Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049229.D
Acq On : 8 Jul 2021 23:50
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 09 03:20:36 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 :
SICV201

Manual Integrations APPROVED
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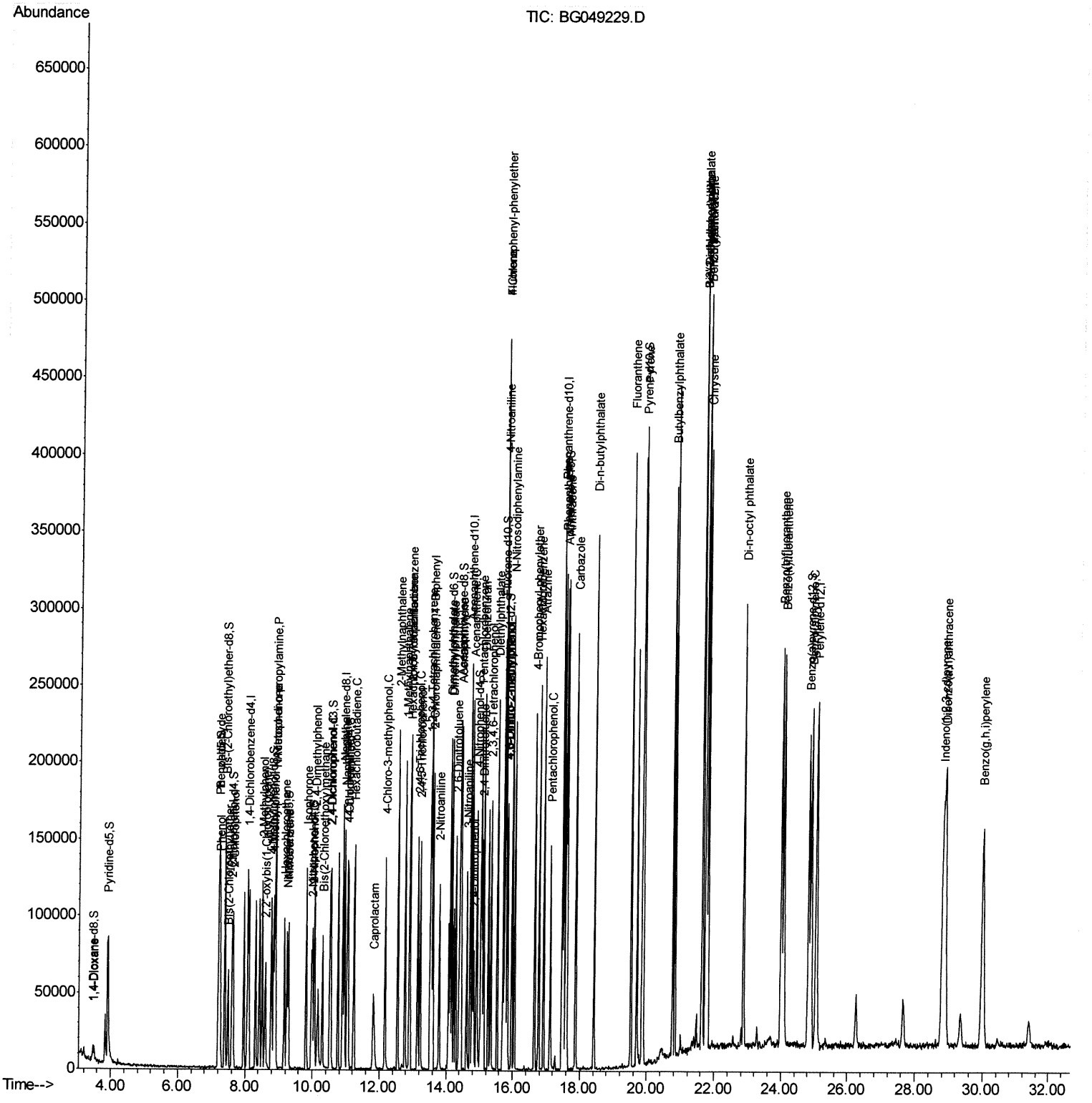

