Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049317.D
Acq On : 13 Jul 2021 14:41
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Ouant Time: Jul 13 15:21:43 2021
Ouant 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
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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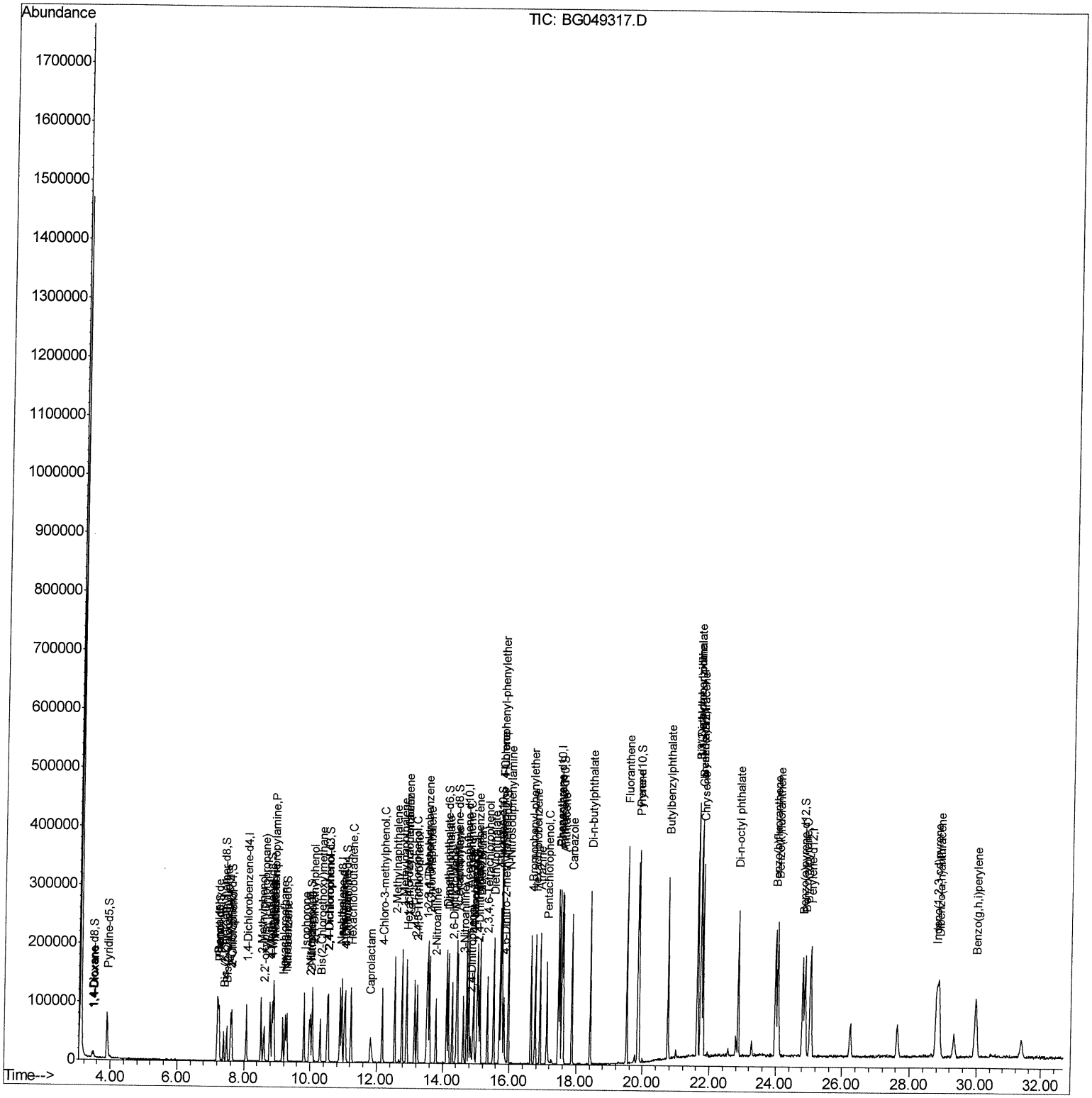

