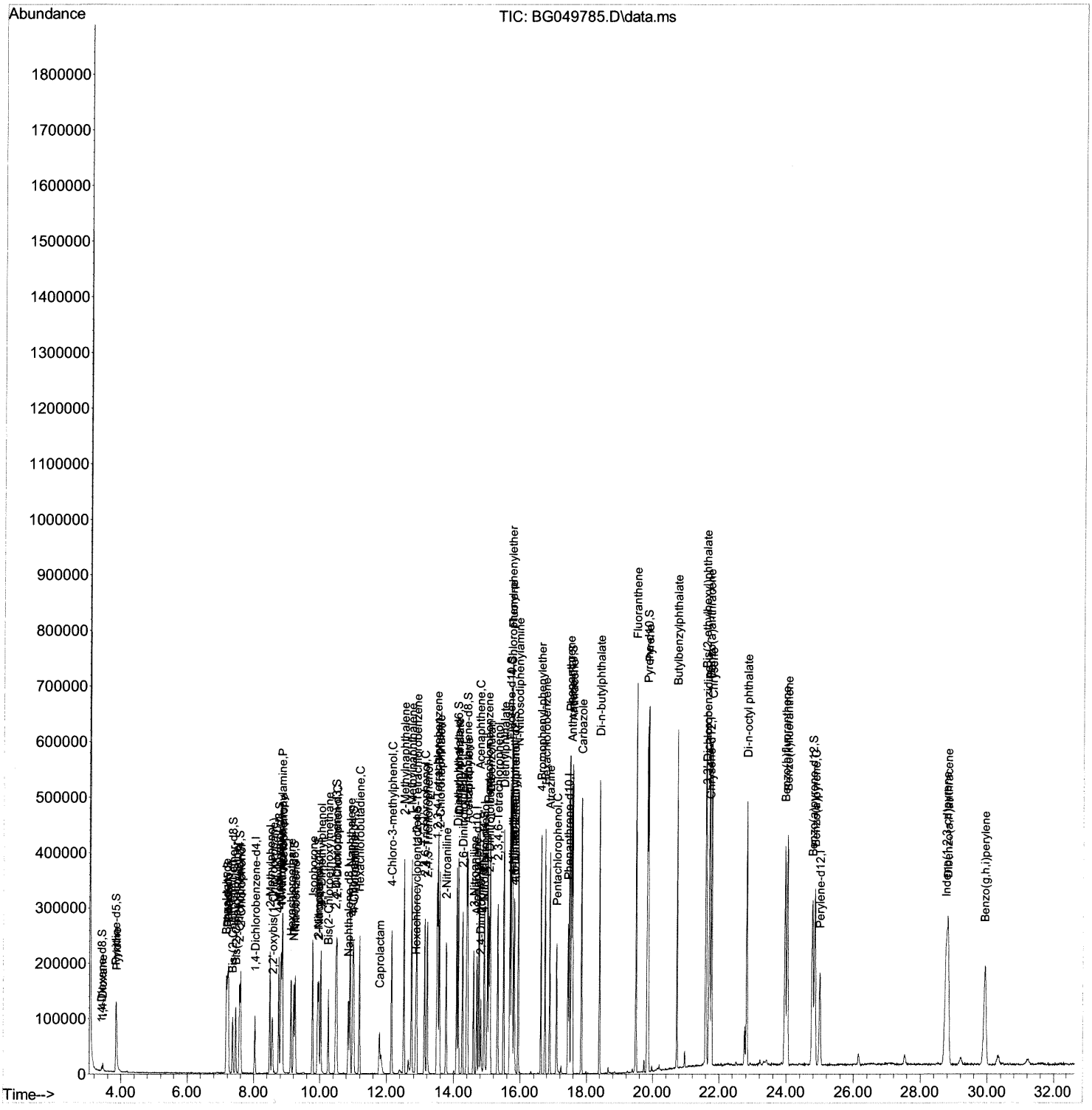
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049785.D
Acq On : 11 Aug 2021 12:02
Operator : CG/JU
Sample : PB138258BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 11 13:00:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS258

