Quantitation Report (Qedit)

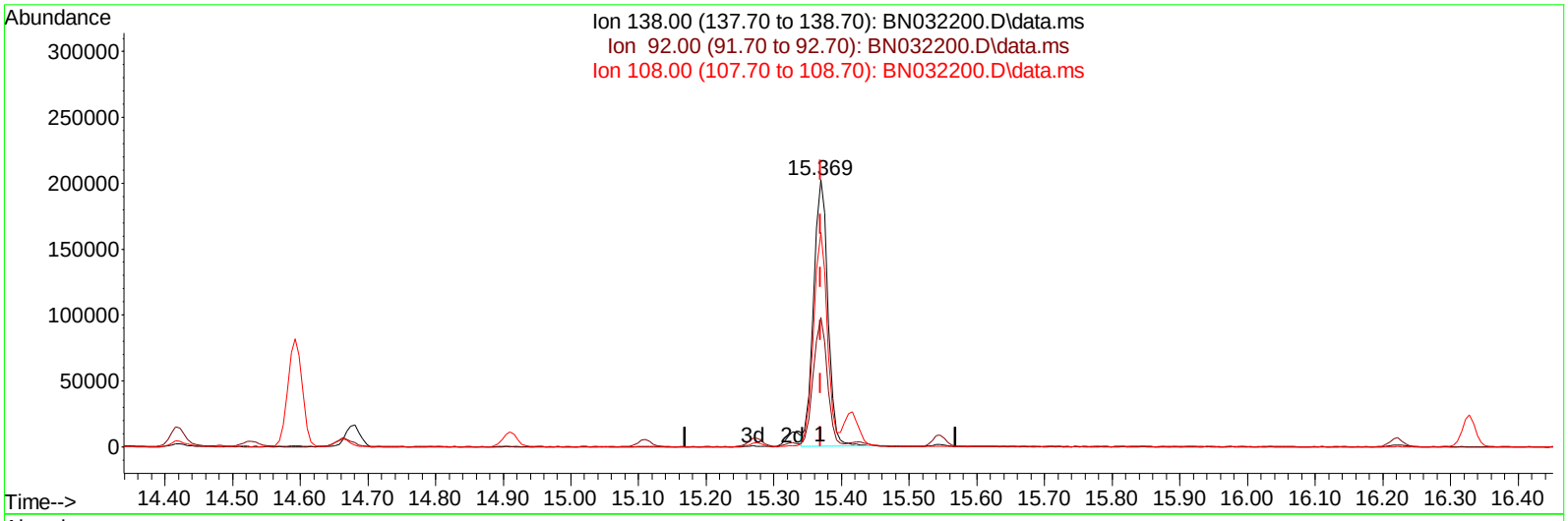
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032200.D
Acq On : 23 Jun 2024 14:15
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

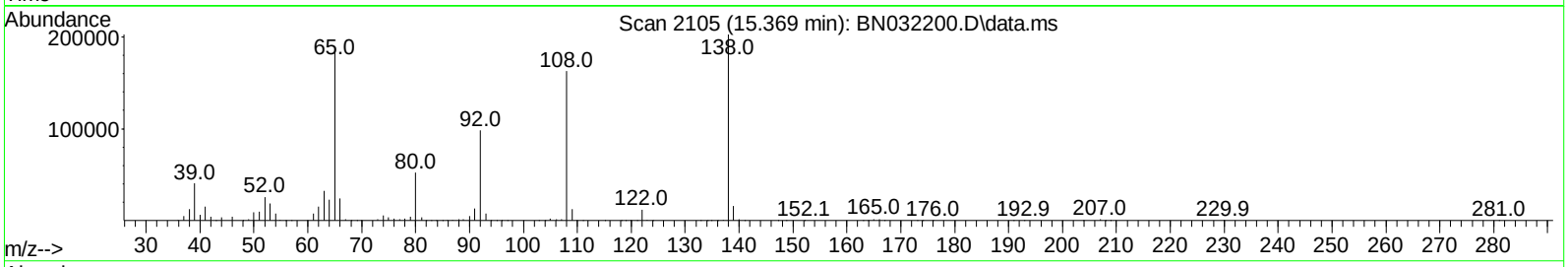
Quant Time: Jun 24 01:43:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