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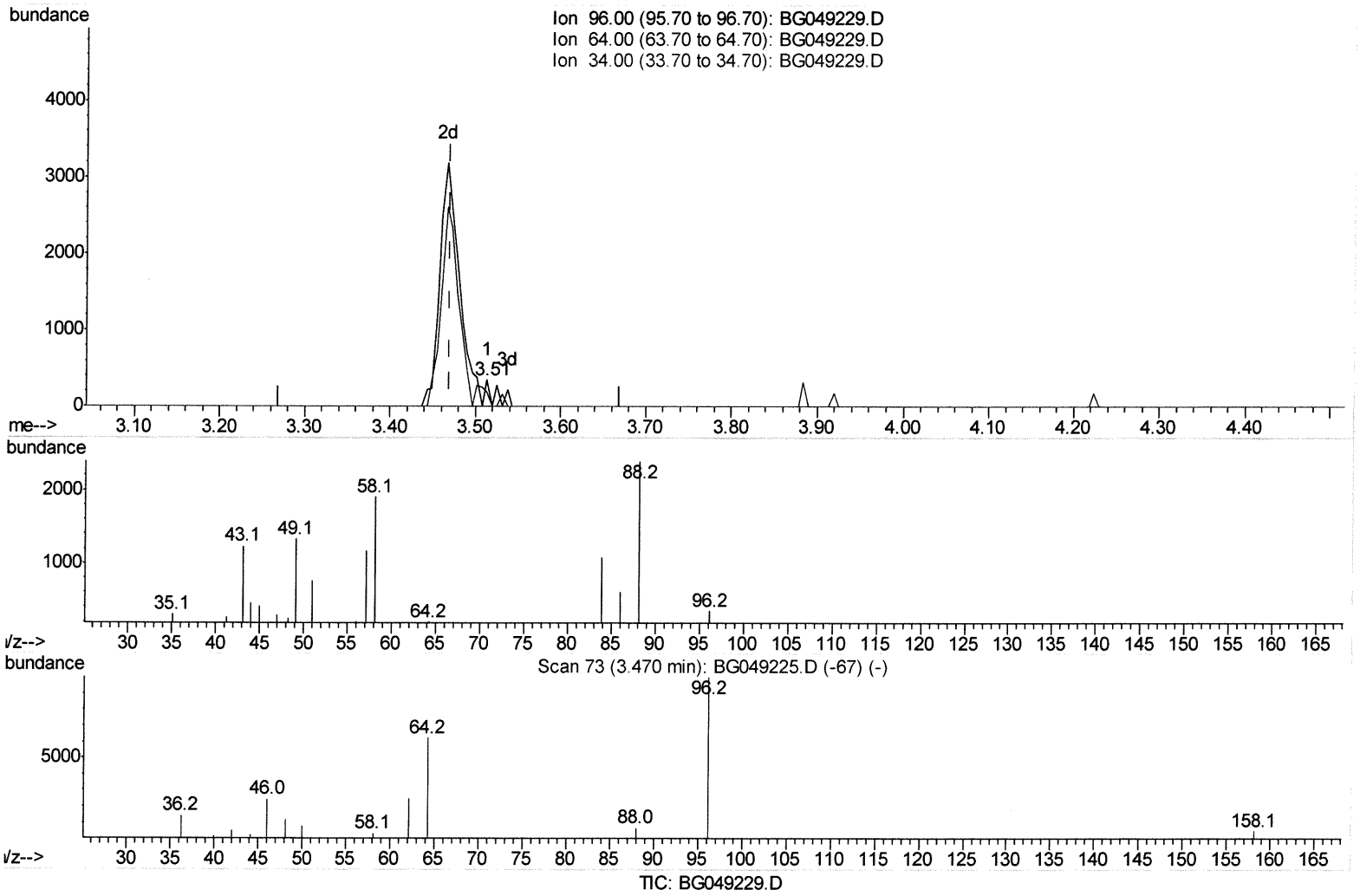

TIC: BG049229.D

(3) 1,4-Dioxane-d8 (S)

3.513min (+0.044) 0.16ng/uL

response 121

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	55.52
34.00	0.00	0.00
0.00	0.00	0.00

