Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015925.D
Acq On : 18 Aug 2021 07:28
Operator : CG/JU
Sample : PB138366BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 18 08:37:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS366

Manual Integrations APPROVED
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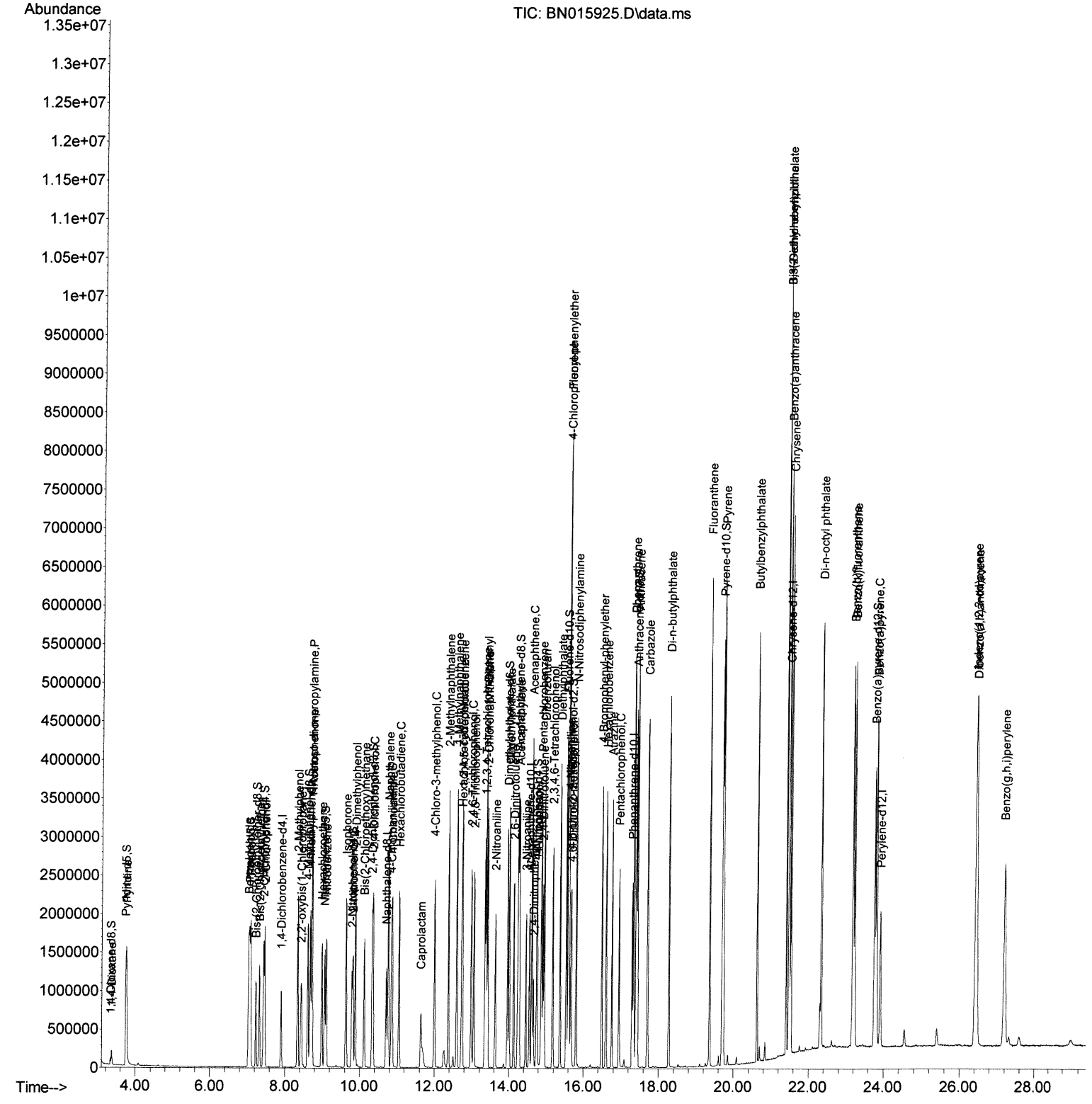

