Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031935.D
Acq On : 28 Aug 2021 16:53
Operator : CG/JU
Sample : SSTD02020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 23:55:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 28 23:51:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020017

Manual Integrations APPROVED
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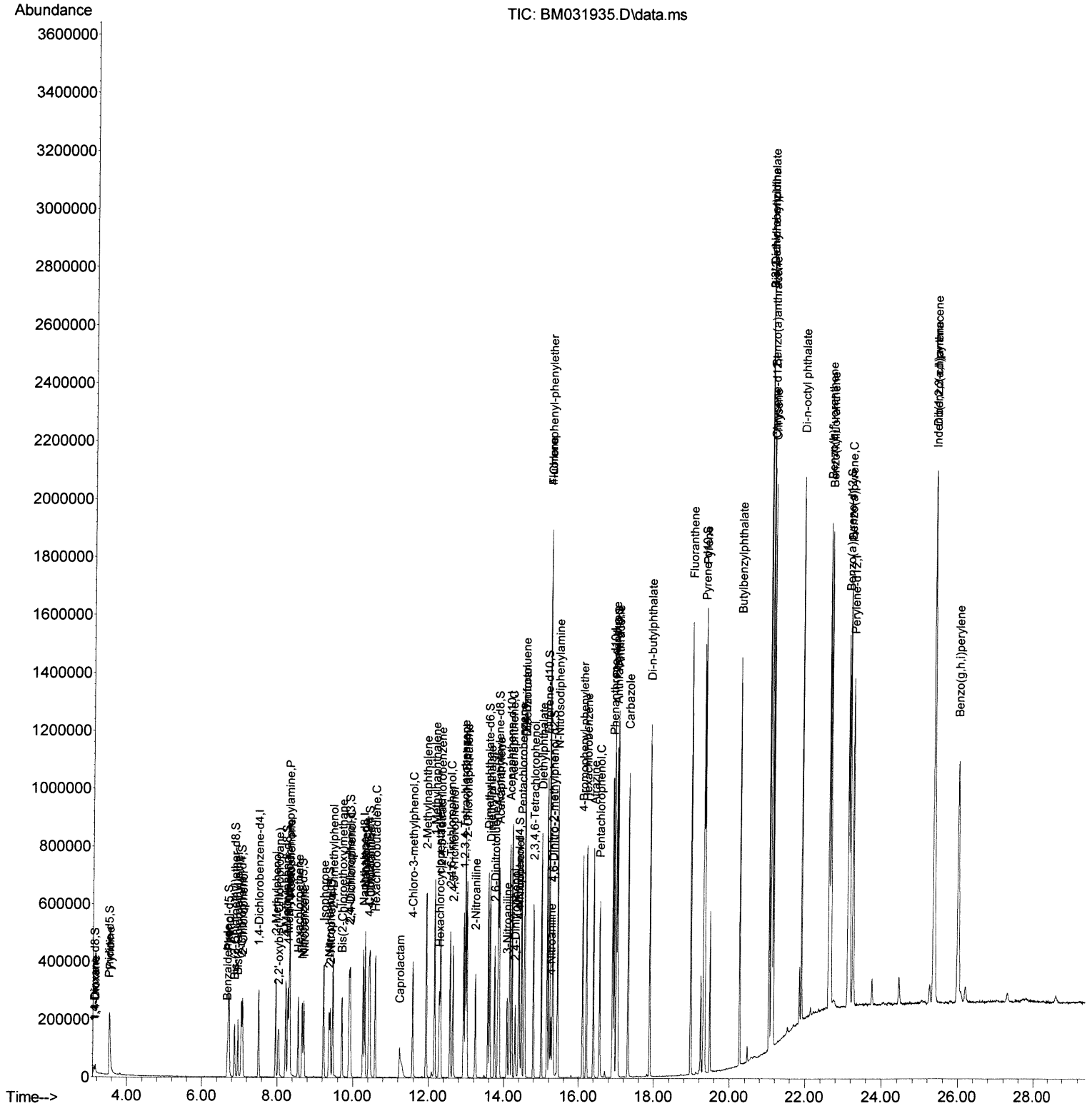

