Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049273.D
Acq On : 10 Jul 2021 19:47
Operator : CG/JU
Sample : M2914-06MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 11 02:27:56 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 :
DBK45MS

Manual Integrations APPROVED
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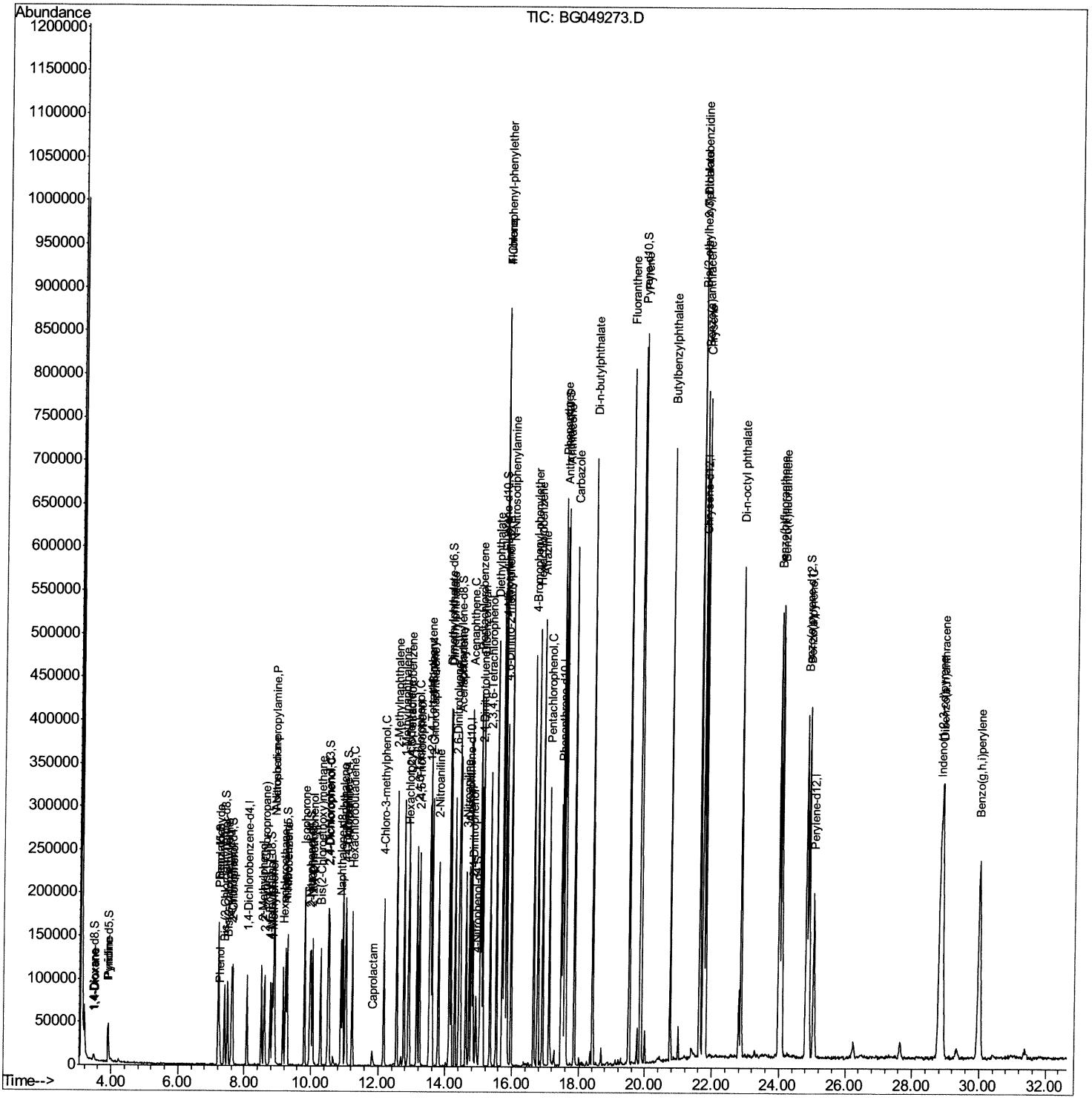