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049317.D
Acq On : 13 Jul 2021 14:41
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Ouant Time: Jul 13 15:18:46 2021
Ouant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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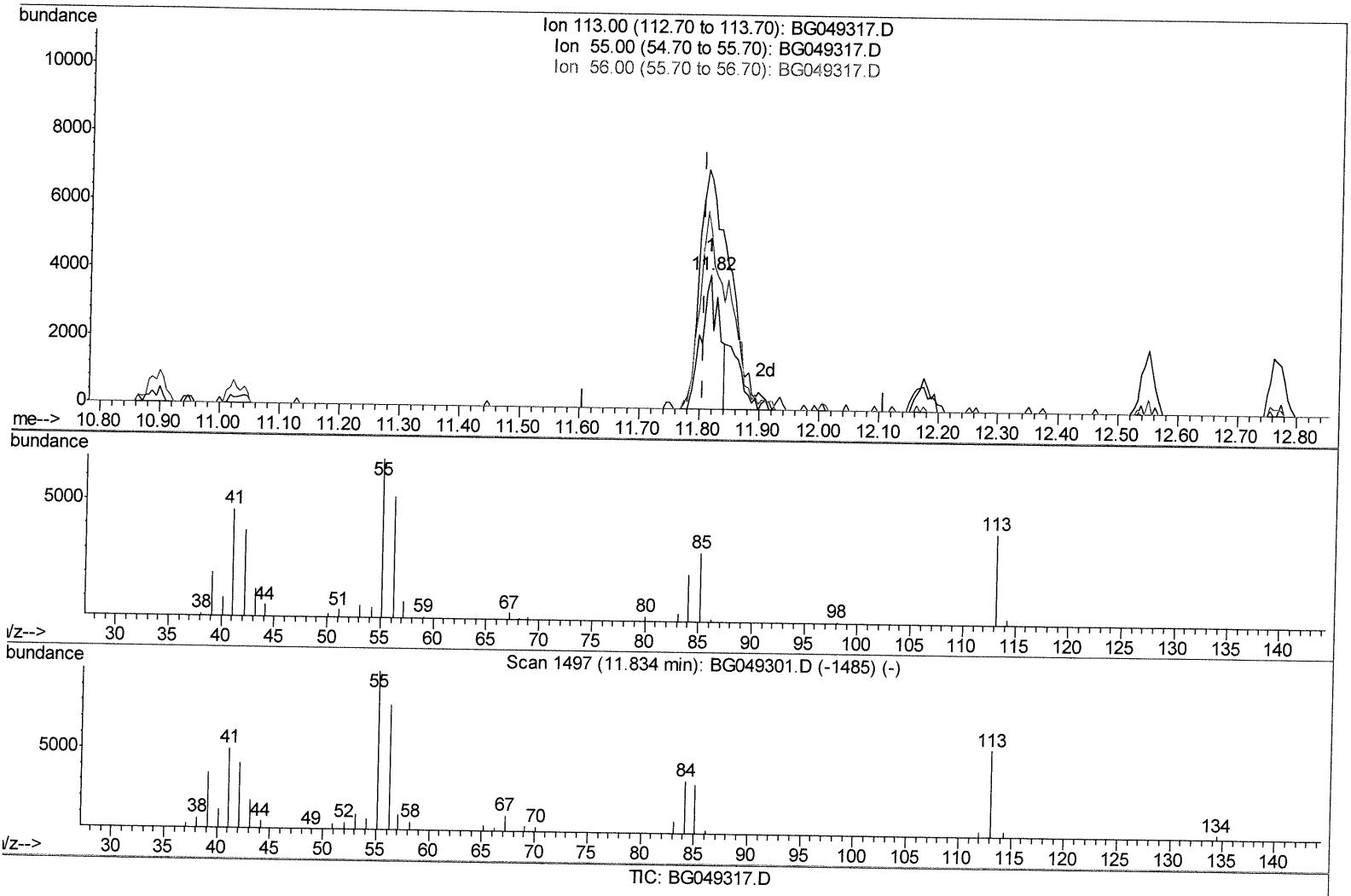