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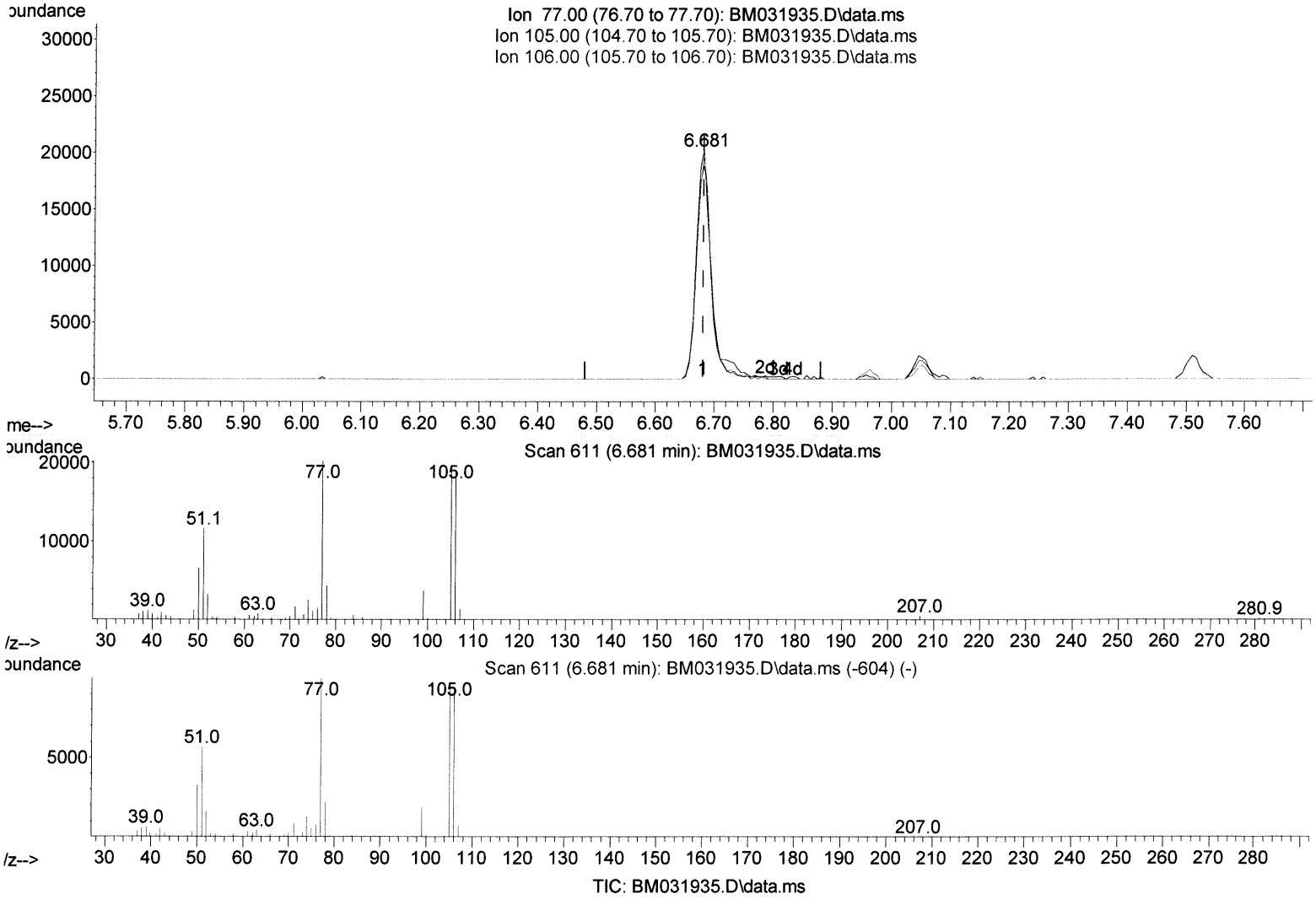

(6) Benzaldehyde

6.681min (0.000) 9.37 ng/ul

response 33942

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	96.91
106.00	93.70	93.51
0.00	0.00	0.00

