Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072421\
Data File : BG049435.D
Acq On : 23 Jul 2021 21:14
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 24 01:26:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160413

Manual Integrations APPROVED
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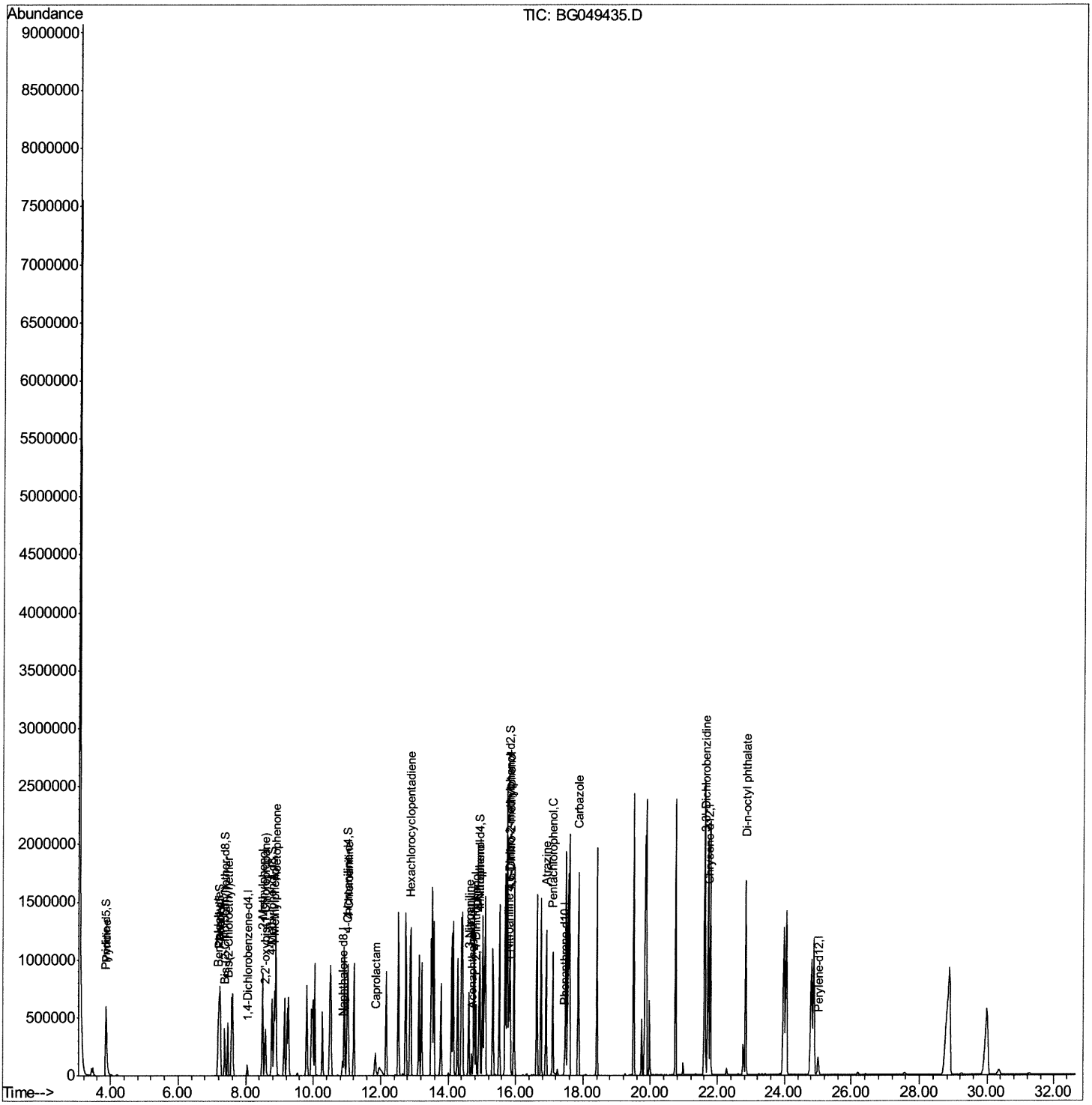