Manual Integrations APPROVED
mohammad
8/12/2021 1:34:14 PM



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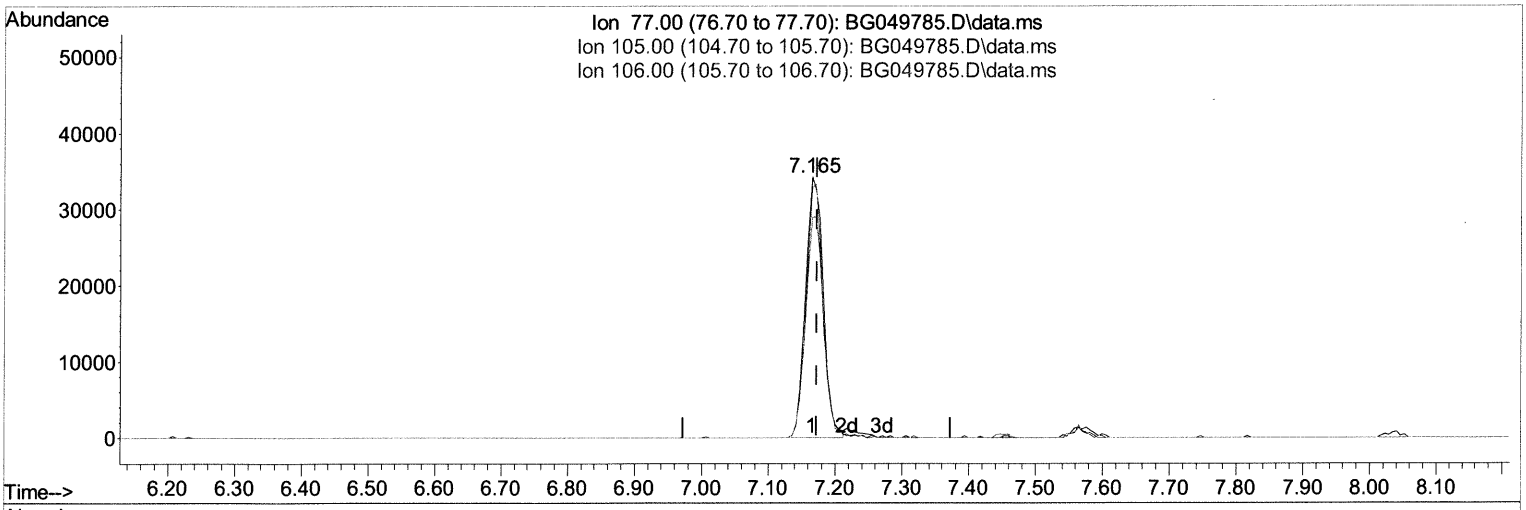

