Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049274.D
Acq On : 10 Jul 2021 20:28
Operator : CG/JU
Sample : M2914-07MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 11 02:42:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBK45MSD

Manual Integrations APPROVED
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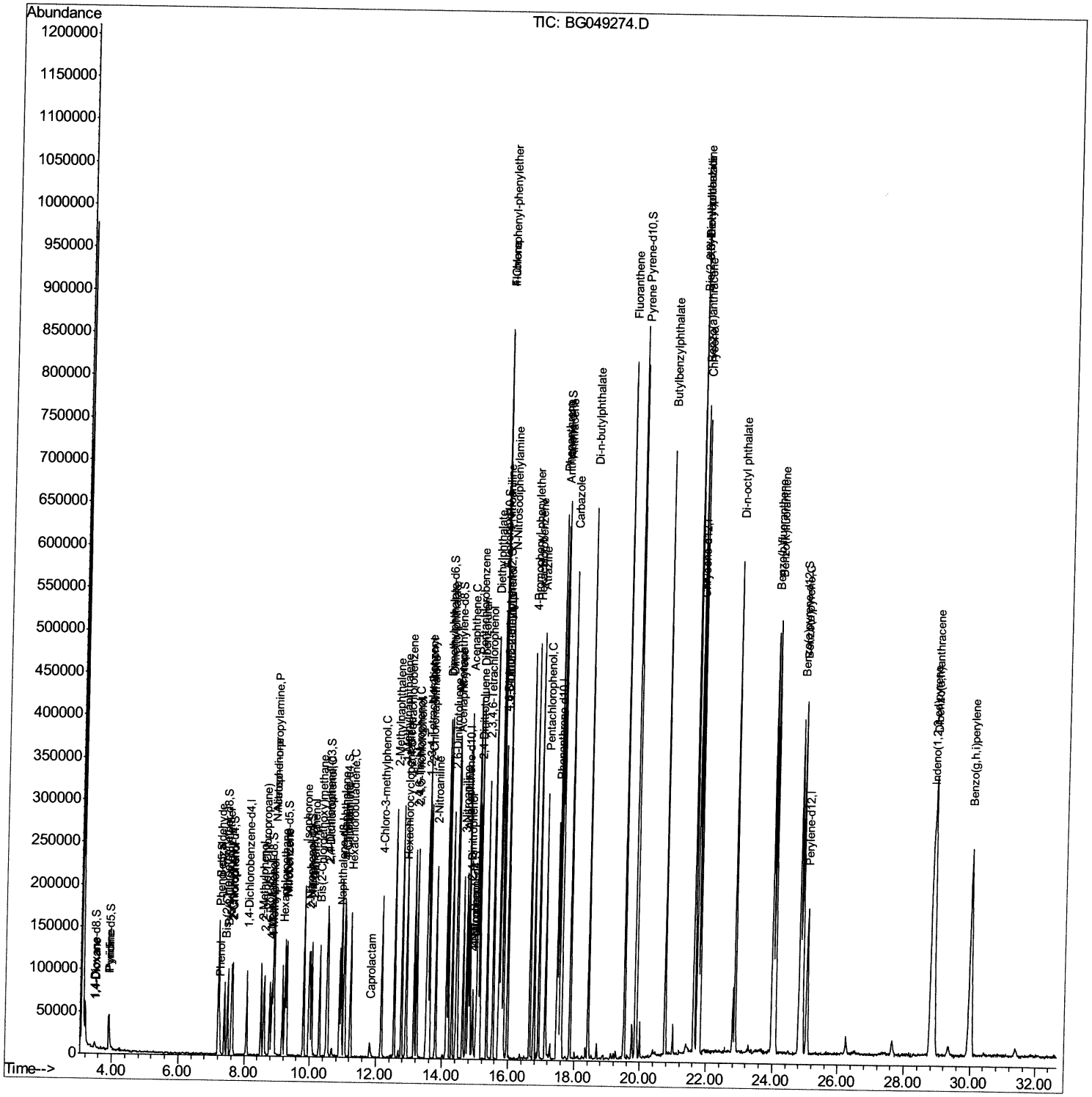

Quantitation Report (Qedit)

