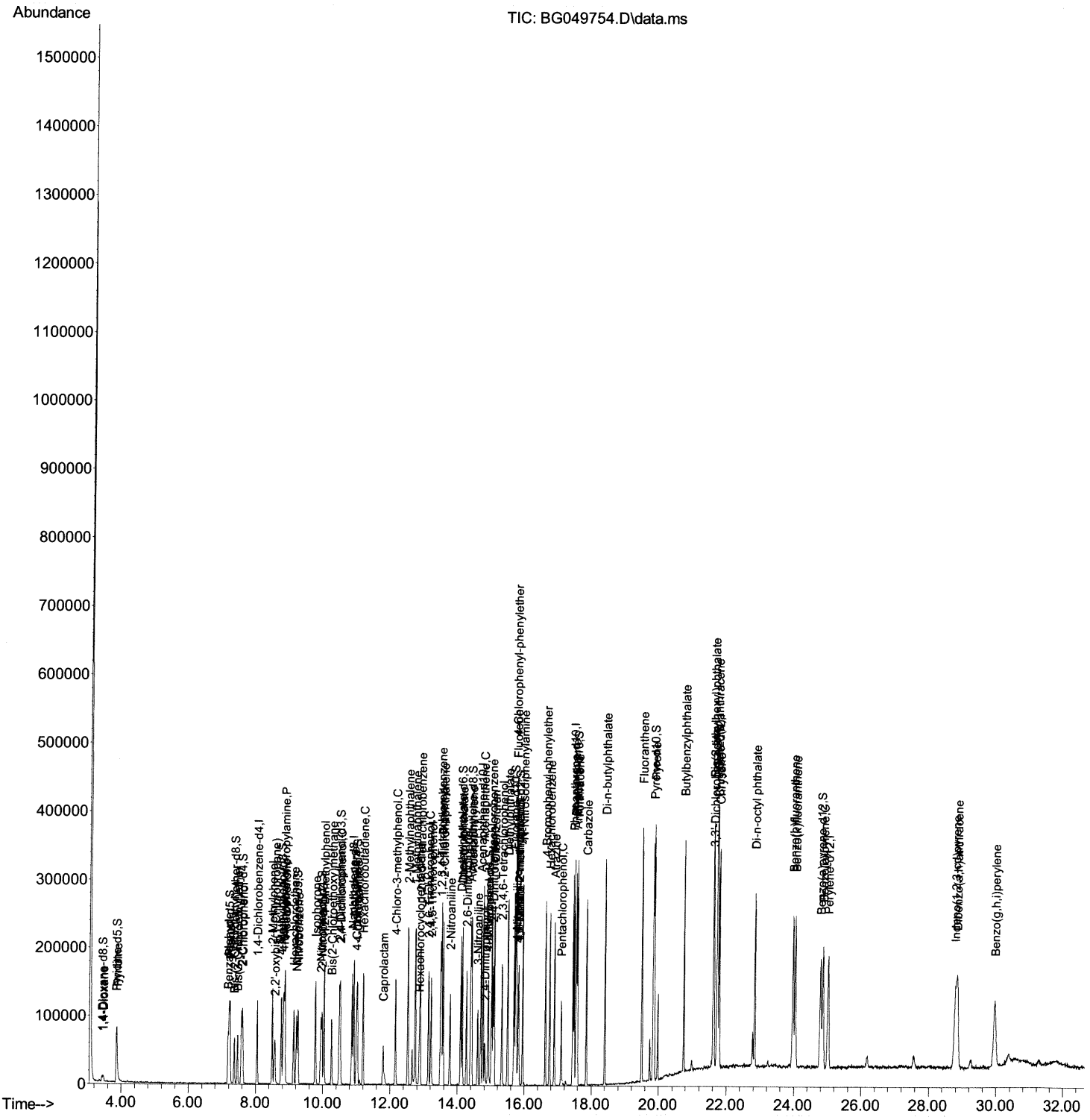
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049754.D
Acq On : 10 Aug 2021 3:52
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 09:06:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:54 PM