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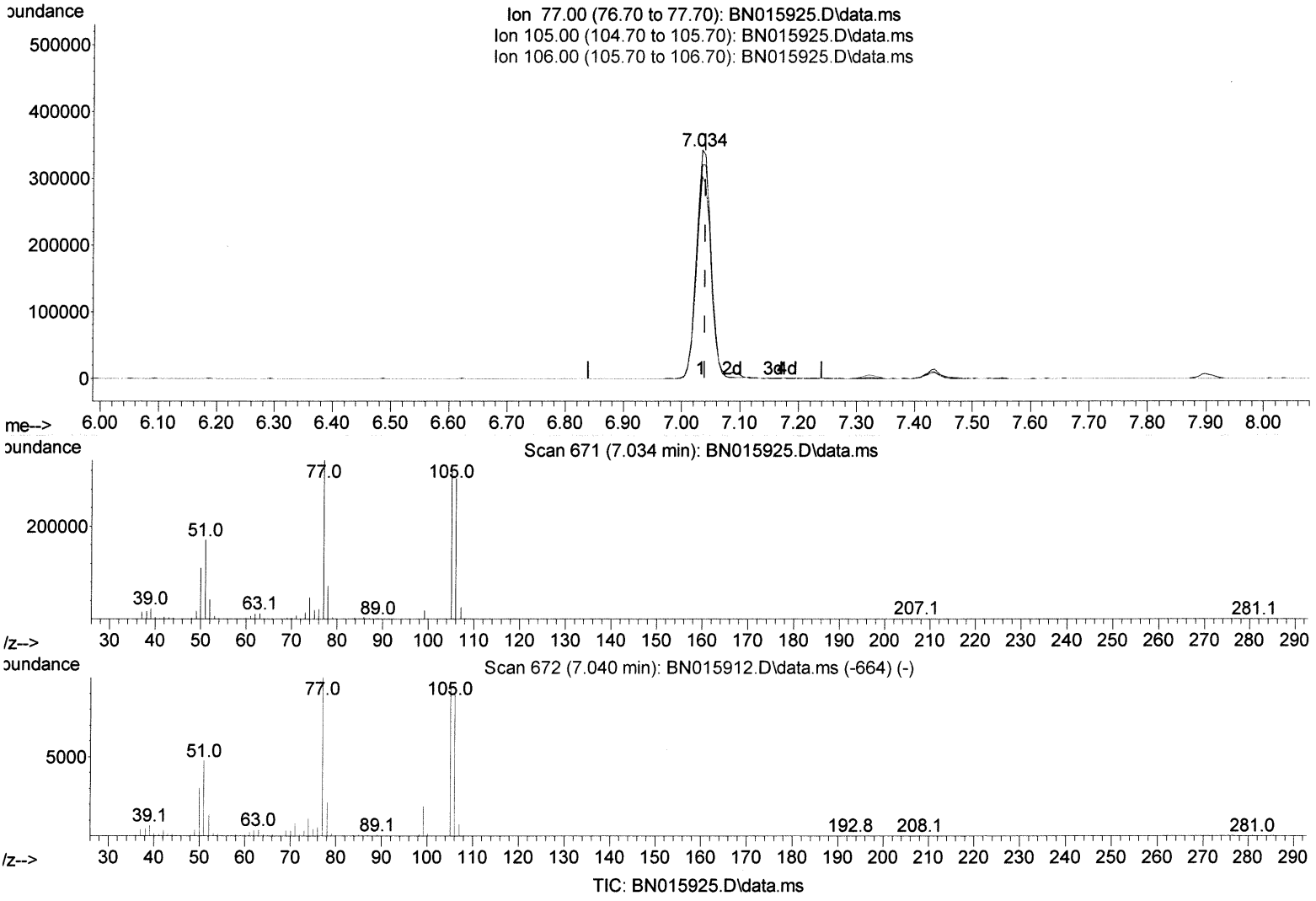