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Quant Time: Jul 11 00:38:39 2021
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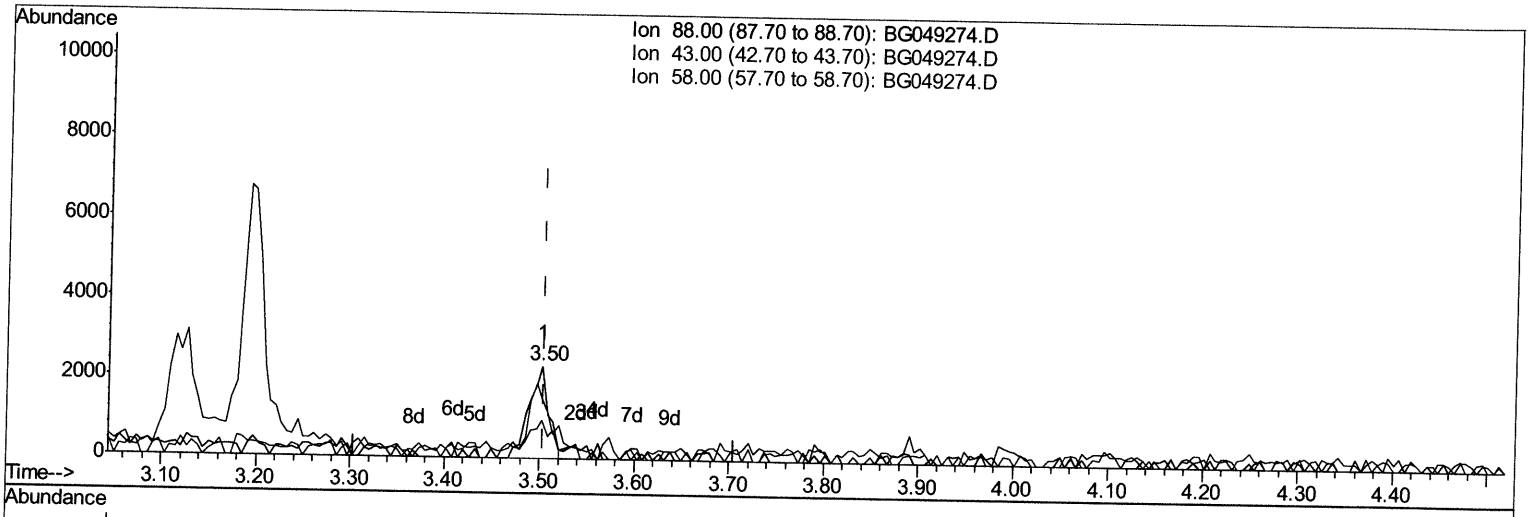