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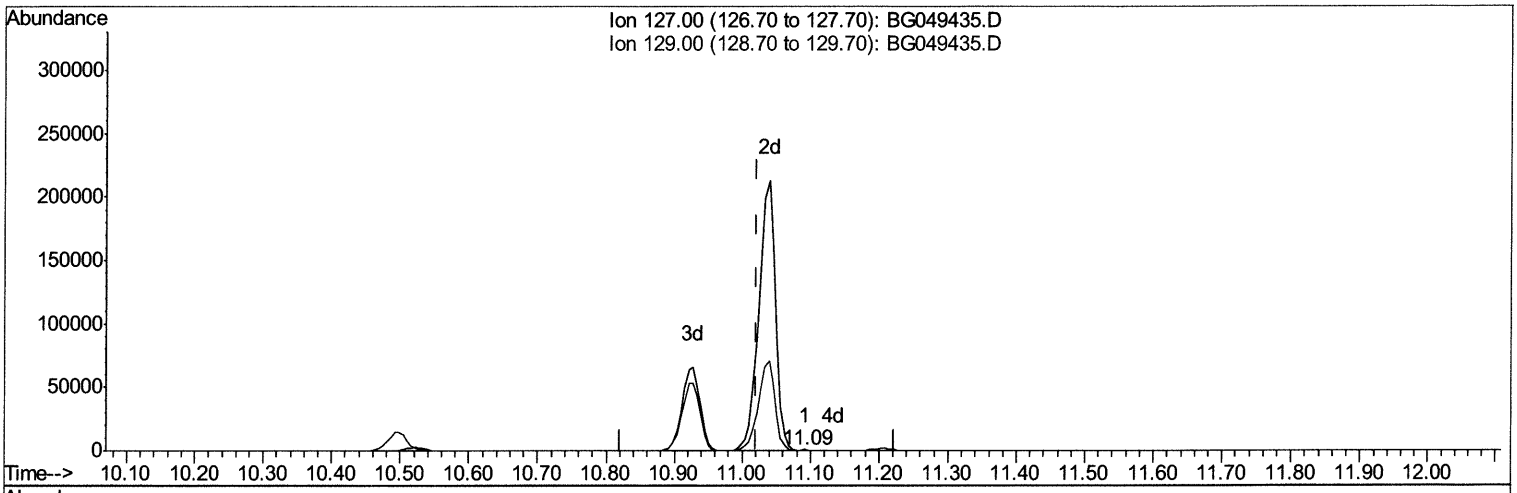