(6) Benzaldehyde

7.034min (-0.006) 49.21 ng/ul

response 589129

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	93.75
106.00	87.90	88.59
0.00	0.00	0.00

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mohammad
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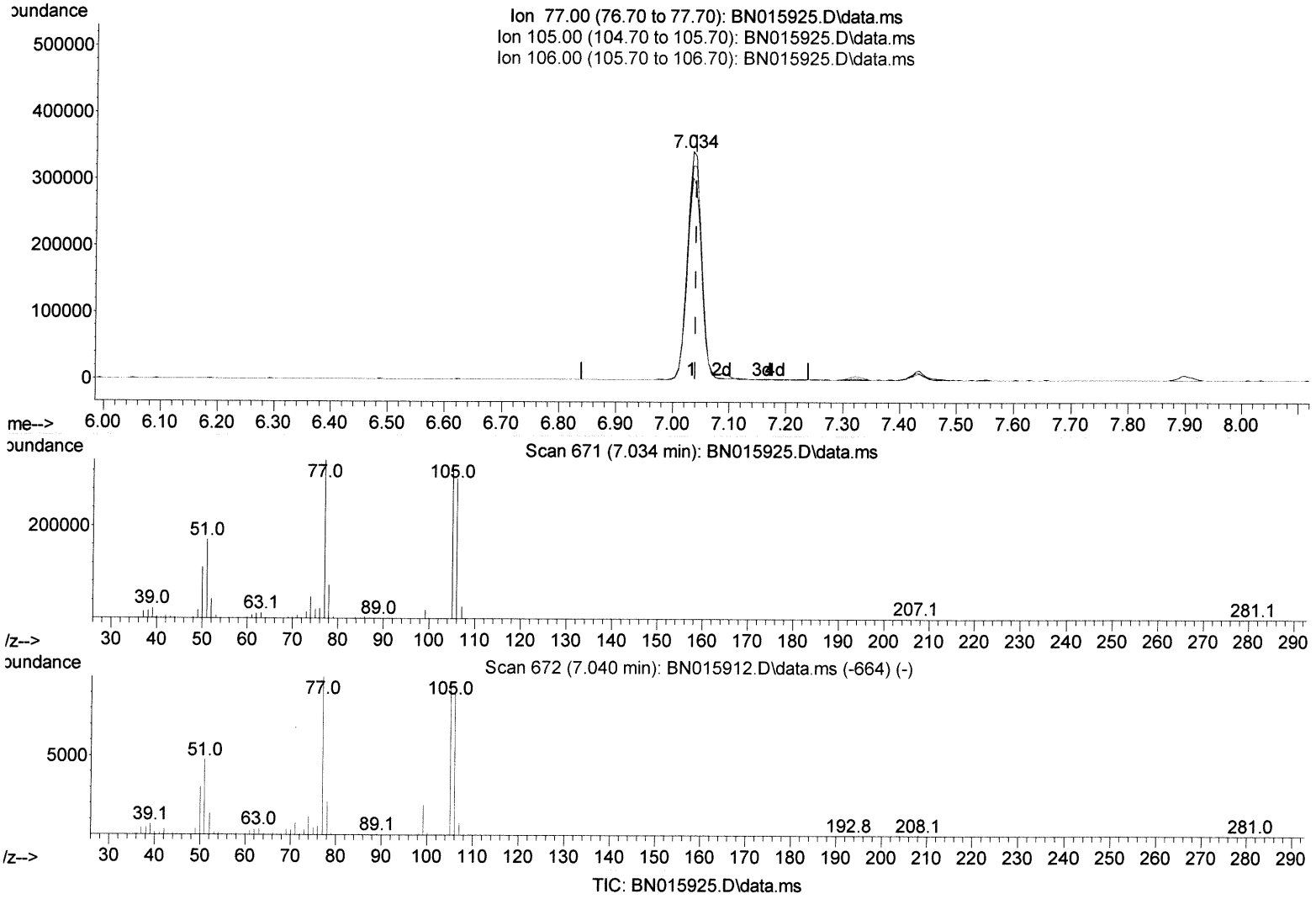

