Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049280.D
Acq On : 11 Jul 2021 1:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jul 11 04:26:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 11 01:28:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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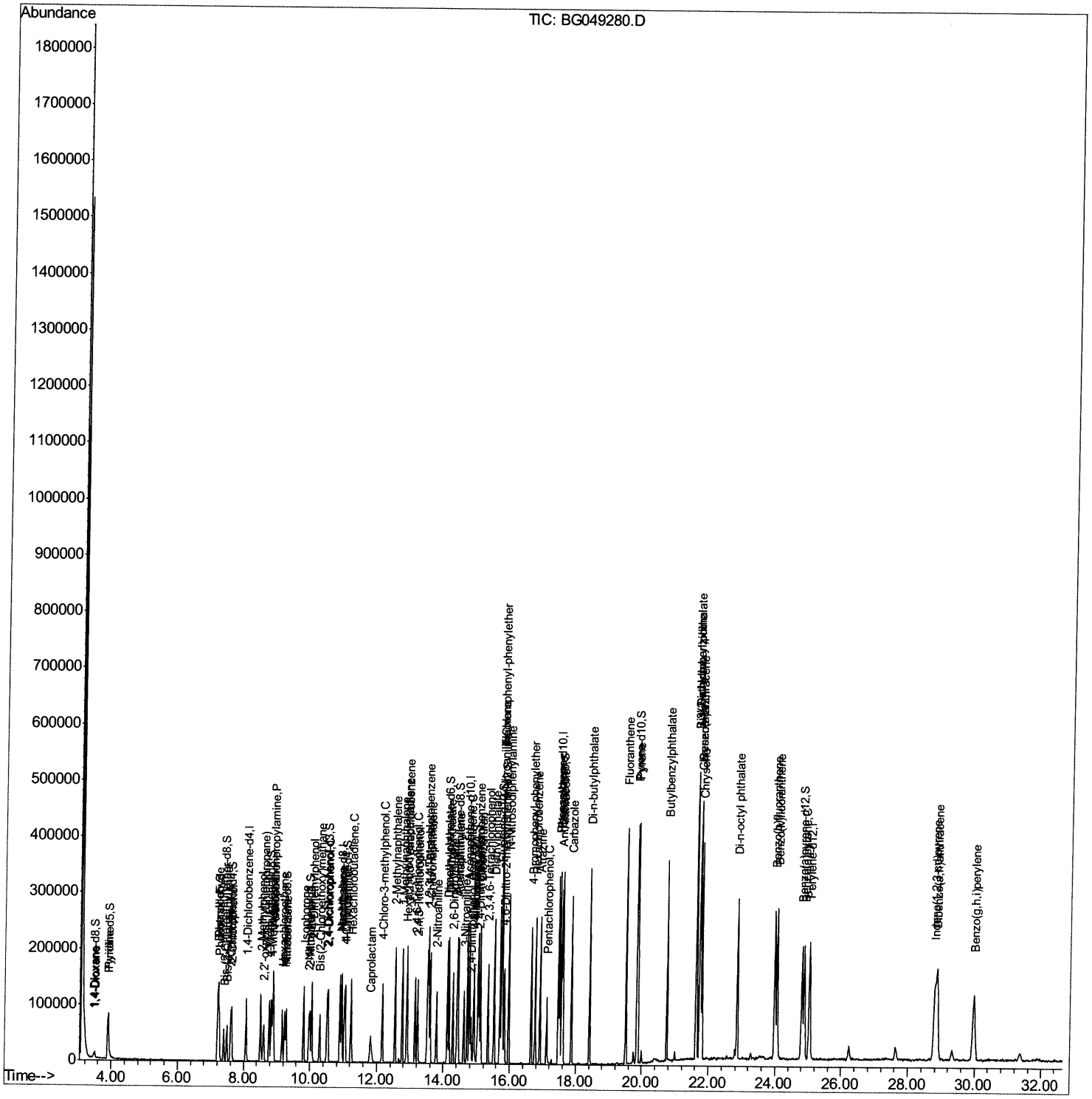

