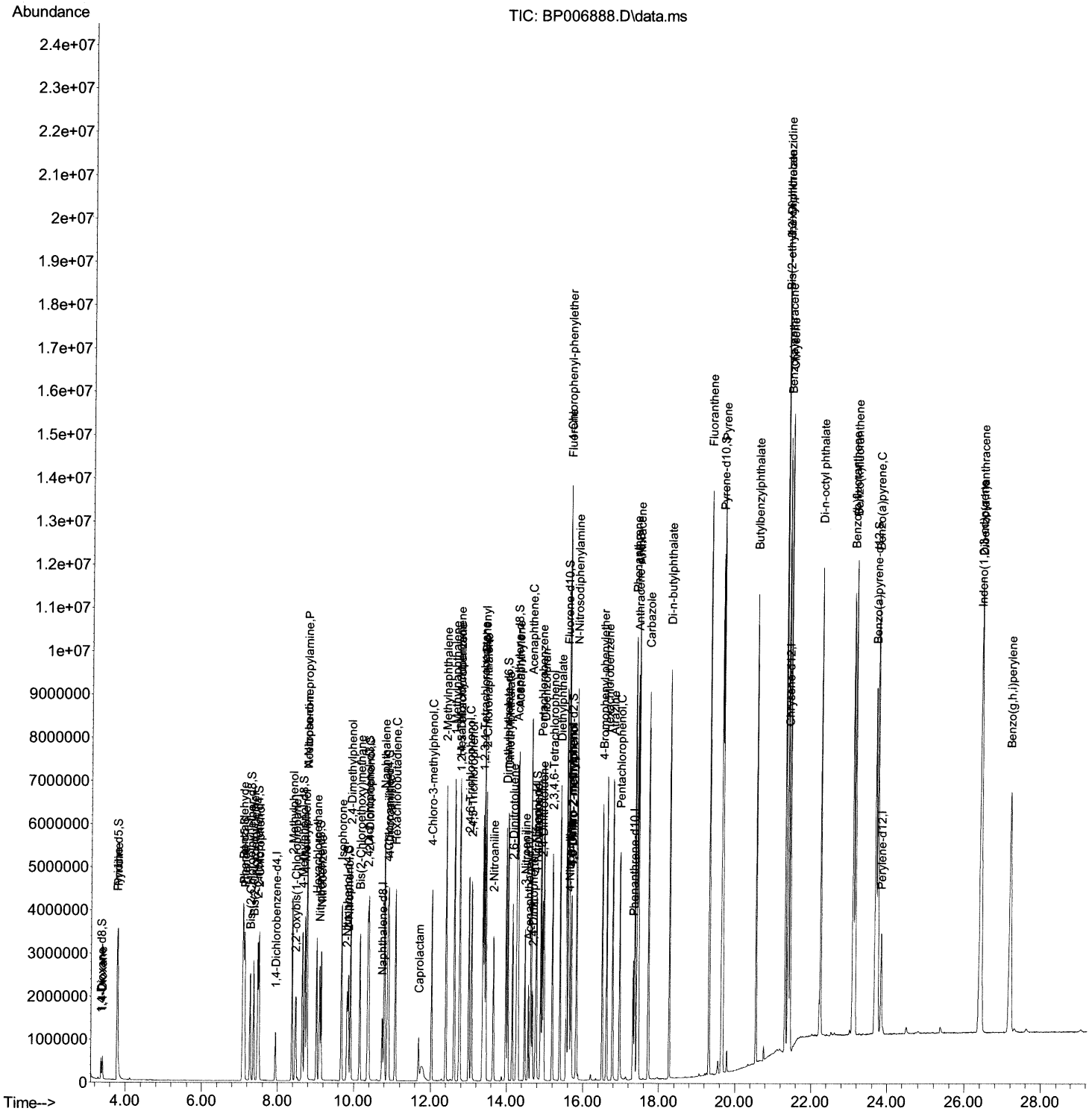
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006888.D
Acq On : 08 Sep 2021 18:06
Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 02:00:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 01:57:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080619