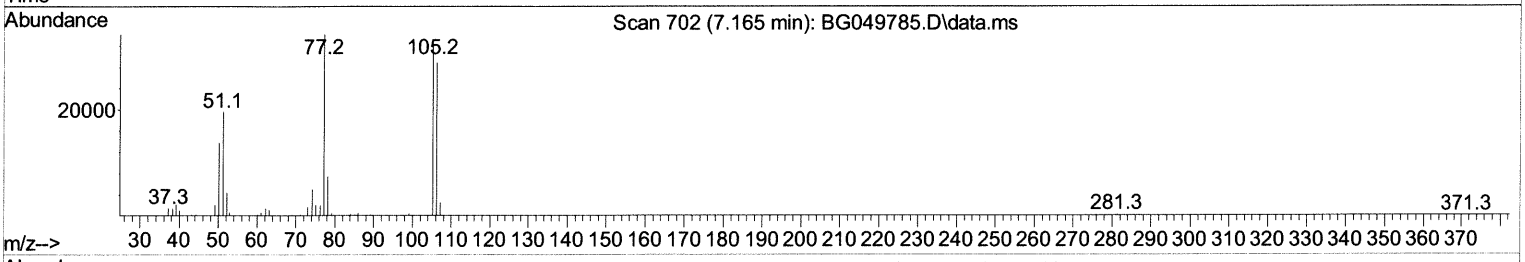

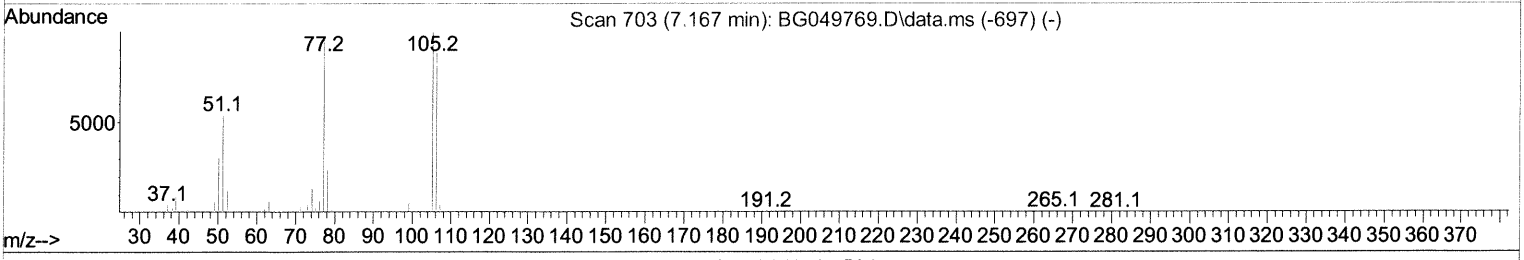

TIC: BG049785.D\data.ms

(6) Benzaldehyde

7.165min (-0.008) 47.30 ng/ul

response 62644

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	96.14
106.00	101.20	84.47
0.00	0.00	0.00

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mohammad
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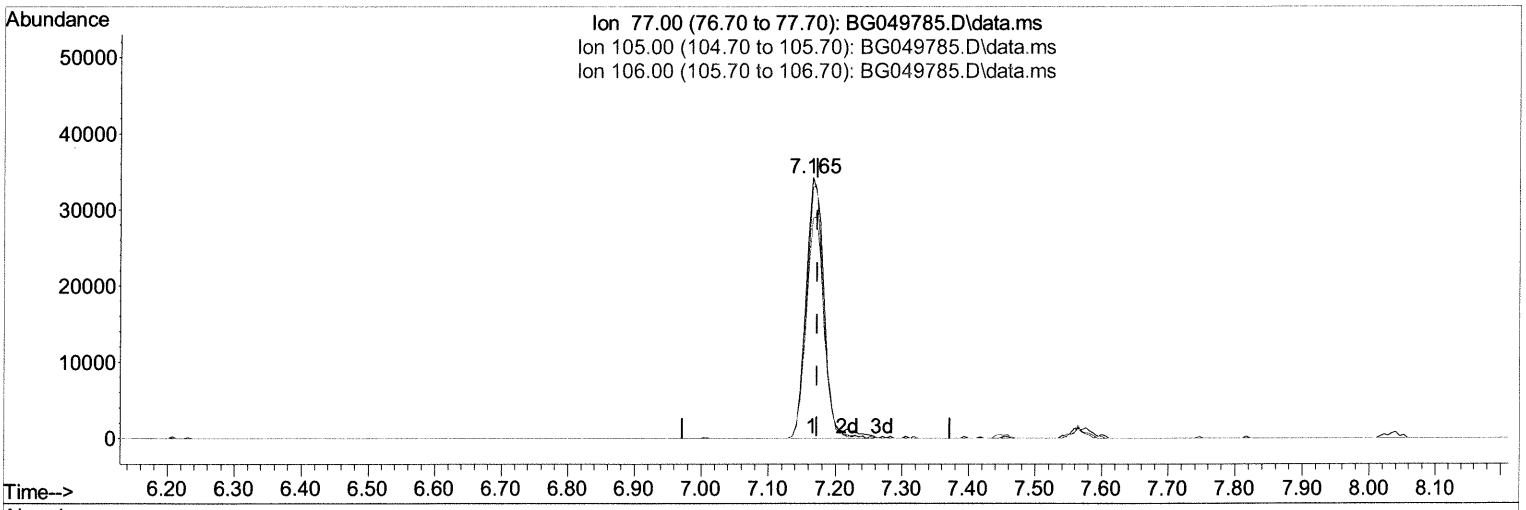

