Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
Data File : BN014733.D
Acq On : 25 May 2021 13:29
Operator : CG/JU
Sample : M2493-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 25 14:15:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 10:33:04 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GB432MSD

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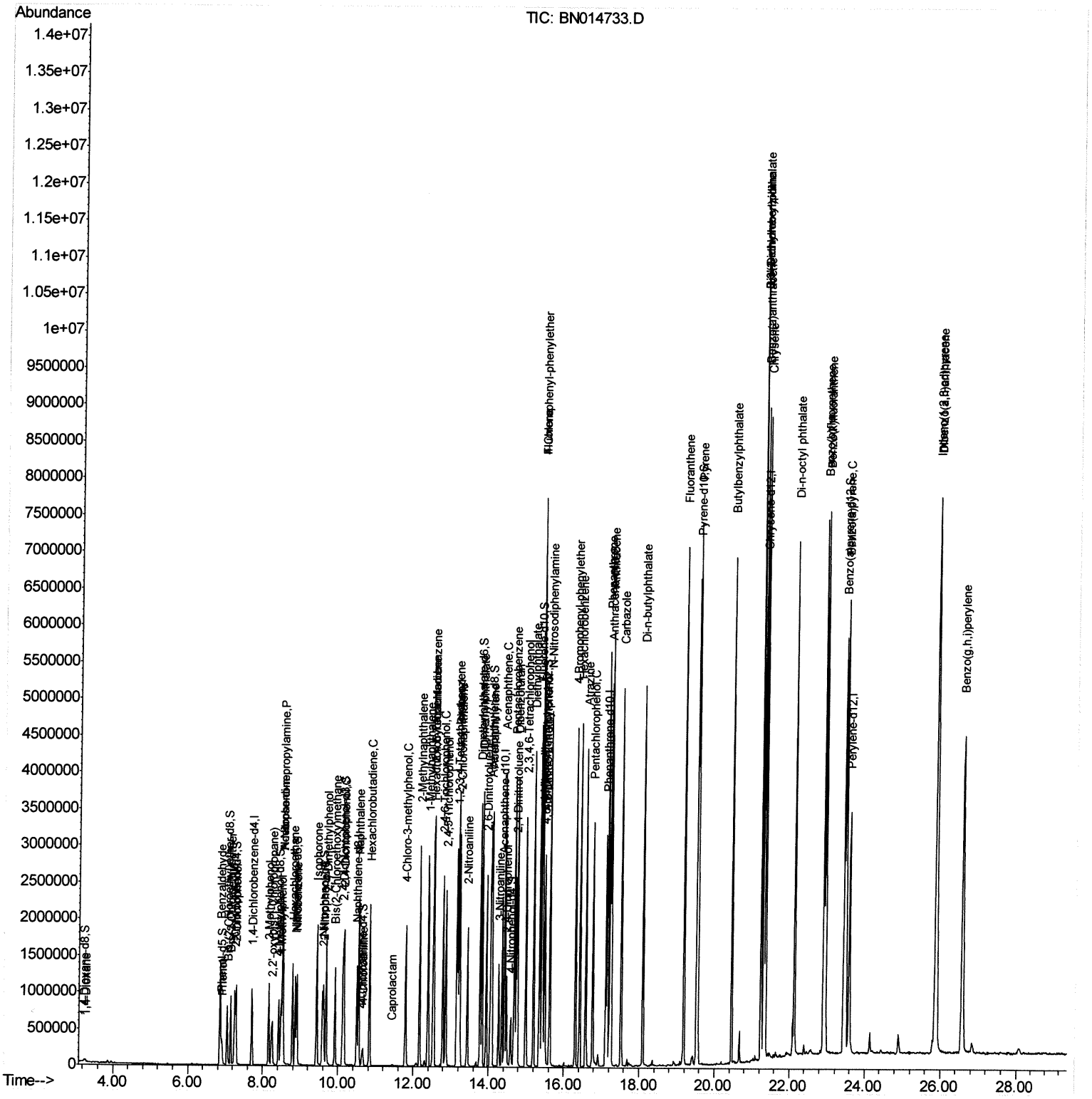