(34) Caprolactam

11.816min (+0.009) 14.30ng/ul

response 8052

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	171.36#
56.00	171.90	132.03#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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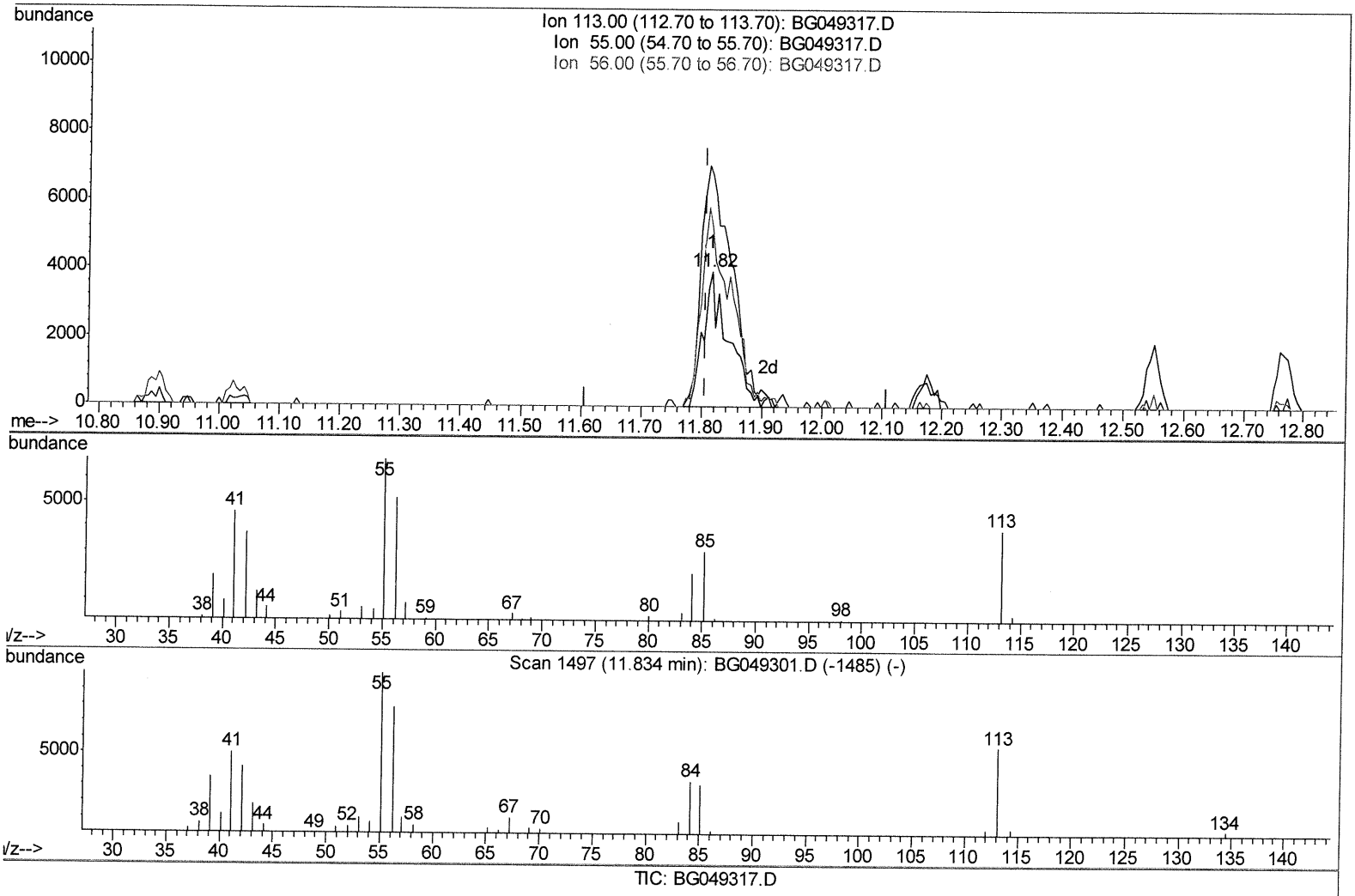