Manual Integrations APPROVED
mohammad
9/9/2021 11:59:27 AM



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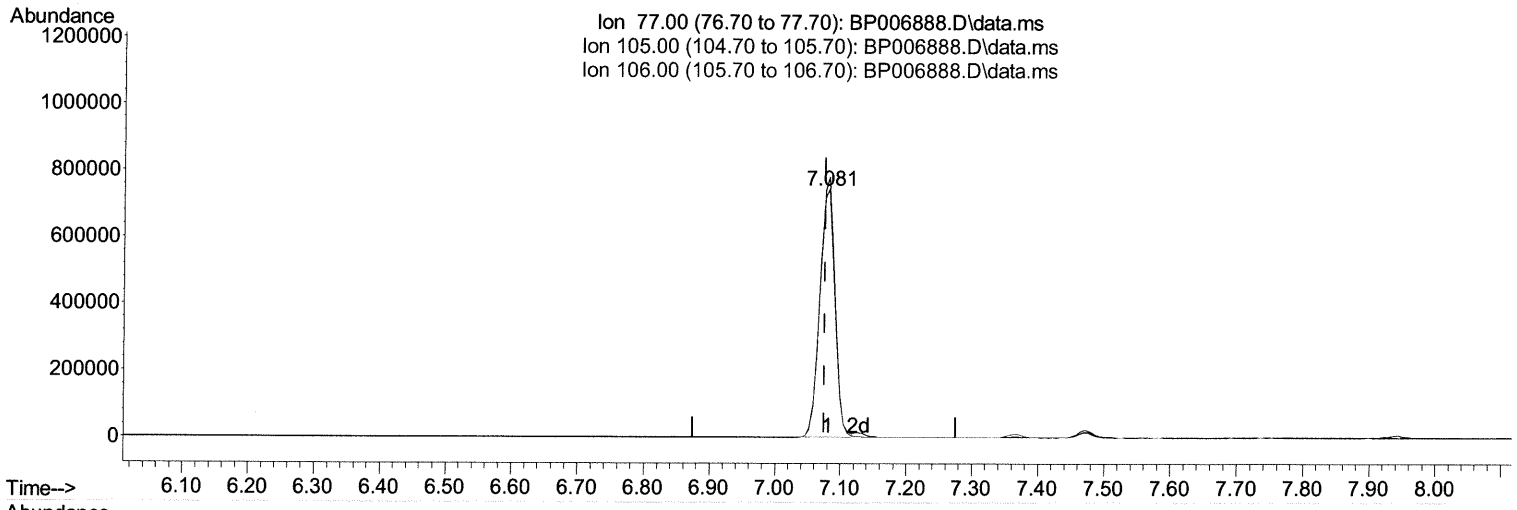