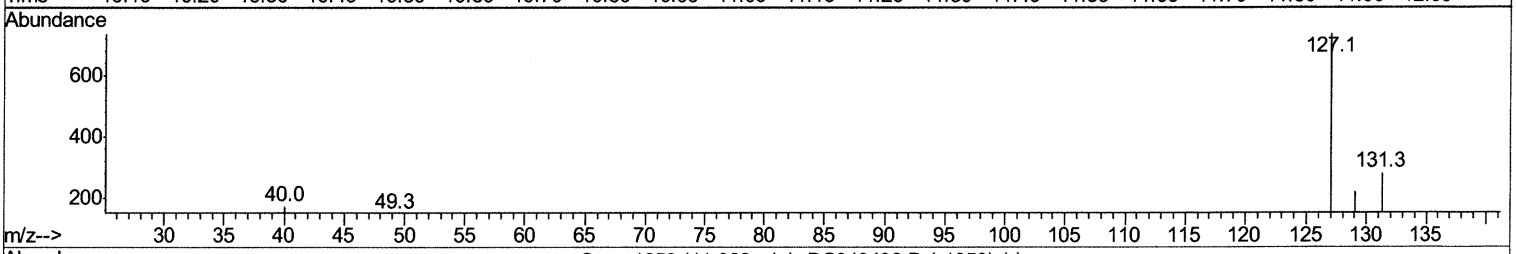

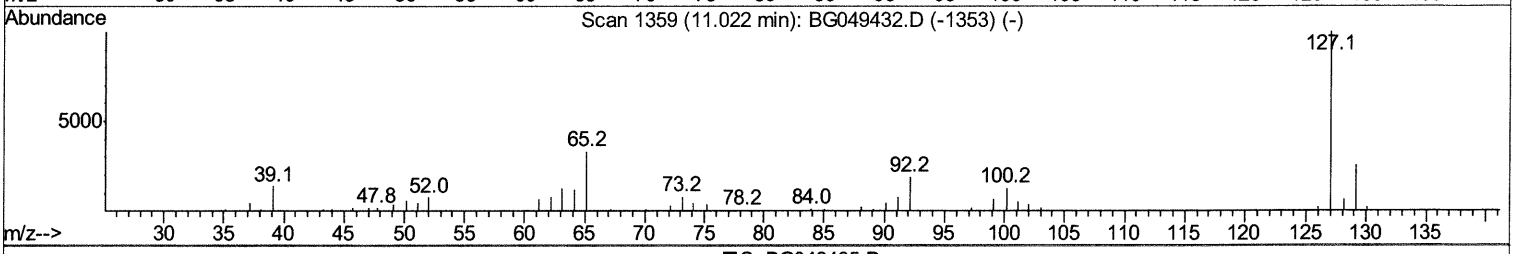

TIC: BG049435.D

(32) 4-Chloroaniline

11.092min (+0.070) 0.23ng/ul

response 546

Ion	Exp%	Act%
127.00	100	100
129.00	26.60	29.93
0.00	0.00	0.00
0.00	0.00	0.00

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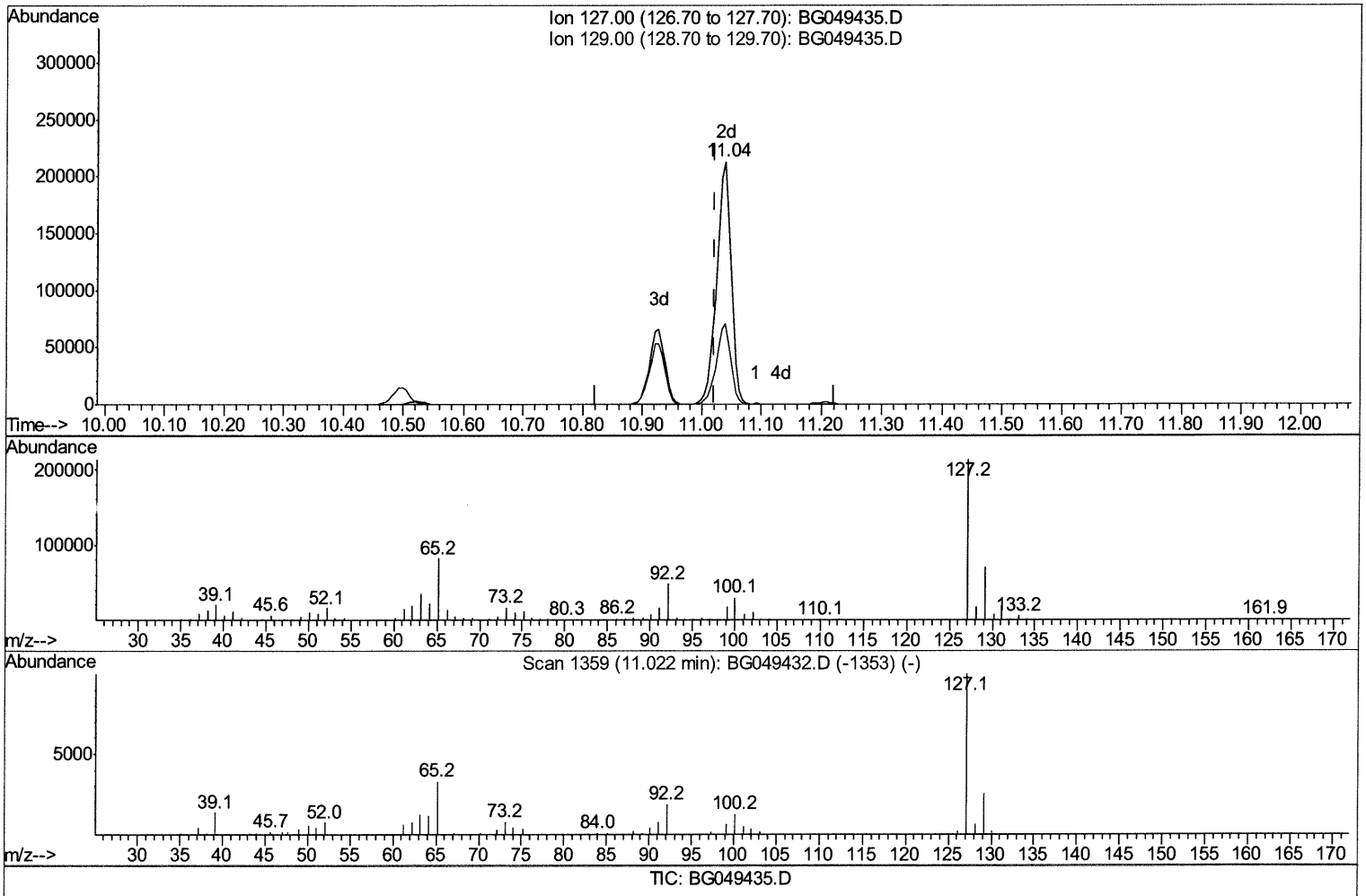