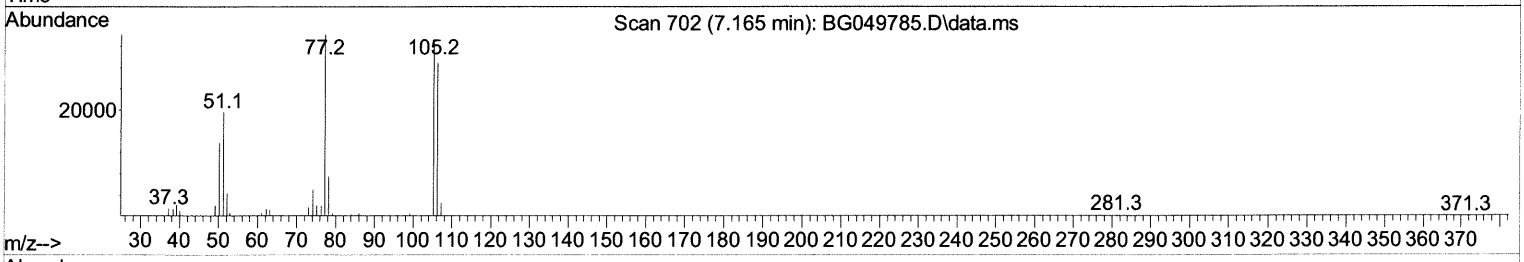

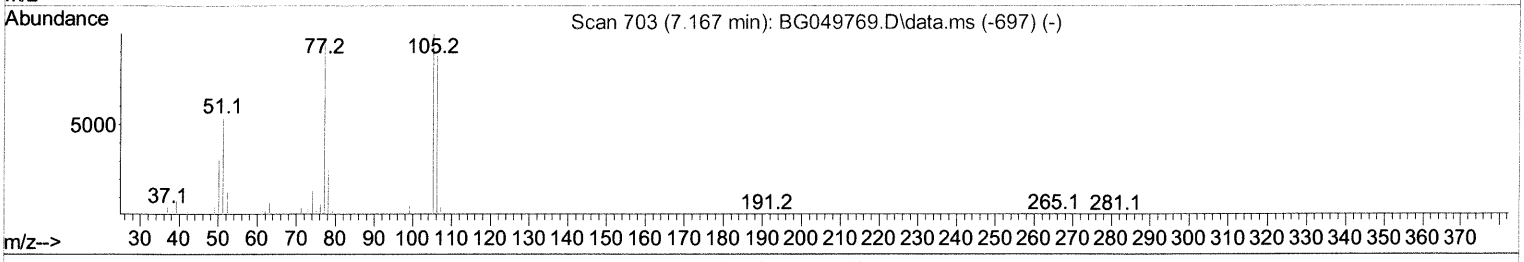

TIC: BG049785.D\data.ms

(6) Benzaldehyde

7.165min (-0.008) 48.63 ng/ul m

response 64407

JU 8/19/21

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	96.14
106.00	101.20	84.47
0.00	0.00	0.00