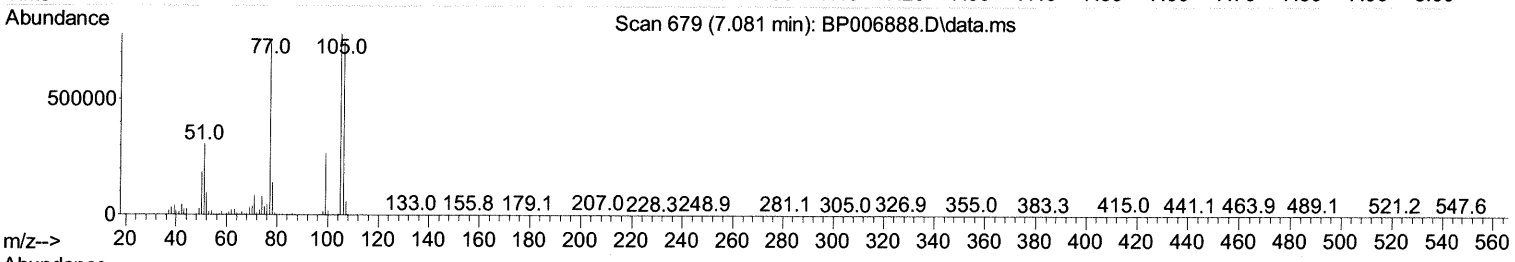

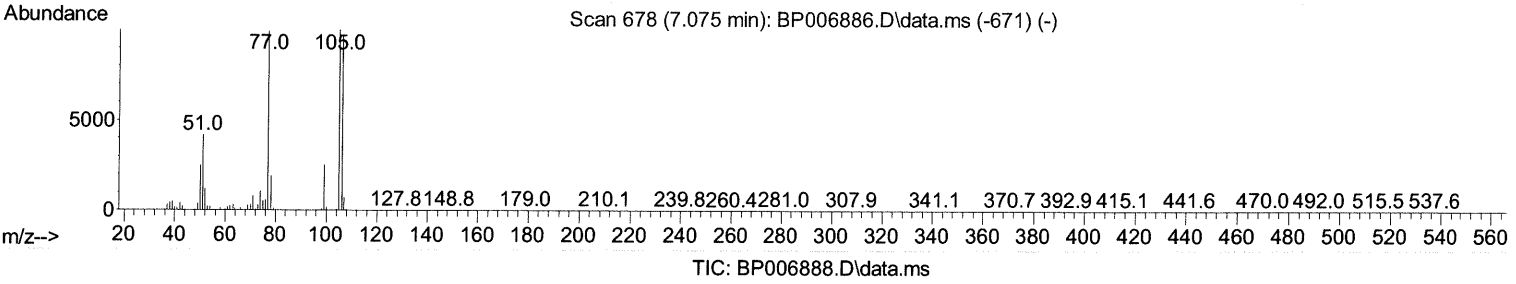

TIC: BP006888.D\data.ms

(6) Benzaldehyde

7.081min (+ 0.006) 78.54 ng/ul

response 1204393

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	105.27
106.00	87.90	100.75
0.00	0.00	0.00

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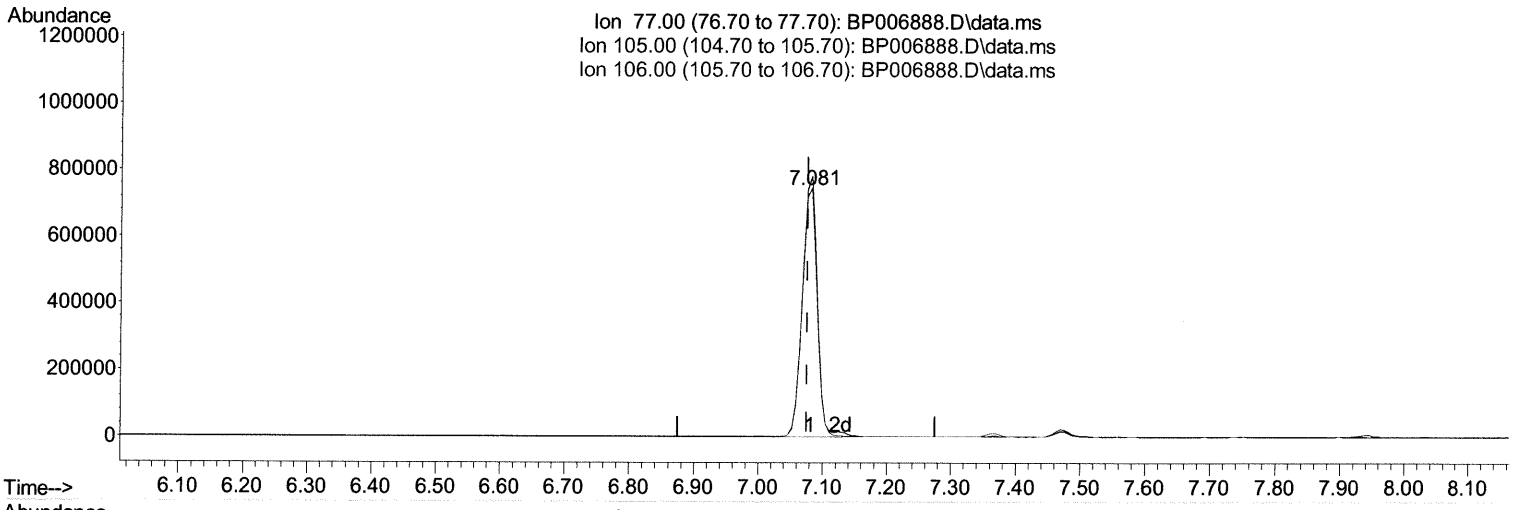