TIC: BG049435.D

(32) 4-Chloroaniline

11.039min (+0.017) 152.09ng/ul m 07/27/21 JU

response 362254

Ion	Exp%	Act%
127.00	100	100
129.00	26.60	33.00#
0.00	0.00	0.00
0.00	0.00	0.00

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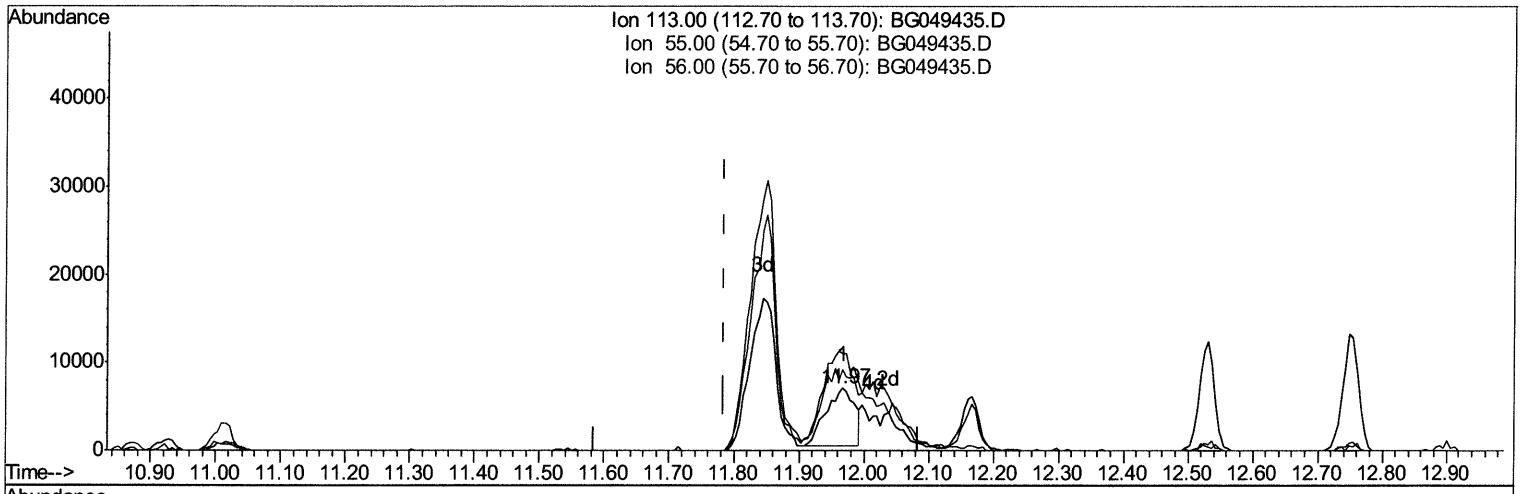