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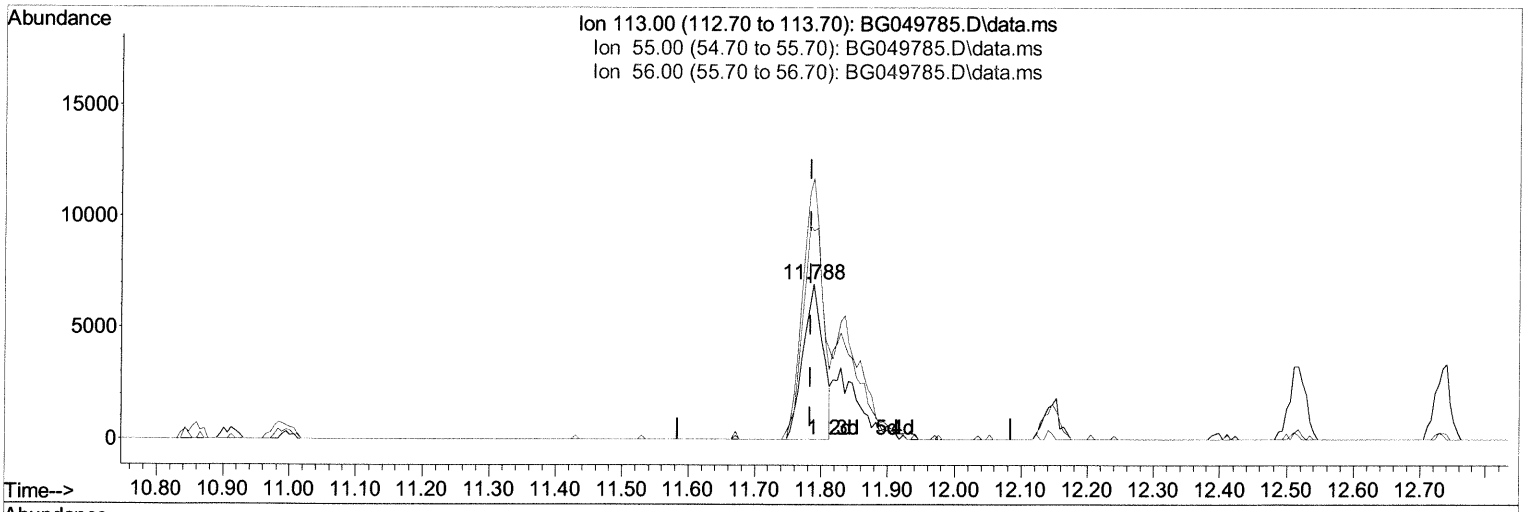