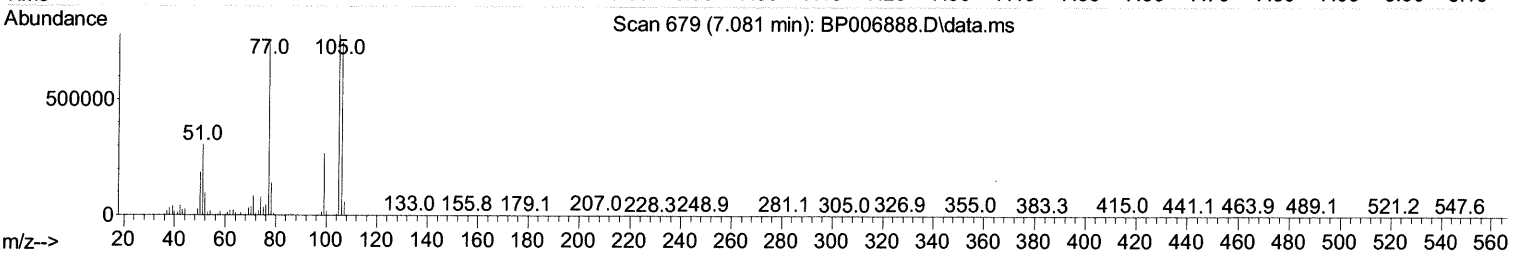

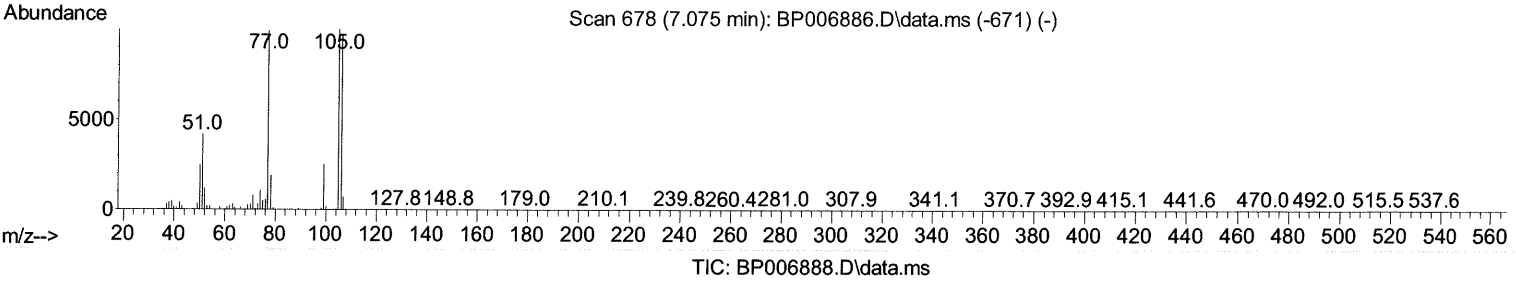

TIC: BP006888.D\data.ms

(6) Benzaldehyde

7.081min (+ 0.006) 79.82 ng/ul m 09/13/21 JU

response 1224088

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.00	105.27
106.00	87.90	100.75
0.00	0.00	0.00