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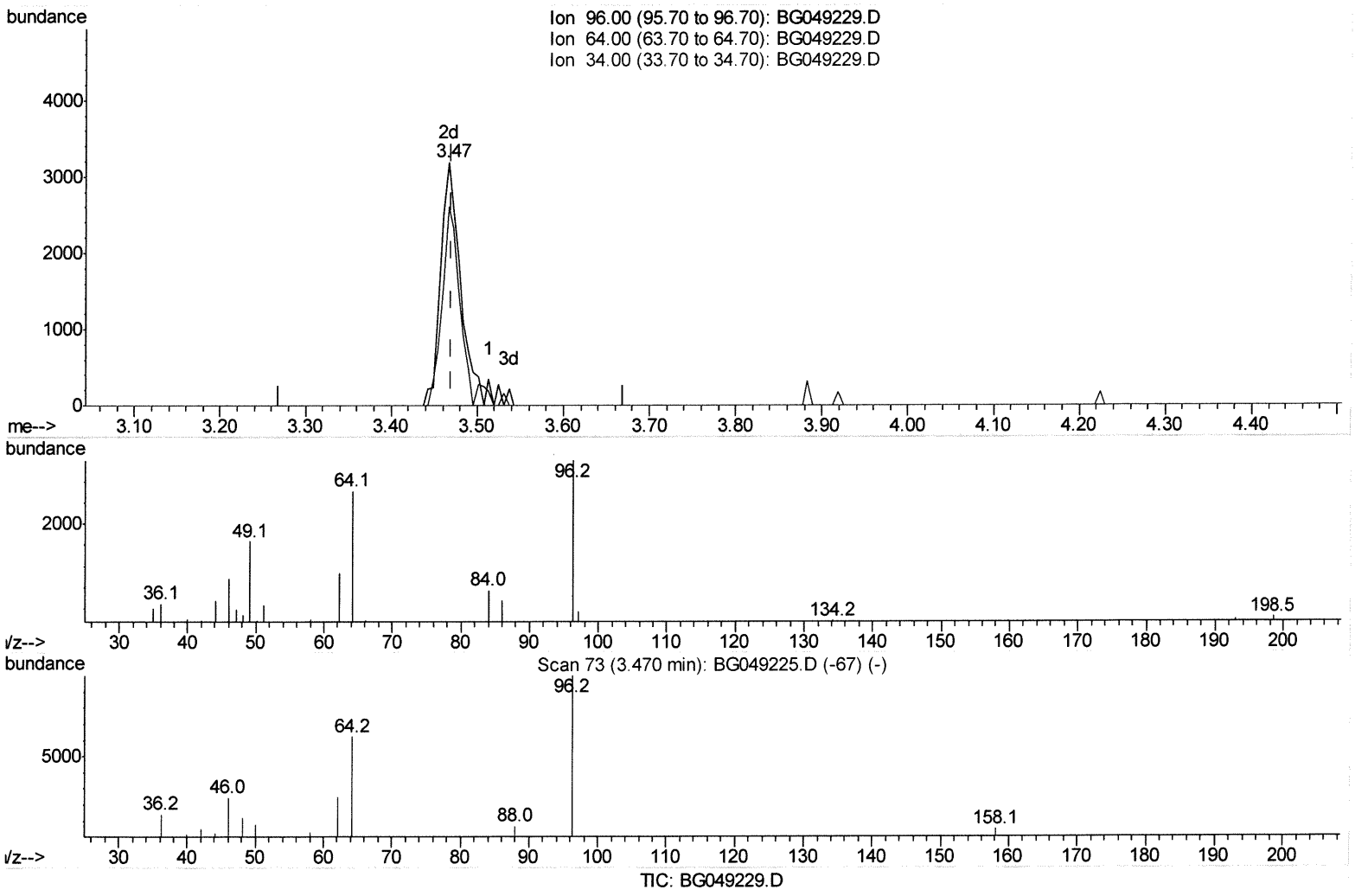

TIC: BG049229.D

(3) 1,4-Dioxane-d8 (S)