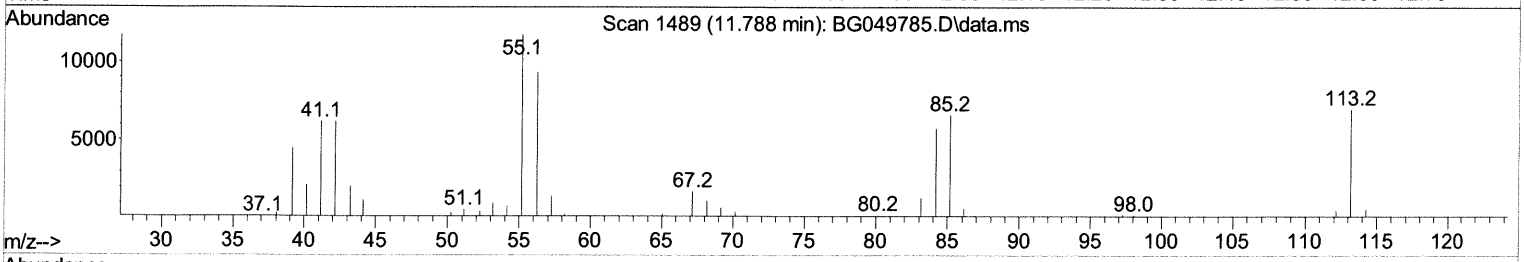

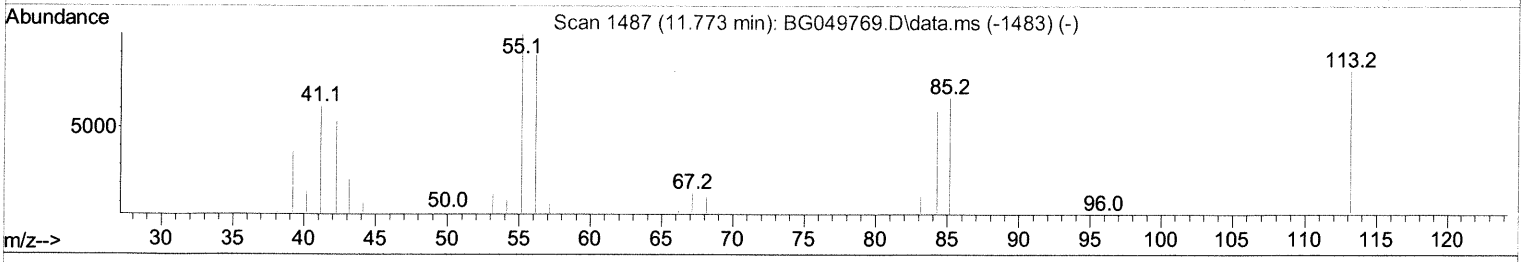

TIC: BG049785.D\data.ms

(34) Caprolactam

11.788min (+ 0.004) 25.07 ng/ul

response 14519

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	167.70
56.00	125.20	134.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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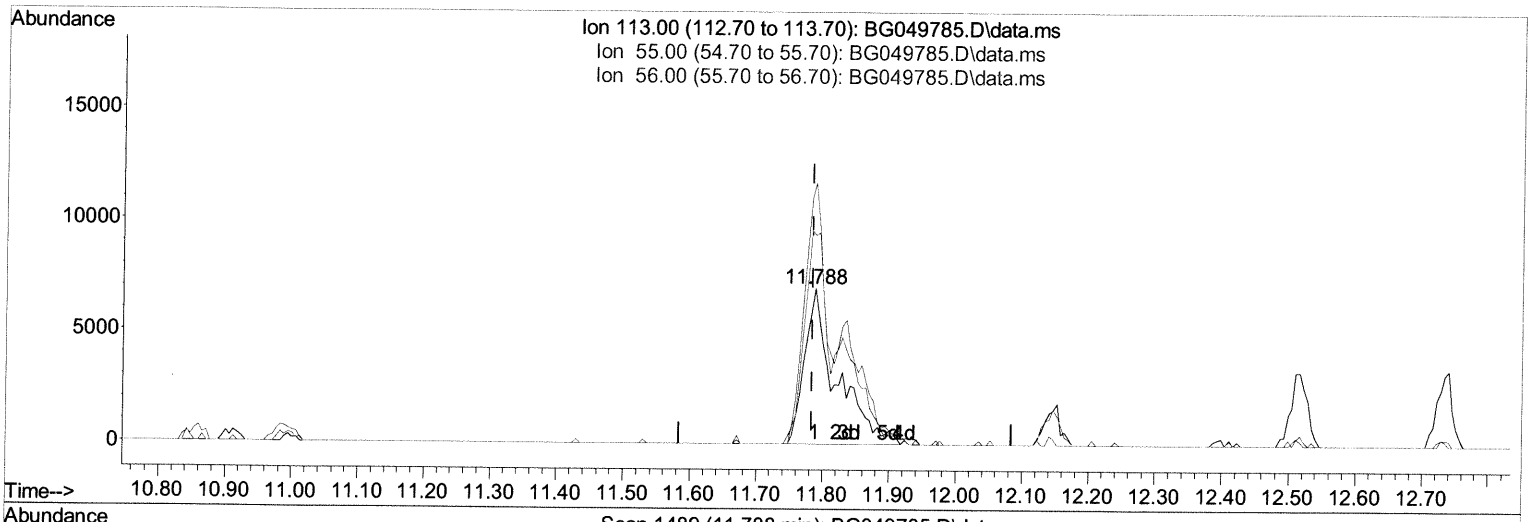