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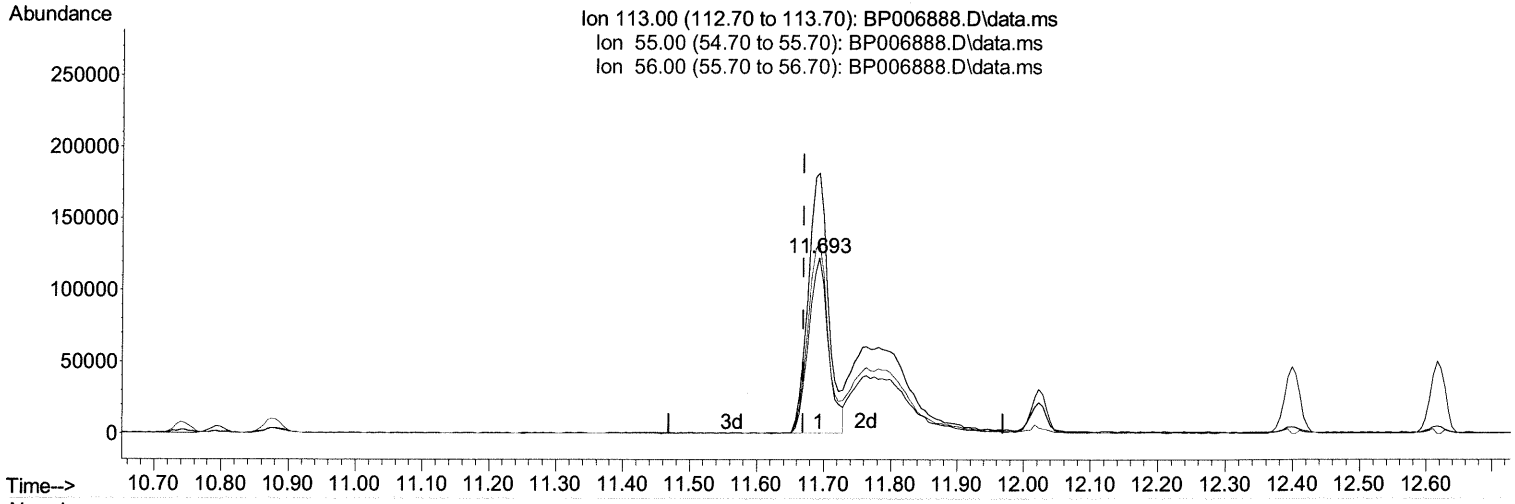