(6) Benzaldehyde

7.034min (-0.006) 50.05 ng/ul m

response 599230

JU 8/19/21

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	93.75
106.00	87.90	88.59
0.00	0.00	0.00

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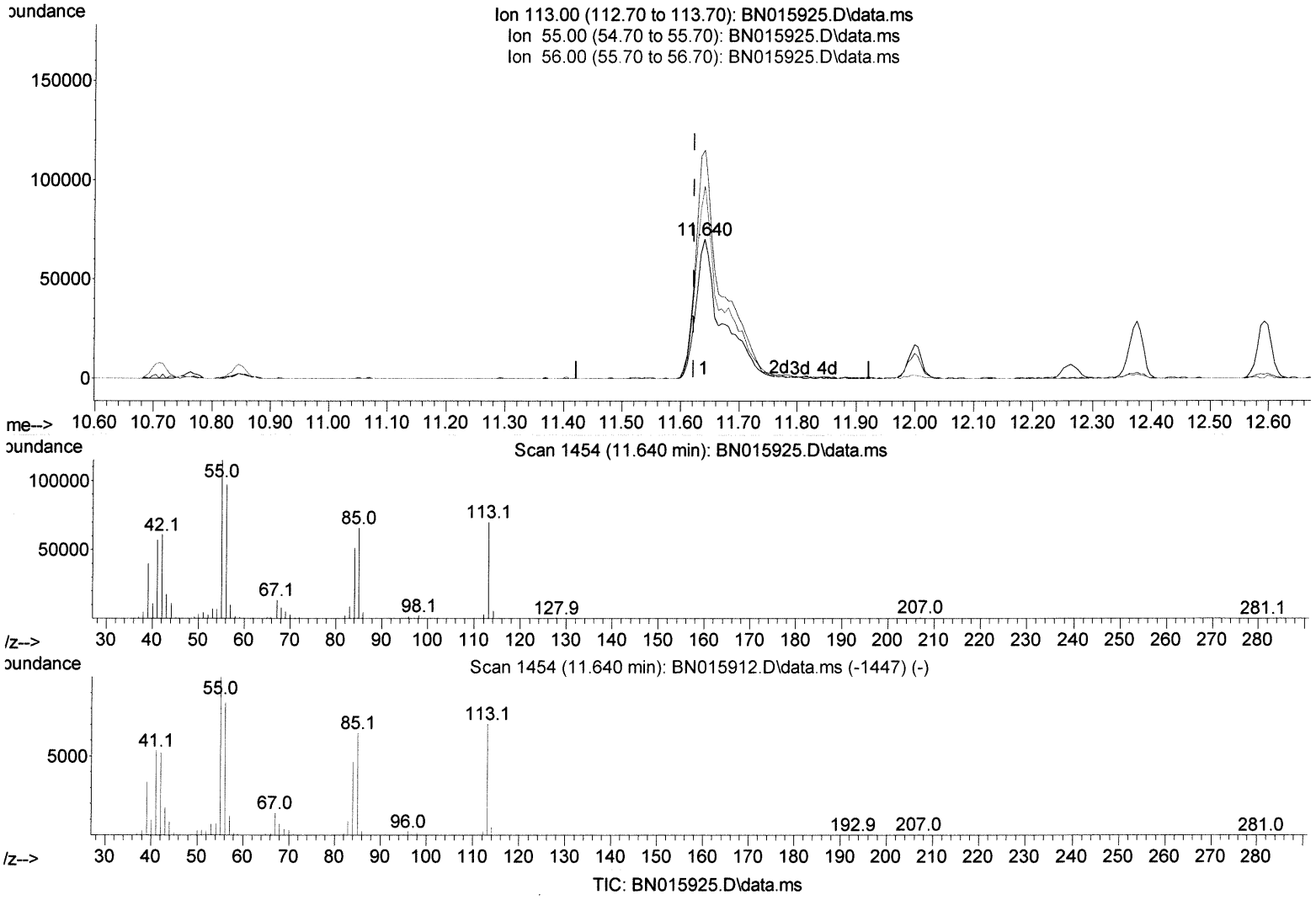