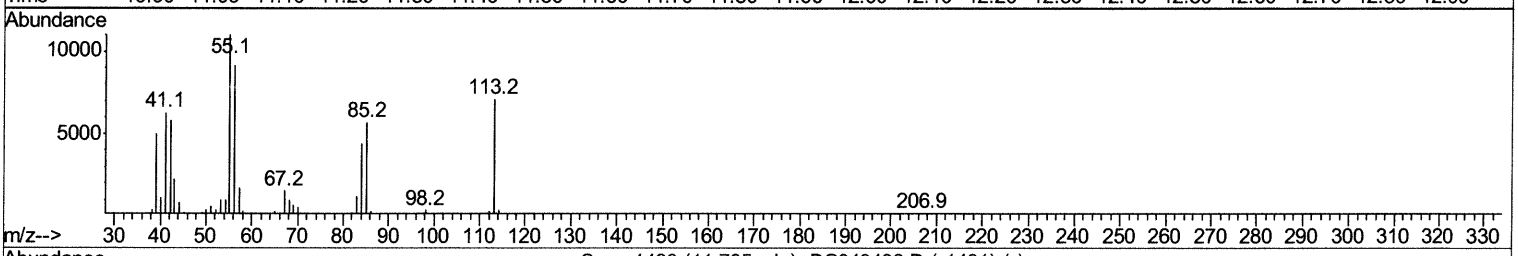

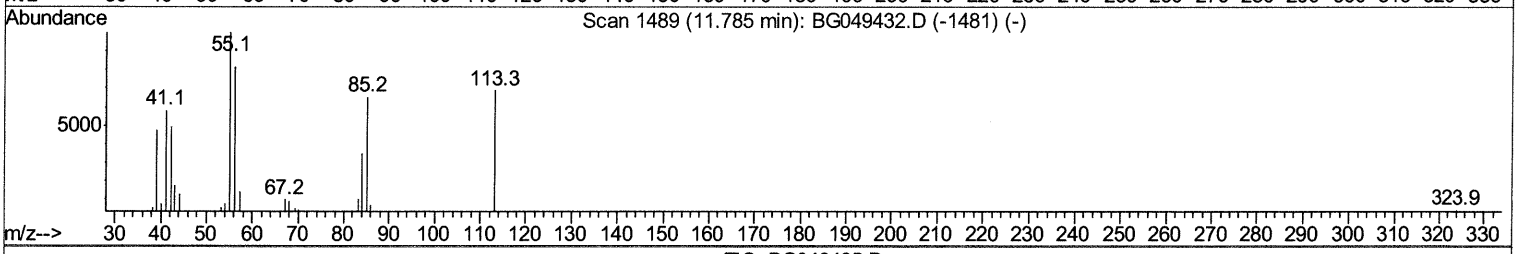

TIC: BG049435.D

(34) Caprolactam

11.967min (+0.182) 29.13ng/ul

response 19939

Ion	Exp%	Act%
113.00	100	100
55.00	145.70	155.67
56.00	118.80	129.90
0.00	0.00	0.00