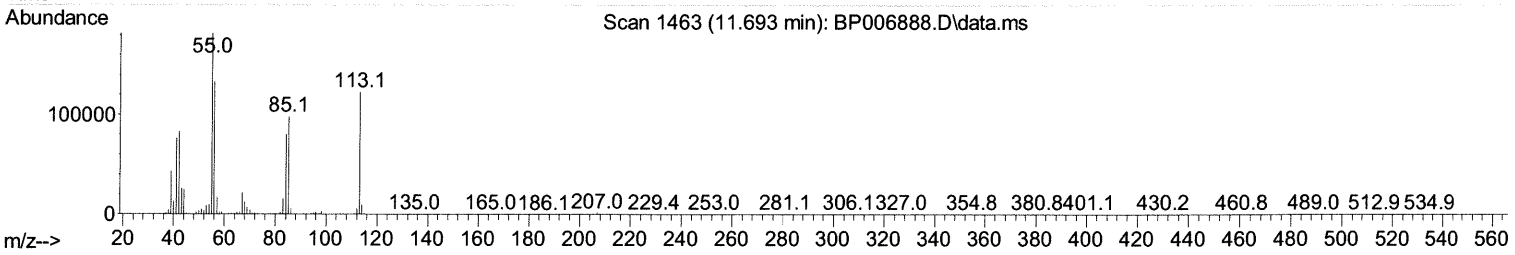

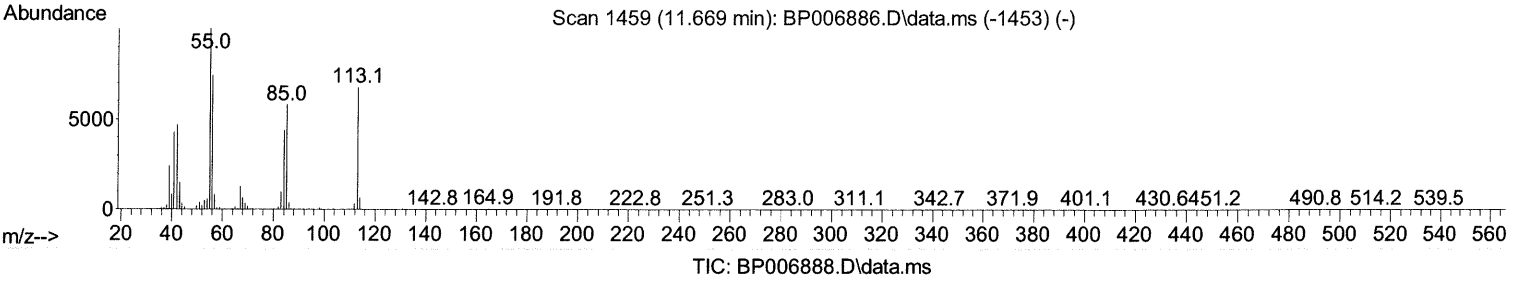

(34) Caprolactam

11.693min (+ 0.024) 34.19 ng/ul

response 249934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	147.92
56.00	122.70	108.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

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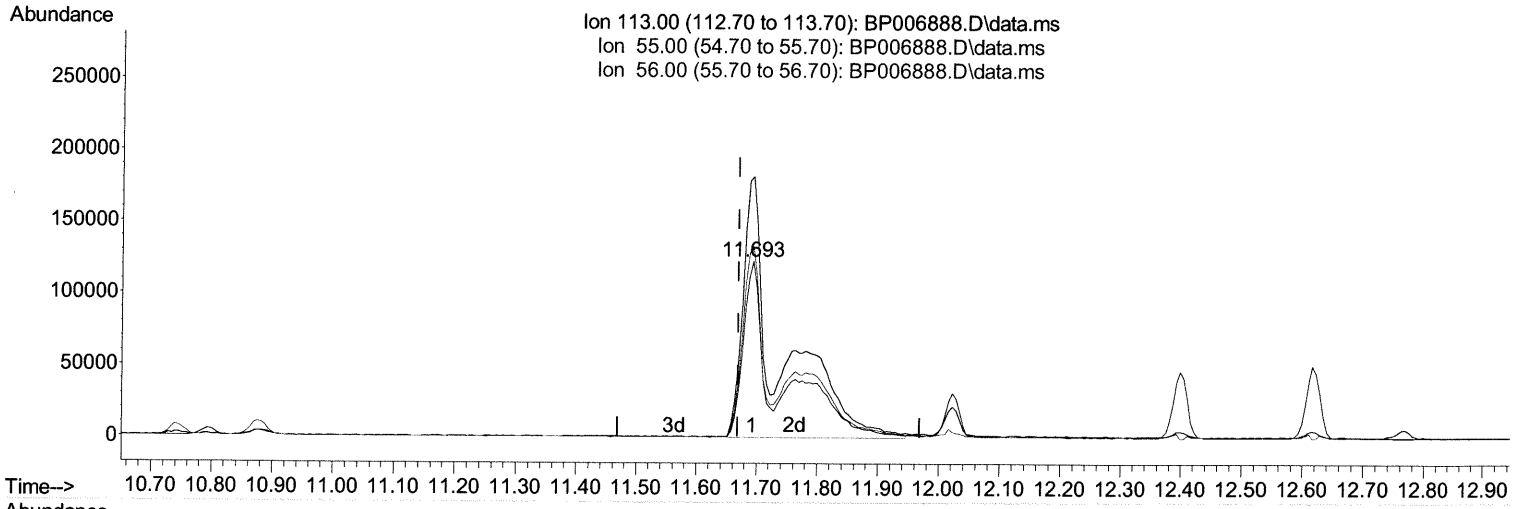