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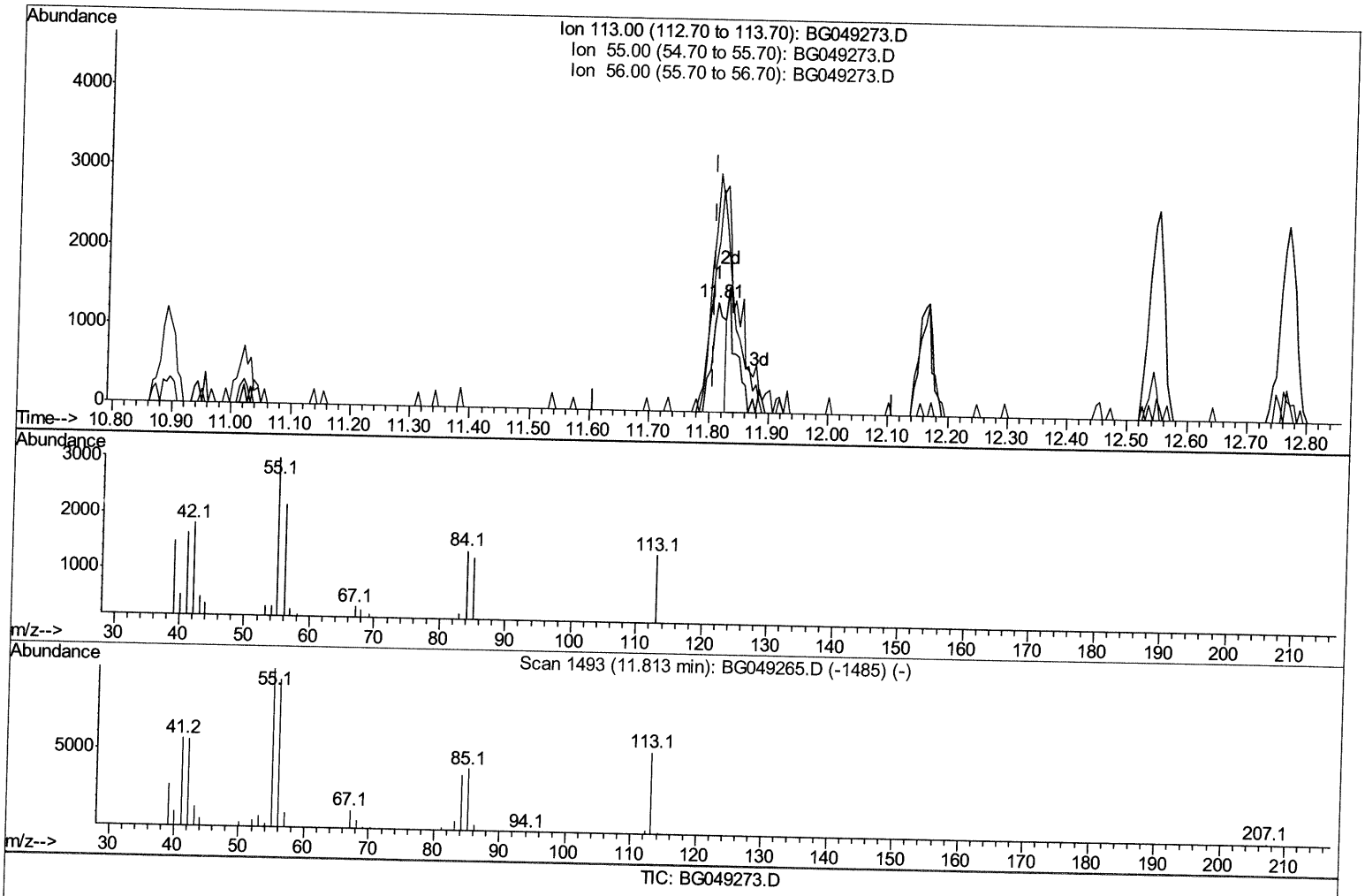

(34) Caprolactam

11.814min (+0.007) 3.13ng/ul

response 2045

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	217.05
56.00	171.90	156.14
0.00	0.00	0.00