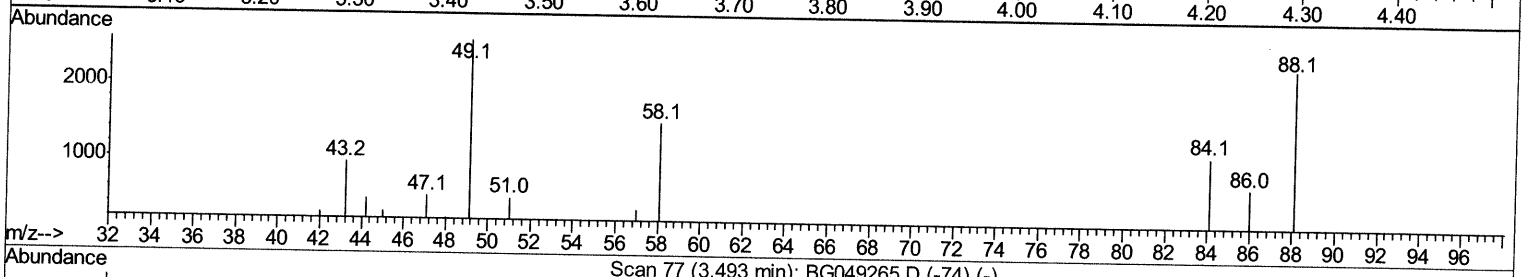

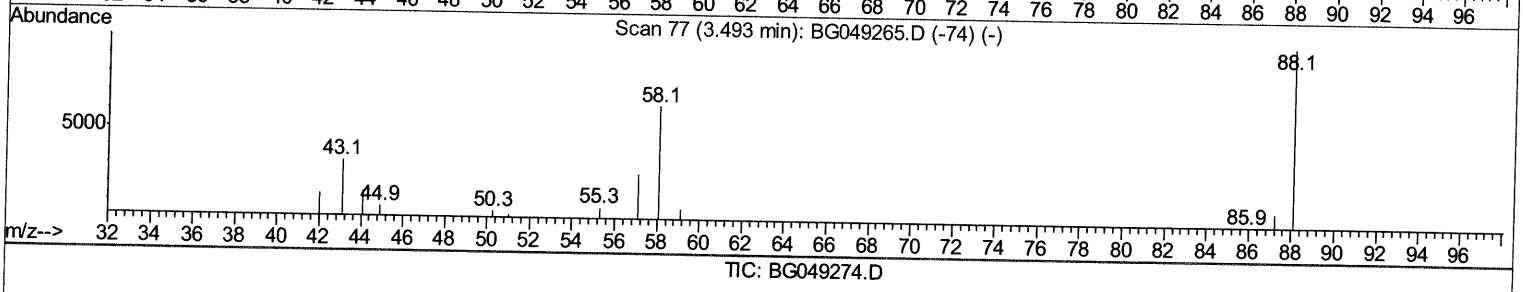

(2) 1,4-Dioxane

3.503min (-0.002) 5.10ng/uL

response 3357

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	41.13
58.00	90.90	65.19#
0.00	0.00	0.00

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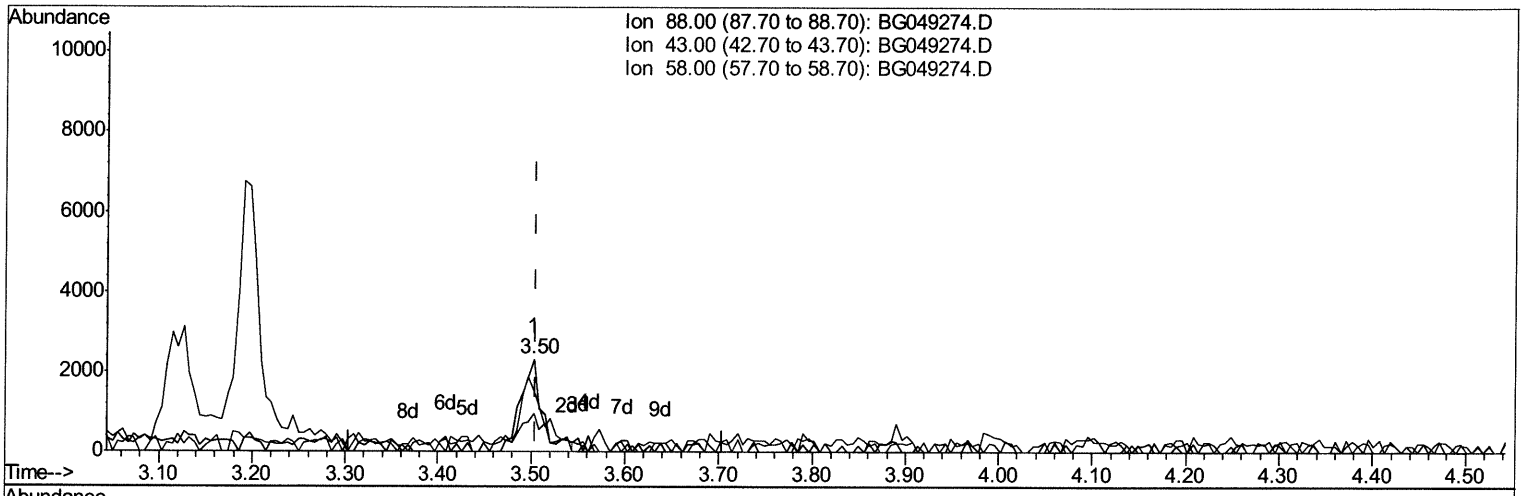