TIC: BG049317.D

(34) Caprolactam

11.816min (+0.009) 20.19ng/ul m

response 11368

7/14/21

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	171.36#
56.00	171.90	132.03#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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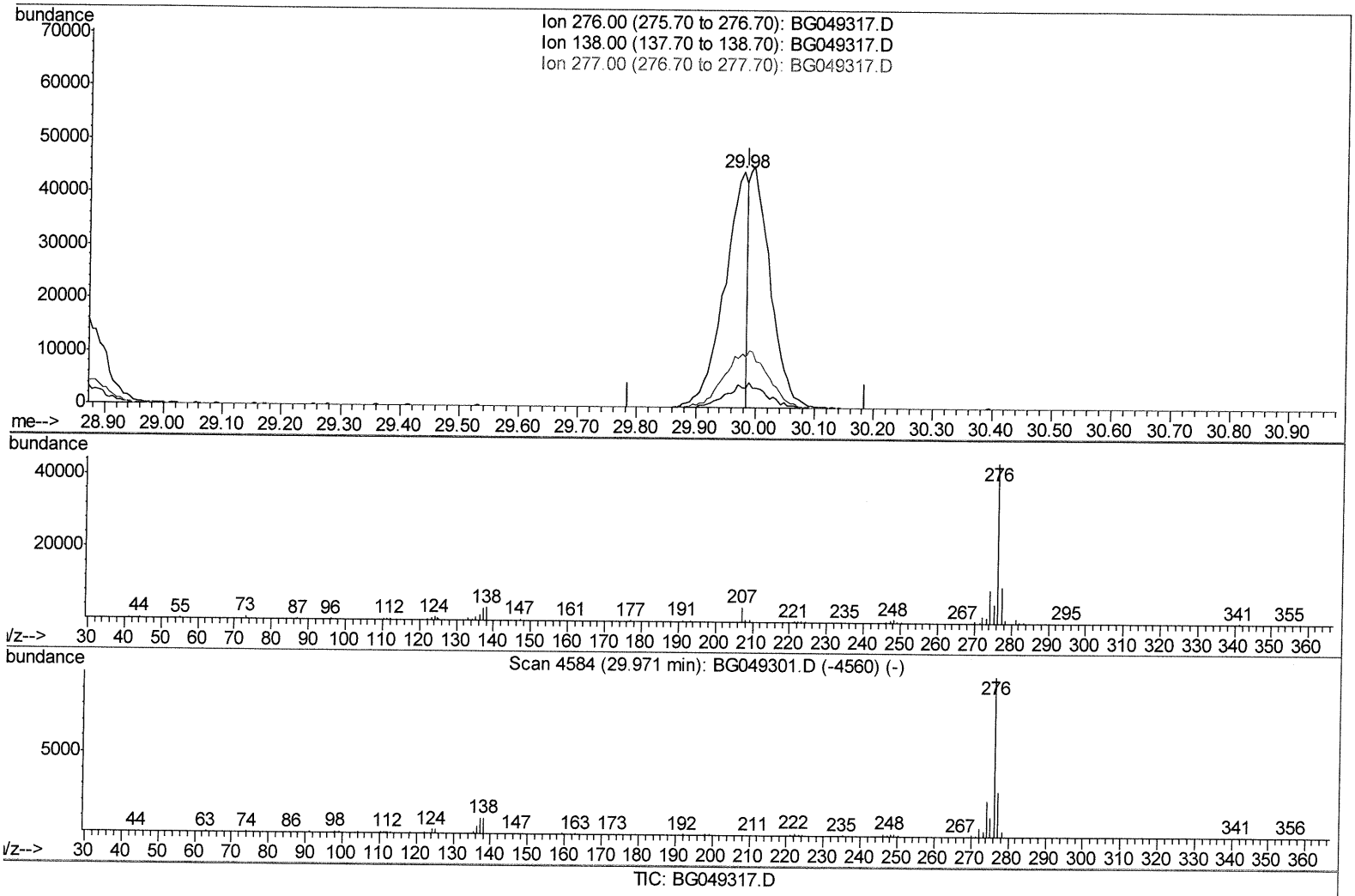