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mohammad
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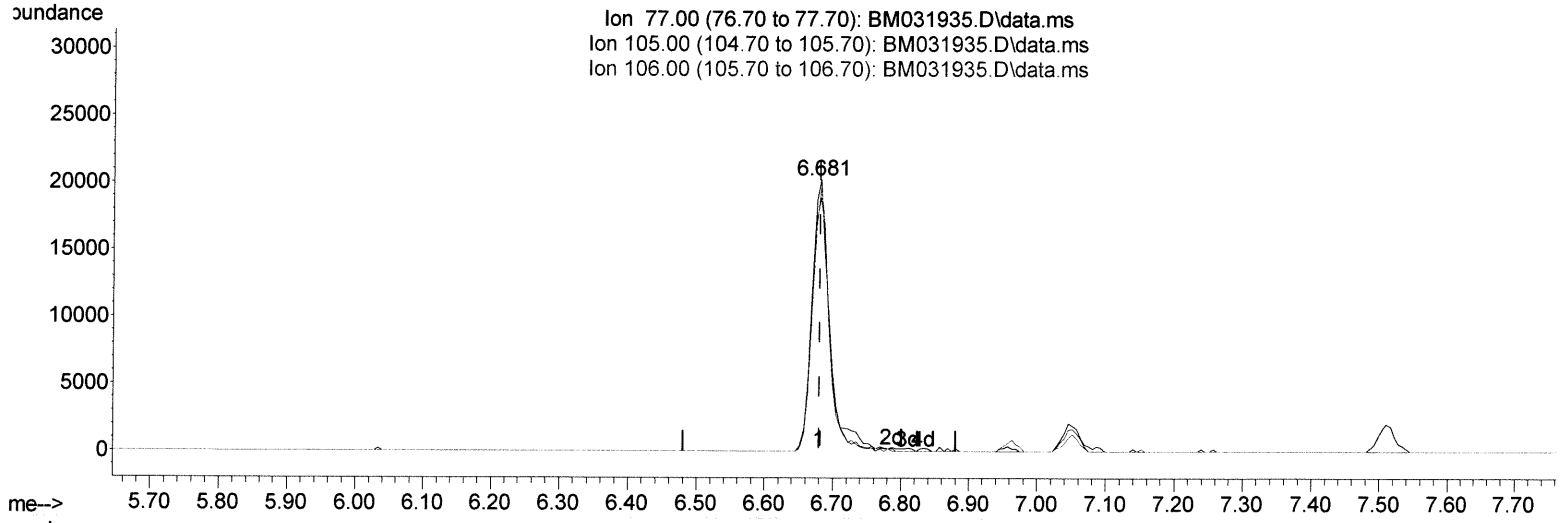