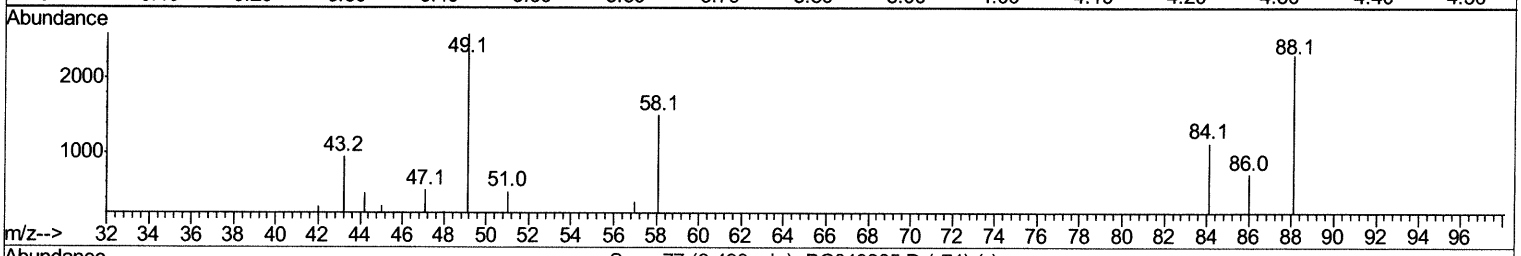

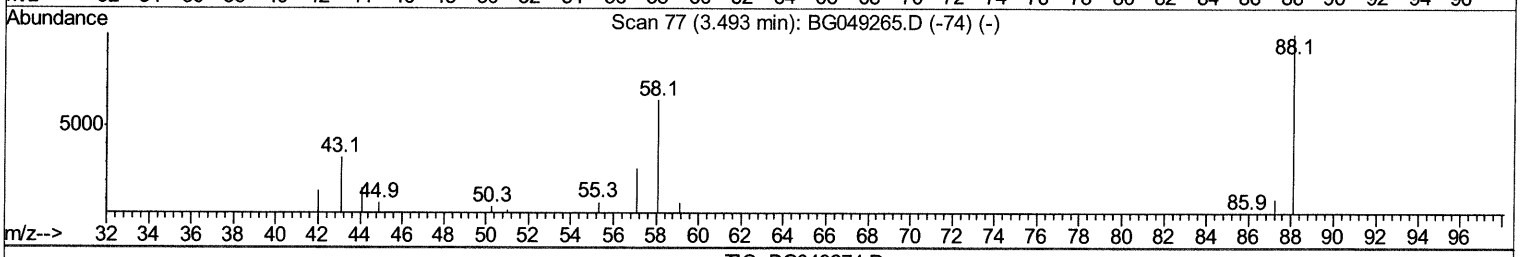

TIC: BG049274.D

(2) 1,4-Dioxane

3.503min (-0.002) 5.67ng/uL m 7/13/21 JU

response 3731

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	41.13
58.00	90.90	65.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