(34) Caprolactam

11.640min (+ 0.018) 28.70 ng/ul

response 141179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	164.33
56.00	127.80	138.55
0.00	0.00	0.00

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Misc :
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mohammad
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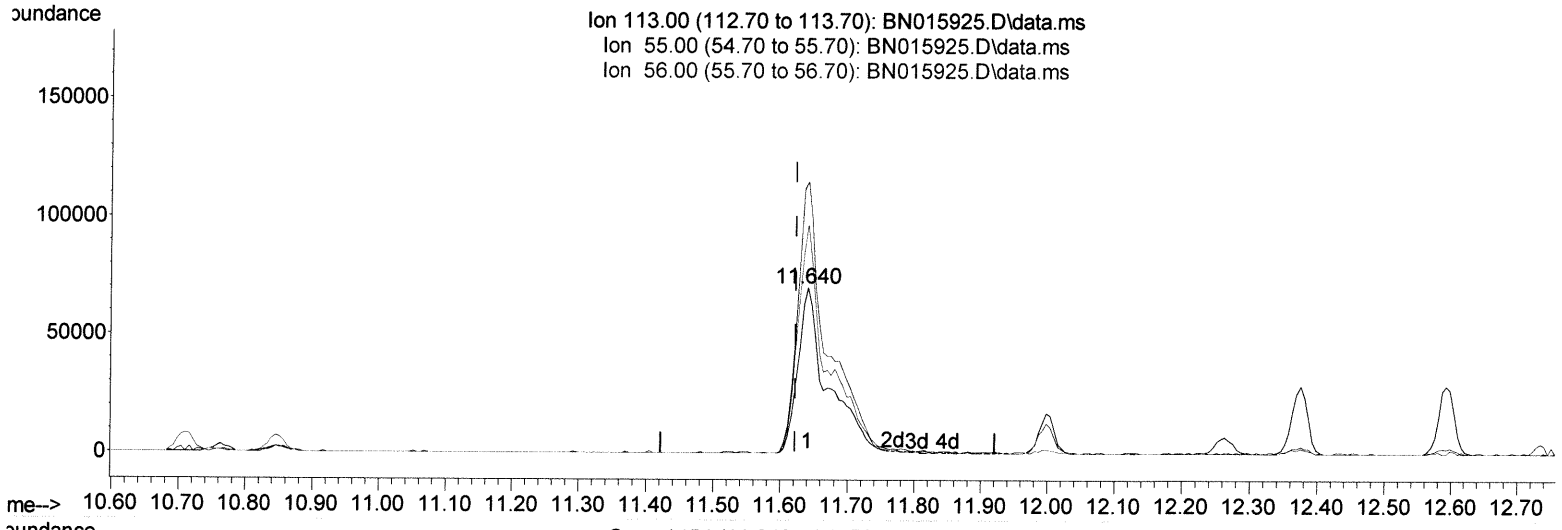