(96) Benzo(g,h,i)perylene

29.977min (-0.008) 10.63ng/ul

response 118317

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	8.25
277.00	20.40	22.76
0.00	0.00	0.00

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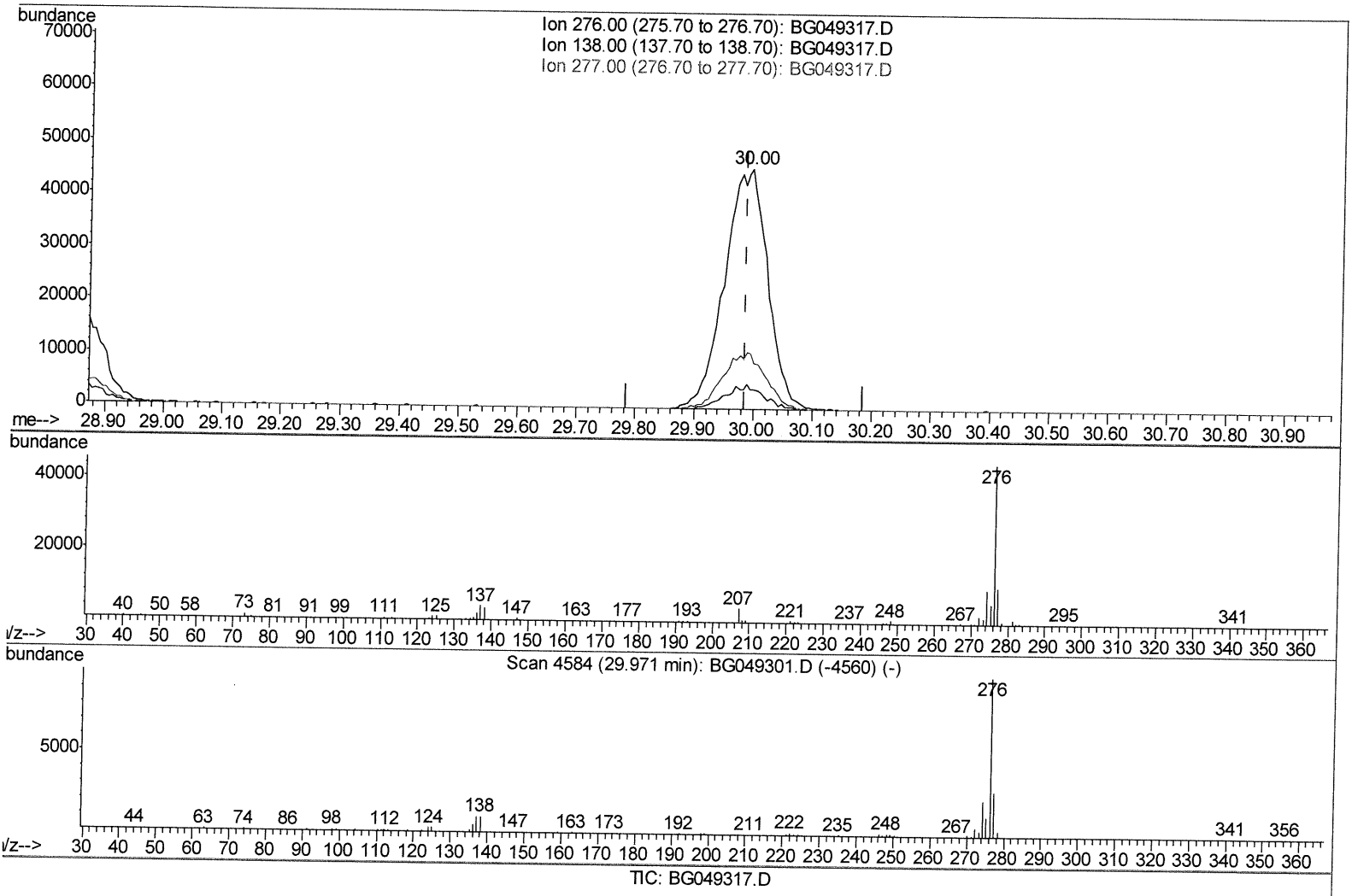