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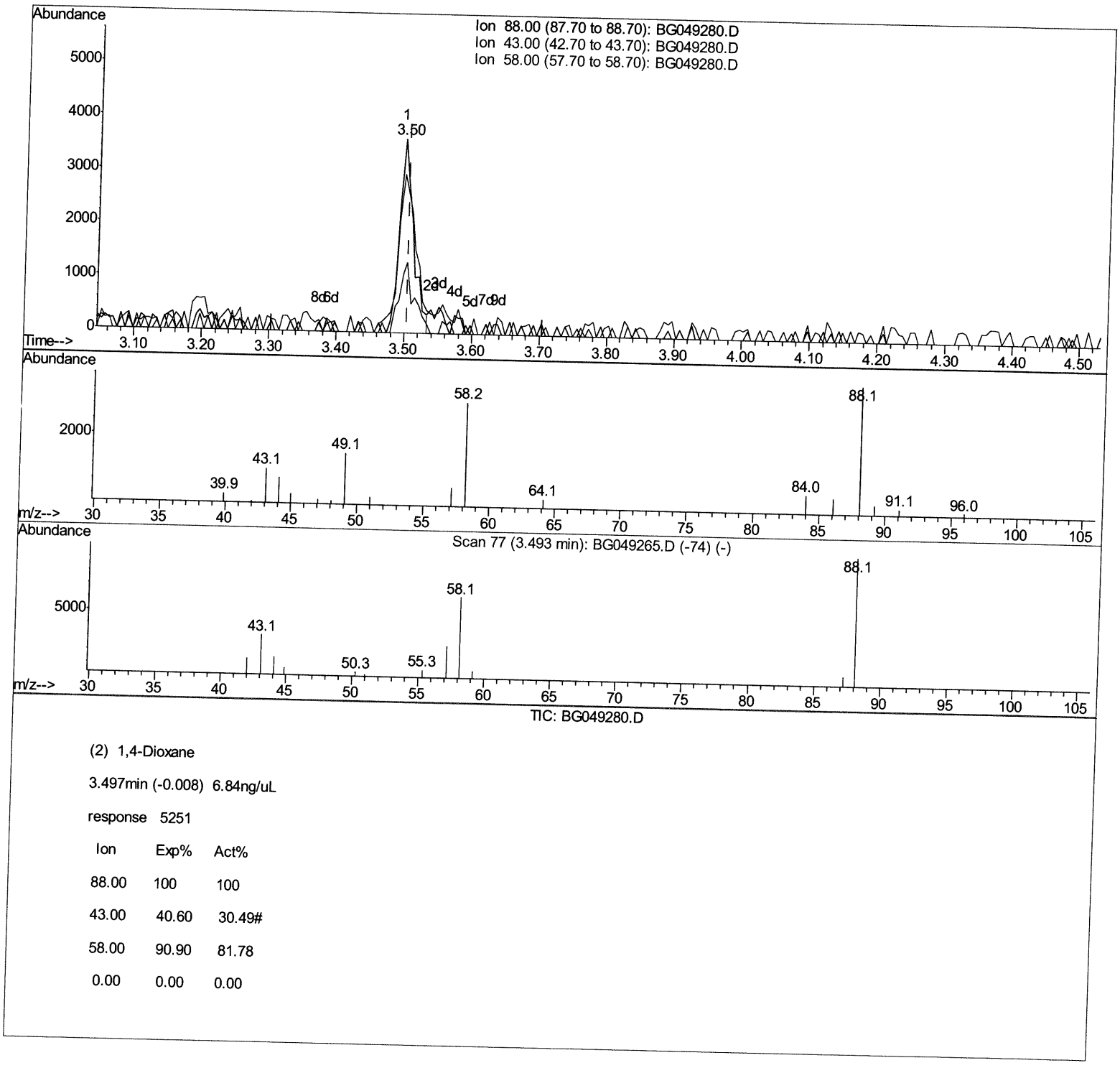

(2) 1,4-Dioxane

3.497min (-0.008) 6.84ng/uL

response 5251

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	30.49#
58.00	90.90	81.78
0.00	0.00	0.00