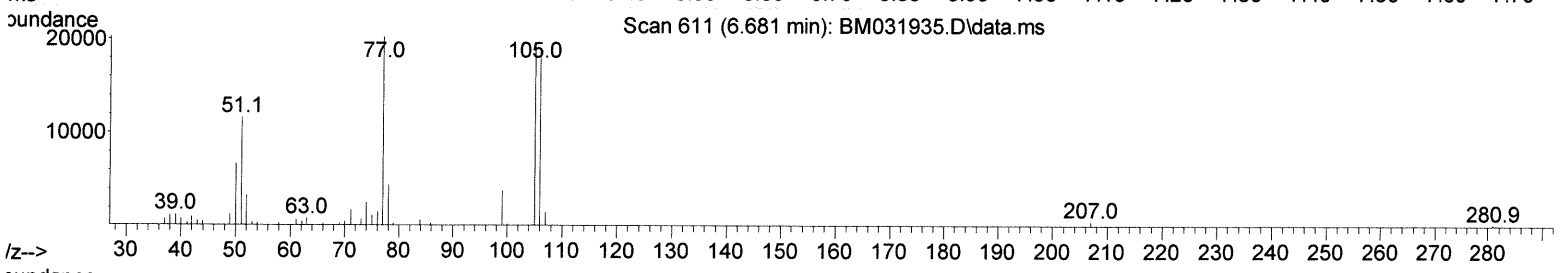

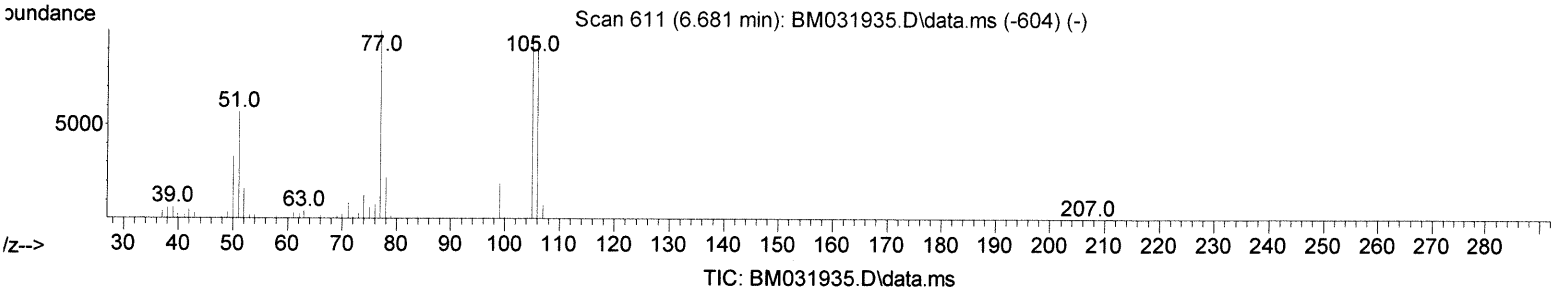

TIC: BM031935.D\data.ms

(6) Benzaldehyde

6.681min (0.000) 10.06 ng/ul m

JG 8/31/21

response 36467

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	96.91
106.00	93.70	93.51
0.00	0.00	0.00

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ALS Vial : 4 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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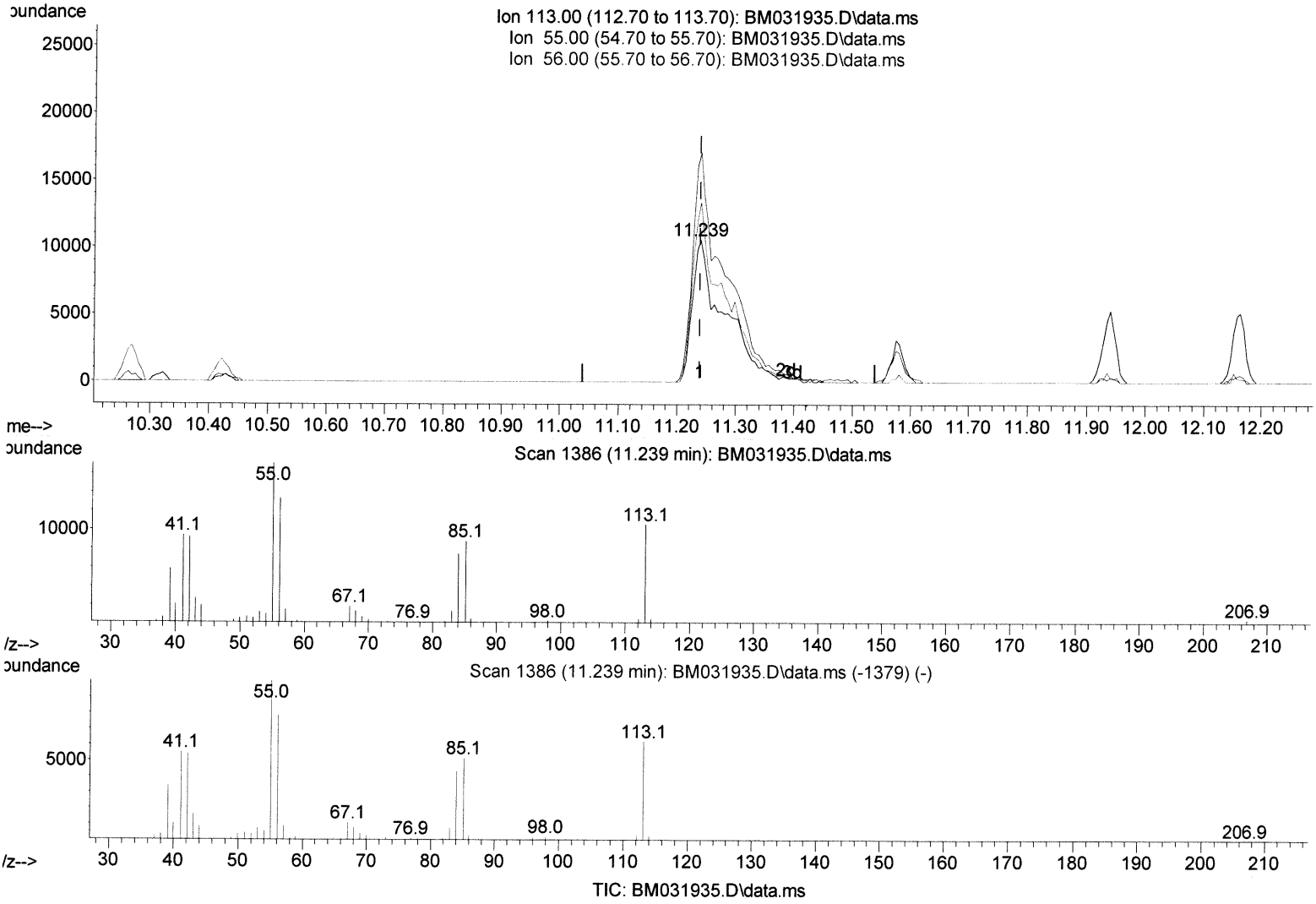