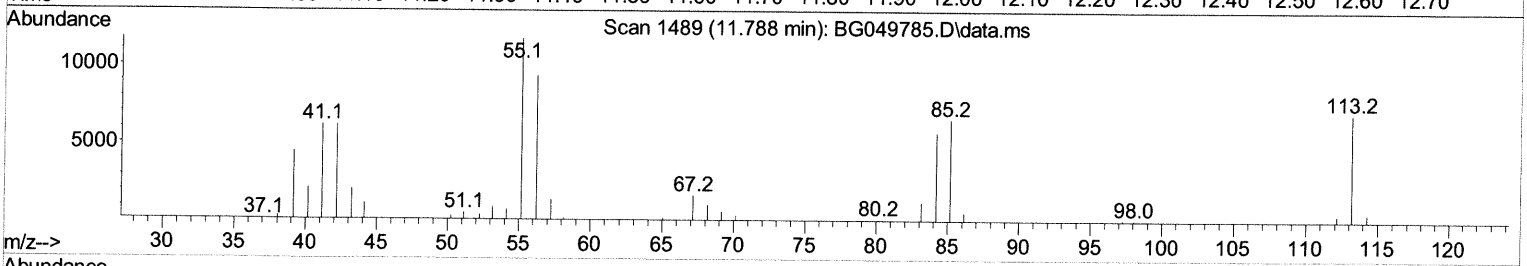

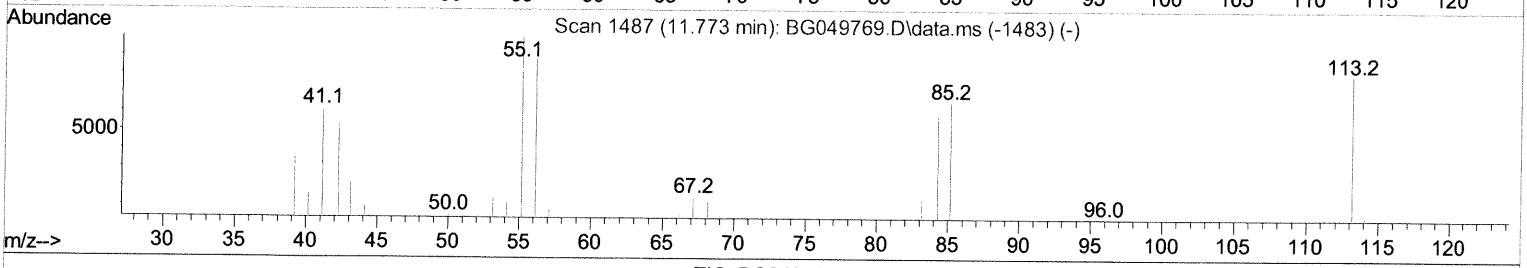

TIC: BG049785.D\data.ms

(34) Caprolactam

11.788min (+ 0.004) 39.88 ng/ul m

response 23094

3489/9/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	167.70
56.00	125.20	134.25
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	8.034	152	27383	20.000	ng/ul	0.00
20) Naphthalene-d8	10.854	136	112897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.684	164	79459	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	166733	20.000	ng/ul	0.00
79) Chrysene-d12	21.722	240	153235	20.000	ng/ul	# 0.00
88) Perylene-d12	25.000	264	157576	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	3771	6.439	ng/uL	0.00
4) Pyridine-d5	3.840	84	57380	32.648	ng/ul	0.00
7) Phenol-d5	7.200	99	91904	36.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.353	67	50260	35.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.564	132	68918	38.746	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	73330	38.699	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	35140	39.514	ng/ul	0.00
24) 2-Nitrophenol-d4	9.932	143	44492	43.808	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.478	165	74769	39.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.989	131	95296	36.350	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	243498	39.050	ng/ul	0.00
49) Acenaphthylene-d8	14.385	160	287164	38.709	ng/ul	0.00
54) 4-Nitrophenol-d4	14.896	143	38203	37.893	ng/ul	0.00
60) Fluorene-d10	15.683	176	210086	39.195	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	43903	39.123	ng/ul	0.00
73) Anthracene-d10	17.539	188	310946	39.508	ng/ul	0.00
81) Pyrene-d10	19.830	212	358425	42.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	338233	39.174	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	8710	12.272	ng/uL#	82
5) Pyridine	3.863	79	62137	31.888	ng/ul	99
6) Benzaldehyde	7.165	77	64407m	48.629	ng/ul	JU 8/19/21
8) Phenol	7.224	94	93895	38.136	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.453	93	65704	38.465	ng/ul	98
12) 2-Chlorophenol	7.600	128	72007	40.481	ng/ul	97
13) 2-Methylphenol	8.481	108	71751	37.218	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	71119	36.430	ng/ul#	91
16) Acetophenone	8.863	105	119292	37.932	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.845	70	60450	35.755	ng/ul	92
18) 4-Methylphenol	8.816	108	78551	39.001	ng/ul	89
19) Hexachloroethane	9.121	117	31835	40.356	ng/ul#	87
22) Nitrobenzene	9.250	77	102130	38.726	ng/ul	99
23) Isophorone	9.773	82	175264	39.300	ng/ul#	96
25) 2-Nitrophenol	9.967	139	42339	40.699	ng/ul#	86
26) 2,4-Dimethylphenol	10.026	107	82523	34.374	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.255	93	89244	39.498	ng/ul	96
29) 2,4-Dichlorophenol	10.507	162	75571	41.721	ng/ul	96
30) Naphthalene	10.907	128	234780	39.822	ng/ul	99
32) 4-Chloroaniline	11.018	127	93293	37.188	ng/ul	96
33) Hexachlorobutadiene	11.189	225	57956	38.953	ng/ul	98
34) Caprolactam	11.788	113	23094m	39.879	ng/ul	JU 8/19/21