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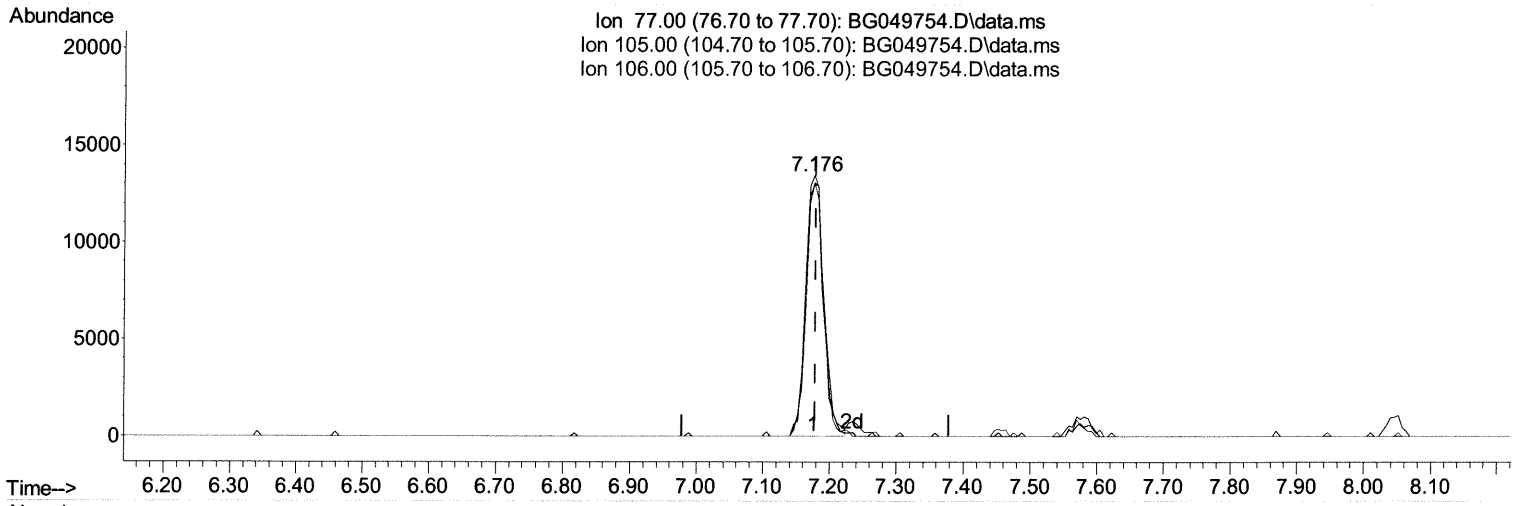