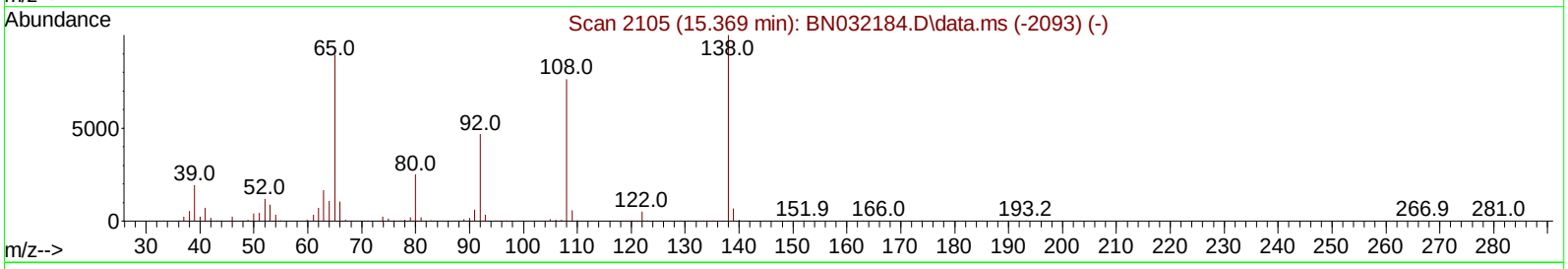
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024







TIC: BN032200.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.000) 21.33 ng/ul

response 299373

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	48.46
108.00	75.10	80.23
0.00	0.00	0.00

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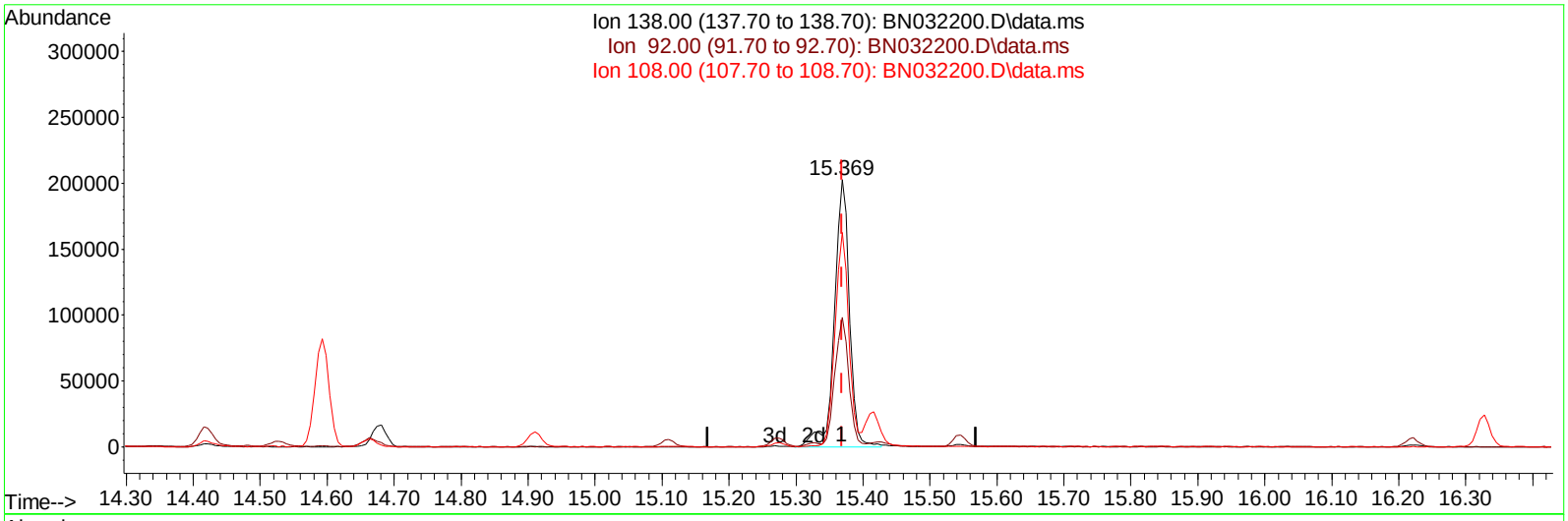