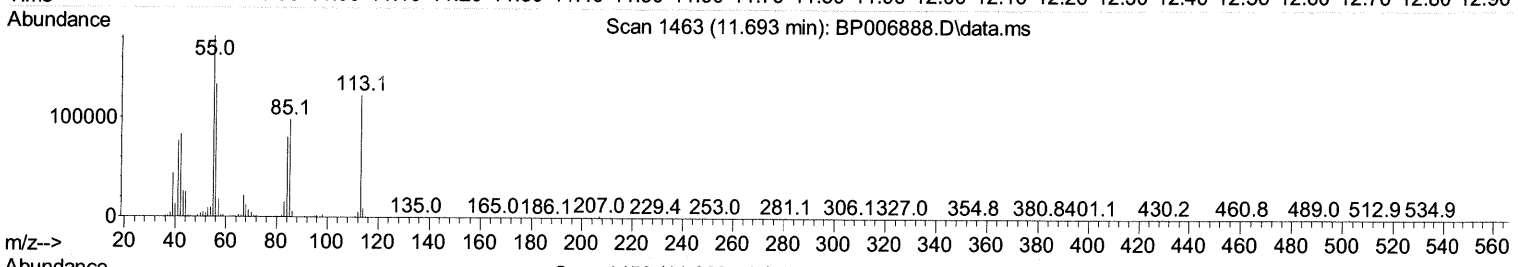

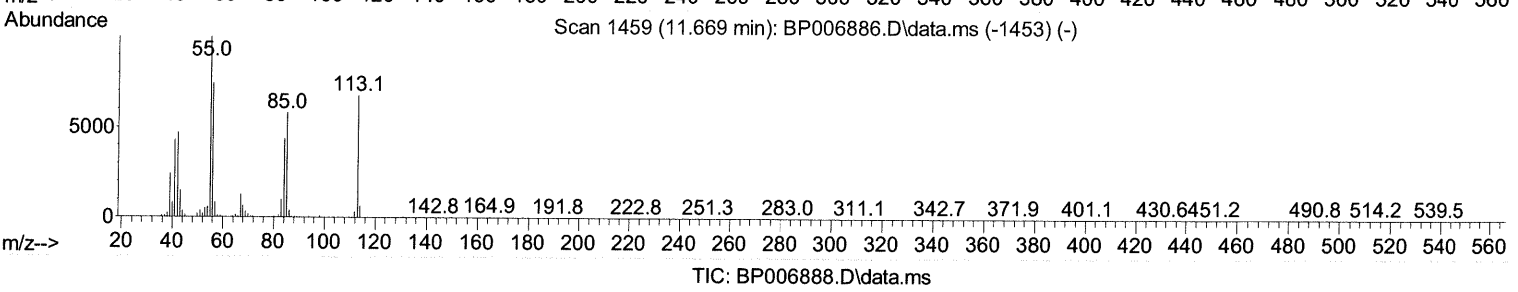

(34) Caprolactam

11.693min (+ 0.024) 67.55 ng/ul m 09/13/21 JU

response 493810

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	147.92
56.00	122.70	108.33
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	310244	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	1254216	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	803999	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	1701057	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	1657631	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	1742158	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	246801	26.907	ng/uL	0.00
4) Pyridine-d5	3.781	84	1710328	64.864	ng/ul	0.00
7) Phenol-d5	7.099	99	1938083	62.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	1084804	56.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	1597405	68.770	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	1540037	61.808	ng/ul	0.01
21) Nitrobenzene-d5	9.105	128	718328	67.471	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	775513	69.614	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	1594666	84.724	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	2057592	67.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	4304742	69.816	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	5506236	72.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	830367	64.474	ng/ul	0.02
60) Fluorene-d10	15.557	176	3688727	73.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	740111	65.824	ng/ul	0.01
73) Anthracene-d10	17.416	188	5678131	70.549	ng/ul	0.00
81) Pyrene-d10	19.645	212	6425827	73.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	7143698	76.040	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	269942	28.965	ng/uL	90
5) Pyridine	3.799	79	1713245	62.764	ng/ul	90
6) Benzaldehyde	7.081	77	1224088m	> 79.824	ng/ul	> 09/13/21 JU
8) Phenol	7.128	94	1988527	62.429	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.363	93	1576812	64.226	ng/ul	98
12) 2-Chlorophenol	7.505	128	1606379	68.582	ng/ul	92
13) 2-Methylphenol	8.381	108	1519953	64.857	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1787356	62.308	ng/ul	97
16) Acetophenone	8.769	105	2247102	57.289	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.763	70	1073440	50.878	ng/ul#	94
18) 4-Methylphenol	8.716	108	1626334	63.831	ng/ul	99
19) Hexachloroethane	9.022	117	639787	62.769	ng/ul#	77
22) Nitrobenzene	9.146	77	1619683	58.109	ng/ul#	87
23) Isophorone	9.681	82	3215488	61.864	ng/ul#	93
25) 2-Nitrophenol	9.857	139	852279	72.536	ng/ul#	82
26) 2,4-Dimethylphenol	9.916	107	1722372	68.234	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.157	93	2030663	67.397	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	1530809	83.833	ng/ul#	95
30) Naphthalene	10.793	128	4887142	71.797	ng/ul	100
32) 4-Chloroaniline	10.904	127	2091659	69.677	ng/ul	99
33) Hexachlorobutadiene	11.081	225	1008468	93.670	ng/ul	96
34) Caprolactam	11.693	113	493810m	> 67.548	ng/ul	> 09/13/21 JU