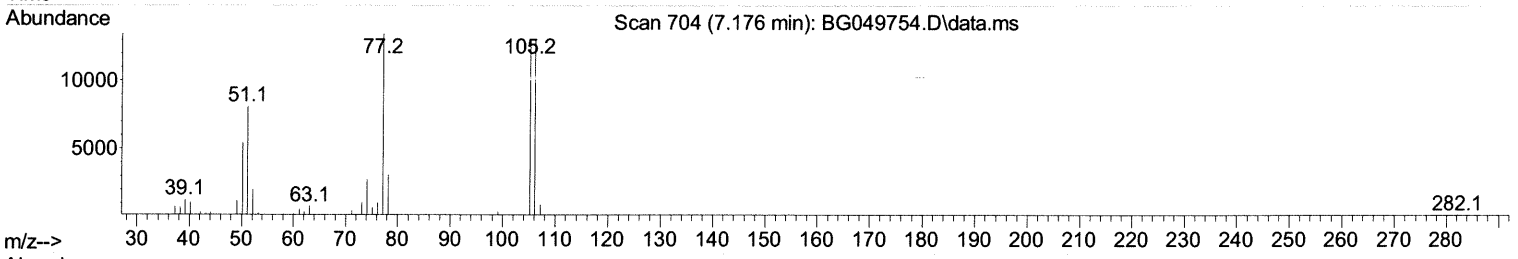

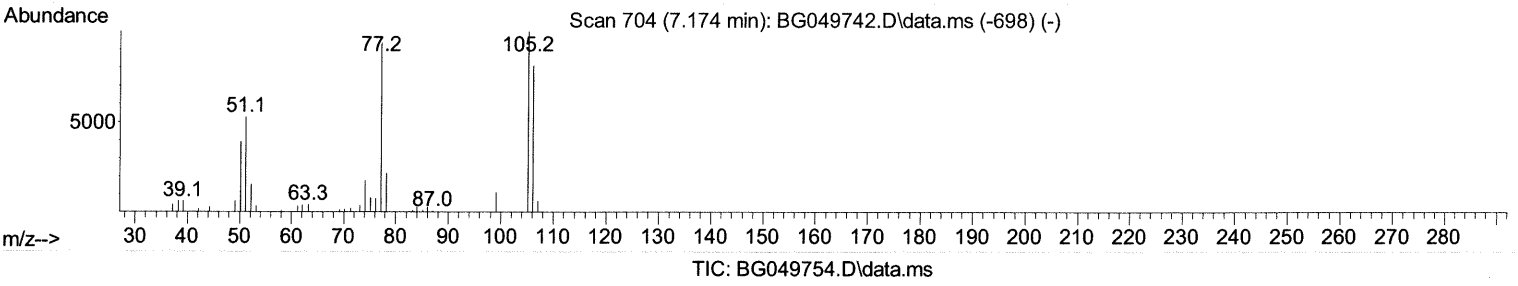

TIC: BG049754.D\data.ms

(6) Benzaldehyde

7.176min (-0.003) 16.38 ng/ul

response 25668