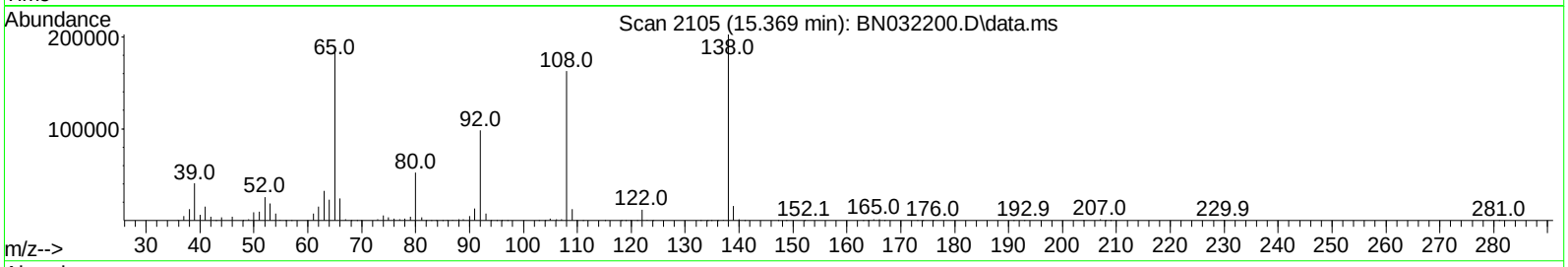

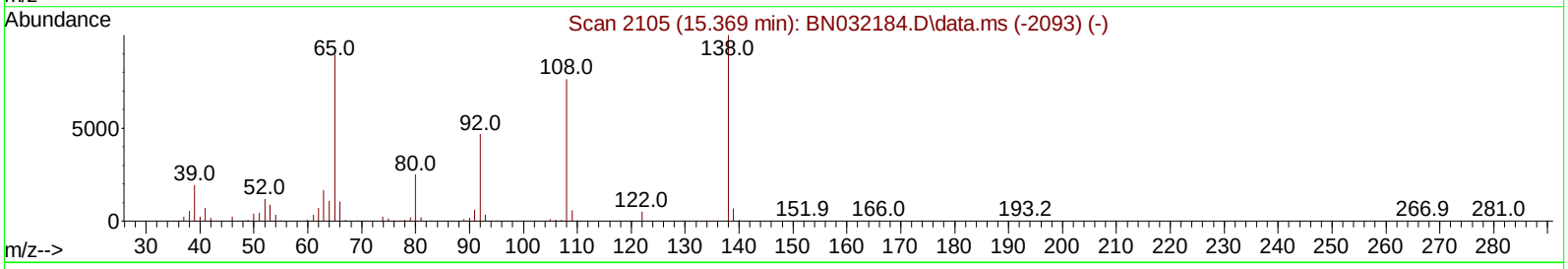

TIC: BN032200.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.000) 22.57 ng/ul m