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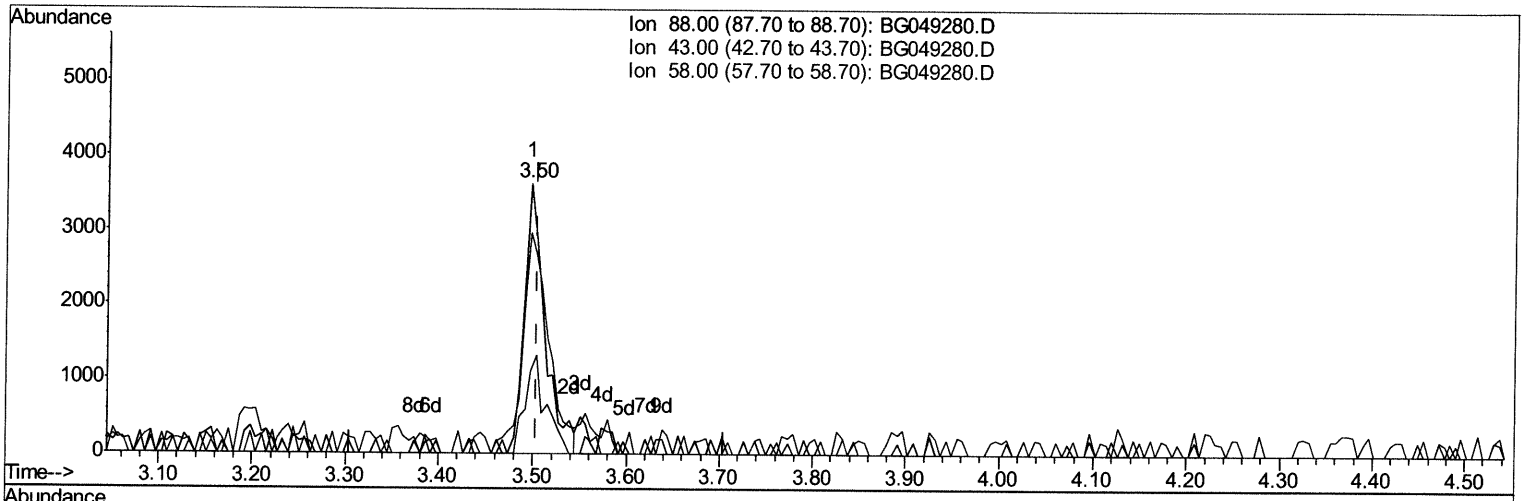