35) 4-Chloro-3-methylphenol	12.146	107	89718	42.740	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	176283	39.049	ng/ul	97
37) 1-Methylnaphthalene	12.734	142	169405	38.563	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	101196	41.007	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	30888	21.221	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.127	196	64949	41.128	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.204	196	70260	41.464	ng/ul	99
43) 1,1'-Biphenyl	13.521	154	224599	37.945	ng/ul	99
44) 2-Chloronaphthalene	13.568	162	180890	39.039	ng/ul	97
45) 2-Nitroaniline	13.768	65	67288	41.249	ng/ul	99
47) Dimethylphthalate	14.132	163	240522	38.860	ng/ul	97
48) 2,6-Dinitrotoluene	14.261	165	50839	40.218	ng/ul	97
50) Acenaphthylene	14.414	152	267702	38.246	ng/ul	99
51) 3-Nitroaniline	14.596	138	50166	44.577	ng/ul#	97
52) Acenaphthene	14.755	153	191930	38.390	ng/ul	99
53) 2,4-Dinitrophenol	14.807	184	26551	38.123	ng/ul	93
55) 4-Nitrophenol	14.913	109	51810	39.295	ng/ul	89
56) Dibenzofuran	15.089	168	267488	38.567	ng/ul	98
57) 2,4-Dinitrotoluene	15.054	165	73684	40.411	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.319	232	60903	43.616	ng/ul#	94
59) Diethylphthalate	15.501	149	246614	39.519	ng/ul	96
61) Fluorene	15.736	166	222478	39.446	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.724	204	121185	39.466	ng/ul	95
63) 4-Nitroaniline	15.759	138	52503	49.899	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.824	198	40563	38.574	ng/ul#	93
67) N-Nitrosodiphenylamine	15.941	169	190575	41.471	ng/ul	97
68) 4-Bromophenyl-phenylether	16.623	248	82867	42.727	ng/ul	90
69) Hexachlorobenzene	16.746	284	92747	42.243	ng/ul	96
70) Atrazine	16.887	200	80802	39.971	ng/ul	91
71) Pentachlorophenol	17.098	266	44381	42.208	ng/ul	99
72) Phenanthrene	17.486	178	360165	40.813	ng/ul	99
74) Anthracene	17.574	178	349658	39.609	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.492	216	104532	42.683	ng/uL	96
76) Pentachlorobenzene	15.013	250	107690	41.695	ng/uL	95
77) Carbazole	17.845	167	312049	39.557	ng/ul	96
78) Di-n-butylphthalate	18.391	149	387069	40.132	ng/ul	99
80) Fluoranthene	19.495	202	433851	41.638	ng/ul	99
82) Pyrene	19.859	202	426763	41.064	ng/ul	99
83) Butylbenzylphthalate	20.729	149	167696	42.342	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.616	252	149026	41.079	ng/ul	99
85) Benzo(a)anthracene	21.704	228	408769	40.630	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	240409	41.439	ng/ul	99
87) Chrysene	21.775	228	383464	40.811	ng/ul	99
89) Di-n-octyl phthalate	22.820	149	399220	40.617	ng/ul	100
90) Benzo(b)fluoranthene	23.960	252	428613	41.616	ng/ul	99
91) Benzo(k)fluoranthene	24.024	252	414296	40.512	ng/ul	99
93) Benzo(a)pyrene	24.853	252	373735	41.220	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.759	276	484159	40.691	ng/ul	99
95) Dibenzo(a,h)anthracene	28.812	278	401859	40.486	ng/ul	98
96) Benzo(g,h,i)perylene	29.928	276	401245	40.552	ng/ul	94

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