response 316888

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	48.46
108.00	75.10	80.23
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jun 25 04:48:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	418623	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1624034	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	973868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1934125	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1791210	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	2163358	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	69315	6.850	ng/uL	0.00
4) Pyridine-d5	3.570	84	466677	16.384	ng/ul	0.00
7) Phenol-d5	6.816	99	595458	16.592	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	326579	15.558	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	526629	19.232	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	477384	16.319	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	253612	20.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	280303	21.853	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	473993	19.794	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	634823	17.855	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	1252381	18.459	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1512947	19.394	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	239568	17.636	ng/ul	0.00
60) Fluorene-d10	15.275	176	1072816	18.688	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	168441	17.326	ng/ul	0.00
73) Anthracene-d10	17.128	188	1641122	19.819	ng/ul	0.00
81) Pyrene-d10	19.433	212	1859405	19.399	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1967690	19.048	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	75308	6.956	ng/uL	93
5) Pyridine	3.587	79	455700	16.000	ng/ul	98
6) Benzaldehyde	6.787	77	312910	18.589	ng/ul	94
8) Phenol	6.840	94	607953	16.646	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	500281	16.565	ng/ul	95
12) 2-Chlorophenol	7.199	128	544398	18.998	ng/ul	95
13) 2-Methylphenol	8.081	108	470306	16.672	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	527227	15.165	ng/ul	96
16) Acetophenone	8.457	105	725419	16.362	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.440	70	326107	14.195	ng/ul#	95
18) 4-Methylphenol	8.410	108	495716	16.211	ng/ul	98
19) Hexachloroethane	8.693	117	219987	18.129	ng/ul#	84
22) Nitrobenzene	8.834	77	531690	17.972	ng/ul	93
23) Isophorone	9.352	82	956090	15.754	ng/ul	96
25) 2-Nitrophenol	9.534	139	295207	21.065	ng/ul	93
26) 2,4-Dimethylphenol	9.599	107	464818	17.050	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	625906	16.548	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	467758	19.783	ng/ul	97
30) Naphthalene	10.457	128	1630614	19.400	ng/ul	99
32) 4-Chloroaniline	10.581	127	622776	18.042	ng/ul	100
33) Hexachlorobutadiene	10.728	225	309281	21.779	ng/ul	95
34) Caprolactam	11.375	113	162272	17.582	ng/ul	83
35) 4-Chloro-3-methylphenol	11.716	107	479532	17.351	ng/ul	99

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SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	1064532	18.530 ng/ul	97
37) 1-Methylnaphthalene	12.298	142	1065311	18.481 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	556709	21.615 ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	172609	11.628 ng/ul	94
41) 2,4,6-Trichlorophenol	12.704	196	355073	20.311 ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	388498	20.451 ng/ul	97
43) 1,1'-Biphenyl	13.104	154	1344693	19.631 ng/ul	96
44) 2-Chloronaphthalene	13.145	162	1082483	20.176 ng/ul	99
45) 2-Nitroaniline	13.369	65	267694	17.213 ng/ul#	84
47) Dimethylphthalate	13.740	163	1294845	18.661 ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	270775	19.633 ng/ul	97
50) Acenaphthylene	13.998	152	1719758	19.506 ng/ul	99
51) 3-Nitroaniline	14.198	138	301272	20.430 ng/ul	92
52) Acenaphthene	14.340	153	1135299	19.462 ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	100373	14.416 ng/ul	93
55) 4-Nitrophenol	14.528	109	181814	18.043 ng/ul	90
56) Dibenzofuran	14.681	168	1531720	19.326 ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	389136	19.229 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	317258	19.966 ng/ul	99
59) Diethylphthalate	15.110	149	1292497	18.052 ng/ul	99
61) Fluorene	15.334	166	1228652	19.251 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	595452	19.262 ng/ul	99
63) 4-Nitroaniline	15.369	138	316888m	22.574 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	181036	17.517 ng/ul	100
67) N-Nitrosodiphenylamine	15.545	169	1066429	20.003 ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	377666	20.153 ng/ul	96
69) Hexachlorobenzene	16.328	284	446121	21.004 ng/ul	94
70) Atrazine	16.504	200	296118	17.592 ng/ul	97
71) Pentachlorophenol	16.681	266	248776	18.307 ng/ul	97
72) Phenanthrene	17.075	178	1941944	19.710 ng/ul	98
74) Anthracene	17.163	178	1990286	19.936 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	536928	21.568 ng/uL	99
76) Pentachlorobenzene	14.592	250	516459	21.299 ng/uL	99
77) Carbazole	17.439	167	1843112	21.651 ng/ul	98
78) Di-n-butylphthalate	17.998	149	2298289	19.624 ng/ul	100
80) Fluoranthene	19.098	202	2255656	19.691 ng/ul	95
82) Pyrene	19.463	202	2312461	19.675 ng/ul	94
83) Butylbenzylphthalate	20.369	149	1052200	18.955 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.186	252	690134	20.092 ng/ul	98
85) Benzo(a)anthracene	21.251	228	2354849	19.641 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	1506592	18.618 ng/ul	97
87) Chrysene	21.316	228	2219004	19.814 ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2721927	18.794 ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2397746	18.543 ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	2452342	19.327 ng/ul	97
93) Benzo(a)pyrene	24.051	252	2295739	18.956 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.474	276	2859599	20.490 ng/ul	98
95) Dibenzo(a,h)anthracene	27.521	278	2372220	20.820 ng/ul	96
96) Benzo(g,h,i)perylene	28.503	276	2308438	20.808 ng/ul	96