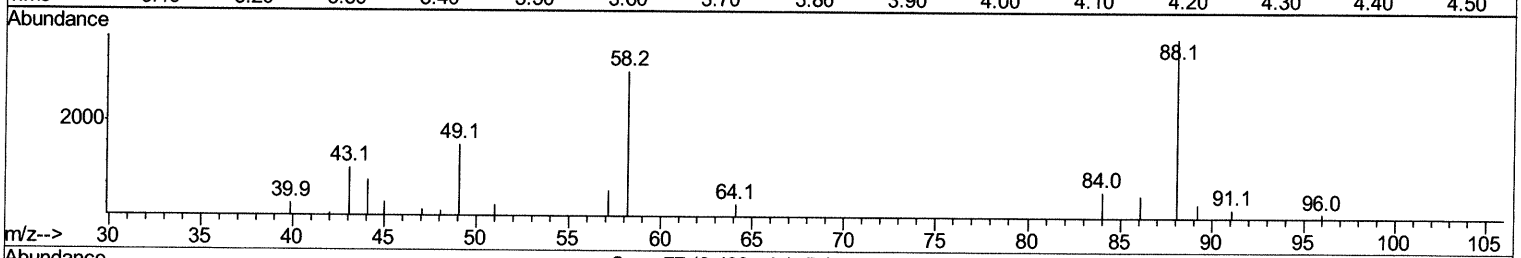

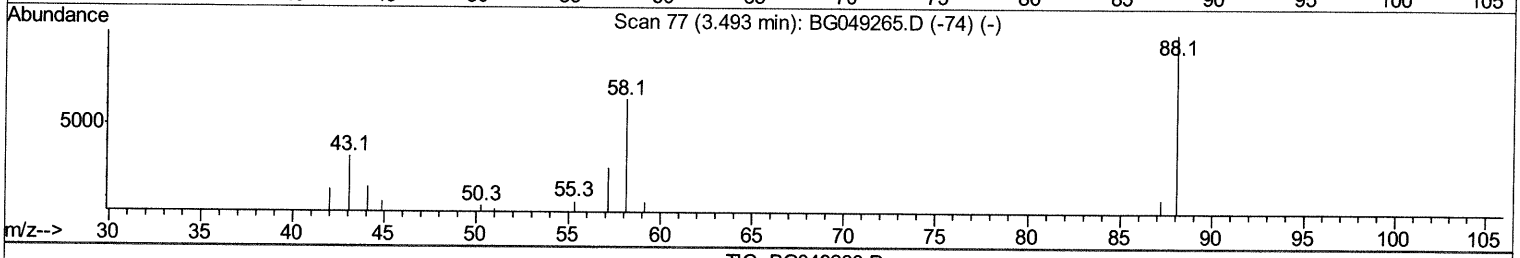

TIC: BG049280.D

(2) 1,4-Dioxane

3.497min (-0.008) 7.17ng/uL m 07/13/21 JU

response 5505