TIC: BM031935.D\data.ms

(34) Caprolactam

11.239min (0.000) 12.81 ng/ul

response 19818

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	161.30
56.00	127.40	126.28
0.00	0.00	0.00

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Sample : SSTD02020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 23:55:31 2021
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BNA_M
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Manual Integrations APPROVED
mohammad
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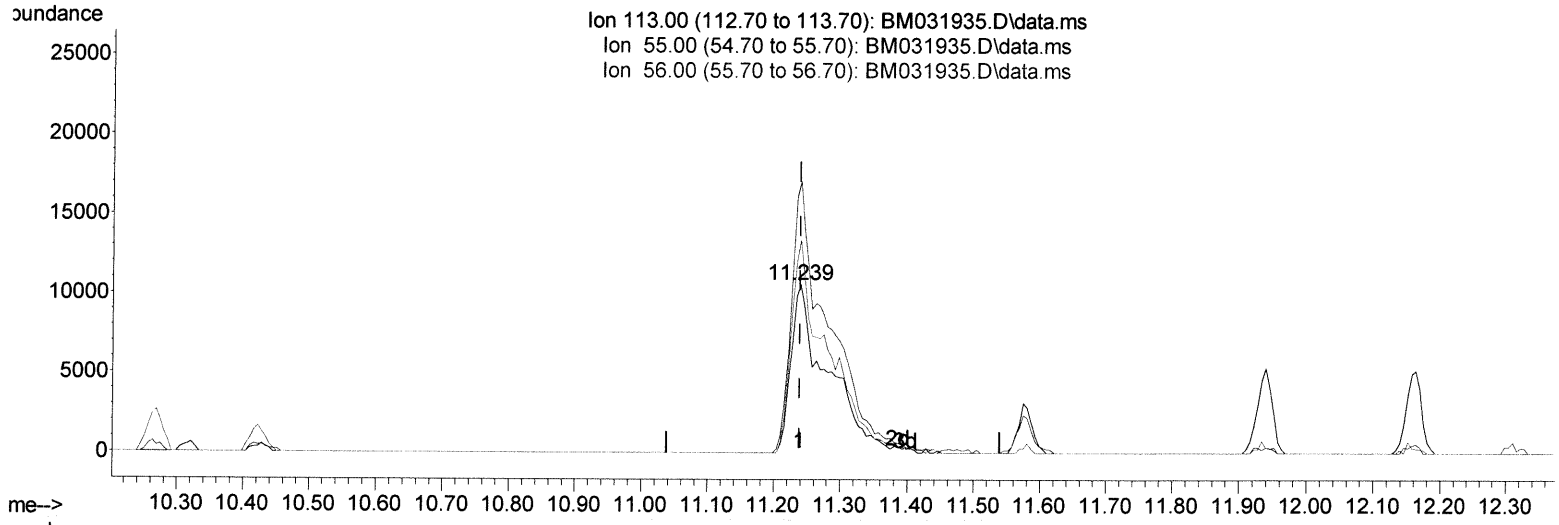