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	97.34
106.00	101.20	97.16
0.00	0.00	0.00

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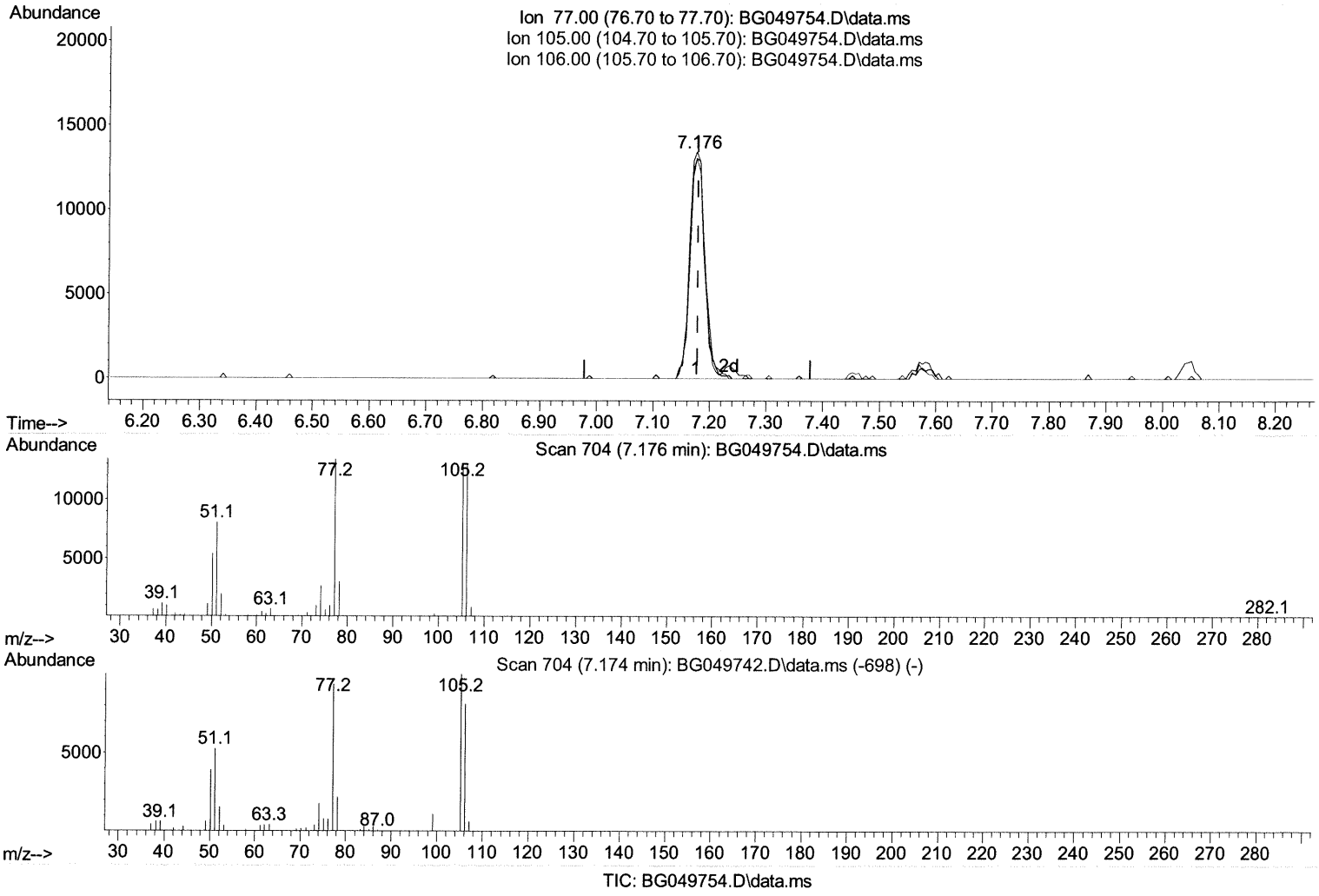