(96) Benzo(g,h,i)perylene

29.995min (+0.009) 20.61ng/ul m

response 229369

7/13/2021

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	7.98
277.00	20.40	23.17
0.00	0.00	0.00

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Instrument :
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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)
1) 1,4-Dichlorobenzene-d4	8.07	152	23869	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	103055	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	79017	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	186809	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	182126	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	192199	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4284	8.44	ng/uL	-0.01
4) Pyridine-d5	3.88	84	30271	20.29	ng/ul	0.00
7) Phenol-d5	7.23	99	41912	20.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	24299	20.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	32822	21.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	34340	20.64	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	16587	20.97	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	19480	21.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	38579	21.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	46752	20.25	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	122804	20.21	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	141214	19.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	18283	18.18	ng/ul	0.00
60) Fluorene-d10	15.71	176	104443	20.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	15990	13.47	ng/ul	0.00
73) Anthracene-d10	17.57	188	174106	20.47	ng/ul	0.00
81) Pyrene-d10	19.85	212	201819	21.62	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	200232	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	5171	8.368	ng/uL	94
5) Pyridine	3.90	79	33832	20.440	ng/ul	87
6) Benzaldehyde	7.21	77	30206	24.183	ng/ul	95
8) Phenol	7.26	94	43056	20.736	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.49	93	31711	20.540	ng/ul	89
12) 2-Chlorophenol	7.63	128	33289	21.492	ng/ul	94
13) 2-Methylphenol	8.51	108	32351	20.454	ng/ul	90
14) 2,2'-oxybis(1-Chloropropan	8.60	45	54601	21.987	ng/ul	94
16) Acetophenone	8.90	105	56168	20.583	ng/ul	91
17) N-Nitroso-di-n-propylamine	8.88	70	30799	22.212	ng/ul	93
18) 4-Methylphenol	8.84	108	35129	21.349	ng/ul	92
19) Hexachloroethane	9.17	117	14276	20.356	ng/ul	92
22) Nitrobenzene	9.28	77	45285	20.306	ng/ul	97
23) Isophorone	9.81	82	78573	20.396	ng/ul#	93
25) 2-Nitrophenol	10.00	139	18987	20.501	ng/ul#	80
26) 2,4-Dimethylphenol	10.05	107	44317	21.611	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.29	93	43211	21.039	ng/ul	93
29) 2,4-Dichlorophenol	10.54	162	35859	22.155	ng/ul	97
30) Naphthalene	10.95	128	108652	21.146	ng/ul	97
32) 4-Chloroaniline	11.05	127	45769	20.111	ng/ul	91
33) Hexachlorobutadiene	11.23	225	27559	20.079	ng/ul	94
34) Caprolactam	11.82	113	11368m>	20.190	ng/ul>	94