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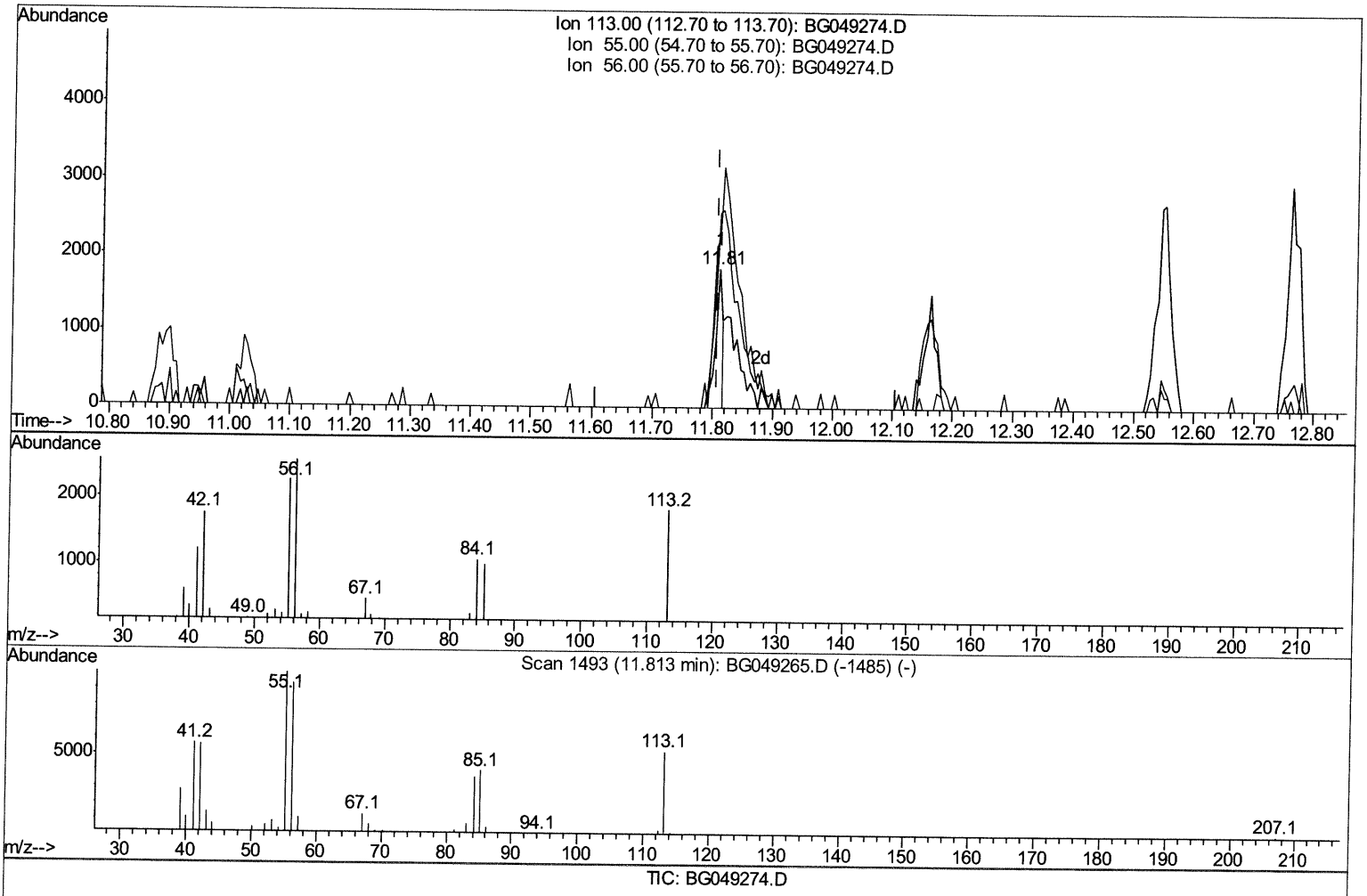

(34) Caprolactam

11.810min (+0.004) 2.80ng/ul

response 1605

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	123.81#
56.00	171.90	139.92
0.00	0.00	0.00