35) 4-Chloro-3-methylphenol	12.022	107	1576562	67.494	ng/ul	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	3351058	71.643	ng/ul	99
37) 1-Methylnaphthalene	12.616	142	3393666	72.905	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	1900138	87.697	ng/ul#	93
40) Hexachlorocyclopentadiene	12.751	237	1293352	90.985	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	1226198	82.406	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	1330134	83.961	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	4418681	70.695	ng/ul#	97
44) 2-Chloronaphthalene	13.446	162	3467999	73.134	ng/ul	93
45) 2-Nitroaniline	13.646	65	881725	51.564	ng/ul#	76
47) Dimethylphthalate	14.028	163	4298458	70.483	ng/ul	98
48) 2,6-Dinitrotoluene	14.145	165	902595	76.680	ng/ul#	73
50) Acenaphthylene	14.293	152	5533422	74.844	ng/ul	99
51) 3-Nitroaniline	14.469	138	948221	70.343	ng/ul	83
52) Acenaphthene	14.634	153	3601820	68.324	ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	510581	67.064	ng/ul#	68
55) 4-Nitrophenol	14.775	109	593347	51.376	ng/ul#	85
56) Dibenzofuran	14.969	168	5133217	72.826	ng/ul#	86
57) 2,4-Dinitrotoluene	14.928	165	1271514	73.425	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.187	232	1103290	83.894	ng/ul#	77
59) Diethylphthalate	15.392	149	4266710	65.820	ng/ul#	94
61) Fluorene	15.616	166	4023719	68.462	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.610	204	2095850	78.773	ng/ul#	79
63) 4-Nitroaniline	15.640	138	949509	75.222	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.692	198	743396	66.139	ng/ul#	73
67) N-Nitrosodiphenylamine	15.822	169	3615838	69.202	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	1367868	81.534	ng/ul#	82
69) Hexachlorobenzene	16.622	284	1557887	82.168	ng/ul#	83
70) Atrazine	16.781	200	1447400	78.086	ng/ul	94
71) Pentachlorophenol	16.963	266	987124	79.486	ng/ul	98
72) Phenanthrene	17.357	178	6623622	68.925	ng/ul	98
74) Anthracene	17.451	178	6583727	67.467	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	1981426	85.661	ng/uL	99
76) Pentachlorobenzene	14.887	250	1895798	83.184	ng/uL	100
77) Carbazole	17.716	167	6061171	66.500	ng/ul	98
78) Di-n-butylphthalate	18.275	149	7176004	60.892	ng/ul#	97
80) Fluoranthene	19.322	202	7854246	71.788	ng/ul	94
82) Pyrene	19.675	202	7896801	69.879	ng/ul	94
83) Butylbenzylphthalate	20.545	149	3276695	58.650	ng/ul#	86
84) 3,3'-Dichlorobenzidine	21.316	252	3016984	79.759	ng/ul#	98
85) Benzo(a)anthracene	21.386	228	7795461	72.201	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.310	149	4566380	53.042	ng/ul#	92
87) Chrysene	21.439	228	7532478	72.358	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	8129918	53.986	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	8276629	73.133	ng/ul	97
91) Benzo(k)fluoranthene	23.145	252	7910641	72.197	ng/ul	97
93) Benzo(a)pyrene	23.739	252	8129025	79.291	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.404	276	9582015	71.480	ng/ul	96
95) Dibenzo(a,h)anthracene	26.427	278	8176278	72.613	ng/ul	96
96) Benzo(g,h,i)perylene	27.192	276	8133677	73.078	ng/ul	95

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

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