TIC: BG049754.D\data.ms

(6) Benzaldehyde

7.176min (-0.003) 17.05 ng/ul m 08/12/21JU

response 26709

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	97.34
106.00	101.20	97.16
0.00	0.00	0.00

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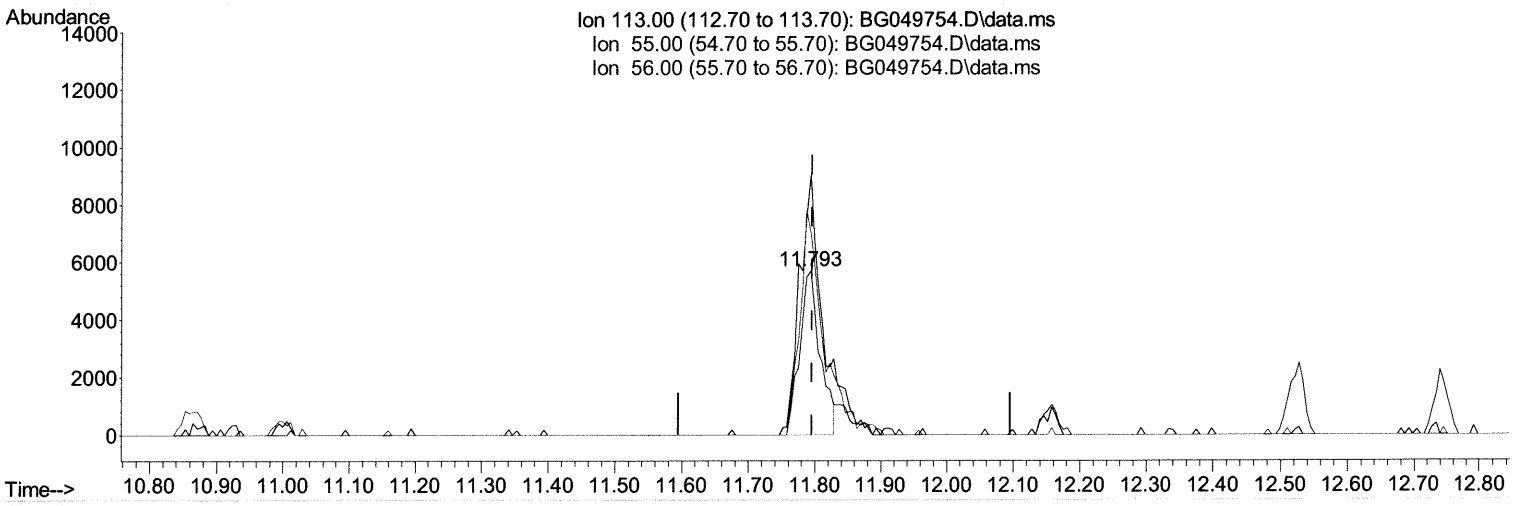