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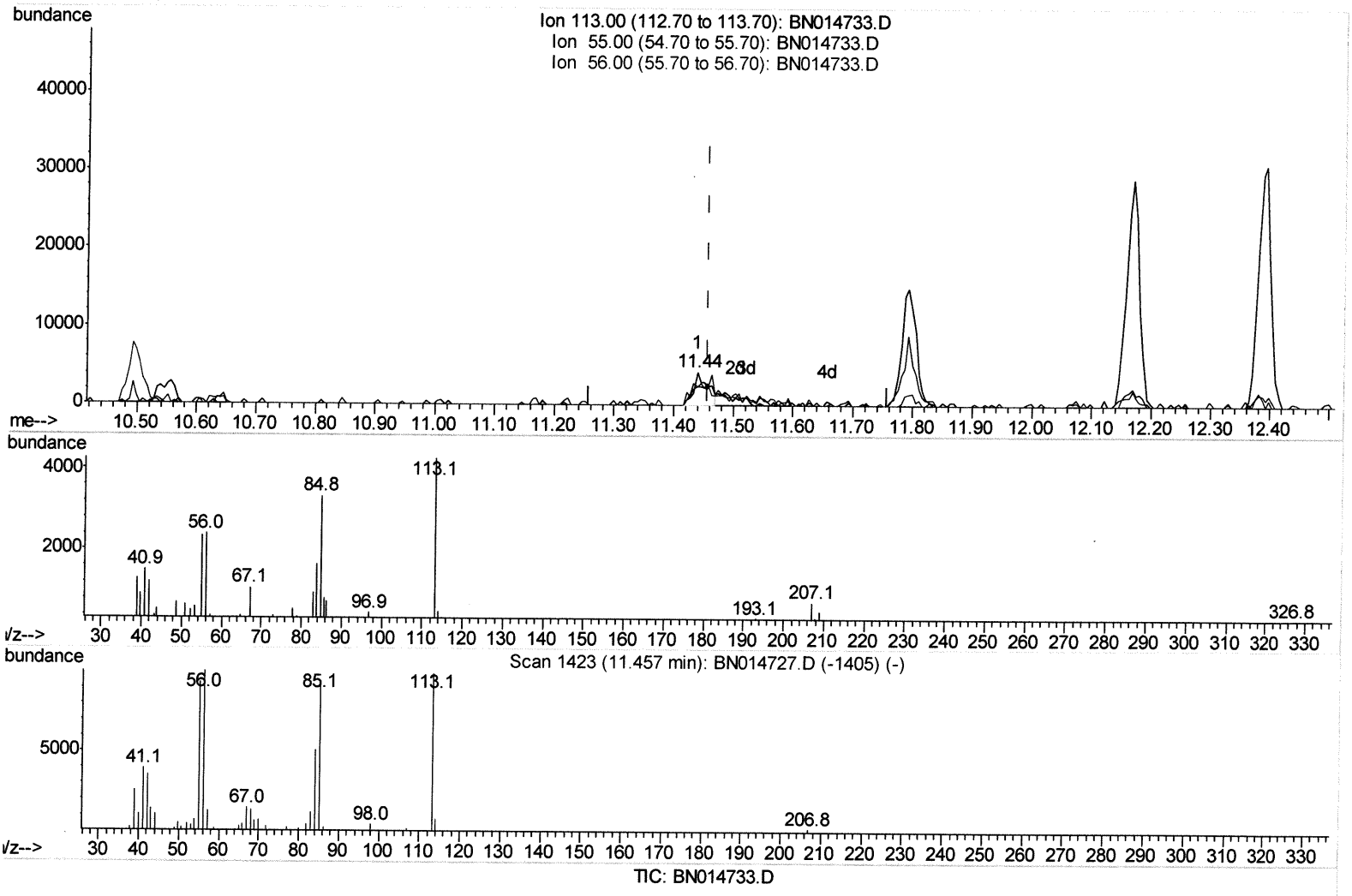