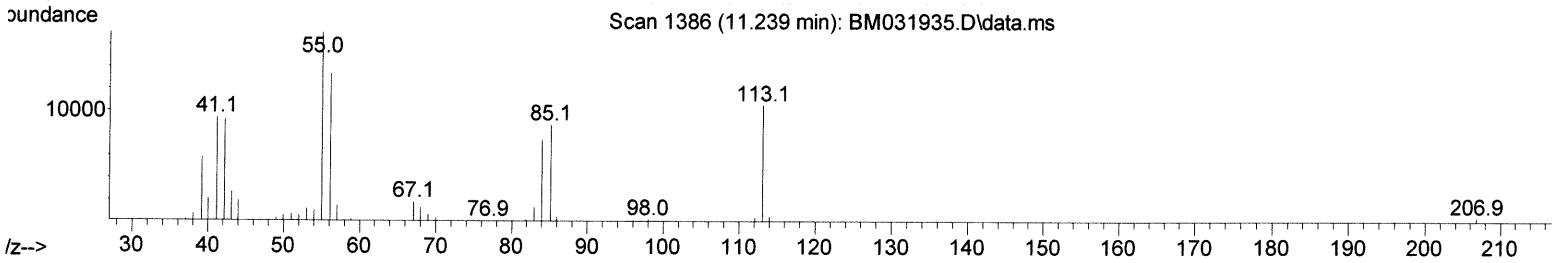

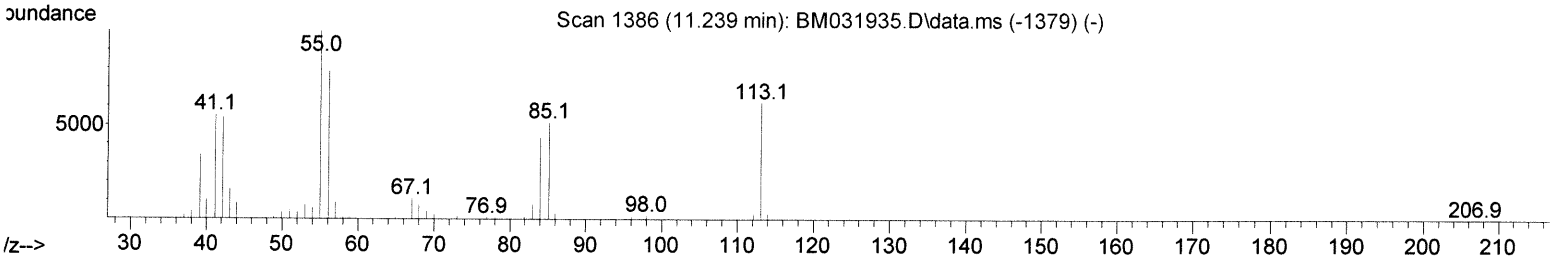

TIC: BM031935.D\data.ms

(34) Caprolactam

11.239min (0.000) 25.88 ng/ul m JU 8/31/21

response 40047

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	161.30
56.00	127.40	126.28
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	7.510	152	80602	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	352124	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	268790	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	610850	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	702641	20.000	ng/ul	0.00
88) Perylene-d12	23.250	264	764172	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	14722	7.137	ng/uL	0.00
4) Pyridine-d5	3.522	84	100509	18.633	ng/ul	0.00
7) Phenol-d5	6.704	99	130659	18.552	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	78916	17.396	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	109109	20.192	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	114289	20.249	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	56411	21.539	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	66048	23.049	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	131251	23.801	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	185330	23.665	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	445293	23.663	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	529197	22.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	76400	23.329	ng/ul	0.00
60) Fluorene-d10	15.151	176	389100	23.482	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	84173	21.490	ng/ul	0.00
73) Anthracene-d10	17.004	188	632717	22.227	ng/ul	0.00
81) Pyrene-d10	19.309	212	718494	18.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	873463	22.144	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	15920	7.486	ng/uL#	87
5) Pyridine	3.540	79	100998	17.175	ng/ul	94
6) Benzaldehyde	6.681	77	36467m	10.063	ng/ul	
8) Phenol	6.728	94	133452	18.487	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	104951	18.665	ng/ul	92
12) 2-Chlorophenol	7.081	128	109277	20.188	ng/ul	94
13) 2-Methylphenol	7.957	108	103460	19.715	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.040	45	138988	15.011	ng/ul#	93
16) Acetophenone	8.334	105	184864	20.812	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	96920	21.966	ng/ul	95
18) 4-Methylphenol	8.287	108	115039	19.978	ng/ul	99
19) Hexachloroethane	8.557	117	46412	20.376	ng/ul	88
22) Nitrobenzene	8.704	77	141903	21.073	ng/ul	98
23) Isophorone	9.228	82	260833	22.195	ng/ul	97
25) 2-Nitrophenol	9.404	139	68628	22.338	ng/ul	96
26) 2,4-Dimethylphenol	9.469	107	139733	21.931	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.710	93	154041	20.713	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	125710	23.503	ng/ul	96
30) Naphthalene	10.316	128	379484	21.431	ng/ul	99
32) 4-Chloroaniline	10.445	127	185515	23.613	ng/ul	98
33) Hexachlorobutadiene	10.592	225	82382	22.658	ng/ul	98
34) Caprolactam	11.239	113	40047m	25.883	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	133124	24.559	ng/ul	98