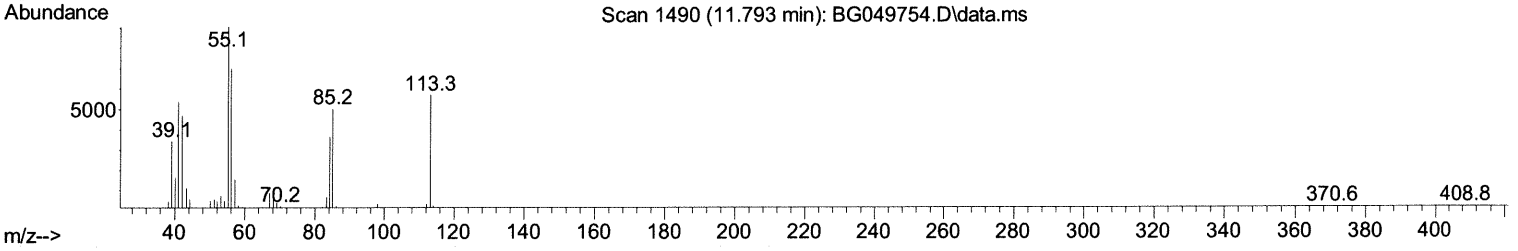

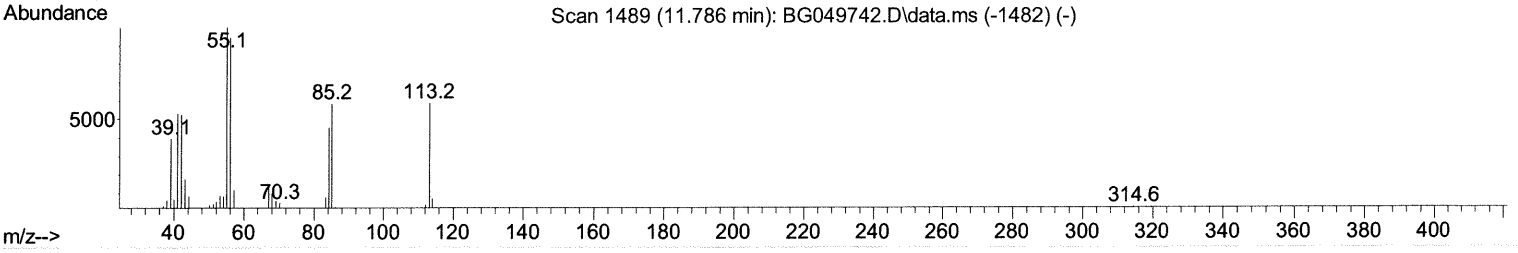

TIC: BG049754.D\data.ms

(34) Caprolactam

11.793min (-0.003) 17.73 ng/ul

response 12187

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	158.86
56.00	125.20	123.04
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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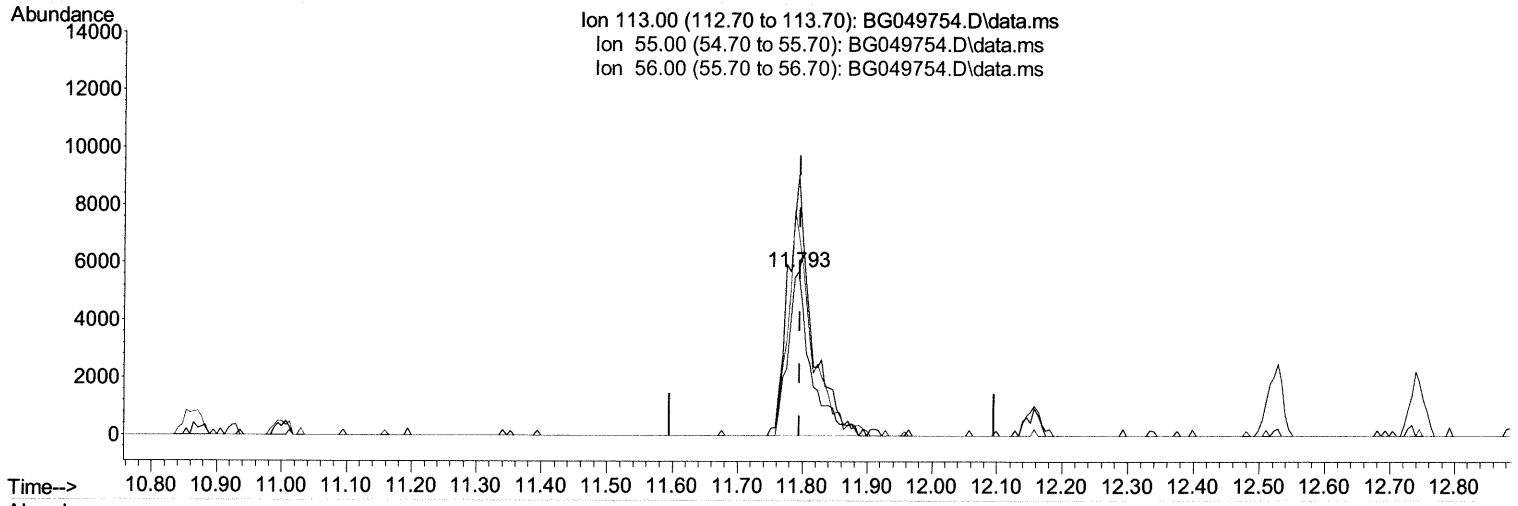