3.466min (-0.003) 6.85ng/uL m 07/12/21 JU

response 5091

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	81.92#
34.00	0.00	0.00
0.00	0.00	0.00

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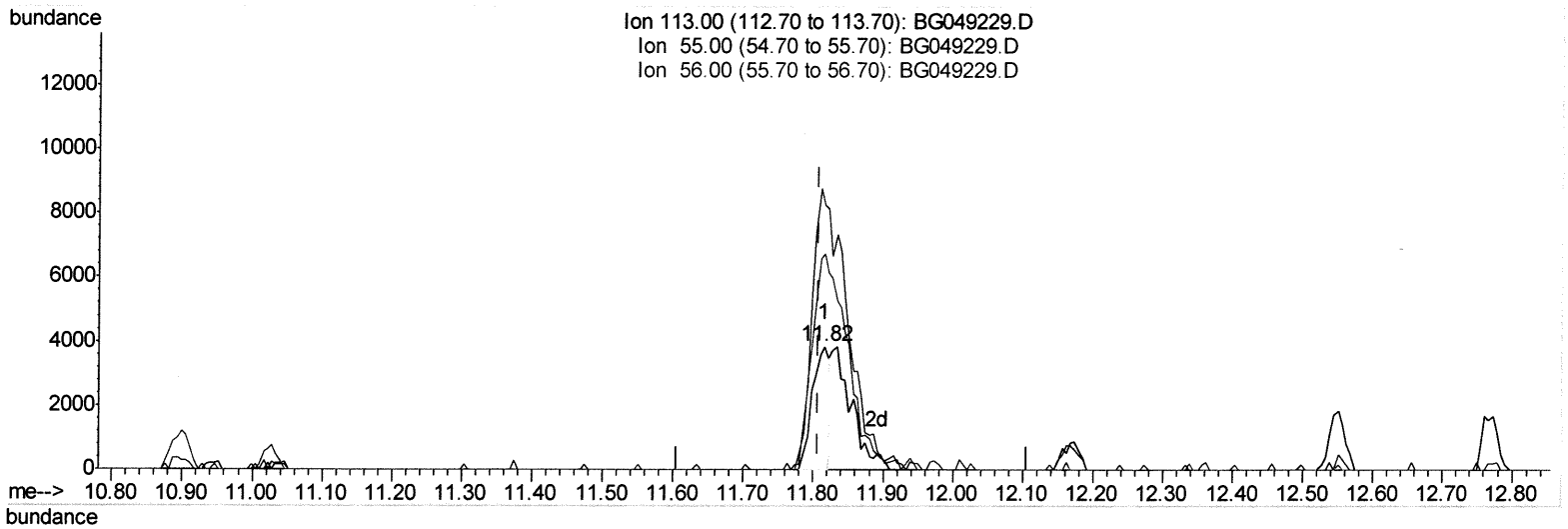