(34) Caprolactam

11.440min (-0.018) 1.28ng/ul

response 7021

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	54.62#
56.00	73.20	55.96#
0.00	0.00	0.00

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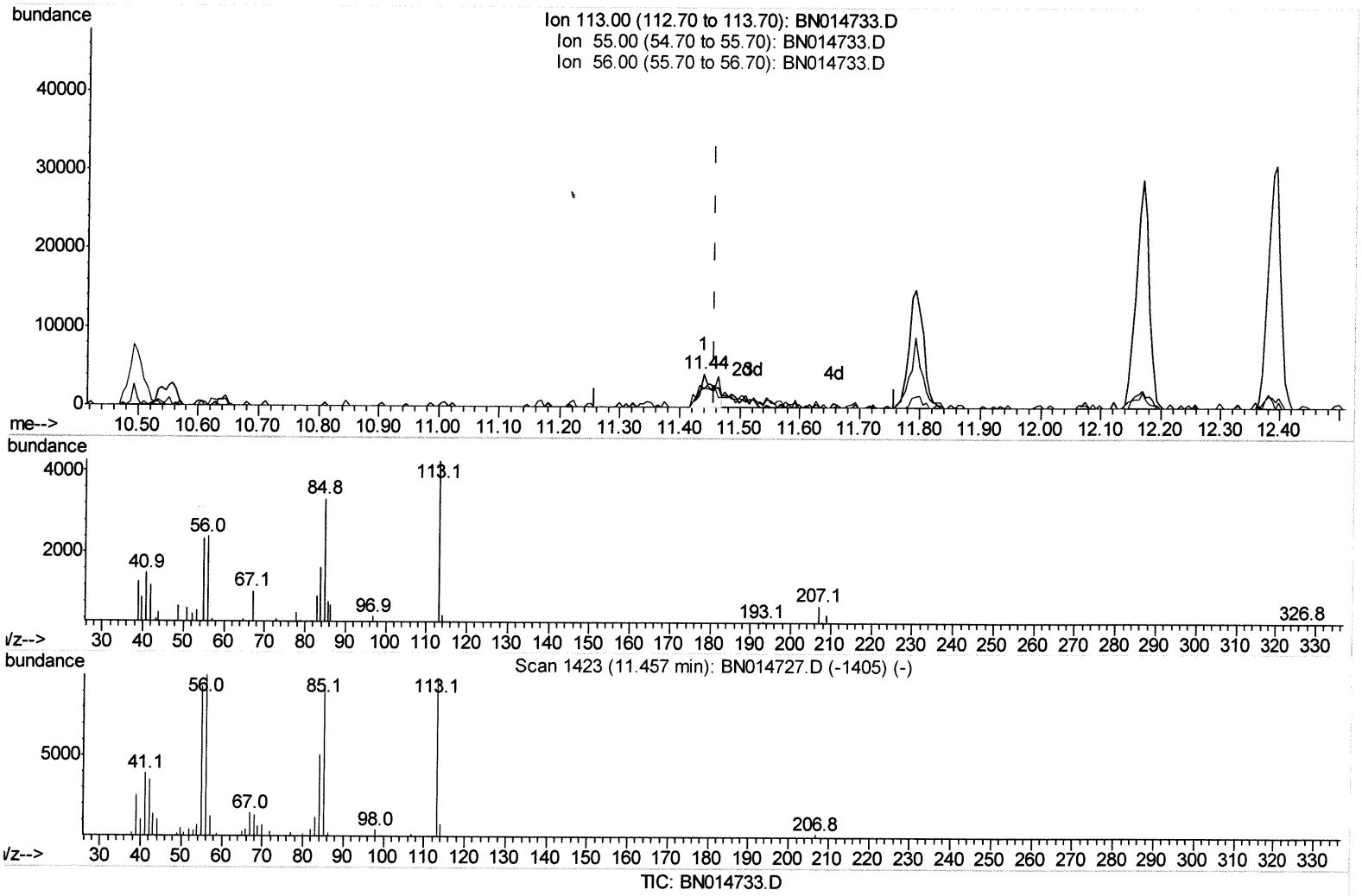