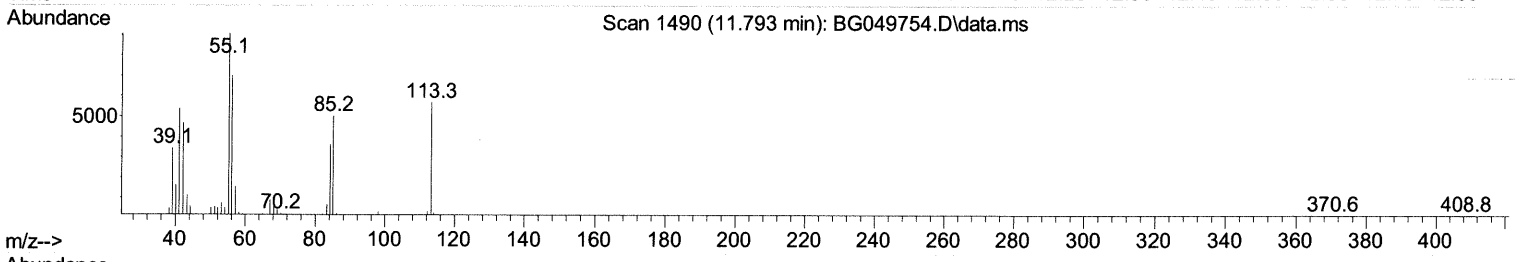

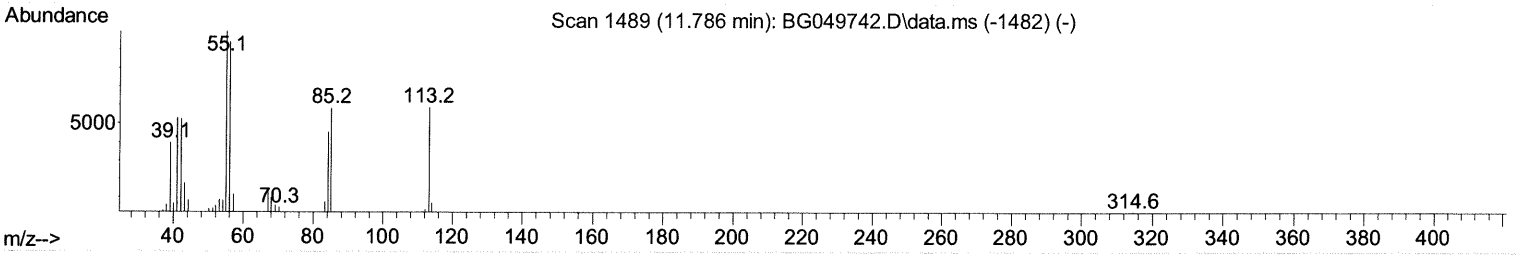

TIC: BG049754.D\data.ms

(34) Caprolactam

11.793min (-0.003) 20.41 ng/ul m 08/12/21JU

response 14024

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	158.86
56.00	125.20	123.04
0.00	0.00	0.00