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BNA_G
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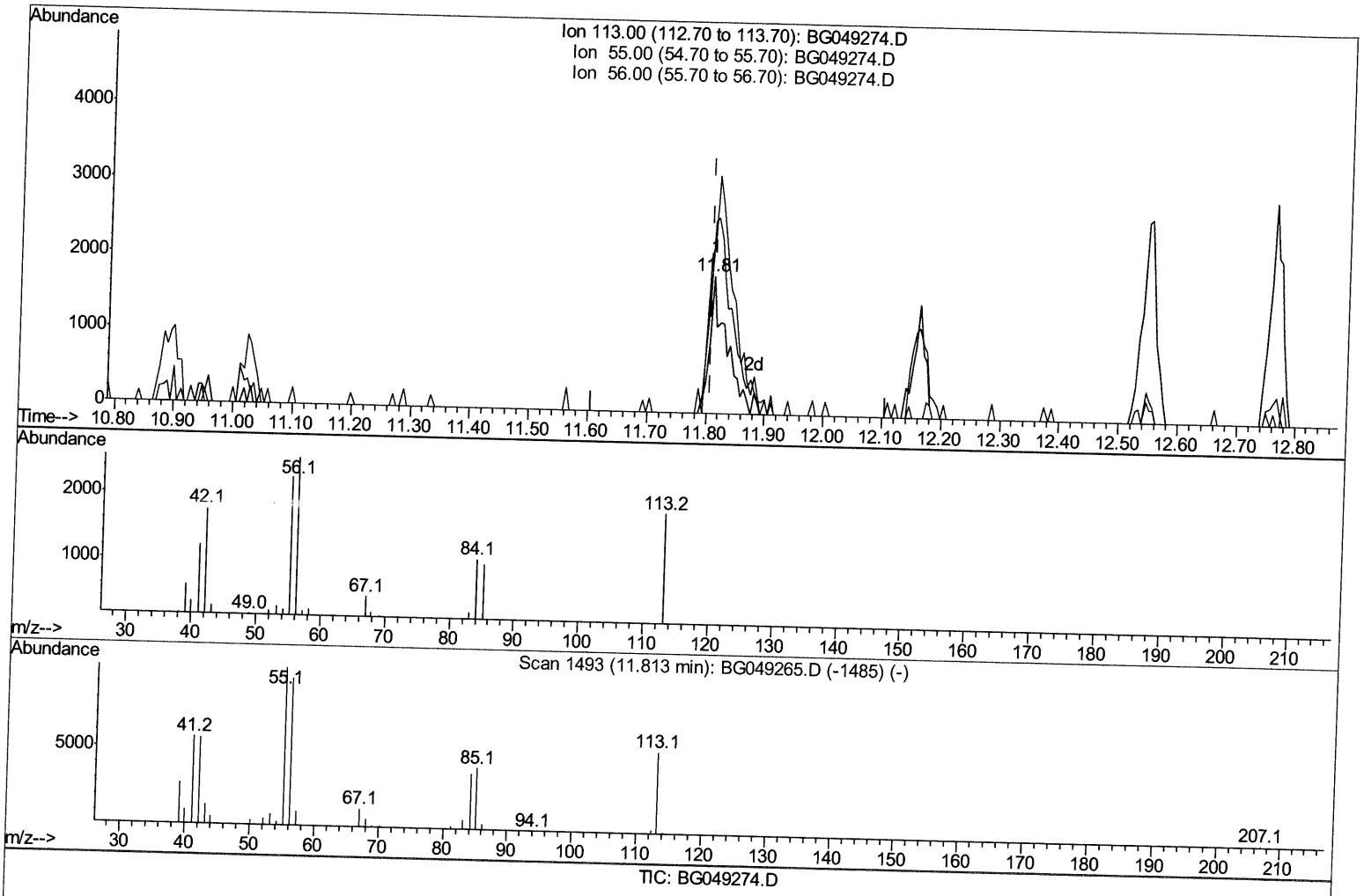

(34) Caprolactam

11.810min (+0.004) 6.40ng/ul m 07/13/21 JU

response 3664

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	123.81#
56.00	171.90	139.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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BNA_G
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Quant Time: Jul 11 02:42:32 2021
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25404	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	104801	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	75975	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	180453	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	182967	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	188759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2629	4.87	ng/uL	0.00
4) Pyridine-d5	3.89	84	15826	9.97	ng/ul	0.00
7) Phenol-d5	7.22	99	15636	7.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	42403	33.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	44565	27.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	30127	17.02	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	29321	36.46	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	31812	34.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	60386	33.52	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	72285	30.79	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	265381	45.42	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	265445	38.72	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	10060	10.40	ng/ul	0.00
60) Fluorene-d10	15.71	176	214898	43.44	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	52899	46.12	ng/ul	0.00
73) Anthracene-d10	17.57	188	384278	46.77	ng/ul	0.00
81) Pyrene-d10	19.85	212	460318	49.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	487713	49.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3731m	5.673	ng/uL	07/13/2130
5) Pyridine	3.91	79	19171	10.882	ng/ul	96
6) Benzaldehyde	7.20	77	52566	39.542	ng/ul	93
8) Phenol	7.25	94	17778	8.045	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.49	93	51622	31.416	ng/ul#	84
12) 2-Chlorophenol	7.63	128	41293	25.049	ng/ul	97
13) 2-Methylphenol	8.51	108	33272	19.765	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.60	45	85680	32.418	ng/ul	98
16) Acetophenone	8.90	105	96923	33.372	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.88	70	52148	35.337	ng/ul	98
18) 4-Methylphenol	8.84	108	30804	17.590	ng/ul	98
19) Hexachloroethane	9.17	117	18797	25.183	ng/ul	97
22) Nitrobenzene	9.28	77	76962	33.935	ng/ul	91
23) Isophorone	9.81	82	140165	35.778	ng/ul	99
25) 2-Nitrophenol	10.00	139	30826	32.730	ng/ul	98
26) 2,4-Dimethylphenol	10.05	107	47757	22.900	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.29	93	73098	34.997	ng/ul#	91
29) 2,4-Dichlorophenol	10.54	162	52739	32.042	ng/ul	96
30) Naphthalene	10.95	128	168858	32.316	ng/ul	97
32) 4-Chloroaniline	11.05	127	69858	30.184	ng/ul	100
33) Hexachlorobutadiene	11.23	225	40771	29.210	ng/ul	98
34) Caprolactam	11.81	113	3664m	6.399	ng/ul	07/13/2130