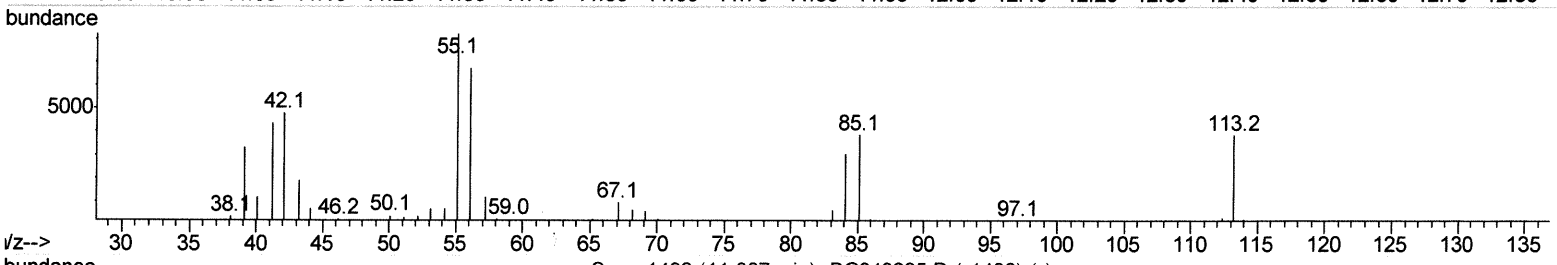

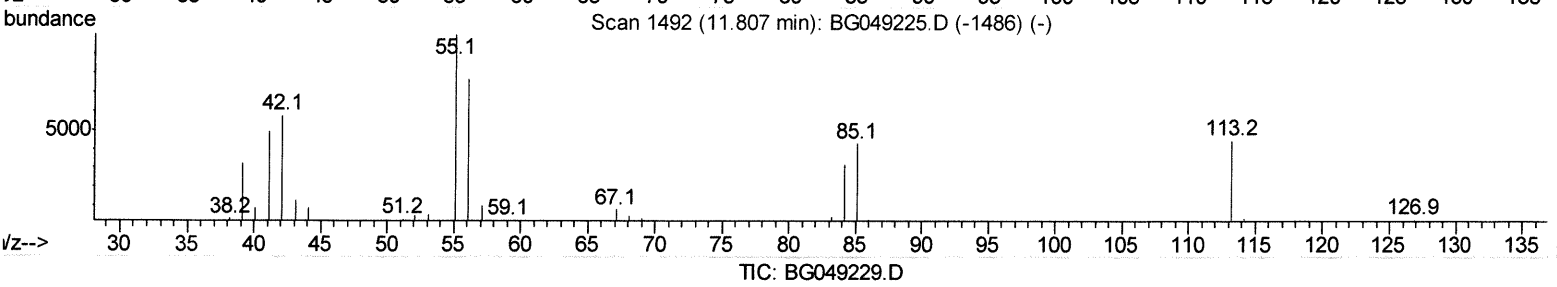

TIC: BG049229.D

(34) Caprolactam

11.815min (+0.008) 8.10ng/ul

response 6303

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	214.66
56.00	171.90	175.61
0.00	0.00	0.00

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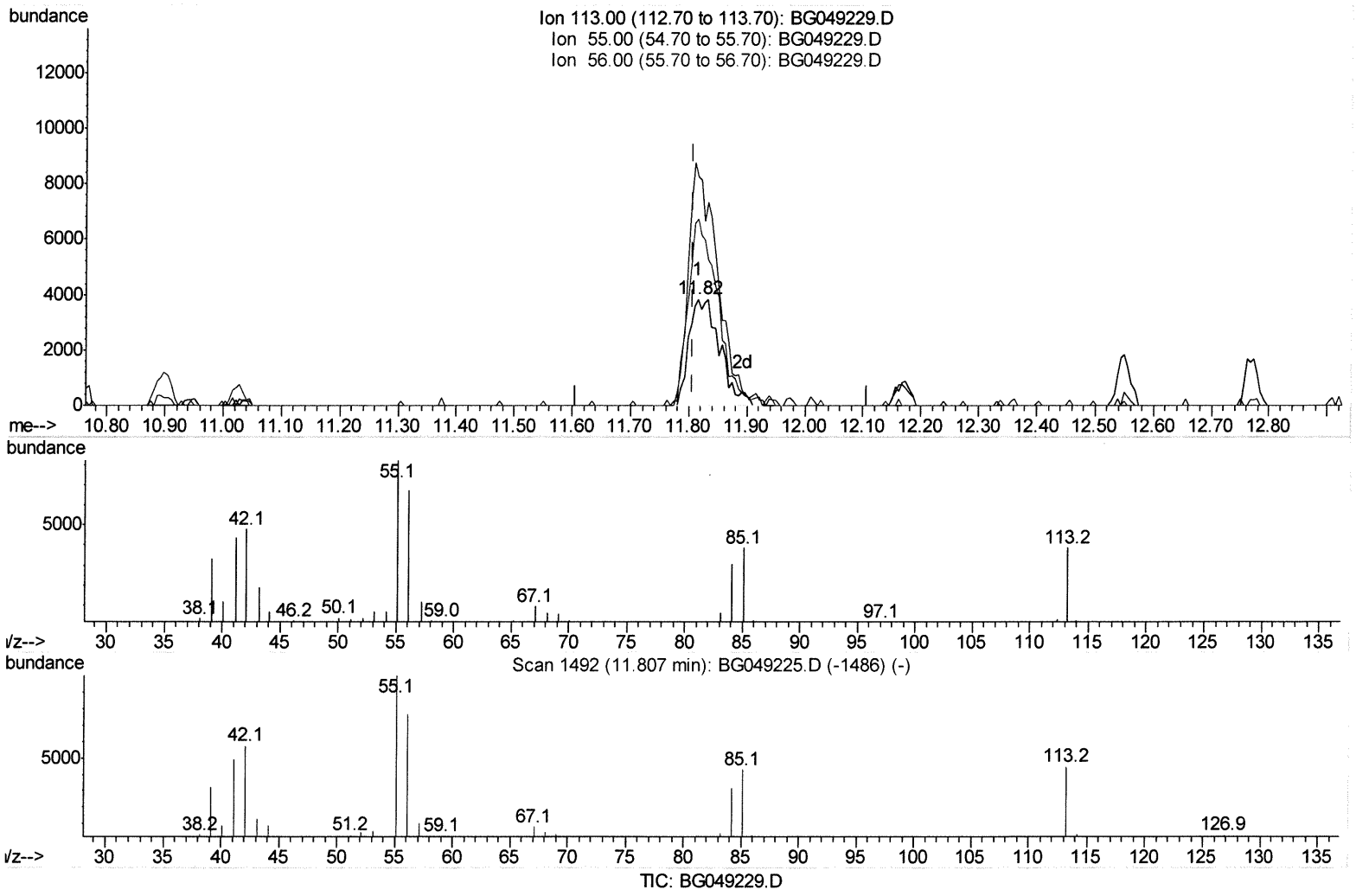