Ion	Exp%	Act%
88.00	100	100
43.00	40.60	30.49#
58.00	90.90	81.78
0.00	0.00	0.00

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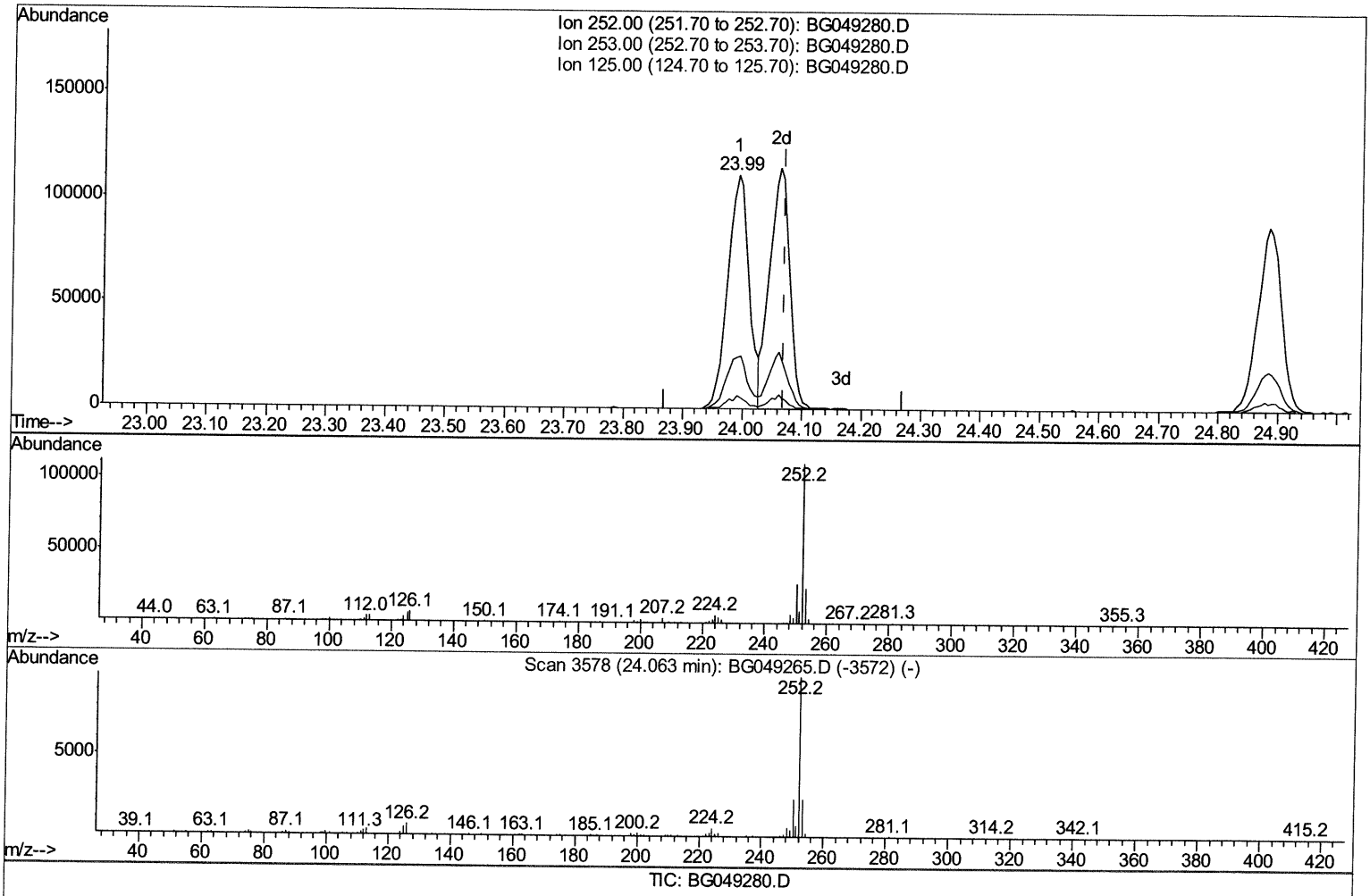