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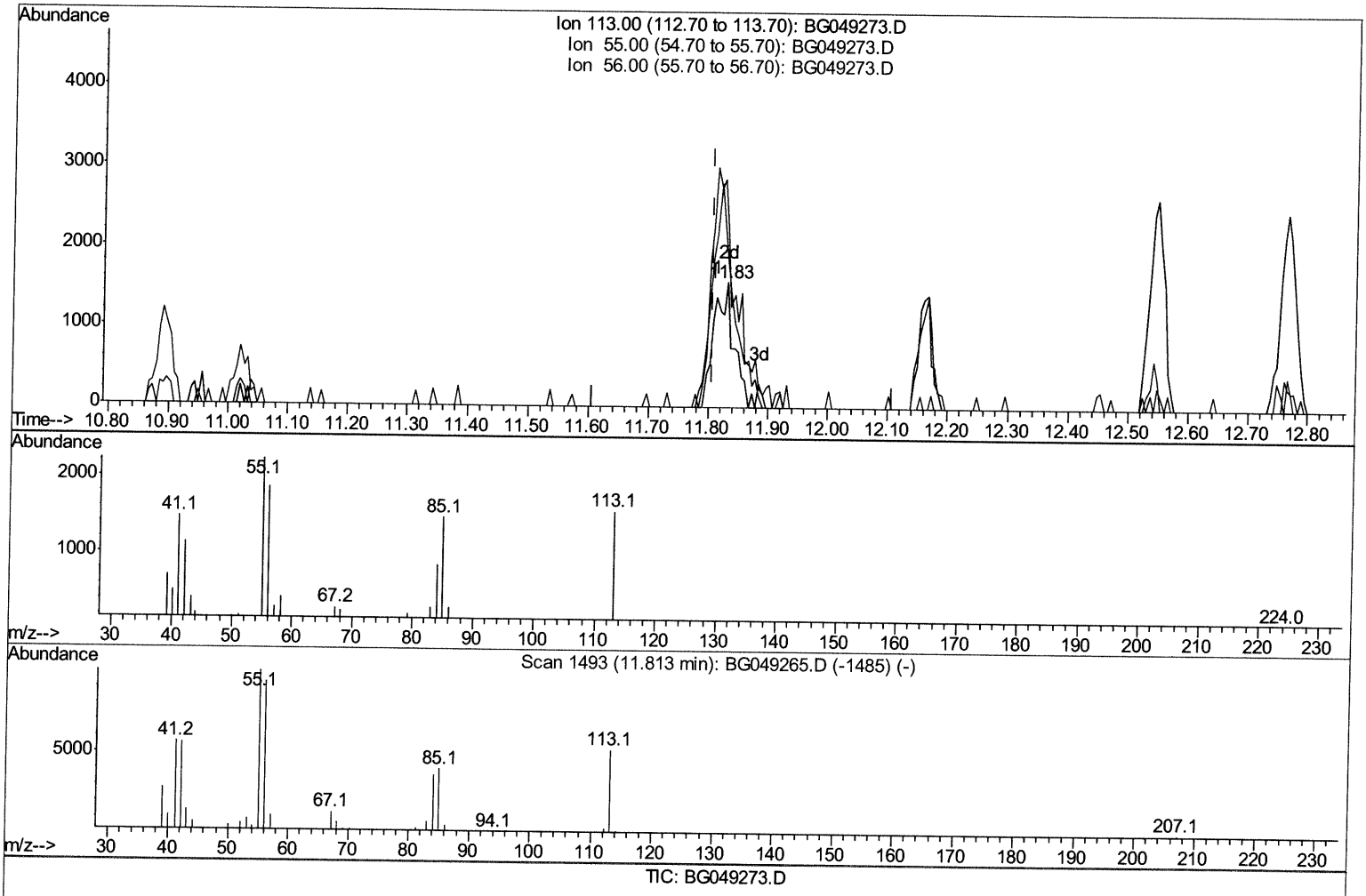

(34) Caprolactam

11.831min (+0.024) 5.54ng/ul m 07/13/21 JU

response 3617

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	142.39#
56.00	171.90	118.54#
0.00	0.00	0.00