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	32396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	133982	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	91620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	191501	20.000	ng/ul	0.00
79) Chrysene-d12	21.733	240	160548	20.000	ng/ul	0.00
88) Perylene-d12	25.016	264	164513	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	5222	7.536	ng/uL	0.00
4) Pyridine-d5	3.851	84	34243	16.469	ng/ul	0.00
7) Phenol-d5	7.205	99	53827	18.308	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	31188	18.467	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	43011	20.439	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	44841	20.003	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	21780	20.637	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	25895	21.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	48133	21.179	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	60074	19.309	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	137914	19.182	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	164494	19.230	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	20425	17.570	ng/ul	0.00
60) Fluorene-d10	15.688	176	121874	19.720	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	23684	18.375	ng/ul	0.00
73) Anthracene-d10	17.550	188	181865	20.119	ng/ul	0.00
81) Pyrene-d10	19.835	212	185258	20.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.793	264	183356	20.341	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	5790	6.895	ng/uL#	86
5) Pyridine	3.874	79	40138	17.411	ng/ul	93
6) Benzaldehyde	7.176	77	26709m	17.045	ng/ul	08/12/21 JU
8) Phenol	7.235	94	57358	19.691	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.458	93	38934	19.266	ng/ul	93
12) 2-Chlorophenol	7.611	128	42439	20.167	ng/ul	98
13) 2-Methylphenol	8.492	108	44082	19.328	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.568	45	44322	19.190	ng/ul#	90
16) Acetophenone	8.874	105	72716	19.544	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.850	70	36866	18.431	ng/ul	94
18) 4-Methylphenol	8.821	108	47603	19.978	ng/ul	89
19) Hexachloroethane	9.132	117	19512	20.907	ng/ul#	77
22) Nitrobenzene	9.255	77	62537	19.981	ng/ul	98
23) Isophorone	9.778	82	106640	20.149	ng/ul#	94
25) 2-Nitrophenol	9.972	139	25608	20.742	ng/ul#	87
26) 2,4-Dimethylphenol	10.031	107	57848	20.304	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.260	93	54574	20.353	ng/ul	95
29) 2,4-Dichlorophenol	10.518	162	44817	20.849	ng/ul	97
30) Naphthalene	10.918	128	143635	20.528	ng/ul	96
32) 4-Chloroaniline	11.024	127	56236	18.889	ng/ul	96
33) Hexachlorobutadiene	11.200	225	35995	20.386	ng/ul	96
34) Caprolactam	11.793	113	14024m	20.406	ng/ul	08/12/21 JU
35) 4-Chloro-3-methylphenol	12.151	107	53516	21.482	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	106396	19.859	ng/ul	97
37) 1-Methylnaphthalene	12.739	142	100743	19.324	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.892	216	59719	20.987	ng/ul	96
40) Hexachlorocyclopentadiene	12.862	237	17591	10.481	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.138	196	39875	21.899	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.215	196	40660	20.811	ng/ul	98
43) 1,1'-Biphenyl	13.526	154	137096	20.087	ng/ul	99
44) 2-Chloronaphthalene	13.573	162	111582	20.885	ng/ul	97
45) 2-Nitroaniline	13.779	65	38953	20.710	ng/ul	93
47) Dimethylphthalate	14.143	163	142550	19.974	ng/ul	100
48) 2,6-Dinitrotoluene	14.266	165	30398	20.856	ng/ul	91
50) Acenaphthylene	14.419	152	165118	20.459	ng/ul	96
51) 3-Nitroaniline	14.601	138	23988	18.486	ng/ul#	89
52) Acenaphthene	14.760	153	117314	20.351	ng/ul	98
53) 2,4-Dinitrophenol	14.818	184	13678	17.033	ng/ul	87
55) 4-Nitrophenol	14.918	109	27026	17.777	ng/ul	93
56) Dibenzofuran	15.095	168	157994	19.756	ng/ul	99
57) 2,4-Dinitrotoluene	15.059	165	42305	20.122	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.324	232	34678	21.539	ng/ul	99
59) Diethylphthalate	15.506	149	143986	20.011	ng/ul	96
61) Fluorene	15.747	166	129388	19.896	ng/ul	87
62) 4-Chlorophenyl-phenyle...	15.735	204	73309	20.705	ng/ul	95
63) 4-Nitroaniline	15.764	138	21876	18.031	ng/ul#	92
66) 4,6-Dinitro-2-methylph...	15.829	198	22035	18.244	ng/ul	91
67) N-Nitrosodiphenylamine	15.946	169	107779	20.420	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	47965	21.532	ng/ul	95
69) Hexachlorobenzene	16.757	284	52517	20.826	ng/ul	95
70) Atrazine	16.898	200	46378	19.975	ng/ul#	89
71) Pentachlorophenol	17.104	266	24084	19.942	ng/ul	93
72) Phenanthrene	17.491	178	205323	20.257	ng/ul	98
74) Anthracene	17.585	178	208123	20.527	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.497	216	60013	21.335	ng/uL	98
76) Pentachlorobenzene	15.018	250	62231	20.978	ng/uL	95
77) Carbazole	17.850	167	175520	19.372	ng/ul	99
78) Di-n-butylphthalate	18.402	149	228472	20.625	ng/ul	98
80) Fluoranthene	19.500	202	239537	21.942	ng/ul#	98
82) Pyrene	19.865	202	238601	21.913	ng/ul	98
83) Butylbenzylphthalate	20.740	149	91861	22.138	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.621	252	75997	19.995	ng/ul#	96
85) Benzo(a)anthracene	21.715	228	220855	20.952	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.603	149	129821	21.358	ng/ul#	97
87) Chrysene	21.780	228	211350	21.469	ng/ul	96
89) Di-n-octyl phthalate	22.831	149	214326	20.886	ng/ul	100
90) Benzo(b)fluoranthene	23.971	252	227484	21.156	ng/ul	98
91) Benzo(k)fluoranthene	24.035	252	216075	20.238	ng/ul	97
93) Benzo(a)pyrene	24.864	252	199437	21.069	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.782	276	261693	21.066	ng/ul	96
95) Dibenzo(a,h)anthracene	28.835	278	216007	20.844	ng/ul	99
96) Benzo(g,h,i)perylene	29.957	276	213517	20.669	ng/ul	95

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