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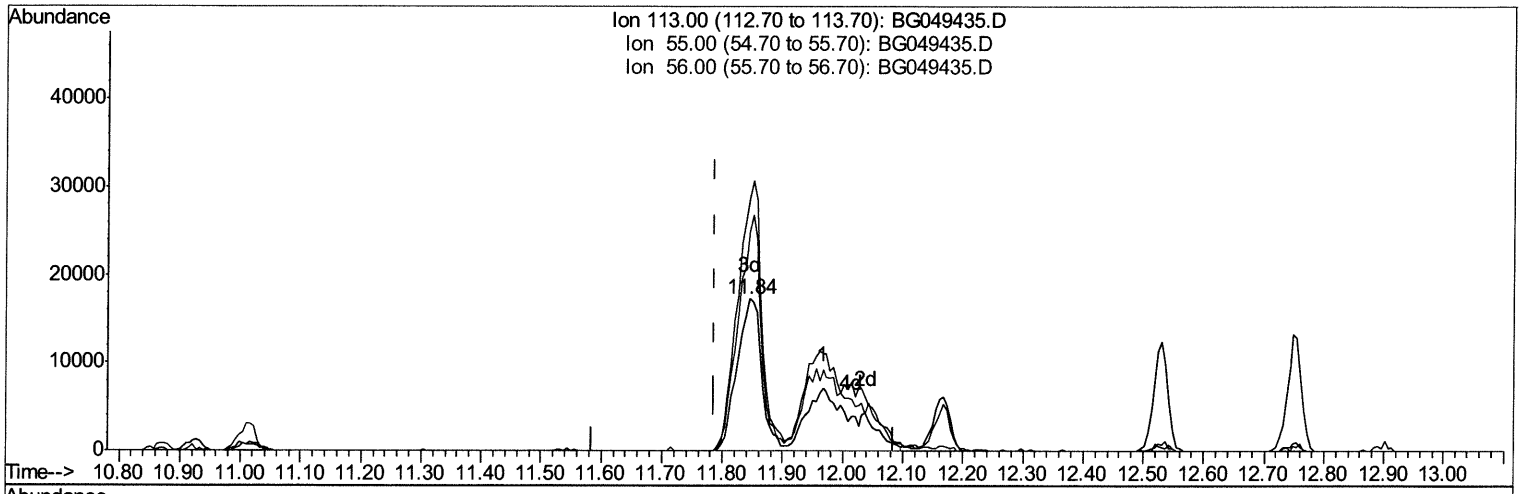