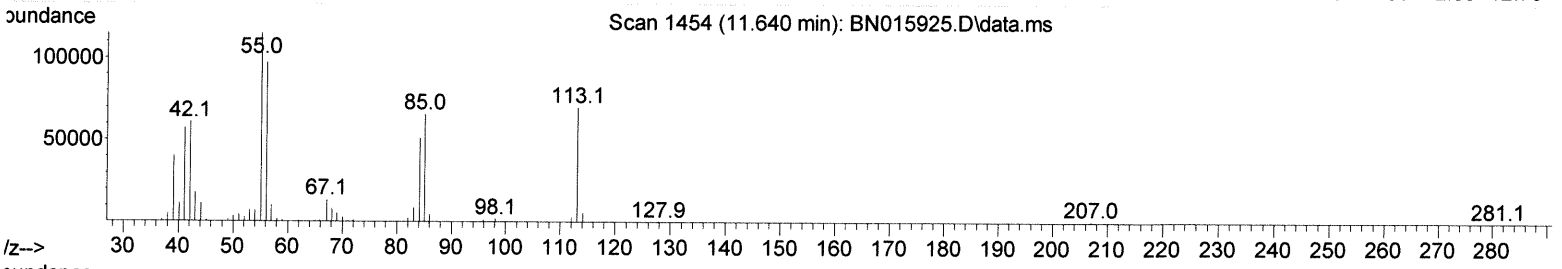

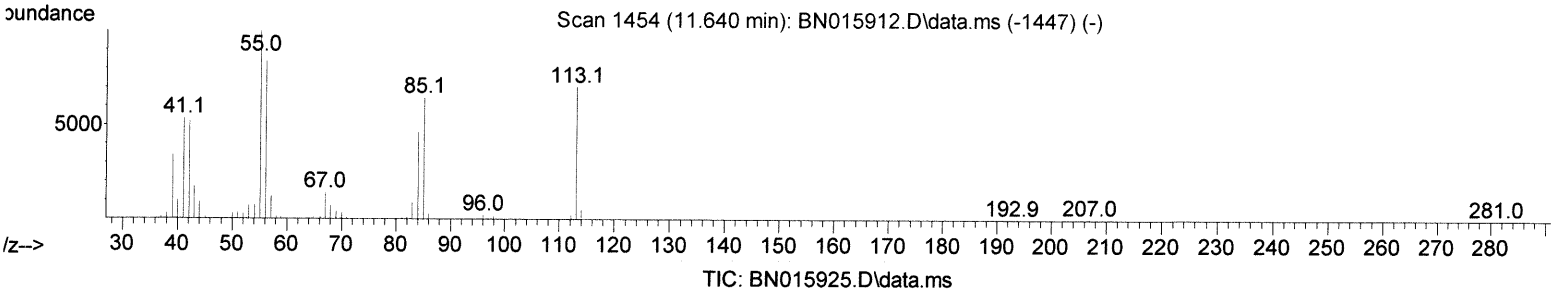

TIC: BN015925.D\data.ms

(34) Caprolactam

11.640min (+ 0.018) 44.48 ng/ul m JG 8/19/21

response 218836

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	164.33
56.00	127.80	138.55
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	257231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1068374	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	686906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1422888	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1382530	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1324174	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	45185	6.842	ng/uL	0.00
4) Pyridine-d5	3.740	84	664038	35.980	ng/ul	0.00
7) Phenol-d5	7.063	99	892476	38.356	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	523476	36.540	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	686385	41.456	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	708891	39.171	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	339581	43.185	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	366774	49.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	681345	42.784	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	880405	36.319	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2015994	40.046	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	2501092	39.672	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	362753	40.741	ng/ul	0.01
60) Fluorene-d10	15.545	176	1731123	39.423	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	317569	41.791	ng/ul	0.00
73) Anthracene-d10	17.398	188	2634307	39.500	ng/ul	0.00
81) Pyrene-d10	19.692	212	2992183	40.181	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	2851760	39.831	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	97023	14.292	ng/uL	93
5) Pyridine	3.758	79	685481	36.025	ng/ul	96
6) Benzaldehyde	7.034	77	599230m	50.052	ng/ul	97
8) Phenol	7.087	94	968692	40.839	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	725062	39.017	ng/ul	97
12) 2-Chlorophenol	7.463	128	725275	42.618	ng/ul	98
13) 2-Methylphenol	8.346	108	704248	40.532	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	899586	37.906	ng/ul	98
16) Acetophenone	8.728	105	1137191	38.939	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	606027	42.494	ng/ul	99
18) 4-Methylphenol	8.675	108	758465	40.786	ng/ul	90
19) Hexachloroethane	8.987	117	315447	40.818	ng/ul	88
22) Nitrobenzene	9.104	77	914293	41.119	ng/ul	98
23) Isophorone	9.634	82	1615361	41.759	ng/ul	99
25) 2-Nitrophenol	9.822	139	404781	50.437	ng/ul	98
26) 2,4-Dimethylphenol	9.887	107	840440	39.206	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.122	93	964892	40.610	ng/ul	97
29) 2,4-Dichlorophenol	10.357	162	694583	44.236	ng/ul	98
30) Naphthalene	10.763	128	2307256	40.322	ng/ul	98
32) 4-Chloroaniline	10.869	127	887290	37.074	ng/ul	97
33) Hexachlorobutadiene	11.051	225	506803	42.008	ng/ul	92
34) Caprolactam	11.640	113	218836m	44.483	ng/ul	99