TIC: BG049280.D

(91) Benzo(k)fluoranthene

23.991min (-0.078) 19.89ng/ul

response 277315

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	22.01
125.00	4.60	5.49
0.00	0.00	0.00

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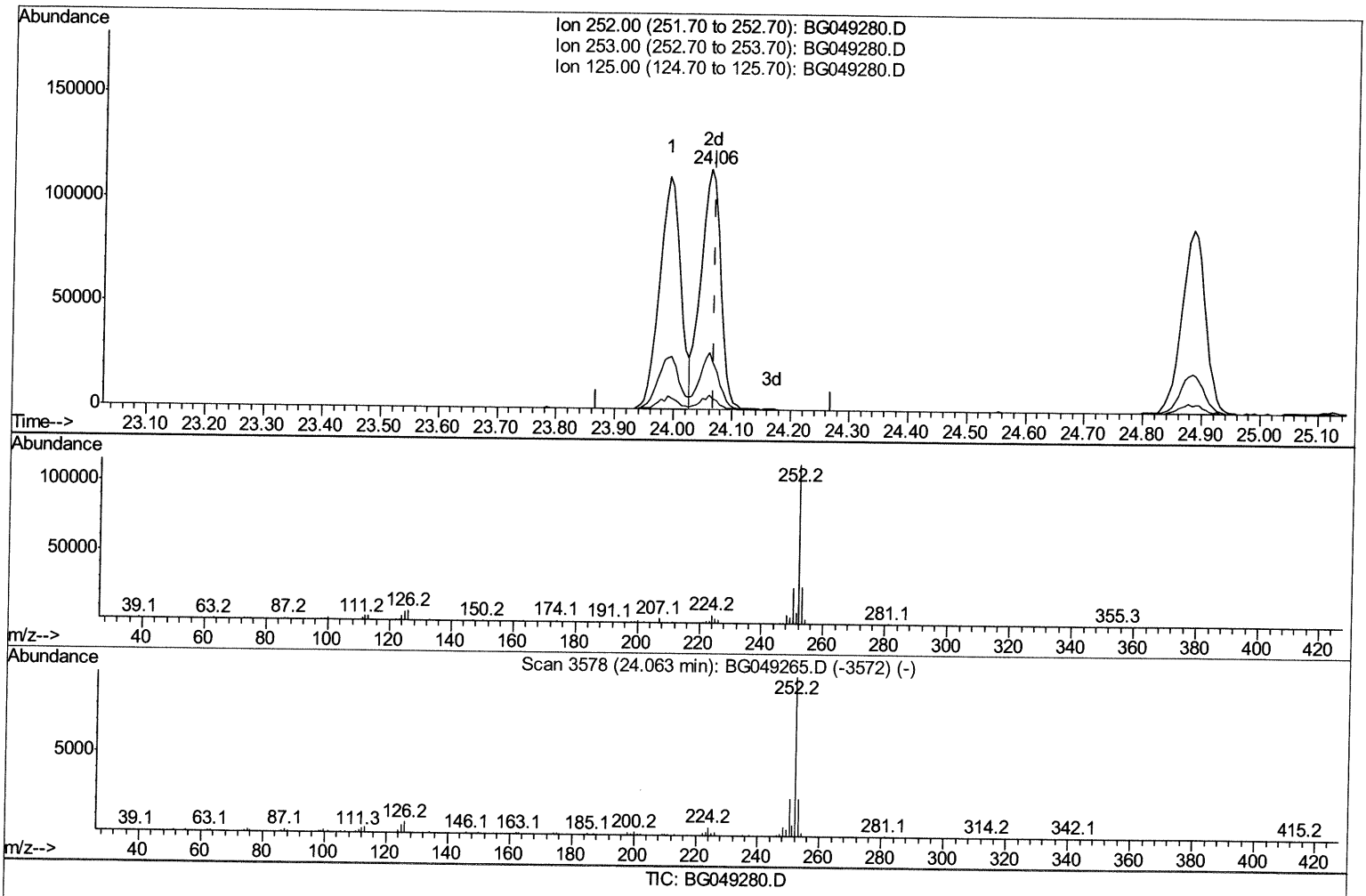