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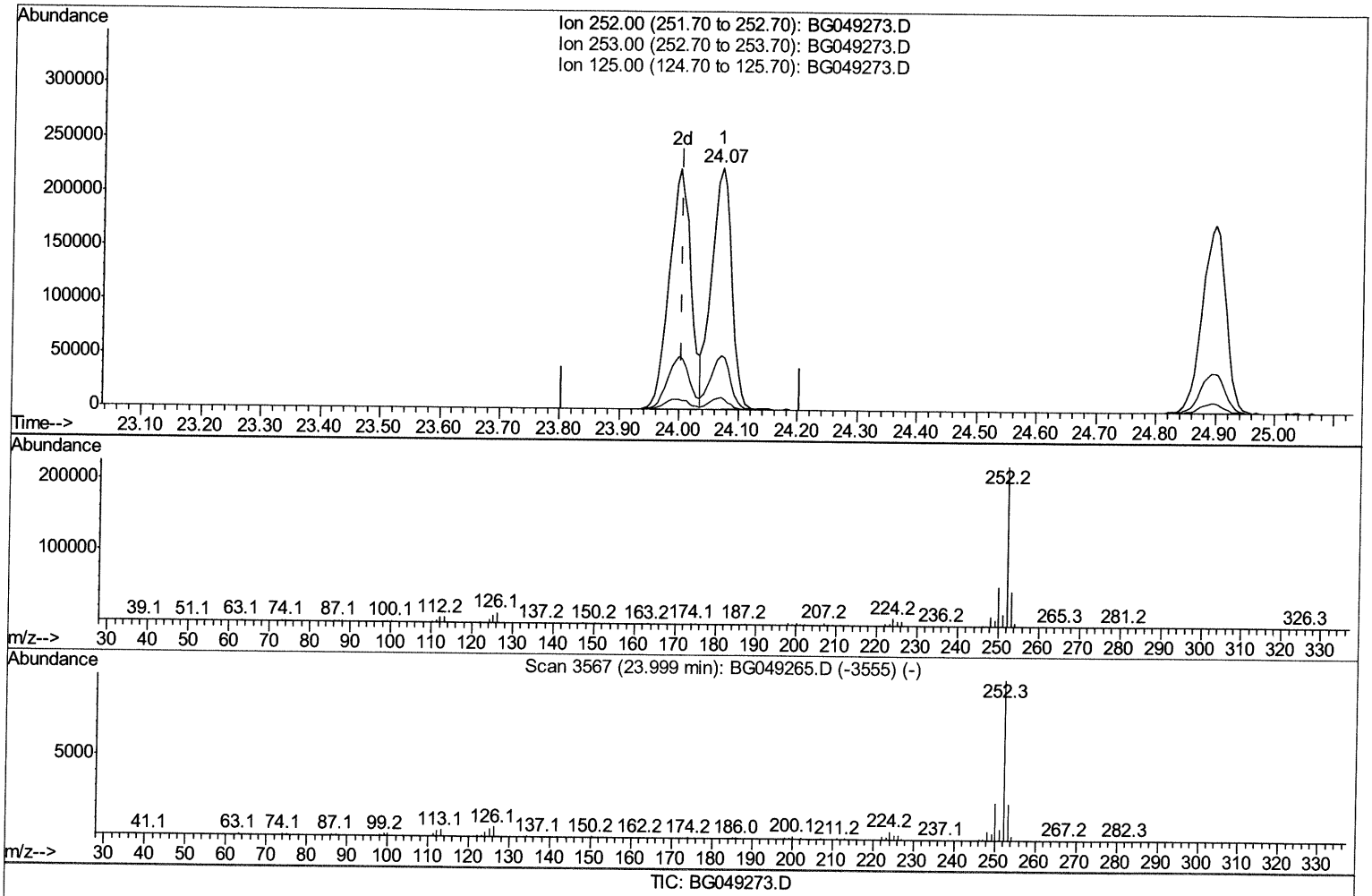

TIC: BG049273.D

(90) Benzo(b)fluoranthene

24.070min (+0.065) 40.79ng/ul

response 523362

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.14
125.00	6.00	4.93
0.00	0.00	0.00