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response 7021

Ion	Exp%	Act%
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55.00	118.50	54.62#
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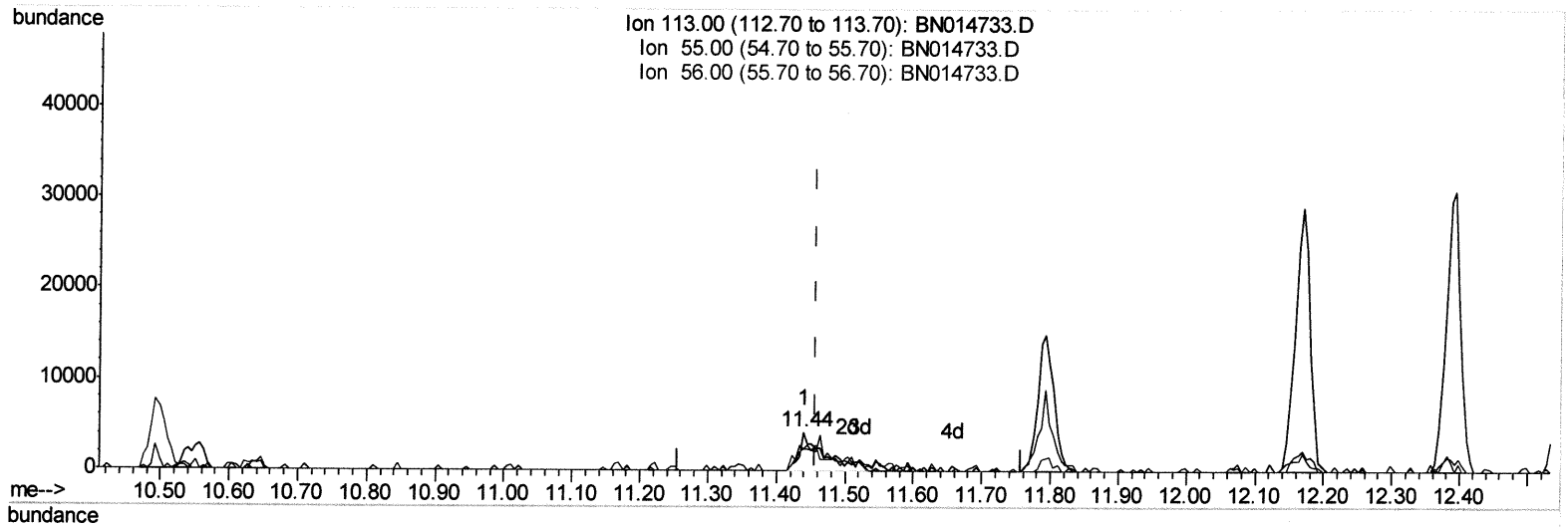