TIC: BG049280.D

(91) Benzo(k)fluoranthene

24.061min (-0.008) 19.49ng/ul m 07/12/21 JU

response 271832

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	23.58
125.00	4.60	5.74#
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	8.07	152	29638	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	121981	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	91930	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	222597	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	218940	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	231827	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4772	7.57	ng/uL	0.00
4) Pyridine-d5	3.88	84	29954	16.17	ng/ul	0.00
7) Phenol-d5	7.22	99	49397	19.16	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	29426	19.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	36384	19.10	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	38078	18.43	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	18528	19.79	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	23036	21.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	41495	19.79	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	51267	18.76	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	137876	19.50	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	166821	20.11	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	20601	17.60	ng/ul	0.00
60) Fluorene-d10	15.71	176	116542	19.47	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	23042	16.29	ng/ul	0.00
73) Anthracene-d10	17.56	188	194470	19.19	ng/ul	0.00
81) Pyrene-d10	19.85	212	232480	20.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	243598	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	5505m	> 7.174	ng/uL	> 07/13/2021
5) Pyridine	3.91	79	34779	16.922	ng/ul	95
6) Benzaldehyde	7.20	77	34984	22.557	ng/ul	99
8) Phenol	7.25	94	48088	18.651	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.49	93	34772	18.138	ng/ul#	86
12) 2-Chlorophenol	7.63	128	37186	19.335	ng/ul	90
13) 2-Methylphenol	8.51	108	37454	19.071	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.60	45	60265	19.545	ng/ul	99
16) Acetophenone	8.90	105	64948	19.168	ng/ul	89
17) N-Nitroso-di-n-propylamine	8.88	70	33957	19.723	ng/ul	98
18) 4-Methylphenol	8.84	108	38546	18.866	ng/ul	94
19) Hexachloroethane	9.17	117	16682	19.157	ng/ul	91
22) Nitrobenzene	9.28	77	52513	19.894	ng/ul#	94
23) Isophorone	9.81	82	93199	20.439	ng/ul	99
25) 2-Nitrophenol	10.00	139	22218	20.268	ng/ul	93
26) 2,4-Dimethylphenol	10.05	107	49877	20.548	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.29	93	49625	20.413	ng/ul#	85
29) 2,4-Dichlorophenol	10.54	162	37545	19.598	ng/ul	92
30) Naphthalene	10.94	128	121478	19.974	ng/ul	96
32) 4-Chloroaniline	11.05	127	54065	20.070	ng/ul	93
33) Hexachlorobutadiene	11.23	225	33221	20.449	ng/ul	93
34) Caprolactam	11.81	113	12432	18.654	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	44874	20.969 ng/ul	90
36) 2-Methylnaphthalene	12.55	142	95373	20.640 ng/ul	90
37) 1-Methylnaphthalene	12.77	142	94210	20.502 ng/ul#	93
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	57549	19.931 ng/ul	94
40) Hexachlorocyclopentadiene	12.89	237	33348	17.390 ng/ul	99
41) 2,4,6-Trichlorophenol	13.15	196	36742	19.672 ng/ul	91
42) 2,4,5-Trichlorophenol	13.23	196	39659	19.963 ng/ul	92
43) 1,1'-Biphenyl	13.55	154	121330	19.535 ng/ul	99
44) 2-Chloronaphthalene	13.60	162	96563	19.844 ng/ul	99
45) 2-Nitroaniline	13.79	65	38417	21.534 ng/ul	90
47) Dimethylphthalate	14.16	163	130777	19.929 ng/ul	98
48) 2,6-Dinitrotoluene	14.28	165	27897	19.740 ng/ul	92
50) Acenaphthylene	14.44	152	151671	20.558 ng/ul	98
51) 3-Nitroaniline	14.61	138	26904	20.906 ng/ul	99
52) Acenaphthene	14.78	153	105974	19.779 ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	18181	20.299 ng/ul	95
55) 4-Nitrophenol	14.93	109	28988	19.623 ng/ul	96
56) Dibenzofuran	15.11	168	152848	20.130 ng/ul	94
57) 2,4-Dinitrotoluene	15.07	165	41828	20.510 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	37746	20.262 ng/ul#	92
59) Diethylphthalate	15.52	149	141053	19.996 ng/ul	98
61) Fluorene	15.77	166	129877	20.210 ng/ul	90
62) 4-Chlorophenyl-phenylether	15.75	204	70844	20.053 ng/ul	98
63) 4-Nitroaniline	15.78	138	28118	22.257 ng/ul#	76
66) 4,6-Dinitro-2-methylphenol	15.84	198	22878	16.992 ng/ul#	94
67) N-Nitrosodiphenylamine	15.96	169	111836	19.733 ng/ul	97
68) 4-Bromophenyl-phenylether	16.65	248	49775	20.048 ng/ul	91
69) Hexachlorobenzene	16.77	284	55762	19.832 ng/ul	96
70) Atrazine	16.91	200	49245	18.986 ng/ul	96
71) Pentachlorophenol	17.12	266	25035	14.918 ng/ul	98
72) Phenanthrene	17.51	178	214411	19.748 ng/ul	99
74) Anthracene	17.60	178	218605	19.710 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	61420	20.226 ng/uL	93
76) Pentachlorobenzene	15.04	250	62204	19.309 ng/uL	99
77) Carbazole	17.87	167	199659	20.180 ng/ul	99
78) Di-n-butylphthalate	18.42	149	239163	19.320 ng/ul	99
80) Fluoranthene	19.51	202	272369	20.870 ng/ul	98
82) Pyrene	19.88	202	271522	20.881 ng/ul	98
83) Butylbenzylphthalate	20.76	149	104948	20.557 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.64	252	103223	20.179 ng/ul	95
85) Benzo(a)anthracene	21.73	228	271037	20.144 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.63	149	149366	20.060 ng/ul	98
87) Chrysene	21.80	228	258006	20.272 ng/ul	99
89) Di-n-octyl phthalate	22.86	149	249459	19.117 ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	277315	19.390 ng/ul	100
91) Benzo(k)fluoranthene	24.06	252	271832m >	19.494 ng/ul >	07/13/21
93) Benzo(a)pyrene	24.88	252	243617	19.356 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.80	276	321650	19.807 ng/ul	97
95) Dibenzo(a,h)anthracene	28.87	278	265159	19.714 ng/ul	96
96) Benzo(g,h,i)perylene	29.98	276	262912	19.582 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