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Quant Time: Jul 13 15:21:43 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	40885	22.614 ng/ul	89
36) 2-Methylnaphthalene	12.55	142	82978	21.256 ng/ul	94
37) 1-Methylnaphthalene	12.77	142	82932	21.362 ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	50076	20.177 ng/ul#	95
40) Hexachlorocyclopentadiene	12.90	237	26866	16.300 ng/ul	94
41) 2,4,6-Trichlorophenol	13.16	196	34854	21.710 ng/ul	92
42) 2,4,5-Trichlorophenol	13.23	196	35691	20.902 ng/ul	83
43) 1,1'-Biphenyl	13.55	154	107512	20.139 ng/ul	97
44) 2-Chloronaphthalene	13.60	162	83655	20.001 ng/ul	96
45) 2-Nitroaniline	13.80	65	32086	20.924 ng/ul	91
47) Dimethylphthalate	14.17	163	115227	20.428 ng/ul#	96
48) 2,6-Dinitrotoluene	14.29	165	24158	19.887 ng/ul	89
50) Acenaphthylene	14.44	152	130937	20.648 ng/ul	98
51) 3-Nitroaniline	14.62	138	22974	20.769 ng/ul	94
52) Acenaphthene	14.78	153	92915	20.176 ng/ul	99
53) 2,4-Dinitrophenol	14.83	184	12082	15.694 ng/ul#	81
55) 4-Nitrophenol	14.93	109	24044	18.936 ng/ul	98
56) Dibenzofuran	15.12	168	132136	20.246 ng/ul	98
57) 2,4-Dinitrotoluene	15.07	165	34911	19.916 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.34	232	29277	18.284 ng/ul#	83
59) Diethylphthalate	15.53	149	120415	19.860 ng/ul	98
61) Fluorene	15.76	166	114728	20.770 ng/ul	96
62) 4-Chlorophenyl-phenylether	15.75	204	62572	20.606 ng/ul	98
63) 4-Nitroaniline	15.78	138	24130	22.221 ng/ul#	75
66) 4,6-Dinitro-2-methylphenol	15.84	198	15873	14.048 ng/ul#	86
67) N-Nitrosodiphenylamine	15.97	169	96830	20.359 ng/ul	98
68) 4-Bromophenyl-phenylether	16.65	248	41663	19.996 ng/ul	94
69) Hexachlorobenzene	16.78	284	49344	20.911 ng/ul	92
70) Atrazine	16.92	200	42888	19.703 ng/ul	97
71) Pentachlorophenol	17.12	266	34918	24.794 ng/ul	96
72) Phenanthrene	17.51	178	180769	19.839 ng/ul	98
74) Anthracene	17.60	178	187093	20.101 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	51209	20.094 ng/uL	96
76) Pentachlorobenzene	15.04	250	54510	20.162 ng/uL	98
77) Carbazole	17.87	167	165670	19.953 ng/ul	99
78) Di-n-butylphthalate	18.42	149	203516	19.590 ng/ul	99
80) Fluoranthene	19.52	202	231531	21.327 ng/ul	99
82) Pyrene	19.88	202	234501	21.679 ng/ul	98
83) Butylbenzylphthalate	20.76	149	87056	20.500 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	85869	20.180 ng/ul	98
85) Benzo(a)anthracene	21.73	228	230172	20.565 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	127224	20.540 ng/ul	98
87) Chrysene	21.80	228	216585	20.458 ng/ul	98
89) Di-n-octyl phthalate	22.87	149	211315	19.533 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	242955	20.490 ng/ul#	97
91) Benzo(k)fluoranthene	24.07	252	232806	20.137 ng/ul	95
93) Benzo(a)pyrene	24.89	252	214623	20.568 ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.80	276	275341	20.452 ng/ul	97
95) Dibenzo(a,h)anthracene	28.88	278	232222	20.825 ng/ul	93
96) Benzo(g,h,i)perylene	30.00	276	229369m	20.607 ng/ul	

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

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