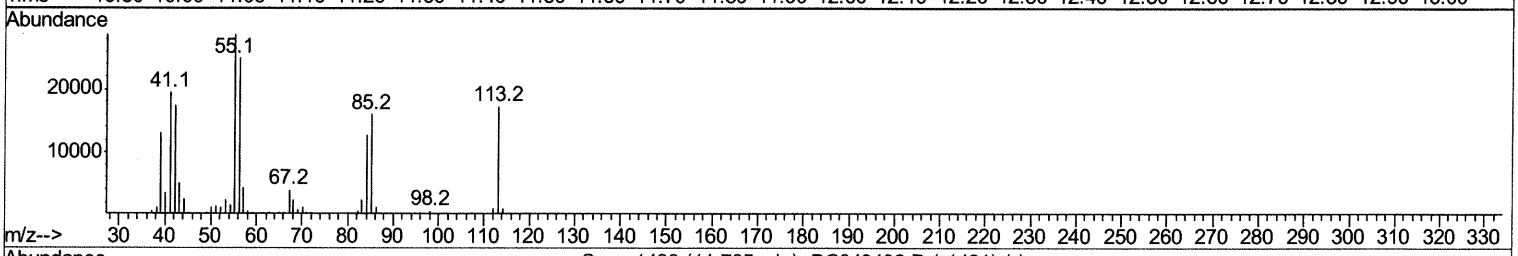

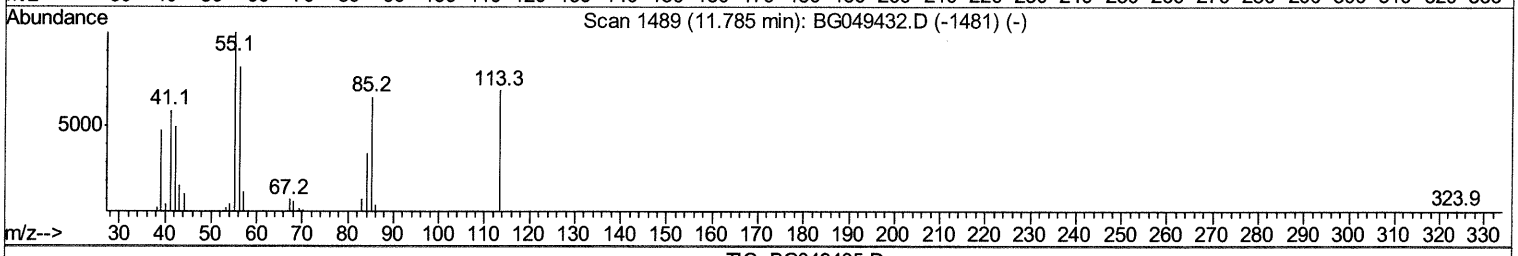

TIC: BG049435.D

(34) Caprolactam

11.844min (+0.058) 129.31ng/ul m 07/27/21 JU

response 88508

Ion	Exp%	Act%
113.00	100	100
55.00	145.70	166.10
56.00	118.80	144.47#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25684	20.00	ng/ul	0.00
20) Naphthalene-d8	10.87	136	103243	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.70	164	68032	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.45	188	150732	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	150764	20.00	ng/ul	0.01
88) Perylene-d12	25.02	264	154091	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.85	84	289177	159.34	ng/ul	0.00
7) Phenol-d5	7.21	99	391072	175.26	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	7.37	67	210494	152.76	ng/ul	0.00
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.77	113	284452	155.40	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	11.01	131	377761	155.98	ng/ul	0.01
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.92	143	153216	183.83	ng/ul	0.03
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.83	200	172680	224.18	ng/ul	0.02
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.87	79	306207	168.917	ng/ul	94
6) Benzaldehyde	7.19	77	179553	127.429	ng/ul	93
8) Phenol	7.24	94	368471	156.199	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.47	93	254716	148.065	ng/ul	97
13) 2-Methylphenol	8.50	108	291750	165.316	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.58	45	286491	140.957	ng/ul	97
16) Acetophenone	8.89	105	449400	149.761	ng/ul#	91
18) 4-Methylphenol	8.85	108	297933	160.811	ng/ul	98
32) 4-Chloroaniline	11.04	127	362254m	152.090	ng/ul	98
34) Caprolactam	11.84	113	88508m	129.311	ng/ul	94
40) Hexachlorocyclopentadiene	12.88	237	250472	133.192	ng/ul	94
51) 3-Nitroaniline	14.62	138	161480	173.481	ng/ul	89
53) 2,4-Dinitrophenol	14.82	184	115550	179.399	ng/ul	82
55) 4-Nitrophenol	14.94	109	203544	184.391	ng/ul	98
63) 4-Nitroaniline	15.79	138	153756	158.644	ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.84	198	154790	191.391	ng/ul#	85
70) Atrazine	16.91	200	280866	149.483	ng/ul	96
71) Pentachlorophenol	17.10	266	187841	146.960	ng/ul	93
77) Carbazole	17.86	167	1096772	164.418	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.63	252	514599	139.350	ng/ul	96
89) Di-n-octyl phthalate	22.84	149	1491552	177.829	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
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Manual Integrations APPROVED
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