35) 4-Chloro-3-methylphenol	11.998	107	825900	44.407	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1651024	41.493	ng/ul	97
37) 1-Methylnaphthalene	12.592	142	1608105	40.602	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	884463	39.801	ng/ul	96
40) Hexachlorocyclopentadiene	12.728	237	497908	34.560	ng/ul	93
41) 2,4,6-Trichlorophenol	12.981	196	569124	46.838	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	615209	46.375	ng/ul	95
43) 1,1'-Biphenyl	13.387	154	2099862	39.534	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1634000	39.840	ng/ul	95
45) 2-Nitroaniline	13.628	65	559224	48.120	ng/ul	97
47) Dimethylphthalate	14.004	163	2073538	41.551	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	432687	47.878	ng/ul	87
50) Acenaphthylene	14.275	152	2389108	39.864	ng/ul	99
51) 3-Nitroaniline	14.451	138	433828	44.646	ng/ul	95
52) Acenaphthene	14.616	153	1700432	39.227	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	211090	42.037	ng/ul	94
55) 4-Nitrophenol	14.763	109	369761	42.441	ng/ul	95
56) Dibenzofuran	14.951	168	2428030	40.514	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	619050	47.557	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	525667	47.888	ng/ul	98
59) Diethylphthalate	15.375	149	2161990	43.326	ng/ul	100
61) Fluorene	15.598	166	2027269	41.453	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	1030702	40.416	ng/ul	98
63) 4-Nitroaniline	15.616	138	467134	50.173	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.675	198	318817	42.183	ng/ul	98
67) N-Nitrosodiphenylamine	15.810	169	1716445	41.329	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	667851	43.739	ng/ul	99
69) Hexachlorobenzene	16.604	284	749952	42.030	ng/ul	95
70) Atrazine	16.757	200	623622	41.398	ng/ul	96
71) Pentachlorophenol	16.945	266	423789	42.336	ng/ul	95
72) Phenanthrene	17.339	178	3179779	41.108	ng/ul	99
74) Anthracene	17.433	178	3161999	40.039	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	930739	41.528	ng/uL	94
76) Pentachlorobenzene	14.869	250	909509	41.690	ng/uL	97
77) Carbazole	17.704	167	2823472	40.664	ng/ul	98
78) Di-n-butylphthalate	18.275	149	3579125	45.336	ng/ul	99
80) Fluoranthene	19.357	202	3809762	42.285	ng/ul	99
82) Pyrene	19.721	202	3833551	40.882	ng/ul	98
83) Butylbenzylphthalate	20.621	149	1549689	49.144	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.404	252	1239859	43.795	ng/ul	100
85) Benzo(a)anthracene	21.474	228	3722258	41.845	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2278229	45.554	ng/ul	96
87) Chrysene	21.527	228	3481465	40.424	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	3796092	45.295	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	3821355	43.895	ng/ul	96
91) Benzo(k)fluoranthene	23.221	252	3600957	41.544	ng/ul	99
93) Benzo(a)pyrene	23.804	252	3309864	42.000	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.433	276	4141828	42.387	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	3467353	42.983	ng/ul	96
96) Benzo(g,h,i)perylene	27.203	276	3343771	41.388	ng/ul	98

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