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Response via : Initial Calibration

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ClientSampleId : DBK45MSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	60275	32.783 ng/ul	93
36) 2-Methylnaphthalene	12.54	142	136847	34.471 ng/ul	94
37) 1-Methylnaphthalene	12.77	142	131454	33.296 ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	84444	35.387 ng/ul	98
40) Hexachlorocyclopentadiene	12.89	237	29444	18.579 ng/ul	100
41) 2,4,6-Trichlorophenol	13.15	196	57619	37.328 ng/ul	88
42) 2,4,5-Trichlorophenol	13.22	196	63071	38.416 ng/ul	90
43) 1,1'-Biphenyl	13.55	154	185719	36.182 ng/ul	97
44) 2-Chloronaphthalene	13.60	162	139785	34.759 ng/ul	97
45) 2-Nitroaniline	13.80	65	65915	44.706 ng/ul	92
47) Dimethylphthalate	14.17	163	240917	44.422 ng/ul#	99
48) 2,6-Dinitrotoluene	14.29	165	52243	44.729 ng/ul	90
50) Acenaphthylene	14.44	152	231668	37.996 ng/ul	97
51) 3-Nitroaniline	14.62	138	45726	42.993 ng/ul	88
52) Acenaphthene	14.78	153	170344	38.470 ng/ul	95
53) 2,4-Dinitrophenol	14.82	184	30760	41.556 ng/ul#	85
55) 4-Nitrophenol	14.92	109	13317	10.908 ng/ul	97
56) Dibenzofuran	15.12	168	256539	40.880 ng/ul	94
57) 2,4-Dinitrotoluene	15.08	165	80410	47.709 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.34	232	69548	45.174 ng/ul	96
59) Diethylphthalate	15.53	149	269439	46.219 ng/ul	99
61) Fluorene	15.76	166	227419	42.820 ng/ul	90
62) 4-Chlorophenyl-phenylether	15.76	204	126752	43.413 ng/ul	99
63) 4-Nitroaniline	15.78	138	49345	47.261 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.84	198	50387	46.163 ng/ul#	95
67) N-Nitrosodiphenylamine	15.97	169	206119	44.864 ng/ul	97
68) 4-Bromophenyl-phenylether	16.65	248	91930	45.675 ng/ul	96
69) Hexachlorobenzene	16.78	284	107640	47.223 ng/ul	96
70) Atrazine	16.92	200	100676	47.880 ng/ul	98
71) Pentachlorophenol	17.12	266	61120	44.927 ng/ul	95
72) Phenanthrene	17.51	178	408731	46.438 ng/ul	99
74) Anthracene	17.60	178	397917	44.257 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	87372	35.492 ng/uL	96
76) Pentachlorobenzene	15.04	250	109179	41.806 ng/uL	96
77) Carbazole	17.87	167	373035	46.509 ng/ul	99
78) Di-n-butylphthalate	18.42	149	464163	46.253 ng/ul	99
80) Fluoranthene	19.52	202	517896	47.485 ng/ul	100
82) Pyrene	19.88	202	513979	47.297 ng/ul	99
83) Butylbenzylphthalate	20.76	149	202236	47.403 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.65	252	178517	41.760 ng/ul	99
85) Benzo(a)anthracene	21.73	228	514383	45.747 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.63	149	293049	47.094 ng/ul	98
87) Chrysene	21.80	228	495645	46.601 ng/ul	99
89) Di-n-octyl phthalate	22.87	149	490706	46.184 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	567974	48.775 ng/ul#	99
91) Benzo(k)fluoranthene	24.07	252	526789	46.397 ng/ul	94
93) Benzo(a)pyrene	24.90	252	483467	47.178 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.83	276	638781	48.312 ng/ul	95
95) Dibenzo(a,h)anthracene	28.89	278	534711	48.825 ng/ul	94
96) Benzo(g,h,i)perylene	30.00	276	530090	48.491 ng/ul	95

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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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