TIC: BG049229.D

(34) Caprolactam

11.815min (+0.008) 18.15ng/ul m 07/12/21JU

response 14120

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	214.66
56.00	171.90	175.61
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34971	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	142417	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	100389	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	229243	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	244086	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	252409	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5091m	> 6.85	ng/uL	> 0.00 07/12/21JU
4) Pyridine-d5	3.89	84	37801	17.29	ng/ul	0.00
7) Phenol-d5	7.23	99	50416	16.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	34049	19.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	40429	17.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	40767	16.73	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	20240	18.52	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	22309	17.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.52	165	43692	17.85	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	54775	17.17	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	136871	17.73	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	159651	17.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	22665	17.74	ng/ul	0.00
60) Fluorene-d10	15.71	176	114190	17.47	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	25534	17.52	ng/ul	0.00
73) Anthracene-d10	17.57	188	191309	18.33	ng/ul	0.00
81) Pyrene-d10	19.85	212	226170	18.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	236781	18.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	6185	6.831	ng/uL#	82
5) Pyridine	3.91	79	34537	14.242	ng/ul	96
6) Benzaldehyde	7.21	77	41726	22.801	ng/ul	96
8) Phenol	7.26	94	52330	17.201	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.49	93	37729	16.679	ng/ul#	82
12) 2-Chlorophenol	7.64	128	39013	17.191	ng/ul	98
13) 2-Methylphenol	8.51	108	38130	16.455	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.60	45	62322	17.129	ng/ul	97
16) Acetophenone	8.90	105	74461	18.624	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.88	70	35717	17.582	ng/ul	97
18) 4-Methylphenol	8.84	108	40936	16.981	ng/ul	89
19) Hexachloroethane	9.17	117	18612	18.114	ng/ul	88
22) Nitrobenzene	9.28	77	54198	17.586	ng/ul	98
23) Isophorone	9.81	82	93597	17.581	ng/ul	98
25) 2-Nitrophenol	10.01	139	23916	18.686	ng/ul	90
26) 2,4-Dimethylphenol	10.05	107	50465	17.807	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.29	93	49948	17.597	ng/ul	96
29) 2,4-Dichlorophenol	10.54	162	41769	18.674	ng/ul	92
30) Naphthalene	10.95	128	127867	18.008	ng/ul	97
32) 4-Chloroaniline	11.05	127	52941	16.833	ng/ul	93
33) Hexachlorobutadiene	11.23	225	34159	18.009	ng/ul	99
34) Caprolactam	11.82	113	14120m	> 18.147	ng/ul	> 07/12/21JU

