene	21.438	228	3034	0.161	ng		95
33) Chrysene	21.492	228	5348	0.250	ng		99
34) Bis(2-ethylhexyl)phtha...	21.376	149	636	0.050	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.297	276	4807m	0.227	ng		
37) Benzo(b)fluoranthene	23.101	252	3983	0.212	ng	#	82
38) Benzo(k)fluoranthene	23.151	252	4423	0.224	ng	#	80
39) Benzo(a)pyrene	23.721	252	2773	0.169	ng	#	52
40) Dibenzo(a,h)anthracene	26.317	278	3833m	0.227	ng		
41) Benzo(g,h,i)perylene	27.013	276	4177	0.204	ng		91

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

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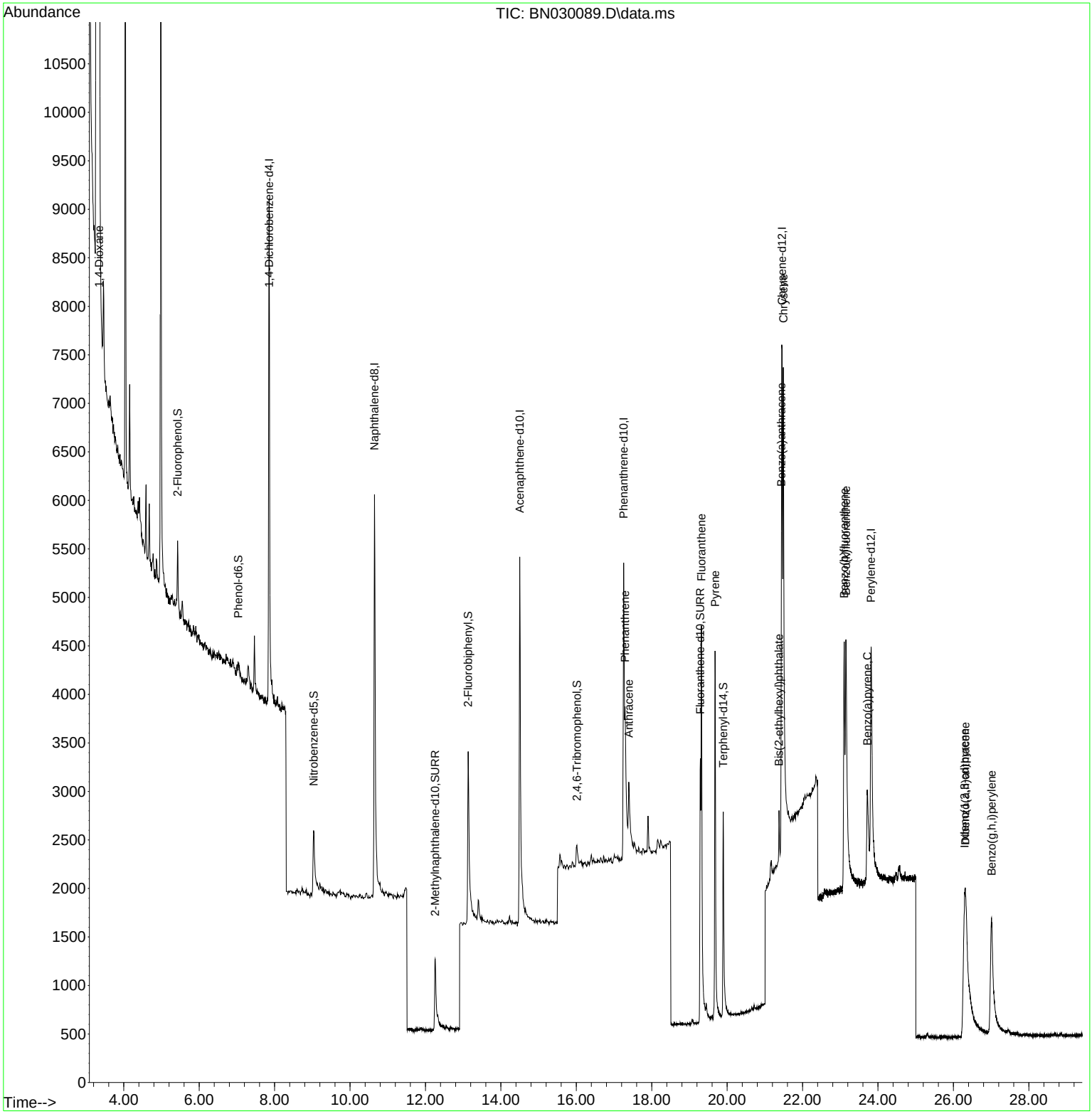
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