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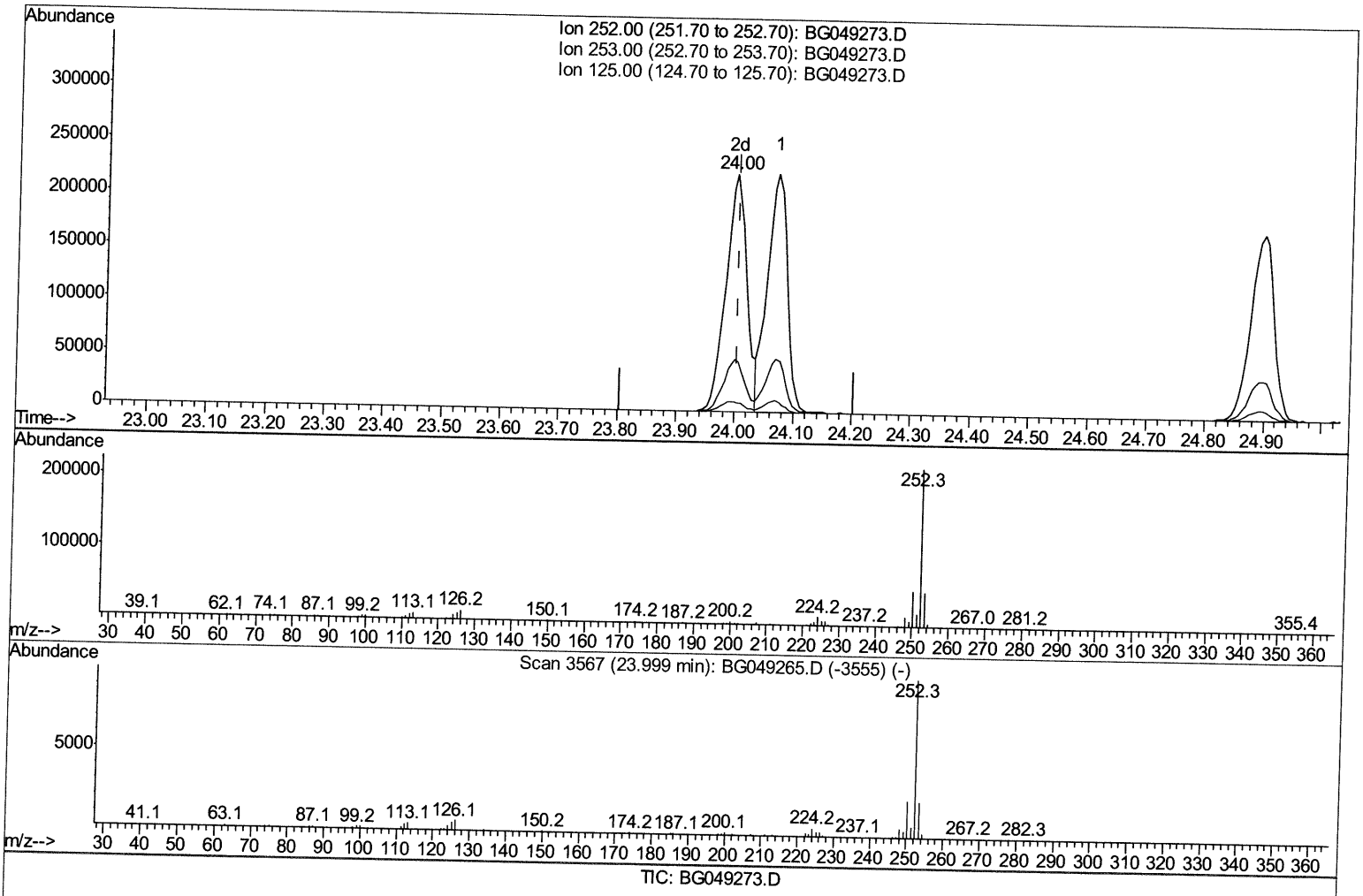