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

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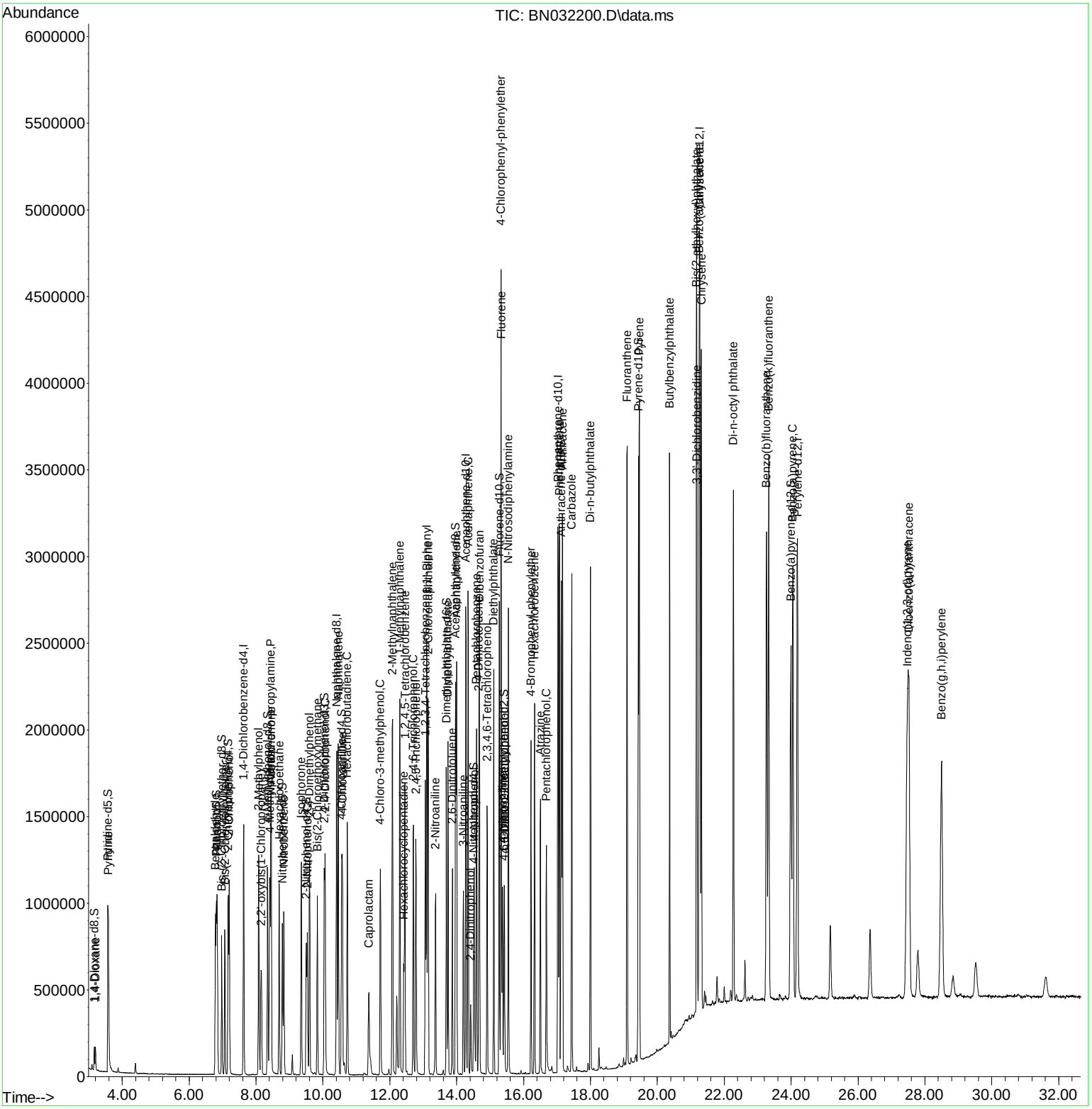
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