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Quant Time: Jul 09 03:20:36 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	45130	18.063 ng/ul	91
36) 2-Methylnaphthalene	12.55	142	97554	18.083 ng/ul	96
37) 1-Methylnaphthalene	12.77	142	90643	16.895 ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	61288	19.437 ng/ul#	96
40) Hexachlorocyclopentadiene	12.90	237	38627	18.446 ng/ul	93
41) 2,4,6-Trichlorophenol	13.16	196	36573	17.931 ng/ul	91
42) 2,4,5-Trichlorophenol	13.23	196	38742	17.858 ng/ul	92
43) 1,1'-Biphenyl	13.55	154	131455	19.382 ng/ul	98
44) 2-Chloronaphthalene	13.60	162	95964	18.059 ng/ul	99
45) 2-Nitroaniline	13.80	65	35660	18.304 ng/ul	88
47) Dimethylphthalate	14.17	163	129010	18.003 ng/ul#	99
48) 2,6-Dinitrotoluene	14.29	165	29136	18.879 ng/ul#	81
50) Acenaphthylene	14.44	152	155931	19.355 ng/ul	99
51) 3-Nitroaniline	14.62	138	26936	19.167 ng/ul	90
52) Acenaphthene	14.78	153	102308	17.486 ng/ul	98
53) 2,4-Dinitrophenol	14.82	184	16258	16.622 ng/ul	94
55) 4-Nitrophenol	14.92	109	27605	17.112 ng/ul	97
56) Dibenzofuran	15.12	168	152496	18.391 ng/ul	95
57) 2,4-Dinitrotoluene	15.08	165	40381	18.132 ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.34	232	36821	18.100 ng/ul#	82
59) Diethylphthalate	15.53	149	138367	17.963 ng/ul	98
61) Fluorene	15.77	166	127346	18.146 ng/ul	94
62) 4-Chlorophenyl-phenylether	15.76	204	68553	17.769 ng/ul	100
63) 4-Nitroaniline	15.78	138	28637	20.757 ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.84	198	24096	17.378 ng/ul#	99
67) N-Nitrosodiphenylamine	15.97	169	108686	18.622 ng/ul	99
68) 4-Bromophenyl-phenylether	16.65	248	47404	18.540 ng/ul	92
69) Hexachlorobenzene	16.77	284	52881	18.262 ng/ul	95
70) Atrazine	16.92	200	50751	18.999 ng/ul	97
71) Pentachlorophenol	17.12	266	30707	17.768 ng/ul	94
72) Phenanthrene	17.51	178	208464	18.644 ng/ul	98
74) Anthracene	17.60	178	211491	18.516 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	58425	18.682 ng/uL	97
76) Pentachlorobenzene	15.04	250	62178	18.741 ng/uL	96
77) Carbazole	17.87	167	189615	18.609 ng/ul	99
78) Di-n-butylphthalate	18.43	149	236492	18.550 ng/ul	99
80) Fluoranthene	19.52	202	262854	18.066 ng/ul	99
82) Pyrene	19.88	202	264207	18.225 ng/ul	99
83) Butylbenzylphthalate	20.76	149	104188	18.306 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.65	252	119013	20.869 ng/ul	100
85) Benzo(a)anthracene	21.73	228	267600	17.840 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	146785	17.682 ng/ul	100
87) Chrysene	21.80	228	259806	18.311 ng/ul	98
89) Di-n-octyl phthalate	22.87	149	256103	18.026 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	285870	18.359 ng/ul	95
91) Benzo(k)fluoranthene	24.07	252	265232	17.469 ng/ul	99
93) Benzo(a)pyrene	24.90	252	267549	19.524 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.82	276	364580	20.620 ng/ul	95
95) Dibenzo(a,h)anthracene	28.89	278	310278	21.188 ng/ul	93
96) Benzo(g,h,i)perylene	30.00	276	316996	21.686 ng/ul	93

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

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