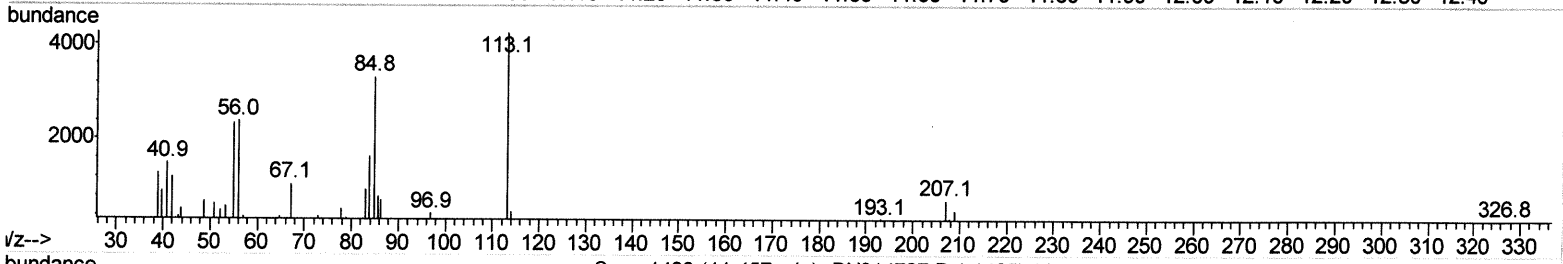

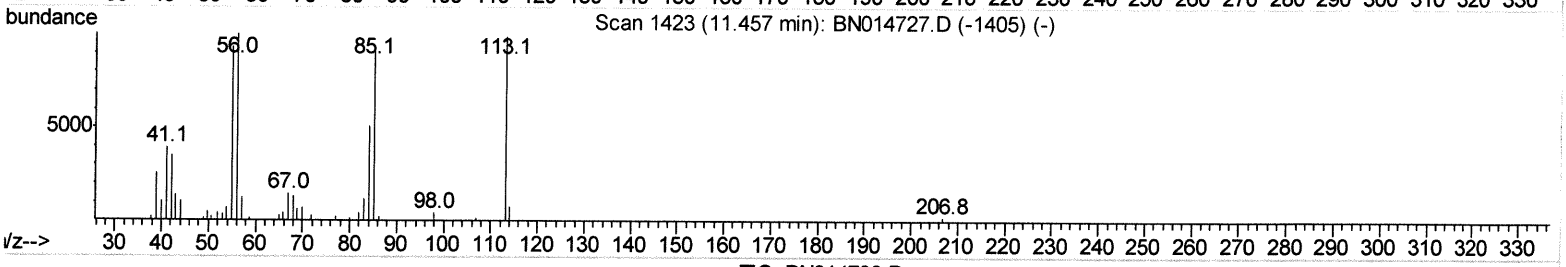

TIC: BN014733.D

(34) Caprolactam

11.440min (-0.018) 1.95ng/ul m

response 10707

JU 5/27/21

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	54.62#
56.00	73.20	55.96#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	251291	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	960113	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	739779	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1757460	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1914723	20.00	ng/ul	0.00
88) Perylene-d12	23.59	264	2407150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	17086	2.77	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.89	99	159229	6.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	343608	28.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	372991	24.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	297106	15.53	ng/ul	0.00
21) Nitrobenzene-d5	8.87	128	242090	33.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	262645	33.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	531184	29.97	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	68855	3.30	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	2170159	36.92	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	2299728	33.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	78067	8.36	ng/ul	0.00
60) Fluorene-d10	15.36	176	1791022	35.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	409025	42.55	ng/ul	0.00
73) Anthracene-d10	17.22	188	2969295	36.17	ng/ul	0.00
81) Pyrene-d10	19.52	212	3588525	39.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	4741066	36.98	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	22848	3.154	ng/uL#	91
6) Benzaldehyde	6.86	77	526624	39.745	ng/ul	99
8) Phenol	6.92	94	182450	7.206	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.14	93	577535	29.555	ng/ul	95
12) 2-Chlorophenol	7.28	128	399813	25.067	ng/ul	98
13) 2-Methylphenol	8.16	108	347411	18.685	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.25	45	377848	30.651	ng/ul	97
16) Acetophenone	8.53	105	994631	31.408	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.52	70	498059	32.652	ng/ul#	91
18) 4-Methylphenol	8.49	108	343220	16.925	ng/ul	93
19) Hexachloroethane	8.79	117	233167	29.199	ng/ul	94
22) Nitrobenzene	8.90	77	747991	33.139	ng/ul	97
23) Isophorone	9.43	82	1425364	33.255	ng/ul	98
25) 2-Nitrophenol	9.62	139	286563	34.687	ng/ul	90
26) 2,4-Dimethylphenol	9.68	107	632085	24.855	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.92	93	843779	32.400	ng/ul	97
29) 2,4-Dichlorophenol	10.15	162	528053	31.063	ng/ul	98
30) Naphthalene	10.55	128	1676591	32.128	ng/ul	99
32) 4-Chloroaniline	10.66	127	90538	4.071	ng/ul	96
33) Hexachlorobutadiene	10.84	225	485386	31.933	ng/ul	95
34) Caprolactam	11.44	113	10707m	1.949	ng/ul	>
35) 4-Chloro-3-methylphenol	11.79	107	772067	31.341	ng/ul	100