JU 8/31/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	299351	23.711	ng/ul	98
37) 1-Methylnaphthalene	12.163	142	306034	23.912	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	167245	20.512	ng/ul	99
40) Hexachlorocyclopentadiene	12.280	237	79135	15.967	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	112571	21.885	ng/ul	97
42) 2,4,5-Trichlorophenol	12.645	196	123909	22.727	ng/ul	99
43) 1,1'-Biphenyl	12.975	154	409883	20.928	ng/ul	95
44) 2-Chloronaphthalene	13.010	162	321734	20.990	ng/ul	99
45) 2-Nitroaniline	13.239	65	93483	21.705	ng/ul	100
47) Dimethylphthalate	13.627	163	434705	23.580	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	88738	24.992	ng/ul	96
50) Acenaphthylene	13.869	152	487250	21.942	ng/ul	97
51) 3-Nitroaniline	14.080	138	63183	17.032	ng/ul	99
52) Acenaphthene	14.216	153	348982	21.543	ng/ul	97
53) 2,4-Dinitrophenol	14.298	184	52309	24.723	ng/ul	95
55) 4-Nitrophenol	14.404	109	71286	25.646	ng/ul	84
56) Dibenzofuran	14.557	168	514762	22.567	ng/ul	99
57) 2,4-Dinitrotoluene	14.545	165	131319	26.528	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.786	232	112490	24.814	ng/ul	99
59) Diethylphthalate	15.004	149	449687	24.577	ng/ul	98
61) Fluorene	15.210	166	436458	23.231	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.210	204	223046	23.589	ng/ul	100
63) 4-Nitroaniline	15.257	138	48292	13.666	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.310	198	82426	21.798	ng/ul	98
67) N-Nitrosodiphenylamine	15.433	169	385737	21.182	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	135065	20.994	ng/ul	95
69) Hexachlorobenzene	16.210	284	155761	21.333	ng/ul	98
70) Atrazine	16.398	200	139898	21.570	ng/ul	97
71) Pentachlorophenol	16.563	266	92316	20.806	ng/ul	97
72) Phenanthrene	16.951	178	721600	22.138	ng/ul	100
74) Anthracene	17.039	178	740158	22.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	169875	17.938	ng/uL	98
76) Pentachlorobenzene	14.469	250	179701	19.392	ng/uL	98
77) Carbazole	17.321	167	659158	22.642	ng/ul	100
78) Di-n-butylphthalate	17.892	149	797551	23.771	ng/ul	99
80) Fluoranthene	18.974	202	883572	18.491	ng/ul#	95
82) Pyrene	19.339	202	920474	18.587	ng/ul	96
83) Butylbenzylphthalate	20.262	149	378930	22.384	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.039	252	311707	24.311	ng/ul	97
85) Benzo(a)anthracene	21.098	228	961259	21.881	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.045	149	612173	24.530	ng/ul#	97
87) Chrysene	21.145	228	922592	21.344	ng/ul	100
89) Di-n-octyl phthalate	21.897	149	1076812	22.690	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	1034384	21.013	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	1049249	21.929	ng/ul	98
93) Benzo(a)pyrene	23.156	252	951901	21.852	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.356	276	1204177	22.227	ng/ul	95
95) Dibenzo(a,h)anthracene	25.362	278	1006372	22.155	ng/ul	97
96) Benzo(g,h,i)perylene	25.997	276	993756	22.879	ng/ul	96

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