TIC: BG049273.D

(90) Benzo(b)fluoranthene

23.999min (-0.005) 43.72ng/ul m 07/13/2134

response 560955

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.97
125.00	6.00	4.33#
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	28225	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	119554	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	84981	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	202211	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	200556	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	208005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	3413	5.69	ng/uL	0.00
4) Pyridine-d5	3.89	84	15738	8.92	ng/ul	0.00
7) Phenol-d5	7.22	99	17139	6.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	46620	32.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	45525	25.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	31760	16.15	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	29663	32.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	33716	32.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	62364	30.35	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	77246	28.85	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	273913	41.91	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	282609	36.85	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	10316	9.54	ng/ul	0.00
60) Fluorene-d10	15.71	176	220544	39.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	54501	42.40	ng/ul	0.00
73) Anthracene-d10	17.57	188	386773	42.01	ng/ul	0.00
81) Pyrene-d10	19.85	212	464209	45.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	482696	44.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3950	5.405	ng/uL#	78
5) Pyridine	3.91	79	19052	9.734	ng/ul	93
6) Benzaldehyde	7.20	77	53455	36.191	ng/ul	97
8) Phenol	7.25	94	18786	7.651	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.48	93	54960	30.104	ng/ul	86
12) 2-Chlorophenol	7.64	128	44901	24.515	ng/ul	95
13) 2-Methylphenol	8.51	108	35494	18.978	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.60	45	91469	31.149	ng/ul#	95
16) Acetophenone	8.90	105	99966	30.980	ng/ul	92
17) N-Nitroso-di-n-propylamine	8.88	70	52325	31.913	ng/ul	94
18) 4-Methylphenol	8.83	108	32498	16.702	ng/ul	99
19) Hexachloroethane	9.16	117	20368	24.561	ng/ul	89
22) Nitrobenzene	9.28	77	83183	32.152	ng/ul#	95
23) Isophorone	9.81	82	143533	32.116	ng/ul	98
25) 2-Nitrophenol	10.00	139	32740	30.472	ng/ul	94
26) 2,4-Dimethylphenol	10.05	107	48358	20.327	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.29	93	76060	31.922	ng/ul#	90
29) 2,4-Dichlorophenol	10.54	162	54211	28.872	ng/ul	96
30) Naphthalene	10.94	128	177805	29.829	ng/ul	98
32) 4-Chloroaniline	11.05	127	72114	27.314	ng/ul	96
33) Hexachlorobutadiene	11.23	225	42122	26.454	ng/ul	97
34) Caprolactam	11.83	113	3617m >	5.537	ng/ul >	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	63157	30.112 ng/ul	88
36) 2-Methylnaphthalene	12.55	142	140734	31.075 ng/ul	95
37) 1-Methylnaphthalene	12.77	142	139670	31.012 ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	86803	32.520 ng/ul	96
40) Hexachlorocyclopentadiene	12.89	237	31443	17.738 ng/ul	97
41) 2,4,6-Trichlorophenol	13.15	196	60133	34.828 ng/ul	88
42) 2,4,5-Trichlorophenol	13.22	196	65682	35.766 ng/ul	94
43) 1,1'-Biphenyl	13.55	154	191601	33.372 ng/ul	97
44) 2-Chloronaphthalene	13.59	162	147944	32.889 ng/ul	97
45) 2-Nitroaniline	13.79	65	68281	41.403 ng/ul	92
47) Dimethylphthalate	14.16	163	250115	41.231 ng/ul	99
48) 2,6-Dinitrotoluene	14.29	165	55658	42.603 ng/ul	91
50) Acenaphthylene	14.44	152	238829	35.019 ng/ul	99
51) 3-Nitroaniline	14.62	138	46749	39.297 ng/ul	92
52) Acenaphthene	14.78	153	177345	35.806 ng/ul	100
53) 2,4-Dinitrophenol	14.82	184	33011	39.870 ng/ul#	87
55) 4-Nitrophenol	14.92	109	14223	10.415 ng/ul#	83
56) Dibenzofuran	15.12	168	267994	38.180 ng/ul	98
57) 2,4-Dinitrotoluene	15.07	165	81154	43.047 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	71024	41.243 ng/ul#	88
59) Diethylphthalate	15.53	149	276130	42.347 ng/ul	98
61) Fluorene	15.77	166	238624	40.168 ng/ul	94
62) 4-Chlorophenyl-phenylether	15.76	204	130042	39.819 ng/ul	98
63) 4-Nitroaniline	15.79	138	48725	41.722 ng/ul#	76
66) 4,6-Dinitro-2-methylphenol	15.84	198	50440	41.239 ng/ul#	88
67) N-Nitrosodiphenylamine	15.97	169	213124	41.397 ng/ul	99
68) 4-Bromophenyl-phenylether	16.65	248	92905	41.193 ng/ul	96
69) Hexachlorobenzene	16.77	284	108180	42.353 ng/ul	97
70) Atrazine	16.92	200	102202	43.376 ng/ul	98
71) Pentachlorophenol	17.11	266	62489	40.991 ng/ul	99
72) Phenanthrene	17.51	178	415125	42.090 ng/ul	98
74) Anthracene	17.61	178	409300	40.625 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	92723	33.613 ng/uL	95
76) Pentachlorobenzene	15.04	250	113938	38.934 ng/uL	99
77) Carbazole	17.87	167	384410	42.770 ng/ul	99
78) Di-n-butylphthalate	18.42	149	469090	41.714 ng/ul	100
80) Fluoranthene	19.52	202	531461	44.455 ng/ul	99
82) Pyrene	19.88	202	524669	44.046 ng/ul	99
83) Butylbenzylphthalate	20.76	149	204302	43.687 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	176289	37.622 ng/ul	98
85) Benzo(a)anthracene	21.73	228	521888	42.344 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	291600	42.751 ng/ul	99
87) Chrysene	21.80	228	494333	42.402 ng/ul	99
89) Di-n-octyl phthalate	22.87	149	496158	42.377 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	560955m >	43.715 ng/ul >	07/13/21 JU
91) Benzo(k)fluoranthene	24.07	252	523362	41.830 ng/ul	96
93) Benzo(a)pyrene	24.90	252	483657	42.829 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.82	276	643888	44.192 ng/ul	95
95) Dibenzo(a,h)anthracene	28.89	278	536711	44.473 ng/ul	96
96) Benzo(g,h,i)perylene	30.00	276	533245	44.266 ng/ul	97

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

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