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ClientSampleId : GB432MSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.17	142	1264861	32.517 ng/ul	98
37) 1-Methylnaphthalene	12.39	142	1229791	32.157 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	909262	32.507 ng/ul	92
40) Hexachlorocyclopentadiene	12.52	237	547195	29.530 ng/ul	95
41) 2,4,6-Trichlorophenol	12.79	196	578224	36.813 ng/ul	96
42) 2,4,5-Trichlorophenol	12.86	196	632289	36.886 ng/ul	98
43) 1,1'-Biphenyl	13.19	154	1821669	34.422 ng/ul	97
44) 2-Chloronaphthalene	13.23	162	1435300	33.848 ng/ul	98
45) 2-Nitroaniline	13.44	65	520175	40.275 ng/ul	95
47) Dimethylphthalate	13.82	163	2115924	36.398 ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	447498	41.425 ng/ul	93
50) Acenaphthylene	14.08	152	2188504	35.023 ng/ul	98
51) 3-Nitroaniline	14.27	138	263437	25.132 ng/ul	98
52) Acenaphthene	14.43	153	1574908	34.784 ng/ul	98
53) 2,4-Dinitrophenol	14.47	184	236253	30.122 ng/ul	94
55) 4-Nitrophenol	14.59	109	116636	6.516 ng/ul	93
56) Dibenzofuran	14.76	168	2382326	35.371 ng/ul	89
57) 2,4-Dinitrotoluene	14.73	165	703123	40.842 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.99	232	687122	38.968 ng/ul	97
59) Diethylphthalate	15.20	149	2156872	38.594 ng/ul	95
61) Fluorene	15.42	166	1756254	34.659 ng/ul	93
62) 4-Chlorophenyl-phenylether	15.42	204	1016195	33.897 ng/ul#	87
63) 4-Nitroaniline	15.44	138	341917	32.113 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.50	198	419001	44.557 ng/ul#	91
67) N-Nitrosodiphenylamine	15.63	169	1780788	37.620 ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	880914	38.493 ng/ul	93
69) Hexachlorobenzene	16.42	284	1030474	35.993 ng/ul	98
70) Atrazine	16.59	200	775695	39.629 ng/ul	96
71) Pentachlorophenol	16.77	266	598939	36.336 ng/ul	93
72) Phenanthrene	17.16	178	3414714	37.186 ng/ul	97
74) Anthracene	17.25	178	3389283	36.621 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	908991	31.301 ng/uL	97
76) Pentachlorobenzene	14.69	250	1088379	36.236 ng/uL	97
77) Carbazole	17.52	167	3068719	39.342 ng/ul	99
78) Di-n-butylphthalate	18.10	149	3673996	39.974 ng/ul	98
80) Fluoranthene	19.19	202	4383888	41.179 ng/ul	99
82) Pyrene	19.55	202	4457799	40.718 ng/ul	98
83) Butylbenzylphthalate	20.46	149	1690926	45.966 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.24	252	1521202	42.139 ng/ul	98
85) Benzo(a)anthracene	21.30	228	4677943	39.194 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.25	149	2185811	41.223 ng/ul	99
87) Chrysene	21.36	228	4599965	38.271 ng/ul	96
89) Di-n-octyl phthalate	22.13	149	4733322	44.445 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	5596815	38.743 ng/ul	97
91) Benzo(k)fluoranthene	22.95	252	5205548	36.167 ng/ul	98
93) Benzo(a)pyrene	23.49	252	5046656	38.602 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.88	276	6749626	37.680 ng/ul	97
95) Dibenzo(a,h)anthracene	25.89	278	5484356	36.996 ng/ul	99
96) Benzo(g,h,i)perylene	26.58	276	6095854	38.451 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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